SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE

(AFFILIATED TO UNIVERSITY OF MUMBAI)

DODAMARG, DIST. – SINDHUDURG 416 512 (M. S.)

EMAIL – dkscsci@gmail.com TEL. NO. – 02363 256755

ESTD. – 2012 COLLEGE CODE – 166

Criteria 1

Curricular Aspects

Key Indicator – 1.1

Curricular Planning and Implementation

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S
AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
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DODAMARG, DIST. – SINDHUDURG 416 512 (M. S.)
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CRITERIA-I CURRICULAR ASPECTS

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

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7.4	Departmental
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University of Mumbai

No. UG/ 08 of 2019-20

CIRCULAR:-

The Directors/Heads of the University Departments, the Principal of the affiliated colleges, Head of the recognized Institutions concerned, the Principals of the Sir J.J. College of Architecture and the Director/Co-ordinators of Ratnagiri Sub-Centre & Thane Sub-Centre and the Captain Superintendent, Ministry of Surface Transport, Training Ship "Chanakya" Government of India, Mumbai – 400 001, are hereby informed that the arrangement of terms in the various faculties of the University for the academic year 2019-2020 has been accepted by the Academic Council at its meeting held on 15th April, 2019 **vide** item No. 8.1 and subsequently approved by the Management Council at its meeting held on 26th April, 2019 **vide** item No. 19 and that in accordance therewith, the arrangement of terms for the courses of studies in the various faculties for the academic year 2019-2020 is under :-

The same available on the University website (www.mu.ac.in)

Faculty of Science & Technology (Science) : - Including all **Certificate, Diploma, Post-graduate Diploma, Degree and Master Degree courses** and Bachelor of Science (Maritime Science) under the Science Stream.

First Term -	06th June, 2019 to 24th October, 2019	Both days inclusive
Second Term -	15th November, 2019 to 02nd May, 2020	

1) There will be a break for Mid term from **02nd September, 2019 to 07th September, 2019** (both days inclusive).

2) Diwali Vacation from **25th October, 2019 to 14th November, 2019** (both days inclusive).

3) There will be a break for winter from **26th December, 2019 to 01st January, 2020** (both days inclusive) .

4) Summer Vacation from **03rd May 2020 to 07th June 2020** (both days inclusive).

2/-

Estd. 15/6/2012 Dist.Sindhudurg

University of Mumbai

No. UG/ 40 of 2020-21

CIRCULAR:-

A reference is invited to the Circular No.UG/01 of 2020-21 dated 2nd August, 2020 relating to the commencement of the online conduct of lectures w.e.f. 7th August, 2020 as beginning of the terms of the new Academic Year 2020-21.

Accordingly, the Directors/Heads of the University Departments, the Principals of the Constituent/Affiliated Colleges, Heads of the constituent recognized Institutions concerned, the Principals of the Sir J.J. College of Architecture and the Director, Institute of Distance and Open Learning, Co-ordinators of Ratnagiri Sub-Centre & Thane Sub-Centre and the Captain Superintendent, Ministry of Surface Transport, Training Ship "Chanakya", Government of India, Nerul, Navi Mumbai- 706 are hereby informed that in exercise of the powers conferred upon the Hon'ble Vice- Chancellor under Section 12(7) of the Maharashtra Public Universities Act, 2016 and that in accordance therewith, the arrangement of terms for the Courses/Programms of studies in the various faculties for the academic year 2020-21 is as under;-

The same available on the University website (www.mu.ac.in)

Faculty of Humanities (Arts) : -

The arrangement of terms for Including all **Certificate, Diploma, Post-graduate Diploma, Degree and Master Degree Courses** under the Arts Stream (excluding all Management Studies Courses and B.Ed. degree course).

First Term - 07th August, 2020 to 31st December, 2020	}	Both days
Second Term - 01st January, 2021 to 31st May, 2021	}	inclusive

Diwali Vacation from 12th November, 2020 to18th November, 2020 ** total 07 days.

Summer Vacation from 1st June, 2021 to 13th June, 2021 ** total 13 days.

** - both days inclusive.

Estd. 15/6/2012 Dist. Sindhudurg

Faculty of Science & Technology (Science) : -

The arrangement of terms for Including all **Certificate, Diploma, Post-graduate Diploma, Degree and Master Degree courses** and Bachelor of Science (Maritime Science) under the Science Stream.

First Term - 07th August, 2020 to 31st December, 2020
Second Term - 01st January, 2021 to 31st May, 2021
} Both days inclusive

Diwali Vacation from 12th November, 2020 to18th November, 2020
** total 07 days.

Summer Vacation from 1st June, 2021 to 13th June, 2021 ** total 13 days.
** - both days inclusive.

Faculty of Science & Technology (Engineering) : -

The arrangement of terms Engineering (Fulltime) all Programs/Branches, ME (Second Year) all Programs/Branches, MCA (Second and Third Year)

First Term - 7th August, 2020 to 31st December, 2020
Second Term - 1st January, 2021 to 31st May, 2021
} Both days Inclusive

Diwali Vacation from 12th November, 2020 to 18th November, 2020 **
** total 07 days.

Summer Vacation from 1st June, 2021 to 13th June, 2021
** total 13 days.

** - both days inclusive.

Faculty of Science & Technology (Pharmacy) : -

The arrangement of terms for the **B.Pharm.** degree course be as under:-

First Term 7th August, 2020 to 31st December, 2020
Second Term - 1st January, 2021 to 31st May, 2021
} Both days inclusive

Diwali Vacation from 12th November, 2020 to 18th November, 2020
** total 07 days.

Summer Vacation from 1st June, 2021 to 13th June, 2021
** total 13 days.

** - both days inclusive.

The arrangement of terms for the **M. Pharm.** degree courses be as under :-

First Term - 7th August, 2020 to 31st December, 2020
Second Term - 1st January, 2021 to 31st May, 2021
} Both days inclusive

There is **no Diwali and Summer vacation** for M.Pharm.

University of Mumbai

No. AAMS (UG)/ 34 of 2021-22

CIRCULAR :-

The Directors/Heads of the University Departments, the Principal of the affiliated colleges, Head of the recognized Institutions concerned, the Principals of the Sir J.J. College of Architecture and the Director/ Co-ordinators of Ratnagiri Sub-Centre & Thane Sub-Centre, Bharatrana Dr. Babasaheb Ambedkar, Ambadve, (Model College), Smt. Vijayalakshmi Dalvi (Model College) and the Captain Superintendent, Ministry of Surface Transport, Training Ship "Chanakya" Government of India, Navi Mumbai are hereby informed that the arrangement of terms in the various faculties of the University for the academic year 2021-2022 has been accepted by the Academic Council at its meeting held on 29th June, 2021 **vide** item No.9.24 and that in accordance therewith, the arrangement of terms for the courses of studies in the various faculties for the academic year 2021-2022 is under:-

The same available on the University website (www.mu.ac.in)

Faculty of Humanities (Arts) : -

The arrangement of terms for Including all **Certificate, Diploma, Post-graduate Diploma, Degree and Master Degree Courses** under the Faculty of Humanities (Arts Stream).

First Term - 14th June, 2021 to 31st October, 2021
Second Term - 15th November, 2021 to 1st May, 2022
} Both days inclusive

Mid Term Break from 10th Sept.,2021 to 14th Sept.,2021 (both days inclusive) Ganpati vacation.

Winter Break from 25th December,2021 to 31st December, 2021 (both days inclusive).

Diwali Vacation from 1st November, 2021 to14th November, 2021 (both days inclusive).

Summer Vacation from 2nd May, 2022 to 11th June, 2022 (both days inclusive.)

2/

Estd. 15/6/2012 Dist.Sindhudrug

Faculty of Science & Technology (Science) : -

The arrangement of terms for including all **Certificate, Diploma, Post-graduate Diploma, Degree and Master Degree courses** and Bachelor of Science (Maritime Science) under the Science Stream.

First Term - 14th June, 2021 to 31st October, 2021
Second Term - 15th November, 2021 to 1st May, 2022
} Both days inclusive

Mid Term Break from 10th Sept.,2021 to 14th Sept.,2021 (both days inclusive) Ganpati vacation.

Winter Break from 25th December,2021 to 31st December, 2021 (both days inclusive).

Diwali Vacation from 1st November, 2021 to 14th November, 2021 (both days inclusive).

Summer Vacation from 2nd May, 2022 to 11th June, 2022 (both days inclusive.)

Faculty of Science & Technology (Engineering) : -

The arrangement of terms Engineering (Fulltime) all Programs/Branches, ME (Second Year) all Programs/Branches, MCA (Second and Third Year)

For TE and BE

First Term 12th July, 2021 to 22nd December, 2021
Second Term - 10th January, 2022 to 4th June, 2022
} Both days inclusive

For SE and ME Second Year

First Term 23rd August, 2021 to 5th January, 2022
Second Term - 10th January, 2022 to 4th June, 2022
} Both days inclusive

For SYMCA(Final Year Two Years Programme)

First Term 23rd August, 2021 to 15th January, 2022
Second Term - 17th January, 2022 to 15th July, 2022
} Both days inclusive

For TYMCA(Final Year Three Years Programme)

First Term 12th July, 2021 to 22nd December, 2021
Second Term - 10th January, 2022 to 30th June, 2022
} Both days inclusive

Mid Term Break from 10th Sept.2021 to 14th Sept.,2021 (both days inclusive) Ganpati vacation.

3/

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg Estd. 15/6/2012 Dist.Sindhudurg

University of Mumbai

No. AAMS (UG)/ 33 of 2022-23

CIRCULAR :-

The Directors/Heads of the University Departments, the Principal of the Affiliated colleges, Head of the Recognized Institutions concerned, the Principals of the Sir J.J. College of Architecture and the Director/ Co-ordinators of Ratnagiri Sub-Centre & Thane Sub-Centre, Bharatrana Dr. Babasaheb Ambedkar, Ambadve, (Model College), Smt. Vijayalakshmi Dalvi (Model College) and the Captain Superintendent, Ministry of Surface Transport, Training Ship "Chanakya" Government of India, Navi Mumbai are hereby informed that the arrangement of terms in the various faculties of the University for the academic year 2022-2023 has been accepted by the Academic Council at its meeting held on 17th May, 2022 **vide** item No.9.4 and subsequently approved by the Management Council at its meeting held on 25th May, 2022 **vide** item No. 5 and in accordance therewith, the arrangement of terms for the courses of studies in the various faculties for the academic year 2022-2023 is under:-

- The same available on the University website (www.mu.ac.in)

Faculty of Humanities (Arts) : -Including all **Certificate, Diploma, Post-graduate Diploma, Degree and Master Degree courses** under the Arts

First Term - 13th June, 2022 to 22nd October, 2022
Second Term - 7th November, 2022 to 1st May, 2023
} Both days inclusive

1. Mid Term Break from 31st August, 2022 to 4th September, 2022 (both days inclusive) Ganpati vacation
2. Winter Break from 25th December, 2022 to 31stDecember, 2022 (both days inclusive)
3. Diwali Vacation from 23rd October, 2022 to 6th November,2022 (both days inclusive)
4. Summer Vacation from 2nd May, 2023 to 12th June, 2023 (both days inclusive)

2/-

Amdar. Deepakbhai Kesarkar Science College, Dodamarg, Tal.Dodamarg, Estd. 15/6/2012 Dist.Sindhudurg

Faculty of Science & Technology (Science) : - Including all **Certificate, Diploma, Post-graduate Diploma, Degree and Master Degree courses** under the Science

First Term - 13th June, 2022 to 22nd October, 2022
Second Term - 7th November, 2022 to 1st May, 2023
} Both days inclusive

1. Mid Term Break from 31st August, 2022 to 4th September, 2022 (both days inclusive) Ganpati vacation
2. Winter Break from 25th December, 2022 to 31stDecember,2022 (both days inclusive)
3. Diwali Vacation from 23rd October, 2022 to 6th November,2022 (both days inclusive)
4. Summer Vacation from 2nd May, 2023 to 12th June, 2023 (both days inclusive)

Faculty of Science & Technology (Engineering):- Third and Final Year Engineering (Full time) all Programs/Branches. MCA (Second and Third Year)

First Term - 11th July, 2022 to 17th December,2022
Second Term - 09th January, 2023 to 10th June, 2023
} Both days inclusive

Second Year Engineering (Full time) all programs/Branches, ME (Second Year) all programs/ Branches.

First Term - 18th July, 2022 to 17th December,2022
Second Term - 09th January, 2023 to 10th June 2023
} Both days inclusive

1. Mid Term Break from 31st August, 2022 to 4th September, 2022. (both days inclusive) Ganpati vacation
2. Winter and Summer Vacation shall be given as per the UGC/University of Mumbai norms.

Faculty of Science & Technology MCA (Second Year)

First Term - 01st August, 2022 to 24th December,2022
Second Term - 09th January, 2023 to 10th June 2023
} Both days inclusive

1. Mid Term Break from 31st August, 2022 to 4th September, 2022. (both days inclusive) Ganpati vacation
2. Winter and Summer Vacation shall be given as per the UGC/University of Mumbai norms.

Amtar. Deepalibhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

University of Mumbai

No. AAMS_UGS/ICC/2023-24/24

CIRCULAR:-

The Directors/Heads of the University Departments, the Principal of the affliated colleges, Head of the recognized Institutions concerned, the Principals of the Sir J.J. College of Architecture and the Director/Co-ordinators of Ratnagiri Sub-Centre & Thane Sub-Centre, Bharatratna Dr. Babasaheb Ambedkar, Ambadve, (Model College), Smt. Vijayalakshmi Dalvi (Model College) and the Captain Superintendent, Ministry of Surface Transport, Training Ship "Chanakya" Government of India, Mumbai – 400 001, are hereby informed that the arrangement of terms in the various faculties of the University for the academic year 2023-2024 has been accepted by the Academic Council at its meeting held on 07th June, 2023 **vide** item No. 9.1 and subsequently approved by the Management Council at its meeting held on 17th June, 2023 **vide** item No. 5 and that in accordance therewith, the arrangement of terms for the courses of studies in the various faculties for the academic year 2023-2024 is under :-

Faculty of Humanities (Arts): - Including all **Certificate, Diploma, Post-graduate Diploma, Degree and Master Degree courses** under the Arts (excluding all Management Studies Courses and B.Ed. degree courses).

First Term -	13th June, 2023 to 11th November, 2023	Both days inclusive
Second Term -	28th November, 2023 to 01st May 2024	

1) Mid Term Break from 19th September, 2023 to 23rd September, 2023 (both days inclusive) Ganpati Vacation.
2) Diwali Vacation from 13th November, 2023 to 27th November, 2023 (both days inclusive).
3) Winter Break from 25th December, 2023 to 31st December, 2023 (both days inclusive).
4) Summer Vacation from 02nd May, 2024 to 11th June, 2024 (both days inclusive).

2/-

Babruvahan Dnyandeodhai Kasarkar Science College Estd. 15/6/2012 Dist.Sindhudurg Padamnagar, Tal.Dodamarg

Faculty of Science & Technology (Science) - Including all **Certificate, Diploma, Post-graduate Diploma, Degree and Master Degree courses** under the Faculty of Science.

First Term - 13th June, 2023 to 11th November, 2023
Second Term - 28th November, 2023 to 01st May, 2024
} Both days inclusive

1) Mid Term Break from 19th September, 2023 to 23rd September, 2023 (both days inclusive) Ganpati Vacation.
2) Diwali Vacation from 13th November, 2023 to 27th November, 2023 (both days inclusive).
3) Winter Break from 25th December, 2023 to 31st December, 2023 (both days inclusive).
4) Summer Vacation from 02nd May, 2024 to 11th June, 2024 (both days inclusive).

Faculty of Science & Technology (Engineering): - Including SE, TE & BE all Engineering (Full time) all Programs/Branches, ME (Second Year) all Programs/Branches, MCA (Second Year).

First Year Engineering Commencement Date as per CET Cell.

SE (Engineering) And ME (Second Year) (full time) all Programs/Branches.

First Term - 17th July, 2023 to 20th December, 2023
Second Term - 08th January, 2024 to 07th June, 2024
} Both days inclusive

TE & BE all Engineering (full time) all Programs/Branches.

First Term - 10th July 2023, to 20th December, 2023
Second Term - 08th January, 2024 to 07th June, 2024
} Both days inclusive

1) Mid Term Break from 19th September, 2023 to 23rd September, 2023 (both days inclusive) Ganpati Vacation.
2) Winter and Summer Vacation shall be given as per the UGC/University of Mumbai norms

3/-

Date 15/6/2012 Dist. Sindhudurg

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

TAL. DODAMARG, DIST. SINDHUDURG - 416 512.

ACADEMIC CALANDER FOR THE YEAR 2019-2020

MONTH	PARTICULARS
June-2019	
06-06-2019	Opening day **(First Term Thursaday, 06th June, 2019 to 24nd October, 2019)**
	Opening day of the College - First staff Meeting
	Admission Committee Meeting
	Academic planning committee meeting
08-06-2019	Time Table Committee Meeting
	Blood checking Camp (World Blood Donation Day)
10-06-2019	Cultural Committee Meeting
	Examination Committee Meeting
11-06-2019	Library Committee Meeting
	Biodiversity & Nature Club Meeting
	sports committee meeting
13-06-2019	Antiraging committee meeting
21-06-2019	World Yoga Day
25-06-2019	International Olympic Day
July-2019	
01/07/2019	Cultural Committee Meeting
	Admission Committee Meeting
	Student gravience committee meeting
09/07/2019	Time Table Committee Meeting
16/07/2019	Gurupournima
15/07/2019	Kabbadi Day (Guest Lecture On Sports Activities)
20-07-2019	Principal address to Students
19/07/2019	sports committee meeting
28/07/2019	World Nature Conservation Day
August-2019	
09/08/2022	Kranti Din
12/08/2019	Time Table Committee Meeting
	Library Day
15/08/2019	Celebration Of Independence Day
	Exam Committee Meeting
26-08-2019	sports committee meeting

Amdar Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg Estd. 15/6/2012 Dist.Sindhudurg

September-2019	
01-09-2019	Stall by DLLE
02-09-2019 to 07/09/2019	Mid Term Break (Ganapati Vacation)
06-09-2019	Teachers Day
08/09/2019	Field Visit (Department of Zoology)
16/09/2019	Ozone Day
20/09/2019	Time Table Committee Meeting
30-09-2019	Exam Committee Meeting
October-2019	
02/10/2019	Mah. Gandhi Jayanti
06/10/2019	Saraswati Poojan
st & Second Week of Oct. - 20	Examination of First Term
13/10/2019	Cultural Committee Meeting
15-10-2019	Vachan Prerana Din
24-10-2019	Staff Meeting (Term End)
25/10/2019 to 14/11/2019	Diwali Vacation
November-2019	
15/11/2019	Second Term (Friday,15th November,2019 to 2st May, 2019)
	Staff Meeting
16-11-2019	Time Table Committee Meeting
26/11/2019	Shahid Din
Third Week of November	Result of First & Second Semester (Regular) & Repeater Exam
December-2019	
02-12-2019	Time Table Committee Meeting
03-12-2019	Cultural Committee Meeting
10/12/2019	Exam Committee Meeting
	Sports Committee Meeting
Third Week of December	Annual Sports
'26/12/2019 To 01/0	Winter Break

Amdar. Deepakbhai Kesarkar Science College
Esta. 15/6/2012
Dist.Sindhudrug
Dodamarg, Tal.Dodamarg

January-2020	
03/01/2020	Savitribai Fule Jaynti
08-01-2020	Cultural Committee Meeting
10/01/2020 to 20/01/2020	Annual Cultural Programme
23-01-2019	Food Festival
26/01/2020	Celebration of Republic Day
February-2020	
First week of February	Personality Development Program
24-02-2020	Library Committee Meeting
27/02/2020	Marathi Rajyabhasha Din
28/02/2020	Science Day
March-2020	
01/03/2020	Antiraging committee meeting
03/03/2020	Student gravience committee meeting
08/03/2020	Womens Day
14-03-2020	Exam Committee Meeting
Last Week of March	Examination
April-2020	
st Week & Second Week of A	Examination
14/04/2020	Dr. Babasaheb Ambedkar Jayanti
Last Week of April	Farerwell Program
	Repeater examination
May-2020	
02-05-2020	Declaration Of Result
	Staff Meeting
	IQAC meeting
02/05/2020	Closing Day , Second Term End
03/05/2020 To 07/06/2020	Summer Vacation

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg, Estd. 15/6/2012 Dist.Sindhudrug

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

TAL. DODAMARG, DIST. SINDHUDURG - 416 512.

ACADEMIC CALENDER FOR THE YEAR 2020-2021

MONTH	PARTICULARS
August-2020	
07-08-2020	Opening day **(First Term Friday, 07th August, 2020 to 31st December, 2020)**
	Opening day of the College - First staff Meeting
	Academic Panning Committee Meeting
	Admission Committee Meeting
	Time Table Committee Meeting
13-08-2020	Cultural Committee Meeting
	Sports Committee Meeting
14-08-2020	Library Committee Meeting
	Examination Committee Meeting
15/07/2020	Celebration Of Independence Day
September-2020	
05/09/2020	Principal address to Students
10/09/2020	Admission Committee Meeting
22-09-2020	Library Committee Meeting
October-2020	
02/10/2020	Academic Panning Committee Meeting
	Exam Committee Meeting
12-10-2020	Cultural Committee Meeting
15-10-2020	Time Table Committee Meeting
November-2020	
09/11/2020	Library Committee Meeting
	Staff Meeting
12/11/2020 to 18/11/2020	Diwali Vacation
26/11/2020	Constitutional Day
28/11/2020	Mahatma Fule Smruti Din
Third Week of November	Result of First & Second Semester (Regular) & Repeater Exam

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg
Esta. 15/6/2012 Dist.Sindhudrug

December-2020	
01/12/2020	Exam Committee Meeting
03-12-2020	Cultural Committee Meeting
07/12/2020	Nature Club Committee Meeting
31-12-2020	Staff Meeting (Term End)
25/12/2020 To 31/12/2020	Winter Break
January-2021	
01-01-2021	Second Term (Friday,01st January,2021 to 31st May, 2021)
	Staff Meeting
04-01-2021	Academic Panning Committee Meeting
	Time Table Committee Meeting
15-01-2021	Cultural Committee Meeting
	Sports Committee Meeting
18/01/2021 to 23/01/2021	Annual Cultural Programme
26/01/2021	Republic Day
February-2021	
06-02-2021	Library Committee Meeting
19/02/2021	Chh. Shivaji Maharaj Jayanti
First Week of February 2021	Study Tour
March-2021	
08/03/2021	Womens Day
April-2021	
01-03-2021	Exam Committee Meeting
First Week & Second Week of April	practical examination
14/04/2021	Dr. Babasaheb Ambedkar Jayanti
Last week of April-2021	Farewell Program
May-2021	
01/05/2021	Maharastra Day
	Examination
29-05-2021	Declaration Of Result
	Staff Meeting
31/05/2021	Closing Day , Second Term End
01/06/2021 To 13/06/2021	Summer Vacation

Amdar. Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

TAL. DODAMARG, DIST. SINDHUDURG - 416 512.

ACADEMIC CALENDER FOR THE YEAR 2021-2022

MONTH	PARTICULARS
June-2021	
14-06-2021	Opening day (**First Term Monday, 14th June, 2021 to 31st October, 2021)**
	Opening day of the College - First staff Meeting
	Academic Planning committee meeting
	Admission Committee Meeting
15-06-2021	Time Table Committee Meeting
	Cultural Committee Meeting
	Sports Committee Meeting
16-06-2021	Library Committee Meeting
	Examination Committee Meeting
July-2021	
05-07-2021	Admission Committee Meeting
07-07-2021	Library Committee Meeting
August-2021	
13/08/2021	Cultural Committee Meeting
15/08/2021	Celebration Of Independence Day
September-2021	
10-09-2021 to 14/09/2021	Mid Term Break (Ganapati Vacation)
15-09-2021	Exam Committee Meeting
October-2021	
13-10-2021	Exam Committee Meeting
12/10/2021	Saraswati Poojan
First & Second Week of Oct. - 2021	Examination of First Term
13/10/2022	Cultural Committee Meeting
30/10/2021	Staff Meeting (Term End)
31-10-2021	End of first term

Amdar. Deepakbhai Kesarkar Science College Esta. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

November-2021	
01/11/2021 to 14/11/2021	Diwali Vacation
15-11-2021	Second Term (Monday,15 th November,2021 to 1st May, 2022)
	Academic Planning committee meeting
16-11-2021	Staff Meeting
	Time Table Committee Meeting
Third Week of November	Result of First & Second Semester (Regular) & Repeater Exam
December-2021	
06/12/2021	Exam Committee Meeting
07/12/2021	Sports Committee Meeting
Second Week of December-2021	Indutrial Visit (Department Of Chemistry)
Third Week of December	Annual Sports
25/12/2021 To 31/12/2021 Winter Break	
January-2022	
06/01/2022	Career Guidance Program
03-01-2022	Cultural Committee Meeting
10-01-2022	Sexual Harashment Awarness Program
First Week of January	Annual Cultural & Sports Programme
14-01-2022	World Suryanamaskar Day
26/01/2022	Republic Day
Last week of January - 2022	Field Visit (Department of Zoology)
February-2022	
11-02-2022	Food Festival
19/02/2022	Chh. Shivaji Maharaj Jayanti
27/02/2022	Marathi Rajyabhasha Din/ Book Exhibition
28/02/2022	Science Day
March-2022	
02/03/2022	Exam Committee Meeting
08/03/2022	Womens Day
Last Week of March	Practical Examination
21-03-2022	World Nature Conservation Day

Amdar. Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

April-2022	
First Week & Second Week of April	Examination
14/04/2022	Dr. Babasaheb Ambedkar Jayanti
Last Week of April	Repeater examination
May-2022	
01/05/2022	Declaration Of Result
	Staff Meeting
02/05/2022	Closing Day , Second Term End
02/05/2022 To 11/06/2022	Summer Vacation

Amdar. Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

TAL. DODAMARG, DIST. SINDHUDURG - 416 512.

ACADEMIC CALENDER FOR THE YEAR 2022-2023

MONTH	PARTICULARS
June-2022	
13-06-2022	Opening day **(First Term Monday, 13th June, 2022 to 22nd October, 2022)**
	Opening day of the College - First staff Meeting
	Admission Committee Meeting
	Academic planning committee meeting
14-06-2022	I.Q.A.C. Meeting
	Time Table Committee Meeting
15-06-2022	Cultural Committee Meeting
	Sports Committee Meeting
	College Development Committee Meeting
16-06-2022	Library Committee Meeting
	Biodiversity & Nature Club Meeting
	Antiraging committee meeting
	Examination Committee Meeting
21-06-2022	World Yoga Day
July-2022	
04/07/2022	Admission Committee Meeting
	student Gravience committee meeting
13/07/2022	Gurupournima
15/07/2022	Kabbadi Day (Guest Lecture On Sports Activities)
Last Week of July	Research Awarness Programm for Students (Department Of Chemistry)
28/07/2022	World Nature Conservation Day (Tree Plantation)

IQAC Coordinator,
A.D.K. Science College
Dodamarg.

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg, Dist.Sindhudrug
Estd. 15/6/2012 Dist.Sindhudrug

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Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

August-2022	
01/08/2022	Lok. Tilak Punyatithi
First Week of August	Field Visit (Department of Zoology)
	Workshop (Department Of Chemistry)
	Field Visit (Department of Zoology)
03/08/2022	Time Table Committee Meeting
	Admission Committee Meeting
09-08-2022	Academic planning committee meeting
12/08/2022	Cultural Committee Meeting
	Librarian Day
15/08/2022	Celebration Of Independence Day (Street Play)
Third Week of August	unit test For Sem. - III & V (Exam. Committee)
Last Week of August	Avishkar Programme
	National Seminar on NEP (Department of Chemistry)
29-08-2022	National Sports day
September-2022	
31-08-2022 to 04/09/2022	Mid Term Break (Ganapati Vacation)
05/09/2022	Exam Committee Meeting
	Teachers Day Celebration
Third week of Sep.2022	Unit Test
Second Week of September-2022	Blood Donation Camp
16/09/2022	Ozone Day
28-09-2022	Book Exhibition
20/09/2022	Parents Meet
October-2022	
02/10/2022	Mah. Gandhi Jayanti
03/10/2022	Saraswati Poojan
First & Second Week of Oct. - 2022	Examination of First Term
13/10/2022	Cultural Committee Meeting
15-10-2022	Vachan Prerana Din
22/10/2022	Staff Meeting (Term End) Result Declaration
22/10/2022	IQAC term end Meeting
23/10/2022 to 06/11/2022	Diwali Vacation

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Esta. 15/6/2012 Dist.Sindhudrug

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Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

November-2022	
07/11/2022	Second Term (Monday,07th November,2022 to 1st May, 2023)
	Staff Meeting
	Second term IQAC Meeting
07/11/2022 to 13/07/2022	Chemistry Week
23-11-2022	National Book Week
26/11/2022	Constitutional Day
28/11/2022	Mahatma Fule Smruti Din
December-2022	
December-2022	College Development Committee Meeting
01-12-2022	AIDs Awarness Program
03/12/2022	Time Table Committee Meeting
05/12/2022	Biodiversity & Nature Club Meeting
06/12/2022	Exam Committee Meeting
	student Gravience committee meeting
07/12/2022	Sports Committee Meeting
Second Week of December-2022	Indutrial Visit (Department Of Chemistry)
25/12/2022 To 31/12/2022	Winter Break
January-2023	
First week of January - 2023	Field Visit (Department of Zoology)
04/01/2023	Cultural Committee Meeting
10/01/2023 to 20/01/2023	Annual Cultural Programme
26/01/2023	Republic Day
28-01-2023	World Suryanamaskar Day
February-2023	
01-02-2023	Udaan Festival
Second Week of February	Self Defence Awareness Program
19-02-2023	Shivaji Maharaj Jayanti
21-02-2023	Career Guidance Program
27/02/2023	Marathi Rajyabhasha Din
28/02/2023	Science Day
Third week of Feb.2023	Swacchata Abhiyan
Last week of Feb.2023	Unit Test

Coordinator,
A.D.K. Science College
Dodamarg.

Amdar Deepakbhai Kesarkar Science College Estd. 25/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

March-2023	
01/03/2023	Exam Committee Meeting
08/03/2023	Womens Day
April-2023	
First Week & Second Week of April	Second Term Examination
14-04-2023	Dr.Babasaheb Ambedkar Jayanti
Last Week of April	Farerwell Program
	Repeater examination
May-2023	
01/05/2023	Maharastra Day
	Declaration Of Result
	Staff Meeting
	IQAC meeting
02/05/2023	Closing Day , Second Term End
02/05/2023 To 12/06/2023	Summer Vacation

IQAC Coordinator,
A.D.K. Science College
Dodamarg.

Amdar. Deepakbhai Kesarkar Science College
Esta.
15/6/2012
Dist.Sindhudrug
Dodamarg, Tal.Dodamarg

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Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

TAL. DODAMARG, DIST. SINDHUDURG - 416 512.

ACADEMIC CALENDER FOR THE YEAR 2023-2024

MONTH	PARTICULARS
June-23	
13-06-2023	Opening day **(First Term Tuesday, 13th June, 2023 to 11th November, 2023)**
	Opening day of the College - First staff Meeting
	Admission Committee Meeting
	Academic planning committee meeting
14-06-2023	I.Q.A.C. Meeting
	Time Table Committee Meeting
15-06-2023	Cultural Committee Meeting
	Sports Committee Meeting
	College Development Committee Meeting
16-06-2023	Library Committee Meeting
	Antiraging committee meeting
	Examination Committee Meeting
21-06-2023	World Yoga Day
26-06-2023	Chh. Shahu Maharaj Jayanti
July-23	
04-07-2023	Admission Committee Meeting
	student Gravience committee meeting
09-07-2023	Principal address to Students
13-07-2023	Gurupournima
Last week of July	Self Defence Program
August-23	
03-08-2023	Time Table Committee Meeting
	Admission Committee Meeting
First Week of August	Field Visit (Department of Zoology)
09-08-2023	Kranti Din
	Academic planning committee meeting
12-08-2023	Cultural Committee Meeting
	Library Day
15-08-2023	Celebration Of Independence Day
Third Week of August	unit test For Sem. - III & V (Exam. Committee)
30-08-2023	Swachhata Abhiyan

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Amdar. Deepakbhai Kesarkar Science College Dodamarg Tal.Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

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Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

September-23	
19-09-2023 to 23/09/2023	Mid Term Break (Ganapati Vacation)
05-09-2023	Exam Committee Meeting
	Teachers Day Celebration
Second Week of Sep.2023	Unit test
20-09-2023	Parents Meet
October-2023	
02-10-2023	Mah. Gandhi Jayanti
15-10-2023	Vachan Prerana Din(Book Exhibition)
21-10-2023	Saraswati Poojan
First & Second Week of Oct. - 2023	Examination of First Term
13/10/2023	Cultural Committee Meeting
22/10/2023	Staff Meeting (Term End)
22/10/2023	IQAC term end Meeting
	Result of First & Second Semester (Regular) & Repeater Exam
November-23	
First Week Of Nov.2023	Field Visit (Zoology Department)
13/11/2023 to 27/11/2023	Diwali Vacation
26-11-2023	Constitutional Day
December-23	
01-12-2023	World AIDs Day
First Week of December	College Development Committee Meeting
01-12-2023	World AIDs Day
03/12/2023	Time Table Committee Meeting
06/12/2023	Exam Committee Meeting
	student Gravience committee meeting
07/12/2023	Sports Committee Meeting
First Week of December-2023	Indutrial Visit (Department Of Chemistry)
Second Week of December-2023	Chemistry Week
25/12/2023 to 31/12/2023	Winter Break
January-2024	
03/01/2024	Savitribai Fule Jayanti
04/01/2024	Cultural Committee Meeting
10/01/2024 to 20/01/2024	Annual Cultural & Sports Programme
Jan-24	Food Festival
26/01/2024	Republic Day
Last week of January - 2024	Field Visit (Department of Zoology)

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Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg, Dist.Sindhudrug Estd. 15/6/2012

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Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

February-2024	
First Week of Feb.2024	UDAAN Festival
19/02/2024	Chh. Shivaji Maharaj Jayanti
Third Week of Feb.2024	Unit Test
27/02/2024	Marathi Rajyabhasha Din
28/02/2024	Science Day
March-2024	
01/03/2024	Exam Committee Meeting
08/03/2024	Womens Day
April-2024	
First Week & Second Week of April	Examination of Second Term
Last Week of April	Farerwell Program
	Repeater examination
May-2024	
01/05/2024	Maharastra Day
	Declaration Of Result
	Staff Meeting
	IQAC meeting
01-05-2024	Closing Day , Second Term End
02/05/2024 To 11/06/2024	Summer Vacation

IQAC Coordinator,
A.D.K. Science College
Dodamarg.

Amdar. Deepakbhai Kesarkar Science College
Estd. 15/6/2012
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Dodamarg, Tal.Dodamarg

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

Activity Completion Report

A. Y. 2019-2020

Sr. No.	Name of Activity	Date of Planning	Date Of Completion
1	World Yoga Day	21-06-2019	21-06-2019
2	Gurupournima	16-07-2019	16-07-2019
3	World Nature Conservation Day	28-07-2019	28-07-2019
4	Kranti Din	09-08-2019	09-08-2019
5	Library Day	12-08-2019	12-08-2019
6	Ganapati Pooja Sahitya Stall	01-09-2019	01-09-2019
7	Teachers Day	06-09-2019	06-09-2019
8	Sarasvati Poojan	01-10-2019	01-10-2019
9	Mah.Gandhi Jayanti	02-10-2019	02-10-2019
10	Vachan Prerana Din	15-10-2019	15-10-2019
11	First Term Examination	First Week of October	18-10-2019
12	Shahid Din	26-11-2019	26-11-2019
13	Savitribai Fule Jayanti	03-01-2019	03-01-2020
14	Annual Cultural & Sports Programme	Second week of Jan.2020	15/01/2020 to 29/01/2020
15	Street Play		25-01-2020
16	Personality Development Program	First week of February	13-02-2020
17	Marathi Rajyabhasha Din	27-02-2020	27-02-2020
18	Womens Day	08-03-2020	08-03-2020
19	Second Term Examination	First week of March	20-03-2020

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

Activity Completion Report

A. Y. 2021-22

Sr.No.	Name of Activity	Date of Planning	Date Of Completion
1	Mah.Gandhi Jayanti	02-10-2021	02-10-2021
2	First Term Examination	First Week of October	13-11-2021
3	Career Guidance Program		06-01-2022
4	Sexual Harashment Awarness Program	10-01-2022	10-01-2022
5	World Suryanamaskar Day	14-01-2022	14-01-2022
6	Annual Cultural & Sports Programme	First Week of January	14-01-2022
7	Food Festival	11-02-2022	11-02-2022
8	Chh. Shivaji Maharaj Jayanti	19-02-2022	19-02-2022
9	Marathi Rajyabhasha Din	27-02-2022	27-02-2022
10	Womens Day	08-03-2022	08-03-2022
11	Examination of Second Term	First Week & Second Week of April	16-04-2022

Amdar. Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

Activity Completion Report

A. Y. 2022-23

Sr. No.	Name of Activity	Date of Planning	Date Of Completion
1	World Yoga Day	21-06-2022	21-06-2022
2	Gurupournima	13-07-2022	13-07-2022
3	World Nature Conservation Day Tree Plantation	28-07-2022	28-07-2022
4	Lok.Tilak Punyatithi	01-08-2022	01-08-2022
5	Research Awarness Program	First week of August	05-08-2022
6	Field Visit	First week of August	06-08-2022
7	National Seminar On NEP:2020	Last week of August	12-08-2022
8	Librarian Day	12-08-2022	12-08-2022
9	Rally & Street Play	15-08-2022	15-08-2022
10	Field Visit	First week of August	02-08-2022
11	Stall Arrangement	30-08-2022	28-08-2022
12	Unit Test	Third week of Sep.2022	18-09-2022
13	Teachers Day	05-09-2022	05-09-2022
14	Ozone Day	16-09-2022	16-09-2022
15	Blood Donation Camp	Second week of Sep.2023	17-09-2022
16	First Term Examination	Second week of Sep.2023	20-10-2023
17	Parents Meet	20-09-2022	28-09-2022
18	Book Exhibition	28-09-2022	28-09-2022
19	Mah.Gandhi Jayanti	02-10-2022	02-10-2022
20	Sarswati Poojan	03-10-2022	03-10-2022
21	Chemistry Week(Department of Chemistry)	07/11/2022 to 13/11/2022	14/11/2022 to 19/11/2022
22	Vachan Prerana Din	15-10-2022	15-10-2022
23	National Book Week	23-11-2022	23-11-2022
24	Constitutional Day	26-11-2022	26-11-2022
25	Industrial Visit (Chemistry Department)	Second week of December	02-12-2022
26	Field Visit	First week of Jan.2023	07-01-2023
27	Annual Cultural & Sports Programme	Second week of Jan.2023	04-02-2023
28	Food Festival	25-01-2023	25-01-2023
29	World Suryanamaskar Day	28-01-2023	28-01-2023
30	Udaan Festival	01-02-2023	01-02-2023
31	Self Defence Awareness Program	Second week of February	10-02-2023
32	Swacchata Abhiyan (Tilari Forest)	Third Week of Feb.2023	15-02-2023
33	Marathi Rajyabhasha Din	27-02-2023	27-02-2023
34	Unit Test	Last week of Feb.2023	08-03-2023
35	Science Day	28-02-2023	28-02-2023
36	Womens Day	08-03-2023	08-03-2023
37	Second Term Examination	First week of April	27-04-2023

IQAC Coordinator,
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Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg Estd. 15/6/2012 Dist.Sindhudrug

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Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

Activity Completion Report

A. Y. 2023-24

Sr.No.	Name of Activity	Date of Planning	Date Of Completion
1	World Yoga Day	21-06-2023	21-06-2023
2	Chh.Shahu Maharaj Jayanti	26-06-2023	26-06-2023
3	Gurupournima	13-07-2023	13-07-2023
4	Self Defence Program	Last week of July	18-07-2023
5	Kranti Din	09-08-2023	09-08-2023
6	Librarian Day	12-08-2023	12-08-2023
7	Rally & Street Play(Election Literacy)	15-08-2023	02-08-2023
8	Field Visit (Zoology Department)	First week of August	11-08-2023
9	Unit Test	Third week of August	14-09-2023
10	Swachhata Abhiyan	30-08-2023	29-08-2023
11	Teachers Day	05-09-2023	05-09-2023
12	Unit Test	Second Week of Sep	14-09-2023
13	Parents Meeting	20-09-2023	15-09-2023
14	Mah.Gandhi Jayanti	02-10-2023	02-10-2023
15	Vachan Prerana Din(Book Exhibition)	15-10-2023	15-10-2023
16	Sarswati Poojan	21-10-2023	21-10-2023
17	First Term Examination	First Week of October	09-11-2023
18	Field Visit (Zoology Department)	First Week of November	07-11-2023
19	Constitutional Day	26-11-2023	26-11-2023
20	World AIDs Day	01-12-2023	01-12-2013
21	Industrial Visit (Chemistry Department)	03-12-2023	20-12-2023
22	Chemistry Week(Department of Chemistry)	First Week Dec.2023	4/12/2023 to 9/12/2023
23	Savitribai Fule Jayanti	03-01-2024	03-01-2024
24	Annual Cultural & Sports Programme	Second week of Jan.2024	15/01/2024 to 27/01/2024
25	Rally (Election Literacy)	26-01-2024	26-01-2024
26	Swacchata Abhiyan (Tilari Forest)	Second Week of Feb.2024	15-02-2024
27	Chh.Shivaji Maharaj Jayanti	19-02-2024	19-02-2024
28	Unit Test	Third Week of Feb.2024	04-03-2024
29	Marathi Rajyabhasha Din	27-02-2024	27-02-2024
30	Science Day	28-02-2024	28-02-2024
31	Womens Day	08-03-2024	09-03-2024
32	Second Term Examination	First Week & Second Week of April	08-04-2024

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Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE

(AFFILIATED TO UNIVERSITY OF MUMBAI)

DODAMARG, DIST. – SINDHUDURG 416 512 (M. S.)

EMAIL – dkscsci@gmail.com TEL. NO. – 02363 256755

ESTD. – 2012 COLLEGE CODE – 166

Admission Committee

RESPONSIBILITIES OF THE COMMITTEE:

1) Follow the admission process as per guidelines issued by state government & concerned competent authority.
2) To prepare brochures, prospectus & handouts for wider publicity.
3) To prepare plan for addressing 12th standard, diploma students as a career counseling activity.
4) To place advertise mention newspapers regarding admissions.
5) To consult the students & to interact with parents during admissions.
6) To advise the principal on improving facilities from the feedbacks coral got from parents & students during admission counseling.
7) To submit the admission list of Principal for approval.
8) To submit the approved list of Principal to all departments of college.

FUNCTIONS OF THE COMMITTEE:-

1) To improve the admissions with well-defined policy.
2) To adhere with all the rules & regulation of admissions as prescribed by govt. & statutory regents.
3) To create awareness about the institute.
4) Effectivity consult to students & parents who come to seek admissions.
5) To guide the students & parents for making the right decision.
6) To guide admitted students to complete the admission procedure like paying fees, getting roll nos, getting id cards, fulfilling eligibility criteria getting time table etc.

Amda. Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudurg Dodamarg, Tal.Dodamarg

ADMISSION PROCESS:-

STEP I: - **Student** registers & logs in the Website of Mumbai University (Only for F. Y. B. Sc. Students)
All admission will be as per Mumbai university guidelines

STEP II: - Student Register in his/her profile.

STRP III: - After registration, get the prospectus, read it carefully & fill the forms. Attach the required / mentioned documents with forms.

STEP IV: - Admission team will verify the eligibility & finalized the Admission Form.

STEP V: - If he/she is eligible they have to pay fees prescribed in prospectus.

STEP VI: - It is the responsibility of the student to fill the choice subject carefully.

STEP VII: - No refund of any of the fees paid to college is possible under any circumstances.

ADMISSION POLICY:

- Admission of student in the college will be on the basis of passing of 12th science exam conducted by Maharashtra / other Indian state boards.
- Admission form should be submitted by date notified by the college.
- The admission procedure will be considered complete only when the fees. For the academic year are paid.
- All admission is valid for only one year & therefore it would have to be renewed for each subsequent year of study.
- All admissions are provisional & subject to enrollment & grating of eligibility by the University of Mumbai.
- A student will not be readmitted to the college if he/ she has attendance deficiencies & serious complaints of indiscipline against him/ her in the previous year.

Coordinator

Admission Committee

Principal

Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar. Deepakbhai Kesarkar Science College
Esta. 15/6/2012
Dist.Sindhudrug
Dodamarg, Tal.Dodamarg

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S

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EMAIL – dkscsci@gmail.com TEL. NO. – 02363 256755

ESTD. – 2012 COLLEGE CODE – 166

Academic Planning Committee

Function of Committee: -

- To make Academic planning
- To prepare, implement and execute academic calendar
- To plan and execute various activities to be conducted in a year
- To monitor the process of teaching, training and testing activities regularly
- To discuss and finalize necessary rules, norms and guidelines to carryout various activities/programs for the effective and smooth functioning of the institute.
- To motivate all departments and sections to have long term / short term budgets to improve and develop the various planned activities of the departments /section. Receiving and reviewing proposals for all new academic programs, including emphases, minors, majors, graduate, and special programs

Coordinator

Academic Planning Committee

Principal

Amdar. Deepakbhai Kesarkar Science College

Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar. Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

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ESTD. – 2012 COLLEGE CODE – 166

Examination Committee

Policy Statement for Examination

- To conduct examination in a fair and proper manner.
- To maintain the sanctity of the examination process.
- To perform all examination duties in an unbiased and appropriate manner.
- To assist parent university in conduction of all examination under it.
- Conducting college level examinations as per university guidelines.
- Timely evaluation of answer book and declaration of results.
- To create a copy free atmosphere for examination.
- To provide facilities to students and assist them in pre examination work.

INSTRUCTIONS TO STUDENTS FOR EXAMINATION

1. Arrive 30 minutes before the start of your exam
2. Check the seating arrangement on display and then enter the examination hall
3. Mobile Phones are strictly prohibited in the examination hall
4. Mobile Phones cannot be used as calculators.
5. Under unfavourable circumstances, candidates will be admitted to the Examination Hall not more than twenty minutes after the commencement of the examination.
6. If you arrive late, you **will not** be allowed extra time.
7. Students must place all materials that are not specifically designated "permissible materials in examination hall" in the front of the classroom, including but not limited to, backpacks, computer bags, cell phones, notebooks, texts, papers, electronic devices, iPods, headphones, purses, and bags.
8. You may take into an exam room any pens, pencils, erasers, rulers, pencil sharpeners and permitted technical drawing equipment (such as protractors and compasses). However, these must be placed in a clear plastic bag. You must not bring in any pencil case or box for these items.
9. Exchange of examination material will not be allowed during the examination
10. You must not have any unauthorised material with you at your exam desk or on your person whilst under examination conditions, including books, manuscripts, calculator cases, or mobile phone or any other electronic data storage device.
11. You **must not** take into an exam room any blank paper; all rough work **must** be done in the exam booklets which are provided.
12. It is the responsibility of each candidate to ensure that they are answering the correct paper.

13. Each candidate must check the title of the paper and complete the candidate details on the front of the answer sheet

14. Read the instructions carefully before commencing an answer.

15. Any queries should be brought to the attention of the invigilator immediately.

16. Any irregularities of conduct within the Examination Hall will be reported and a candidate who is disruptive to the proper conduct of the examination for other examinees, in the opinion of the Invigilator, may be required to leave the Examination Hall.

17. Any type of Copy / Cheating/talking with another student during the examination will be forwarded as copy case to exam committee.

18. If the student is disabled, he/she should mention it while filling the examination form, only then he/ she will be given the related benefits.

19. The supervisors won't allow you to leave until one hour after the exam has started and during the last ten minutes.

20. At the end of the examination period, candidates must remain in their seats until all answer books have been collected. Answer books must be handed up immediately on request to the invigilator.

Instructions to Junior Supervisor

1. Supervisors shall be in attendance at the place of the examination at least 30 minutes before the setting of the first paper and 20 minutes before the setting of each subsequent paper.
2. Your mobile phone will be in silent mode. Use it only in examination related to emergency cases.
3. Distribute the answer books to the students before 20 minutes of the examination and ask them to fill all the details in the answer book.
4. Distribute the question paper to the students before 5 minutes of the examination.
5. Verify the admit card / I card of the students in the examination hall.
6. Take the signature of the students on the attendance sheet and maintain an attendance record of the examination hall.
7. In case of **physically challenged/Learning Disable examinee**, he/she may be allowed an extra time of **30 minutes** for writing the examination for all the courses, provided he/she seeks permission from the exam coordinator for extra writing time on account of his/her disability by producing a medical certificate from competent authority to this effect
8. The junior supervisor is not allowed to supply an additional answer book to the student without permission of exam coordinator.
9. Supervisor shall use the utmost vigilance to prevent copying or communication by candidates with one another or any other person.
10. Junior supervisors shall not engage in conversation with candidates during the examination and they shall not read what write on answer book.
11. Junior supervisor shall not give any kind of explanation regarding question paper.

12. The supervisor should take care not to allow any outsider to admit in the examination hall.
13. Supervisor shall not do any private or office work during the hours of supervision.
14. Shall not keep with them any spare copes of question papers after they have been delivered to candidates.
15. Supervisor shall see that all the candidates are given the proper question papers in accordance with the subjects they have offered for the examination.
16. Shall not allow any exchange of writing materials, stencils, mathematical instruments etc. when the examination is progress.
17. They shall see that no candidates in their block leaves the examination hall without giving back his answer book as the case may be whether blank or written.
18. Candidates who give up their answer- books before the ringing of the warning bell shall be allowed to leave the hall. But after that no candidate's shall be allowed to leave it till the close of examination.
19. Junior supervisors should see that every supplement supplied to the candidates for writing answer must be initialed and dated by them.
20. Once the examination is completed, collect the answer books serially and submit along with student's signature report and attendance report to examination committee members, ask them to sign on your reports after the verification.
21. Collect unused exam booklets and return them to the examination centre.

Coordinator
Examination Committee

Exam Coordinator,
A.D.K. Science College
Dodamarg.

Principal

Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar. Deepakbhai Kesarkar Science College
Estd. 15/6/2012 Dist.Sindhudrug
Dodamarg, Tal.Dodamarg

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE

(AFFILIATED TO UNIVERSITY OF MUMBAI)

DODAMARG, DIST. – SINDHUDURG 416 512 (M. S.)

EMAIL – dkscsci@gmail.com TEL. NO. – 02363 256755

ESTD. – 2012 COLLEGE CODE – 166

Time Table Committee

Objectives:

- To ensure work load is equitably distributed among the members of the staff providing adequate time for preparation between the lectures
- Smooth and efficient management of academic program through the semesters
- To allocate classes in Lecture halls, Computer Lab and Library without any overlapping.
- To ensure that the time table is disseminated to all faculty members, concerned staffs and students

Roles and responsibilities of timetable committee

- Consultation with principal and head of the departments for preparation of the timetable for each semester and for each class.
- To conduct timetable committee meeting with timetable committee departmental in charges.
- To prepare individual class timetable and individual faculty timetables (work load) so that if any class work adjustments within the faculty can be done smoothly.
- To update timetable time to time
- To inform teachers well in advanced regarding changes in time table.
- To report to principal & HOD regarding any discrepancy in time table.
- To be authorised by the head of the department and principal.

Coordinator

Time Table Committee

Principal

Amdar. Deepakbhai Kesarkar Science College

Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE

(AFFILIATED TO UNIVERSITY OF MUMBAI)

DODAMARG, DIST. – SINDHUDURG 416 512 (M. S.)

EMAIL – dkscsci@gmail.com TEL. NO. – 02363 256755

ESTD. – 2012 COLLEGE CODE – 166

Cultural committee

Objectives

Inspire the students to perform the art for bringing the talent from them through extra-curriculum activities

Function of Committee:-

- To organise various cultural events/ programs for students & staff in coordination with students.
- To communicate with the students about various festivals/ events to be celebrated in college & give a wide publicity.
- To plan, schedule and execute various cultural events for the academic year by delegating various task.
- The Cultural Committee shall be responsible for all intra and inter collegiate cultural events in the College.

Coordinator

Cultural Committee

Principal

Amdar. Deepakbhai Kesarkar Science College

Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar. Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Amdar Deepakbhai Kesarkar Science College Dodamarg

Time - Table

Academic Year 2019-20 **Class - F. Y. B. Sc.**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 9:20	Chemistry I	Chemistry II	Chemistry I	Physics II / Zoology II	Maths I / Botany I	Physics II / Zoology II
9:20 to 10:10	Maths I / Botany I	Physics II / Zoology II	Maths I / Botany I	Maths II / Botany II	Physics I / Zoology I	Maths II / Botany II
10:10 to 11:00	Physics I / Zoology I	Maths II / Botany II	Physics I / Zoology I	Chemistry II	Chemistry I	Chemistry II
Break						
11:15 to 1:45	Phy. I A / Chem. I B Pract.	Phy. II A / Chem. II B Pract.	Chem. I A / Zoo. I B Pract.	Chem. II A / Zoo. II B Pract.	Bot. I B Pract. / Maths I A Th	Bot. II B Pract. / Maths II A Th
1:45 to 2:35	FC	FC	FC	-	-	-

Time Table Incharge

Principal

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg
Estd. 15/6/2012 Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg

Time - Table

Academic Year 2019-20 **Class - S. Y. B. Sc.**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 11:00	Phy. I A / Chem. I B / Bot. I / Maths I Pract.	Phy. II A / Chem. II B / Bot. II / Maths I Pract.	Phy. III A / Chem. III B / Bot. III / Maths III Pract.	Chem. I A / Zoo. I Pract.	Chem. III A / Zoo. II Pract.	Chem. II A / Zoo. III Pract.
Break						
11:15 to 12:05	Chem. II / Bot. I	Chem. I / Bot. III	Phy. III / Maths III / Zoo. III	Chem. II / Bot. I	Phy. II / Maths II / Zoo. II	Phy. III / Maths III / Zoo. III
12:05 to 12:55	Chem. III / Bot. II	Chem. III / Bot. I	Chem. I / Bot. II	Phy. I / Maths I / Zoo. I	Chem. III / Bot. II	Chem. I / Bot. III
12:55 to 1:45	Phy. I / Maths I / Zoo. I	Phy. II / Maths II / Zoo. II	Chem. II / Bot. III	Phy. III / Maths III / Zoo. III	Phy. II / Maths I / Zoo. II	Phy. II / Maths I / Zoo. I
1:45 to 2:35	-	-	-	FC	FC	FC

Time Table Incharge

Amdar Deepakbhai Kesarkar Science College Dodamarg Estd. 15/6/2012 Dist.Sindhudrug Dodamarg Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg

Time - Table

Academic Year 2019-20 **Class - T. Y. B. Sc.**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 9:20	Chem. II / Zoo. V	Chem. I / Zoo. II	Chem. I / Zoo. II	Chem. V / Zoo. I	Chem. III / Zoo. I	Chem. V / Zoo. II
9:20 to 10:10	Chem. IV / Zoo. III	Chem. IV / Zoo. V	Chem. II / Zoo. I	Chem. III / Zoo. III	Chem. I / Zoo. II	Chem. IV / Zoo. V
10:10 to 11:00	Chem. III / Zoo. IV	Chem. II / Zoo. I	Chem. III / Zoo. V	Chem. IV / Zoo. IV	Chem. V / Zoo. IV	Chem. I / Zoo. IV
Break						
11:15 to 12:05	Chem. V / Zoo. I	Chem. III / Zoo. III	Chem. V / Zoo. III	Chem. I / Zoo. II	Chem. IV / Zoo. V	Chem. II / Zoo. III
12:05 to 12:55	Chem. II / Zoo. II	Chem. V / Zoo. IV	Chem. III / Zoo. IV	Chem. IV / Zoo. V	Chem. II / Zoo. III	Chem. III / Zoo. I
12:55 to 1: 45						
01:45 Onwards	Chem. IV / Zoo. I Pract.	Chem. II / Zoo. II Pract.	Chem. I / Zoo. V Pract.	Chem. V / Zoo. III Pract.	Chem. III / Zoo. IV Pract.	

Time Table Incharge

Amdar Deepakbhai Kesarkar Science College Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

Principal

Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg

Time - Table

Academic Year 2020-21 **Class - F. Y. B. Sc.**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 9:20	Chemistry I	Chemistry II	Chemistry I	Physics II / Zoology II	Maths I / Botany I	Physics II / Zoology II
9:20 to 10:10	Maths I / Botany I	Physics II / Zoology II	Maths I / Botany I	Maths II / Botany II	Physics I / Zoology I	Maths II / Botany II
10:10 to 11:00	Physics I / Zoology I	Maths II / Botany II	Physics I / Zoology I	Chemistry II	Chemistry I	Chemistry II
Break						
11:15 to 1:45	Phy. I A / Chem. I B Pract.	Phy. II A / Chem. II B Pract.	Chem. I A / Zoo. I B Pract.	Chem. II A / Zoo. II B Pract.	Bot. I B Pract. / Maths I A Th	Bot. II B Pract. / Maths II A Th
1:45 to 2:35	FC	FC	FC	-	-	-

Time Table Incharge

Amdar. Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg

Time - Table

Academic Year 2020-21 **Class - S. Y. B. Sc.**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 11:00	Phy. I A / Chem. I B / Bot. I / Maths I Pract.	Phy. II A / Chem. II B / Bot. II / Maths I Pract.	Phy. III A / Chem. III B / Bot. III / Maths III Pract.	Chem. I A / Zoo. I Pract.	Chem. III A / Zoo. II Pract.	Chem. II A / Zoo. III Pract.
Break						
11:15 to 12:05	Chem. II / Bot. I	Chem. I / Bot. III	Phy. III / Maths III / Zoo. III	Chem. II / Bot. I	Phy. II / Maths II / Zoo. II	Phy. III / Maths III / Zoo. III
12:05 to 12:55	Chem. III / Bot. II	Chem. III / Bot. I	Chem. I / Bot. II	Phy. I / Maths I / Zoo. I	Chem. III / Bot. II	Chem. I / Bot. III
12:55 to 1:45	Phy. I / Maths I / Zoo. I	Phy. II / Maths II / Zoo. II	Chem. II / Bot. III	Phy. III / Maths III / Zoo. III	Phy. II / Maths I / Zoo. II	Phy. II / Maths I / Zoo. I
1:45 to 2:35	-	-	-	FC	FC	FC

Time Table Incharge

Amdar. Deepakbhai Kesarkar Science College Dodamarg. Tal.Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg

Time - Table

Academic Year 2020-21 **Class - T. Y. B. Sc.**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 9:20	Chem. II / Zoo. V	Chem. I / Zoo. II	Chem. I / Zoo. II	Chem. V / Zoo. I	Chem. III / Zoo. I	Chem. V / Zoo. II
9:20 to 10:10	Chem. IV / Zoo. III	Chem. IV / Zoo. V	Chem. II / Zoo. I	Chem. III / Zoo. III	Chem. I / Zoo. II	Chem. IV / Zoo. V
10:10 to 11:00	Chem. III / Zoo. IV	Chem. II / Zoo. I	Chem. III / Zoo. V	Chem. IV / Zoo. IV	Chem. V / Zoo. IV	Chem. I / Zoo. IV
Break						
11:15 to 12:05	Chem. V / Zoo. I	Chem. III / Zoo. III	Chem. V / Zoo. III	Chem. I / Zoo. II	Chem. IV / Zoo. V	Chem. II / Zoo. III
12:05 to 12:55	Chem. II / Zoo. II	Chem. V / Zoo. IV	Chem. III / Zoo. IV	Chem. IV / Zoo. V	Chem. II / Zoo. III	Chem. III / Zoo. I
12:55 to 1: 45						
01:45 Onwards	Chem. IV / Zoo. I Pract.	Chem. II / Zoo. II Pract.	Chem. I / Zoo. V Pract.	Chem. V / Zoo. III Pract.	Chem. III / Zoo. IV Pract.	

Time Table Incharge

Amdar. Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist. Sindhudrug. Dodamarg. Tal. Dodamarg

Principal

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg

Time - Table

Academic Year 2021-22 **Class - F. Y. B. Sc.**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 9:20	Chemistry I	Chemistry II	Chemistry I	Physics II / Zoology II	Maths I / Botany I	Physics II / Zoology II
9:20 to 10:10	Maths I / Botany I	Physics II / Zoology II	Maths I / Botany I	Maths II / Botany II	Physics I / Zoology I	Maths II / Botany II
10:10 to 11:00	Physics I / Zoology I	Maths II / Botany II	Physics I / Zoology I	Chemistry II	Chemistry I	Chemistry II
Break						
11:15 to 1:45	Phy. I A / Chem. I B Pract.	Phy. II A / Chem. II B Pract.	Chem. I A / Zoo. I B Pract.	Chem. II A / Zoo. II B Pract.	Bot. I B Pract. / Maths I A Th	Bot. II B Pract. / Maths II A Th
1:45 to 2:35	FC	FC	FC	-	-	-

Time Table Incharge

Amdar Deepakbhai Kesarkar Science College Dodamarg Esta. 15/6/2012 Dist.Sindhudrug Tal.Dodamarg

Principal
Amdar, Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg

Time - Table

Academic Year 2021-22 **Class - S. Y. B. Sc.**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 11:00	Phy. I A / Chem. I B / Bot. I / Maths I Pract.	Phy. II A / Chem. II B / Bot. II / Maths I Pract.	Phy. III A / Chem. III B / Bot. III / Maths III Pract.	Chem. I A / Zoo. I Pract.	Chem. III A / Zoo. II Pract.	Chem. II A / Zoo. III Pract.
Break						
11:15 to 12:05	Chem. II / Bot. I	Chem. I / Bot. III	Phy. III / Maths III / Zoo. III	Chem. II / Bot. I	Phy. II / Maths II / Zoo. II	Phy. III / Maths III / Zoo. III
12:05 to 12:55	Chem. III / Bot. II	Chem. III / Bot. I	Chem. I / Bot. II	Phy. I / Maths I / Zoo. I	Chem. III / Bot. II	Chem. I / Bot. III
12:55 to 1:45	Phy. I / Maths I / Zoo. I	Phy. II / Maths II / Zoo. II	Chem. II / Bot. III	Phy. III / Maths III / Zoo. III	Phy. II / Maths I / Zoo. II	Phy. II / Maths I / Zoo. I
1:45 to 2:35	-	-	-	FC	FC	FC

Time Table Incharge

Amdar Deepakbhai Kesarkar Science College Esta. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal

Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg

Time - Table

Academic Year 2021-22 **Class - T. Y. B. Sc.**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 9:20	Chem. II / Zoo. V	Chem. I / Zoo. II	Chem. I / Zoo. II	Chem. V / Zoo. I	Chem. III / Zoo. I	Chem. V / Zoo. II
9:20 to 10:10	Chem. IV / Zoo. III	Chem. IV / Zoo. V	Chem. II / Zoo. I	Chem. III / Zoo. III	Chem. I / Zoo. II	Chem. IV / Zoo. V
10:10 to 11:00	Chem. III / Zoo. IV	Chem. II / Zoo. I	Chem. III / Zoo. V	Chem. IV / Zoo. IV	Chem. V / Zoo. IV	Chem. I / Zoo. IV
Break						
11:15 to 12:05	Chem. V / Zoo. I	Chem. III / Zoo. III	Chem. V / Zoo. III	Chem. I / Zoo. II	Chem. IV / Zoo. V	Chem. II / Zoo. III
12:05 to 12:55	Chem. II / Zoo. II	Chem. V / Zoo. IV	Chem. III / Zoo. IV	Chem. IV / Zoo. V	Chem. II / Zoo. III	Chem. III / Zoo. I
12:55 to 1: 45						
01:45 Onwards	Chem. IV / Zoo. I Pract.	Chem. II / Zoo. II Pract.	Chem. I / Zoo. V Pract.	Chem. V / Zoo. III Pract.	Chem. III / Zoo. IV Pract.	

Time Table Incharge

Amdar Deepakbhai Kesarkar Science College Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

Principal

Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg

Time - Table

Academic Year 2022-23 **Class - F. Y. B. Sc.**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 9:20	Chemistry I	Chemistry II	Chemistry I	Physics II / Zoology II	Maths I / Botany I	Physics II / Zoology II
9:20 to 10:10	Maths I / Botany I	Physics II / Zoology II	Maths I / Botany I	Maths II / Botany II	Physics I / Zoology I	Maths II / Botany II
10:10 to 11:00	Physics I / Zoology I	Maths II / Botany II	Physics I / Zoology I	Chemistry II	Chemistry I	Chemistry II
Break						
11:15 to 1:45	Phy. I A / Chem. I B Pract.	Phy. II A / Chem. II B Pract.	Chem. I A / Zoo. I B Pract.	Chem. II A / Zoo. II B Pract.	Bot. I B Pract. / Maths I A Pract.	Bot. II B Pract. / Maths II A Pract.
1:45 to 2:35	FC	FC	FC	-	-	-

Time Table Incharge

Amdar Deepakbhai Kesarkar Science College Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg

Time - Table

Academic Year 2022-23 **Class - S. Y. B. Sc.**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 11:00	Phy. I / Chem. I B / Bot. I / Maths I Pract.	Phy. II / Chem. II B / Bot. II / Maths I Pract.	Phy. III / Chem. III B / Bot. III / Maths III Pract.	Chem. I A / Zoo. I Pract.	Chem. III A / Zoo. II Pract.	Chem. II A / Zoo. III Pract.
Break						
11:15 to 12:05	Chem. II / Bot. I	Chem. I / Bot. III	Phy. III / Maths III / Zoo. III	Chem. II / Bot. I	Phy. II / Maths II / Zoo. II	Phy. III / Maths III / Zoo. III
12:05 to 12:55	Chem. III / Bot. II	Chem. III / Bot. I	Chem. I / Bot. II	Phy. I / Maths I / Zoo. I	Chem. III / Bot. II	Chem. I / Bot. III
12:55 to 1:45	Phy. I / Maths I / Zoo. I	Phy. II / Maths II / Zoo. II	Chem. II / Bot. III	Phy. III / Maths III / Zoo. III	Phy. II / Maths I / Zoo. II	Phy. II / Maths I / Zoo. I
1:45 to 2:35	-	-	-	FC	FC	FC

Time Table Incharge

Amdar Deepakbhai Kesarkar Science College Esta. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg

Time - Table

Academic Year 2023-24 **Class - F. Y. B. Sc.**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 9:20	Chemistry I MMS	Chemistry II ABD	Chemistry I MMS	Physics II / Zoology II PRD / AES	Chemistry I MMS	Physics II / Zoology II PRD / AES
9:20 to 10:10	Maths I / Botany I SRP/ VMH	Physics II / Zoology I PRD / ASS	Maths I / Botany I SRP / VMH	Maths II / Botany II SRP / MVG	Physics I / Zoology I PRD / ASS	Maths II / Botany II SRP / MVG
10:10 to 11:00	Physics I / Zoology I PRD / ASS	Maths II / Botany II SRP / MVG	Physics I / Zoology II PRD / AES	Chemistry II ABD	Maths I / Botany I SRP / VMH	Chemistry II ABD
Break						
11:15 to 1:45	Phy. I A / Chem. I B Pract. PRD / MMS	Phy. II A / Chem. II B Pract. PRD / ABD	Chem. II A / Zoo. I B(a)/Zoo. I B(b) Pract. ABD /ASS/SBS	Chem. I A / Zoo. II B(a)/Zoo. II B(b) Pract. MMS / AES/SVM	Bot. I B Pract. / Maths I A Th VMH /SRP	Bot. II B Pract. / Maths II A Th MVG / SRP
1:45 to 2:35	FC SVM	FC SVM	FC SVM			

Name of the Faculty					
	1) MVG - M. V. Golase	6) SBS - S. B. Sutar	11) AES - A. S. Shetkar	13) SRP- S. R. PADALE	
	2) NMC - N. M. Chougale	7) VMH - V. M. Hodawadekar	12) PRD - P. R. Desai		
	3) MSP - M. S. Patil	8) ASS - A. S. Sinari	**Group**		
	4) ABD - A. B. Dhenge	9) MMS - M. M. Shet	Group A	FPCM	
	5) SVM - S. V. More		Group B	FCBZ	

Time Table Incharge

Amdar Deepakbhai Kesarkar Science College Dodamarg Esta. 15/6/2012 Dist.Sindhudrug Tal.Dodamarg

Principal

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg

Time - Table

Academic Year 2023-24 **Class - S. Y. B. Sc.**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 11:00	Phy. I / Chem. I B / Bot. I / Maths I Pract. PRD / NMC / VMH /SRP	Phy. II / Chem. II B / Bot. II / Maths I Pract. PRD / MSP / MVG / SRP	Phy. III / Chem. III B / Bot. III / Maths III Pract. PRD / SBM / VMH /SRP	Chem. I A / Zoo. I Pract. NMC / SBS	Chem. III A / Zoo. III Pract. SBM/AES	Chem. II A / Zoo. II Pract. MSP / ASS
Break						
11:15 to 12:05	Chem. II / Bot. I MSP / VMH	Chem. I / Bot. III NMC / VMH	Phy. III / Maths III / Zoo. III PRD / SRP / AES	Chem. II / Bot. I MSP / VMH	Phy. II / Maths II / Zoo. II PRD / SRP / ASS	Phy. III / Maths III / Zoo. I PRD / SRP / SBS
12:05 to 12:55	Chem. III / Bot. II SBM/MVG	Chem. III / Bot. I SBM/VMH	Chem. I / Bot. II NMC / MVG	Phy. I / Maths I / Zoo. I PRD / SRP / SBS	Chem. III / Bot. II SBM/MVG	Chem. I / Bot. III NMC / VMH
12:55 to 1:45	Phy. I / Maths I / Zoo. I PRD / SRP/ SBS	Phy. II / Maths II / Zoo. II PRD / SRP / ASS	Chem. II / Bot. III MSP / VMH	Phy. III / Maths III / Zoo. II PRD / SRP / ASS	Phy. II / Maths I / Zoo. III PRD / SRP / AES	Phy. II / Maths I / Zoo. II PRD /SRP / AES
1:45 to 2:35				FC SVM	FC SVM	FC SVM

Name of the Faculty	1) MVG - M. V. Golase	6) SBS - S. B. Sutar	11) AES - A. S. Shetkar	13) SRP- S.R. PADALE
	2) NMC - N. M. Chougale	7) VMH - V. B. Hodawadekar	12) PRD - P. R. Desai	
	3) MSP - M. S. Patil	8) ASS - A. S. Sinari	**Group**	
	4) ABD - A. B. Dhenge	9) SBM - S. B. Malik	Group A	FPCM
	5) SVM - S. V. More	10) MMS - M. M. Shet	Group B	FCBZ

Time Table Incharge

Amdar Deepakbhai Kesarkar Science College Esta. 15/6/2012 Dist.Sindhudrug

Principal

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg

Time - Table

Academic Year 2023-24 **Class - T. Y. B. Sc.**

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 9:20	Chem. II / Zoo. V ABD / SVM	Chem. I / Zoo. II NMC / AES	Chem. I / Zoo. II NMC / AES	Chem. V / Zoo. I MMS / SVM	Chem. I / Zoo. I NMC / SVM	Chem. V / Zoo. V MMS / SVM
9:20 to 10:10	Chem. IV / Zoo. IV SBM/ASS	Chem. IV / Zoo. V SBM/ SVM	Chem. II / Zoo. IV ABD /ASS	Chem. III / Zoo. II MSP / AES	Chem. I / Zoo. III NMC / SBS	Chem. IV / Zoo. II SBM/AES
10:10 to 11:00	Chem. III / Zoo. III MSP / SBS	Chem. II / Zoo. I ABD /SVM	Chem. III / Zoo. V MSP / SVM	Chem. IV / Zoo. IV SBM/ASS	Chem. V / Zoo. V MMS / SVM	Chem. III / Zoo. I MSP / SVM
Break						
11:15 to 12:05	Chem. V / Zoo. I MMS / SVM	Chem. III / Zoo. III MSP / SBS	Chem. V / Zoo. III MMS / SBS	Chem. I / Zoo. III NMC / SBS	Chem. IV / Zoo. II SBM/ AES	Chem. II / Zoo. IV ABD / ASS
12:05 to 12:55						Chem. II / Zoo. IV ABD / ASS
12:55 to 1: 45						
01:45 Onwards	Chem. II-A/ Chem. IV-B / Zoo. I Pract. ABD/ SBM / SVM	Chem. II-B/Chem. IV-A / Zoo. II Pract. ABD/ SBM / AES	Chem. I-A /Chem. III-B/ Zoo. V Pract. NMC/MSP / SVM	Chem. I-B /Chem. III-A / Zoo. IV Pract. NMC/MSP/ ASS	Chem. V A&B / Zoo. III Pract. MMS / SBS	

Name of the Faculty in Chemistry	1) NMC - N. M. Chougale	Name of the Faculty in Zoology	1) SVM - S. V. More
	2) MSP - M. S. Patil		2) SBS - S. B. Sutar
	3) ABD - A. B. Dhenge		3) ASS - A. S. Sinari
	4) SBM - S. B. Malik		4) AES - A. S. Shetkar
	5) MMS - M. M. Shet		

Time Table Incharge

Amdar Deepakbhai Kesarkar Science College Dodamarg Estd. 15/6/2012 Dist.Sindhudrug

Principal

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg

Department - Chemistry

Time Table : Academic Year 2019-20

Time	Class	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 9:20	F.Y	Chemistry	Chemistry II	Chemistry I			
	S.Y.	Chem. I B Pract.	Chem.II B Pract.	Chem.III B Pract.	Chem. I A Pract.	Chem. III A Pract.	Chem.II A Pract.
	T.Y.	Chem. II	Chem. I	Chem. I	Chem. V	Chem. III	Chem. V
9:20 to 10:10	F.Y						
	S.Y.	Chem. I B Pract.	Chem.II B Pract.	Chem.III B Pract.	Chem. I A Pract.	Chem. III A Pract.	Chem.II A Pract.
	T.Y.	Chem. IV	Chem. IV	Chem. II	Chem. III	Chem. I	Chem. IV
10:10 to 11:00	F.Y				Chemistry II	Chemistry I	Chemistry II
	S.Y.	Chem. I B Pract.	Chem.II B Pract.	Chem.III B Pract.	Chem. I A Pract.	Chem. III A Pract.	Chem.II A Pract.
	T.Y.	Chem. III	Chem. II	Chem. III	Chem. IV	Chem. V	Chem. I
Break							
11:15 to 12:05	F.Y	Chem. I B Pract.	Chem. II B Pract.	Chem. I A Pract.	Chem. II A Pract.	Chem. II A Pract.	
	S.Y.	Chem. II	Chem. I		Chem. II		
	T.Y.	Chem. V	Chem. III	Chem. V	Chem. I	Chem. IV	Chem. II
12:05 to 12:55	F.Y	Chem. I B Pract.	Chem. II B Pract.	Chem. I A Pract.	Chem. II A Pract.	Chem. II A Pract.	
	S.Y.	Chem. III	Chem. III	Chem. I		Chem. III	Chem. I
	T.Y.	Chem. II	Chem. V	Chem. III	Chem. IV	Chem. II	Chem. III
12:55 to 1:45	F.Y	Chem. I B Pract.	Chem. II B Pract.	Chem. I A Pract.	Chem. II A Pract.	Chem. II A Pract.	
	S.Y.			Chem. II			
	T.Y.	Chem. IV Pract.	Chem. II Pract.	Chem. I Pract.	Chem. V Pract.	Chem. III Pract.	

Time Table Incharge

Amdar Deepakbhai Kesarkar Science College Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

Principal

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg

Department - Chemistry

Time Table : Academic Year 2020-21

Time	Class	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 9:20	F.Y	Chemistry I	Chemistry II	Chemistry I			
	S.Y.	Chem. I B/Pract.	Chem. II B Pract.	Chem.III B Pract.	Chem. I A Pract.	Chem. III A Pract.	Chem.II A Pract.
	T.Y.	Chem. II	Chem. I	Chem. I	Chem. V	Chem. III	Chem. V
9:20 to 10:10	F.Y						
	S.Y.	Chem. I B/Pract.	Chem. II B Pract.	Chem.III B Pract.	Chem. I A Pract.	Chem. III A Pract.	Chem.II A Pract.
	T.Y.	Chem. IV	Chem. IV	Chem. II	Chem. III	Chem. I	Chem. IV
10:10 to 11:00	F.Y				Chemistry II	Chemistry I	Chemistry II
	S.Y.	Chem. I B/Pract.	Chem. II B Pract.	Chem.III B Pract.	Chem. I A Pract.	Chem. III A Pract.	Chem.II A Pract.
	T.Y.	Chem. III	Chem. II	Chem. III	Chem. IV	Chem. V	Chem. I
Break							
11:15 to 12:05	F.Y	Chem. I B Pract.	Chem. II B Pract.	Chem. I A Pract.	Chem. II A Pract.		
	S.Y.	Chem. II	Chem. I		Chem. II		
	T.Y.	Chem. V	Chem. III	Chem. V	Chem. I	Chem. IV	Chem. II
12:05 to 12:55	F.Y	Chem. I B Pract.	Chem. II B Pract.	Chem. I A Pract.	Chem. II A Pract.		
	S.Y.	Chem. III	Chem. III	Chem. I		Chem. III	Chem. I
	T.Y.	Chem. II	Chem. V	Chem. III	Chem. IV	Chem. II	Chem. III
12:55 to 1:45	F.Y	Chem. I B Pract.t.	Chem. II B Pract.t.	Chem. I A Pract.	Chem. II A Pract.		
	S.Y.			Chem. II			
	T.Y.						
01:45 Onwards	T.Y.	Chem. IV Pract.	Chem. II Pract.	Chem. I Pract.	Chem. V Pract.	Chem. III Pract.	

Time Table Incharge

Amdar Deepakbhai Kesarkar Science College Dodamarg Estd. 15/6/2012 Dist.Sindhudrug

Principal

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg

Department - Chemistry

Time Table : Academic Year 2021-22

Time	Class	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 9:20	F.Y	Chemistry I	Chemistry II	Chemistry I			
	S.Y.	Chem. I B Pract.	Chem. II B Pract.	Chem.III B Prac	Chem. I A Pract.	Chem. III A Pract.	Chem.II A Pract.
	T.Y.	Chem. II	Chem. I	Chem. I	Chem. V	Chem. III	Chem. V
9:20 to 10:10	F.Y						
	S.Y.	Chem. I B/Pract.	Chem. II B Pract.	Chem.III B Prac	Chem. I A Pract.	Chem. III A Pract.	Chem.II A Pract.
	T.Y.	Chem. IV	Chem. IV	Chem. II	Chem. III	Chem. I	Chem. IV
10:10 to 11:00	F.Y				Chemistry II	Chemistry I	Chemistry II
	S.Y.	Chem. I B/Pract.	Chem. II B Pract.	Chem.III B Pract.	Chem. I A Pract.	Chem. III A Pract.	Chem.II A Pract.
	T.Y.	Chem. III	Chem. II	Chem. III	Chem. IV	Chem. V	Chem. I
Break							
11:15 to 12:05	F.Y	Chem. I B Pract.	Chem. II B Pract.	Chem. I A Pract.	Chem. II A Pract.		
	S.Y.	Chem. II	Chem. I		Chem. II		
	T.Y.	Chem. V	Chem. III	Chem. V	Chem. I	Chem. IV	Chem. II
12:05 to 12:55	F.Y	Chem. I B Pract.	Chem. II B Pract.	Chem. I A Pract.	Chem. II A Pract.		
	S.Y.	Chem. III	Chem. III	Chem. I		Chem. III	Chem. I
	T.Y.	Chem. II	Chem. V	Chem. III	Chem. IV	Chem. II	Chem. III
12:55 to 1:45	F.Y	Chem. I B Pract.	Chem. II B Pract.	Chem. I A Pract.	Chem. II A Pract.		
	S.Y.			Chem. II			
	T.Y.						
01:45 Onwards	T.Y.	Chem. IV Pract.	Chem. II Pract.	Chem. I Pract.	Chem. V Pract.	Chem. III Pract.	

Time Table Incharge

Amdar. Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg

Department - Chemistry

Time Table : Academic Year 2022-23

Time	Class	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 9:20	F.Y	Chemistry I	Chemistry II	Chemistry I			
	S.Y.	Chem. I B Pract.	Chem. II B Pract.	Chem. III B Pract.	Chem. I A Pract	Chem. III A Pract.	Chem. II A Pract.
	T.Y.	Chem. II	Chem. I	Chem. I	Chem. V	Chem. III	Chem. V
9:20 to 10:10	F.Y						
	S.Y.	Chem. I B Pract.	Chem. II B Pract.	Chem. III B Pract.	Chem. I A Pract	Chem. III A Pract.	Chem. II A Pract.
	T.Y.	Chem. IV	Chem. IV	Chem. II	Chem. III	Chem. I	Chem. IV
10:10 to 11:00	F.Y						
	S.Y.	Chem. I B Pract.	Chem. II B Pract.	Chem. III B Pract.	Chem. I A Pract	Chem. III A Pract.	Chem. II A Pract.
	T.Y.	Chem. III	Chem. II	Chem. III	Chem. IV	Chem. V	Chem. I
Break							
11:15 to 12:05	F.Y	Chem. I B Pract.	Chem. II B Pract.	Chem. I A Pract.	Chem. II A Pract.		
	S.Y.	Chem. II	Chem. I		Chem. II		
	T.Y.	Chem. V	Chem. III	Chem. V	Chem. I	Chem. IV	Chem. II
12:05 to 12:55	F.Y						
	S.Y.	Chem. III	Chem. III	Chem. I		Chem. III	Chem. I
	T.Y.	Chem. II	Chem. V	Chem. III	Chem. IV	Chem. II	Chem. III
12:55 to 1:45	F.Y						
	S.Y.			Chem. II			
	T.Y.						
01:45 Onwards	T.Y.	Chem. IV Pract.	Chem. II Pract.	Chem. I Pract.	Chem. V Pract.	Chem. III Pract.	

Time Table Incharge

Amdar Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg

Department - Chemistry

Time Table : Academic Year 2023-24

Time	Class	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 9:20	F.Y	Chemistry I	Chemistry II	Chemistry I		Chemistry I	
	S.Y.	Chem. I B / Pract.	Chem. II B Pract.	Chem. III B Pract.	Chem. I A Pract.	Chem. III A Pract.	Chem. II A Pract.
	T.Y.	Chem. II	Chem. I	Chem. I	Chem. V	Chem. I	Chem. V
9:20 to 10:10	F.Y						
	S.Y.	Chem. I B / Pract.	Chem. II B Pract.	Chem. III B Pract.	Chem. I A Pract.	Chem. III A Pract.	Chem. II A Pract.
	T.Y.	Chem. IV	Chem. IV	Chem. II	Chem. III	Chem. I	Chem. IV
10:10 to 11:00	F.Y				Chemistry II		Chemistry II
	S.Y.	Chem. I B / Pract.	Chem. II B Pract.	Chem. III B Pract.	Chem. I A Pract.	Chem. III A Pract.	Chem. II A Pract.
	T.Y.	Chem. III	Chem. II	Chem. III	Chem. IV	Chem. V	Chem. III
Break							
11:15 to 12:05	F.Y	Chem. I B Pract.	Chem. II B Pract.	Chem. II A Pract.	Chem. I A Pract.		
	S.Y.	Chem. II	Chem. I		Chem. II		
	T.Y.	Chem. V	Chem. III	Chem. V	Chem. I	Chem. IV	Chem. II
12:05 to 12:55	F.Y						
	S.Y.	Chem. III	Chem. III	Chem. I		Chem. III	Chem. I
	T.Y.						Chem. II
12:55 to 1:45	F.Y						
	S.Y.			Chem. II			
	T.Y.						
01:45 Onwards	T.Y.	Chem. II-A/ Chem. IV-B Pract.	Chem. II-B/Chem. IV-A Pract.	Chem. I-A /Chem. III-B Pract.	Chem. I-B /Chem. III-A / Pract.	Chem. V A&B Pract.	

Time Table Incharge

Amdar Deepakbhai Kesarkar Science College Dodamarg Estd. 15/6/2012 Dist.Sindhudrug

Principal

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg. Tal.Dodamarg. Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg

Department - Zoology

Time Table : Academic Year 2019-20

Time	Class	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 9:20	F.Y				Zoology II		Zoology II
	S.Y.				Zoo. I Pract.	Zoo. II Pract.	Zoo. III Pract.
	T.Y.	Zoo. V	Zoo. II	Zoo. II	Zoo. I	Zoo. I	Zoo. II
9:20 to 10:10	F.Y		Zoology II			Zoology I	
	S.Y.				Zoo. I Pract.	Zoo. II Pract.	Zoo. III Pract.
	T.Y.	Zoo. III	Zoo. V	Zoo. I	Zoo. III	Zoo. II	Zoo. V
10:10 to 11:00	F.Y	Zoology I		Zoology I			
	S.Y.				Zoo. I Pract.	Zoo. II Pract.	Zoo. III Pract.
	T.Y.	Zoo. IV	Zoo. I	Zoo. V	Zoo. IV	Zoo. IV	Zoo. IV
Break							
11:15 to 12:05	F.Y			Zoo. I B Pract.	Zoo. II B Pract.		
	S.Y.			Zoo. III		Zoo. II	Zoo. III
	T.Y.	Zoo. I	Zoo. III	Zoo. III	Zoo. II	Zoo. V	Zoo. III
12:05 to 12:55	F.Y			Zoo. I B Pract.	Zoo. II B Pract.		
	S.Y.				Zoo. I		
	T.Y.	Zoo. II	Zoo. IV	Zoo. IV	Zoo. V	Zoo. III	Zoo. I
12:55 to 1:45	F.Y			Zoo. I B Pract.	Zoo. II B Pract.		
	S.Y.	Zoo. I	Zoo. II		Zoo. III	Zoo. II	Zoo. I
	T.Y.						
01:45 Onwards	T.Y.	Zoo. I Pract.	Zoo. II Pract.	Zoo. V Pract.	Zoo. III Pract.	Zoo. IV Pract.	

Time Table Incharge

Amdar Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

Principal

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg

Department - Zoology

Time Table : Academic Year 2020-21

Time	Class	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 9:20	F.Y				Zoology II		Zoology II
	S.Y.				Zoo. I Pract.	Zoo. II Pract.	Zoo. III Pract.
	T.Y.	Zoo. V	Zoo. II	Zoo. II	Zoo. I	Zoo. I	Zoo. II
9:20 to 10:10	F.Y						
	S.Y.				Zoo. I Pract.	Zoo. II Pract.	Zoo. III Pract.
	T.Y.	Zoo. III	Zoo. V	Zoo. I	Zoo. III	Zoo. II	Zoo. V
10:10 to 11:00	F.Y	Zoology I		Zoology I			
	S.Y.				Zoo. I Pract.	Zoo. II Pract.	Zoo. III Pract.
	T.Y.	Zoo. IV	Zoo. I	Zoo. V	Zoo. IV	Zoo. IV	Zoo. IV
Break							
11:15 to 12:05	F.Y			Zoo. I B Pract.	Zoo. II B Pract.		
	S.Y.			Zoo. III		Zoo. II	Zoo. III
	T.Y.	Zoo. I	Zoo. III	Zoo. III	Zoo. II	Zoo. V	Zoo. III
12:05 to 12:55	F.Y			Zoo. I B Pract.	Zoo. II B Pract.		
	S.Y.				Zoo. I		
	T.Y.	Zoo. II	Zoo. IV	Zoo. IV	Zoo. V	Zoo. III	Zoo. I
12:55 to 1:45	F.Y			Zoo. I B Pract.	Zoo. II B Pract.		
	S.Y.	Zoo. I	Zoo. II		Zoo. III	Zoo. II	Zoo. I
	T.Y.						
01:45 Onwards	T.Y.	Zoo. I Pract.	Zoo. II Pract.	Zoo. V Pract.	Zoo. III Pract.	Zoo. IV Pract.	

Time Table Incharge

Amdar. Deepakbhai Kesarkar Science College Dodamarg. Tal.Dodamarg Estd. 15/6/2012 Dist.Sindhudrug

Principal

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg. Tal.Dodamarg. Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg

Department - Zoology

Time Table : Academic Year 2021-22

Time	Class	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 9:20	F.Y				Zoology II		Zoology II
	S.Y.				Zoo. I Pract.	Zoo. II Pract.	Zoo. III Pract.
	T.Y.	Zoo. V	Zoo. II	Zoo. II	Zoo. I	Zoo. I	Zoo. II
9:20 to 10:10	F.Y		Zoology II		Zoology I		
	S.Y.				Zoo. I Pract.	Zoo. II Pract.	Zoo. III Pract.
	T.Y.	Zoo. III	Zoo. V	Zoo. I	Zoo. III	Zoo. II	Zoo. V
10:10 to 11:00	F.Y	Zoology I		Zoology I			
	S.Y.				Zoo. I Pract.	Zoo. II Pract.	Zoo. III Pract.
	T.Y.	Zoo. IV	Zoo. I	Zoo. V	Zoo. IV	Zoo. IV	Zoo. IV
Break							
11:15 to 12:05	F.Y			Zoo. I B Pract.	Zoo. II B Pract.		
	S.Y.			Zoo. III		Zoo. II	Zoo. III
	T.Y.	Zoo. I	Zoo. III	Zoo. III	Zoo. II	Zoo. V	Zoo. III
12:05 to 12:55	F.Y			Zoo. I B Pract.	Zoo. II B Pract.		
	S.Y.				Zoo. I		
	T.Y.	Zoo. II	Zoo. IV	Zoo. IV	Zoo. V	Zoo. III	Zoo. I
12:55 to 1:45	F.Y			Zoo. I B Pract.	Zoo. II B Pract.		
	S.Y.	Zoo. I	Zoo. II		Zoo III	Zoo. II	Zoo. I
	T.Y.						
01:45 Onwards	T.Y.	Zoo. I Pract.	Zoo. II Pract.	Zoo. V Pract.	Zoo. III Pract.	Zoo. IV Pract.	

Time Table Incharge

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg, Estd. 15/6/2012 Dist.Sindhudrug

Principal

Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg

Department - Zoology

Time Table : Academic Year 2022-23

Time	Class	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 9:20	F.Y				Zoology II		Zoology II
	S.Y.				Zoo. I Pract.	Zoo. II Pract.	Zoo. III Pract.
	T.Y.	Zoo. V	Zoo. II	Zoo. II	Zoo. I	Zoo. I	Zoo. II
9:20 to 10:10	F.Y			Zoology II			Zoology I
	S.Y.						
	T.Y.	Zoo. III	Zoo. V	Zoo. I	Zoo. III	Zoo. II	Zoo. V
10:10 to 11:00	F.Y	Zoology I		Zoology I			
	S.Y.						
	T.Y.	Zoo. IV	Zoo. I	Zoo. V	Zoo. IV	Zoo. IV	Zoo. IV
Break							
11:15 to 12:05	F.Y			Zoo. I B Pract.	Zoo. II B Pract.		
	S.Y.			Zoo. III		Zoo. II	Zoo. III
	T.Y.	Zoo. I	Zoo. III	Zoo. III	Zoo. II	Zoo. V	Zoo. III
12:05 to 12:55	F.Y			Zoo. I B Pract.	Zoo. II B Pract.		
	S.Y.				Zoo. I		
	T.Y.	Zoo. II	Zoo. IV	Zoo. IV	Zoo. V	Zoo. III	Zoo. I
12:55 to 1:45	F.Y			Zoo. I B Pract.	Zoo. II B Pract.		
	S.Y.	Zoo. I	Zoo. II		Zoo. III	Zoo. II	Zoo. I
	T.Y.						
01:45 Onwards	T.Y.	Zoo. I Pract.	Zoo. II Pract.	Zoo. V Pract.	Zoo. III Pract.	Zoo. IV Pract.	

Time Table Incharge

Amdar. Deepakbhai Kesarkar Science College Dodamarg Tal.Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

Principal

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg

Department - Zoology

Time Table : Academic Year 2023-24

Time	Class	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8:30 to 9:20	F.Y				Zoology II		Zoology II
	S.Y.				Zoo. I Pract.	Zoo. III Pract.	Zoo. II Pract.
	T.Y.	Zoo. V	Zoo. II	Zoo. II	Zoo. I	Zoo. I	Zoo. V
9:20 to 10:10	F.Y		Zoology I			Zoology I	
	S.Y.				Zoo. I Pract.	Zoo. III Pract.	Zoo. II Pract.
	T.Y.	Zoo. IV	Zoo. V	Zoo. IV	Zoo. II	Zoo. III	Zoo. II
10:10 to 11:00	F.Y	Zoology I		Zoology II			
	S.Y.				Zoo. I Pract.	Zoo. III Pract.	Zoo. II Pract.
	T.Y.	Zoo. III	Zoo. I	Zoo. V	Zoo. IV	Zoo. V	Zoo. I
Break							
11:15 to 12:05	F.Y			Zoo. I B(a)/Zoo. I B(b) Pract.	Zoo. II B(a)/Zoo. II B(b) Pract.		
	S.Y.			Zoo. III		Zoo. II	Zoo. I
	T.Y.	Zoo. I	Zoo. III	Zoo. III	Zoo. III	Zoo. II	Zoo. IV
12:05 to 12:55	F.Y			Zoo. I B(a)/Zoo. I B(b) Pract.	Zoo. II B(a)/Zoo. II B(b) Pract.		
	S.Y.				Zoo. I		
	T.Y.						
12:55 to 1:45	F.Y			Zoo. I B(a)/Zoo. I B(b) Pract.	Zoo. II B(a)/Zoo. II B(b) Pract.		
	S.Y.	Zoo. I	Zoo. II		Zoo. II	Zoo. III	Zoo. II
	T.Y.						
01:45 Onwards	T.Y.	Zoo. I Pract.	Zoo. II Pract.	Zoo. V Pract.	Zoo. IV Pract.	Zoo. III Pract.	

Time Table Incharge

Amdar Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudurg Dodamarg, Tal.Dodamarg

Principal

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2019 - 2020)

Name of Faculty - Dr. Sadashiv V. More
Class - FY Bsc
Paper - II

Semester - I
Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
JULY					Unit I Started at 18/06/19 Completed at 30/07/19
Teaching Days		25			
Periods Allotted		15			
Periods Available		13	Unit 1: Laboratory safety, Units and Measurement	1.1: Introduction to good laboratory practices 1.2: Use of safety symbols 1.3: Units of measurement	
Teaching	Practical's / Tutorials	Test			
	2				
AUGUST				1.3.1: Calculations and related conversions of each: Metric system-length 1.3.2: Temperature: Celsius, Fahrenheit, Kelvin 1.3.3: Concentrations: Percent solutions, ppt, ppm, ppb dilutions, Normality, Molarity and Molality. 1.3.4: Biostatistics: Introduction and scope, Sampling and its types, Central Tendencies Tabulation, Graphical representations.	
Teaching Days		25			
Periods Allotted		15			
Periods Available		12			
Teaching	Practical's / Tutorials	Test			
	3	1			

Amdar Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg Estd. 15/6/2012 Dist.Sindhudrug

Month			Unit / Practical	Sub-unit Planned	Remark
SEPTEMBER			Unit 2: Animal Biotechnology	2.1: Biotechnology 2.2: Transgenesis 2.3: Cloning (Dolly) 2.4: Ethical issues of transgenic and cloned animals 2.5: Applications of Biotechnology	Unit II Started at 01/08/19 Completed at 21/08/19
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
OCTOBER			Unit 3: Instrumentation	3.1: Microscopy3.2: Colorimetry and Spectroscopy 3.3: pH 3.3: Centrifuge 3.5: Electrophoresis	Unit III Started at 29/08/19 completed at 01/11/19
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	1	1			
NOVEMBER			Unit 1: Nutrition and Health	1.1: Concept of balanced diet, dietary recommendations to a normal adult, infant, pregnant woman and aged. 1.2: Malnutrition disorders – Anemia, Rickets, Marasmus, Goiter, Kwashiorkar . 1.3: Constipation, piles, starvation, acidity, flatulence, peptic ulcers	Unit I Started at 03/12/19 completed at 18/01/20
Teaching Days		15			
Periods Allotted		8			
Periods Available		8			
Teaching	Practical's / Tutorials	Test			
	3	1			
DECEMBER				1.3: Constipation, piles, starvation, acidity, flatulence, peptic ulcers 1.4: Obesity (Definition and consequences). 1.5: Importance of fibres in food. 1.6: Significance of breast feeding. 1.7: Swine flu and Dengue (cause, symptoms, precaution and remedy). 1.8: BMI calculation and its significance.	
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	3	1			
JANUARY			Unit 2: Public Health and Hygiene	2.1: Health 2.2: Water and water supply 2.3: Hygiene 2.4: Radiation risk 2.6: Blood bank	Unit II Started at 21/01/20 completed at 29/02/20
Teaching Days		25			
Periods Allotted		15			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	3	1			

Month			Unit / Practical	Sub-unit Planned	Remark
FEBRUARY			UNIT 3: Common Human Diseases and Disorders	3.1: Stress related disorders 3.2: Communicable and non-communicable diseases	Unit III started at 03/02/20 completed at 24/02/20
Teaching Days		25			
Periods Allotted		10			
Periods Available		7			
Teaching	Practical's / Tutorials	Test			
	3	1			
MARCH				3.2.1: Tuberculosis and Typhoid 3.2.2: Hepatitis (A and B), AIDS, Gonorrhea and Syphilis 3.2.3: Diseases of respiratory system-Asthma, Bronchitis. 3.2.4: Oral Cancer	3/03/20 point started 24/3/20 completed.
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	3	1			
APRIL			Examination		
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

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Dodamarg, Tal.Dodamarg

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

Academic Year - 2019/2020

Name of Faculty - Mr. J. A Sawant
Class - FY BSc
Paper - Zoology I

Semester - I/II
Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
JULY					
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test	Unit 01 Wonder of Animal World	1.1: Echolocation in Bats and Cetaceans 1.2: Mechanism of Pearl formation in Mollusca 1.3: Bioluminescence in Animals 1.4: Regeneration in Animals 1.5: Mimicry in Butterflies and its significance 1.6: Mechanism of Coral formation and types of Coral reefs 1.7: Bird migration: Definition, types and factors inducing bird migration	Unit I Started at 17/06/19 Completed at 29/08/19
	2	1			
AUGUST					
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test	Unit : 02 Biodiversity and its Conservation	1.8: Adaptive features of desert animals: Reptiles 1.9: Breeding and Parental care 1.10: Aves: Brood Parasitism ..... 2.1: Introduction to Biodiversity 2.2: Levels of Biodiversity 2.3: Introduction of Biodiversity Hotspots 2.4: Values of biodiversity	Unit II Started at 31/07/19 Completed at 29/07/19
	3	1.Unit			

Month			Unit / Practical	Sub-unit Planned	Remark
SEPTEMBER				2.5: Threats to Biodiversity 2.6: Biodiversity conservation and management : National Biodiversity Action Plan, 2002 2.6.4: Introduction to Indian Wildlife (Protection) Act, 1972 and Convention for International Trade of endangered species	Complete. 29/8/19
Teaching Days		20			
Periods Allotted		15			
Periods Available		10			
Teaching	**Practical's / Tutorials**	**Test**			
	4	2. Unit			
OCTOBER			Unit 03 Footsteps to follow	3.1: Dr. Hargobind Khorana (Genetic code) 3.2: Dr. Varghese Kurien (Amul-White revolution) 3.3: Dr. Salim Ali (Ornithologist) 3.4: Anna Hazare (Water Conservation-Ralegan Siddhi) 3.5: Baba Amte (Anandvan) 3.6: Kiran Mazumdar Shaw (Biocon) 3.7: Gadre Fisheries (Surimi) 3.8: Dr. Rajendra Singh (Water Conservation-Rajasthan)	Unit III Started at 29/09/19 Completed at 30/10/19
Teaching Days		10			
Periods Allotted		5			
Periods Available		5			
Teaching	**Practical's / Tutorials**	**Test**			
	2				
NOVEMBER			Unit 01 Population Ecology	1.1 Population dynamics 1.2 Population growth regulation 1.3 Population growth pattern 1.4 Human census (India) - Concept, mechanism and significance.	Unit I Started at 02/12/19 Completed at 29/11/19
Teaching Days		15			
Periods Allotted		5			
Periods Available		5			
Teaching	**Practical's / Tutorials**	**Test**			
	2				
DECEMBER			Unit 2: Ecosystem	2.1 Concept of Ecosystems: Definition and components 2.1.2 Impact of temperature on biota 2.1.3 Biogeochemical cycles (Water, Oxygen, Nitrogen, Sulphur) 2.1.4 Fresh water ecosystem - Lentic and Lotic	Unit II Started at 02/12/19 Completed at 04/12/19
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	**Practical's / Tutorials**	**Test**			
	3				
JANUARY				2.1.5 Food chain and food web in ecosystem (Fresh water and Grass land). 2.1.6 Ecological pyramids - energy, biomass and number . 2.1.7 Animal interactions (commensalism, mutualism, predation, antibiosis, parasitism	Started on 02/1/20 Completed on 29/1/20
Teaching Days		25			
Periods Allotted		15			
Periods Available		10			
Teaching	**Practical's / Tutorials**	**Test**			
	3	1. Unit			

Amdar. Deepakbhai Kesarkar Science College Dodamarg. Tal.Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

Month			Unit / Practical	Sub-unit Planned	Remark
FEBRUARY			Unit 3: National Parks and Sanctuaries of India	3.1 Concept of Endangered and Critically Endangered species using examples of Indian Wildlife with res to National Parks and Wildlife Sanctuaries of India 3.2 Management strategies with special reference to and Rhinoceros in India.	Unit III Started at 06/02/20 Completed at 10/02/20
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	3				
MARCH				3.3 Ecotourism 3.4 Biopiracy	Unit Completed on 29/3/2020
Teaching Days		25			
Periods Allotted		10			
Periods Available		5			
Teaching	Practical's / Tutorials	Test			
	3	3. Unit			
APRIL			Examination		
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

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Esta. 15/6/2012 Dist.Sindhudrug

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2019 - 2020)

Name of Faculty - Dr. S. V. More
Class - SY Bsc
Paper - III

Semester - III/IV
Paper Code -

Month	Unit / Practical	Sub-unit Planned	Remark
JUNE Teaching Days: 15 Periods Allotted: 10 Periods Available: 10 Teaching | Practical's / Tutorials | Test	Unit 1: Ethology	1.1 Introduction to Ethology 1.2 Aspects of animal behaviour 1.3 Social behaviour	Unit I Started at 24/06/19 Completed at 24/08/19
JULY Teaching Days: 25 Periods Allotted: 10 Periods Available: 10 Teaching | Practical's / Tutorials | Test 2 | 1	Unit 2: Parasitology	2.1 Introduction to Parasitology and Types of Parasites. 2.2 Host-parasite relationship and host specificity Different types of host-parasite relationships, structural specifici and ecological specificity 2.3 Life cycle, pathogenicity, control measures and treatment Entamoeba histolytica, Fasciola hepatica, Taenia solium	Unit II Started at 05/07/19 Completed at 25/07/19
AUGUST Teaching Days: 25 Periods Allotted: 10 Periods Available: 10 Teaching | Practical's / Tutorials | Test 4 | 1	Unit 3: Economic Zoology	2.4 Morphology, life cycle, pathogenicity, control measures and treatment. 2.5 Parasitological significance Zoonosis- Bird flu, Anthrax, Rabies and Toxoplasmosis	Unit III Started at 07/08/19 Completed at 29/08/19

Month			Unit / Practical	Sub-unit Planned	Remark
SEPTEMBER				3.1 Apiculture and Economic importance. 3.2 Vermiculture	17/9/19 Started. 15/9/19 complete
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
OCTOBER				3.3 Dairy Science and Milk and milk products	7/10/19 Started
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
NOVEMBER			UNIT 1: Dairy Industry	distribution, distinguishing characters and economic uses 1.2 Exotic breeds - Origin, distribution, distinguishing characters characters and economic uses 1.3 Indian buffalo breeds Origin, distribution, distinguishing characters and economic uses 1.4Systems of inbreeding and crossbreeding 1.5Maintenance of dairy farm	Unit I Started at 20/11/19 Completed at 28/01/20
Teaching Days		20			
Periods Allotted		8			
Periods Available		8			
Teaching	Practical's / Tutorials	Test			
	2	1			
DECEMBER			UNIT 2: Sericulture	1.6 Weaning of calf, castration and dehorning 1.7 Diseases and control 2.1 Introduction and scope of sericulture 2.2Varieties of silk worm, host plants 2.3Life history and rearing of Bombyx mori	Unit II Started at 03/12/20 Completed at 20/12/20
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
JANUARY			UNIT3: Aquaculture	2.4Harvesting and processing of cocoon. 2.5Reeling and extraction of silk 2.6Diseases and control measures 3.1 Pisciculture Definition and scope of fishery resources in India	Unit III Started at 24/01/20 Completed at 29/01/20
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			

Month			Unit / Practical	Sub-unit Planned	Remark
FEBRUARY				3.2 Finfish culture - monoculture and polyculture Role of exotic fishes in polyculture. Fish diseases symptoms and control. Prawn/shrimp culture: Sources, seed, culture methods.	Started on 21/2/20 Complete 28/3/24
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	4	1			
MARCH				3.3 Pearl culture: Pearl producing species and their distribution	Started 1/3/24
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	3	1			
APRIL			Examination		
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

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Department of Zoology
D.K.Sc. College Dodamarg

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Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg
Esta. 15/6/2012 Dist.Sindhudrug

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2019 - 2020)

Name of Faculty - Ms. S. M. Mestri
Class - SY Bsc
Paper - I

Semester - III/IV
Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE			Unit: 1 Fundamentals of Genetics	1.1. Introduction to genetics 1.2 Mendelian Genetics 1.3 Multiple Alleles and Multiple Genes	Unit I Started at 18/06/19 Completed at 30/06/19
Teaching Days		15			
Periods Allotted		7			
Periods Available		7			
Teaching	Practical's / Tutorials	Test			
JULY			Unit: 2 Chromosomes and Heredity	1.4 Linkage and Crossing Over 2.1 Chromosomes 2.2 Sex-determination	Unit II Started at 03/07/19 Completed at 30/07/19
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	2	1			
AUGUST				2.3 Sex linked, sex influenced and sex limited	3/8/19 completed. 30/8/19
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
SEPTEMBER			Unit: 3 Nucleic acids	3.1 Genetic material 3.2 Flow of genetic information in a Eukaryotic 3.3 Gene Expressions and regulation	Unit III Started at 04/09/19 completed at 24/9/19
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg
Esta. 15/6/2012 Dist.Sindhudrug

Month			Unit / Practical	Sub-unit Planned	Remark
OCTOBER			Unit 1: Origin and Evolution of Life	1.1 Introduction Evidences from geographical distribution, palaeontology, anatomy, embryology, physiology and genetics	Unit I Started at 03/10/19 Completed at 27/10/20
Teaching Days		20			
Periods Allotted		10			
Periods Available		5			
Teaching	Practical's / Tutorials	Test			
	3	1			
NOVEMBER				1.2 Evidences in favour of organic evolution Theory of Darwin and Neo- Darwinism Mutation Theory 1.3 Theories of organic evolution	1/11/19 to 29/11/19 Completed.
Teaching Days		15			
Periods Allotted		8			
Periods Available		8			
Teaching	Practical's / Tutorials	Test			
	3	1			
DECEMBER			Unit: 2: Population Genetics and Evolution	2.1 Introduction to Population genetics Hardy- Weinberg Law 2.3 Evolutionary genetics ,Nature of genetic variations Preserve balanced polymorphism Geographical isolation.	Unit II Started at 21/12/19 completed at 24/12/19
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
JANUARY				2.4 Macroevolution and megaevolution Concept and Patterns of Macroevolution Megaevolution	1/1/20 Started 29/1/20 Completed.
Teaching Days		25			
Periods Allotted		15			
Periods Available		8			
Teaching	Practical's / Tutorials	Test			
	3	1			
FEBRUARY			Unit: 3 Scientific Attitude Methodology, Scientific Writing and Ethics in Scientific Research	3.1 Process of science: A dynamic approach to investigation 3.2 Scientific writing	Unit III Started at 18/02/20 Completed at 25/02/20
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	4	1			

Month			Unit / Practical	Sub-unit Planned	Remark
MARCH				3.3 Writing a review paper 3.4 Ethics 3.5 Plagiarism	Started on 3/3/2020 completed on 25/3/20
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
APRIL			Examination		
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

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Dodamarg, Tal.Dodamarg

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2019 - 2020)

Name of Faculty - Mr. J. A. Sawant
Class - SY BSc
Paper - II

Semester - III/IV
Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE			Unit: 1 Nutrition and Excretion	1.1 Comparative study of nutritional apparatus : Amoeba, Hydra, Cockroach, Amphioxus, Pigeon, Ruminants. 1.2 Physiology of digestion in man. 1.3 Comparative study of excretory and osmoregulatory structures and functions. 1.4 Categorization of animals based on principle nitrogenous excretory products 1.5 Structure of kidney, uriniferous tubule and physiology of urine formation in man.	Unit I Started at 17/06/19 Completed at 29/06/19
Teaching Days		15			
Periods Allotted		7			
Periods Available		7			
Teaching	Practical's / Tutorials	Test			
JULY			Unit: 2: Respiration and Circulation	2.1 Comparative study of Respiratory organs : Earthworm, Spider, any bony fish, Frog and Pigeon. 2.2 Strucure and physiology of lungs in man 2.3 Comparative study of circulation. 2.4 Types of circulating fluids- Water, Coelomic fluid, Haemolymph, Lymph and Composition of blood 2.5 Comparative study of hearts : Earthworm, Cockroach, Shark, Frog,Crocodile and Pigeon. 2.6 Structure and mechanism of working of heart in man	Unit II Started at 02/07/19 Completed at 29/07/19
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	2	1			
AUGUST			Unit: 3 Control and Coordination, Locomotion and Reproduction	3.1 Control and coordination : Paramoecium, Hydra, earthworm. Types of neurons based on the structure and function. 3.2 Movement and Locomotion Locomotory organs - Structure and functions: Pseudopodia in Amoeba,Cilia in Paramecium, Wings and legs in cockroach, Tube feet in starfish,Fins of fish. 3.3 Structure of striated muscle fibre in human and sliding filament theory.	Unit III Started at 02/08/19 Completed at 21/08/19
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
SEPTEMBER				3.4 Reproduction (a) Asexual Reproduction- Fission, Fragmentation, Gemmule formation	Started on 11/9/2023 25/09/2023
Teaching Days		20			
Periods Allotted		10			

Amdar Deepakbhai Kesarkar Science College Dodamarg Tal.Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

Month			Unit / Practical	Sub-unit Planned	Remark
Periods Available		10		Fragmentation, Gemmule formation, Budding (b) Sexual reproduction i.	completed
Teaching	Practical's / Tutorials	Test			
OCTOBER					1/10/19 Started.
Teaching Days		15		1)Gametogenesis 2)Structure of male and female gametes in human 3)Types of fertilization 4) Oviparity, Viviparity, Ovo-viviparity	
Periods Allotted		8			
Periods Available		8			
Teaching	Practical's / Tutorials	Test			
	2	1			
NOVEMBER			Unit 1 : Cell Biology	1.1 Introduction to cell biology 1.2 Nucleus	Unit I Started at 02/12/19 completed at 16/12/19
Teaching Days		15			
Periods Allotted		7			
Periods Available		7			
Teaching	Practical's / Tutorials	Test			
	3	1			
DECEMBER				1.3 Plasma membrane 1.4 Transport across membrane 1.5 Cytoskeletal structures	17/12/19 Started. complete 24/12/19
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	3	1			
JANUARY			Unit 2 Endomembrane System	2.1 Endoplasmic reticulum 2.2 Golgi complex 2.3 Lysosomes	Unit I Started at 09/01/19 completed at 25/01/20
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	3	1			
FEBRUARY			Unit 3: Biomolecules	2.4 Mitochondria 3.1 Biomolecules . 3.2 Carbohydrates 3.3 Amino Acids and Proteins	Unit III Started at 06/02/20 completed at 28/02/20
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg
Esta. 15/6/2012
Dist.Sindhudrug

Month			Unit / Practical	Sub-unit Planned	Remark
MARCH					2/3/20 to
Teaching Days		25			
Periods Allotted		15		3.4 Lipids 3.5 Vitamins	25/3/20.
Periods Available		10			
Teaching	Practical's / Tutorials	Test			complete
	4	1			
APRIL					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

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Amdar. Deepakbhai Kesarkar Science College
Estd. 15/6/2012
Dist.Sindhudrug
Dodamarg, Tal.Dodamarg

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN
(Academic Year 2019- 2020)

Name of Faculty - Mr. J. A. Sawant
Class - TY BSc
Paper - I

Semester - V/VI
Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE			Unit :1 . Principles of Taxonomy	1.1: Levels of Organization 1.2: Symmetry 1 .3: Coelom 1.4 Metamerism 1.5 : Taxonomy 1.6: Kingdome Protista : Protozoa	Unit I Started at 20/06/19 Completed at 20/08/19
Teaching Days		15			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
July			Unit 2 : Kingdom Animaila 1	2.1: Phylum : Porifera 2.2: Phylum : Cnidaria 2.3: Phylum ; Platyhelmenthes 2.4 : Phylum : Nematoda	Unit II Started at 22/08/19 Completed at 18/09/19
Teaching Days		25			
Periods Allotted		20			
Periods Available		20			
Teaching	Practical's / Tutorials	Test			
	3	1			
AUGUST			Unit 3 : Kingdom Animalia 2	3.1: Phylum : Annelida 3.2: Phylum: Arthrooda 3.3: Phylum :Mollusca	Unit III Started at 20/09/19 completed at 17/10/19
Teaching Days		25			
Periods Allotted		20			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	3	1			
SEPTEMBER			Unit 4 : Type Study : Sepia	3.4: Phylum: Echinodermata 3.5: Minor Phyla 3.6: Phylum : Hemichordata 3.7: Basic concepts of Phylogeny 4.1: General characristics and classification, habit and habitat	Unit IV Started at 18/10/19 Completed at
Teaching Days		20			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	4				

Month			Unit / Practical	Sub-unit Planned	Remark
OCTOBER			Examination	4.2 : Digestive system,Respiratory system , Circulatory system, Excretory system, Nervous System,and sence organ, Reproductive system.	
Teaching Days		25			
Periods Allotted		20			
Periods Available		2			
Teaching	Practical's / Tutorials	Test			
	4	1			
NOVEMBER			Unit I: Phylum Chordata	1.1 General characters 1.2 Protochordata 1.3 Group Euchordata 1.4 Division Agnatha and Gnathostomata	Unit I Started at Unit I Completed at
Teaching Days		20			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	4	1			
DECEMBER			Unit II: Group Euchordata II	2.1: Division: Gnathostomata 2.2 Class Chondrichthyes 2.3: Dipnoi (Lung fish)	Unit II Started at Completed at
Teaching Days		25			
Periods Allotted		20			
Periods Available		20			
Teaching	Practical's / Tutorials	Test			
	4	1			
JANUARY			Unit III: Group Euchordata III	2.4: Superclass Tetrapoda 3.1: Class Reptilia: General characters and Discribtion 3.2 Class Aves: General Characters Discribtion	Unit III Started at Completed at
Teaching Days		25			
Periods Allotted		20			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
FEBRUARY			Unit IV: Type study: Shark	4.1 Habit & habitat, distribution, external characters, classification and economic importance 4.2 Skin, exoskeleton, endoskeleton and systems 4.3 Digestive system 4.4 Respiratory system	Unit IV Started at Completed at
Teaching Days		25			
Periods Allotted		20			
Periods Available		20			
Teaching	Practical's / Tutorials	Test			
	4	1			

Month			Unit / Practical	Sub-unit Planned	Remark
MARCH				4.5 Nervous system and receptor organs 4.6 Urinogenital system, copulatio, fertilization and developmen	2/3/20 Started 30/3/20 completed
Teaching Days		25			
Periods Allotted		20			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	4	1			
APRIL			Examination		
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2019 - 2020)

Name of Faculty - Mr. P. R. Desai

Class - F.Y. B.Sc | Semester - I and II

Paper - I | Paper Code - 101 and 201

Month		Unit / Practical	Sub-unit Planned	Remark
JUNE				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				
JULY				
Teaching Days	23			completed on 31/07/19
Periods Allotted	13		Unit I Newton's laws Newton's first law second and third laws of motion interpretation and applications pseudo forces initial and non inertial frame of reference walked out examples Elasticity review of elastic constants Y,K, equivalence of shear strain to compression and extension strains relation between elastic constants, couple for twist in cylinder	
Periods Available	13	Unit I		
Extra Lecture	4			
AUGUST				
Teaching Days	22			Completed on 30/08/19
Periods Allotted	12		Fluid dynamics equation of continuity bernoulli's equation applications of bernoulli's equation streamline and turbulent flow lines of low in air foil is equationLens makers formula, Newton's lens equation, magnification lateral longitudinal and angular Lens makers formula, Newton's lens equation, magnification lateral longitudinal and angular Equivalent focal length of two thin lenses thick lens cardinal points of thick lens rams dens and Huygen's eyepiece	
Periods Available	12	Unit I Unit II		
Extra Lecture	4			

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SEPTEMBER				
Teaching Days	18	Unit II Unit III	Aberration spherical aberration reduction of spherical ab aberration chromatic aberration and condition for a chromatic aberration Interference interference in 3 films fringes in which shape films Newton's rings Behaviour of real gases and real gas equation vendor walls equation Thermodynamic systems zeroth law of thermodynamics concept of heat the first law non adiabatic process and heat as a path function internal energy it capacity and specific heat applications of first law to simple processes general relations from the first law indicator diagrams work done during isothermal and adiabatic process work examples and problems	completed on 30/09/19
Periods Allotted	8			
Periods Available	8			
Extra Lecture	4			
OCTOBER				
Teaching Days			semester examination theory and practical	
Periods Allotted				
Periods Available				
Extra Lecture				
NOVEMBER		Unit I	1. Vector Algebra : Vectors, Scalars, Vector algebra, Laws of Vector algebra, Unit vector, Rectangular unit vectors, Components of a vector, Scalar fields, Vector fields, Problems based on Vector algebra. Dot or Scalar product, Cross or Vector product, Commutative and Distributive Laws, Scalar Triple product, Vector Triple product (Omit proofs). Problems and applications based on Dot, Cross and Triple products.	Completed on 29/11/19
Teaching Days	14			
Periods Allotted	7			
Periods Available	7			
Extra Lecture	3			
DECEMBER		Unit I	2. Gradient, divergence and curl: The ∇ operator, Definitions and physical significance of Gradient, Divergence and Curl; Distributive Laws for Gradient, Divergence and Curl (Omit proofs); Problems based on Gradient, Divergence and Curl.	Completed on 23/12/19
Teaching Days	20			
Periods Allotted	10			
Periods Available	10			
Extra Lecture				

JANUARY				
Teaching Days	16			
Periods Allotted	8			
Periods Available	8	Unit: II	1. Differential equations: Introduction, Ordinary differential equations, First order homogeneous and non-homogeneous equations with variable coefficients, Exact differentials, General first order Linear Differential Equation, Second-order homogeneous equations with constant coefficients. Problems depicting physical situations like LC and LR circuits, Simple Harmonic motion (spring mass system). 2. Transient response of circuits: Series LR, CR, LCR circuits. Growth and decay of currents/charge.	Completed on 17/01/20
Extra Lecture	2			
FEBRUARY				
Teaching Days	23			
Periods Allotted	13			
Periods Available	13	Unit:III	1. Superposition of Collinear Harmonic oscillations: Linearity and Superposition Principle. Superposition of two collinear oscillations having (1) equal frequencies and (2) different frequencies (Beats). 10 2. Superposition of two perpendicular Harmonic Oscillations: Graphical and Analytical Methods. Lissajous Figures with equal an unequal frequency and their uses 3. Wave Motion: Transverse waves on string, Travelling and standing waves on a string. Normal modes of a string, Group velocity, Phase velocity, Plane waves, Spherical waves, Wave intensity.	Completed on 28/02/20
Extra Lecture	2			
MARCH				
Teaching Days				
Periods Allotted				
Periods Available			semester examination theory and practical	
Extra Lecture				
APRIL				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				
MAY				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2019 - 2020)

Name of Faculty - Mr. S. B. Kanase

Class - F.Y.B.Sc | Semester - I and II

Paper - II | Paper Code - 102 and 202

Month		Unit / Practical	Sub-unit Planned	Remark
JUNE				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				
JULY				
Teaching Days	23	Unit I	1. Structure of Nuclei:Basic properties of nuclei, Composition, Charge, Size, Rutherford's expt. for estimation of nuclear size, density of nucleus, Mass defect and Binding energy, Packing fraction, BE/A vs A plot, stability of nuclei (N Vs Z plot) and problems.2. Radioactivity: Radioactive disintegration concept of natural and artificial radioactivity, Properties of α, β, γ-rays, laws of radioactive decay, half-life, mean life (derivation not required), units of radioactivity, successive disintegration and equilibriums, radioisotopes. Numerical Problems.	completed on 30/7/19
Periods Allotted	13			
Periods Available	13			
Extra Lecture	4			
AUGUST				
Teaching Days	22	Unit I Unit II	3. Carbon dating and other applications of radioactive isotopes (Agricultural, Medical, Industrial, Archaeological -information from net). Interaction between particles and matter, Ionization chamber, Proportional counter and GM counter, problems Nuclear Reactions: Types of Reactions and Conservation Laws. Concept of Compound and Direct Reaction, Q value equation and solution of the Q equation, problems. Fusion and fission definitions and qualitative discussion with examples.	completed on 31/08/19
Periods Allotted	12			
Periods Available	12			
Extra Lecture	4			
SEPTEMBER				
Teaching Days	18	Unit III	origin of quantum theory black body black body spectruments displacement law matter waves wave particle duality is inspere uncertain a deep principle division German experiment GP Thomson experiment X-rays production and properties continuous and characteristic x-ray spectra x ray diffraction brakes law application of accessories Compton effect air production photons and gravity gravitational red shift	completed on 28/9/19
Periods Allotted	8			
Periods Available	8			
Extra Lecture	4			

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OCTOBER				
Teaching Days			semester examination theory and practical	
Periods Allotted				
Periods Available				
Extra Lecture				
NOVEMBER				
Teaching Days	14	Unit I :	1. Alternating current theory:(Concept of L, R, and C: Review) AC circuit containing pure R, pure L and pure C, representation of sinusoids by complex numbers, Series L-R, C-R and LCR circuits. Resonance in LCR circuit (both series and parallel), Power in ac circuit. Q-factor. 2. AC bridges: AC-bridges: General AC bridge, Maxwell,de-Sauty, Wien Bridge , Hay Bridge.	Completed on 30/11/19
Periods Allotted	7			
Periods Available	7			
Extra Lecture	3			
DECEMBER				
Teaching Days	20	Unit II: Electronics	1.Circuit theorems: (Review: ohm's law, Kirchhoff's laws) Superposition Theorem, Thevenin's Theorem, Ideal Current Sources, Norton's Theorem, Reciprocity Theorem, Maximum Power Transfer Theorem. Numericals related to circuit analysis using the above theorems. 2.DC power supply:Half wave rectifier , Full wave rectifier, Bridge rectifier, PIV and Ripple factor of full wave rectifier, Clipper and Clampers(Basic circuits only), Capacitor Filter. Zener diode as voltage stabilizer.	Completed on 24/12/19
Periods Allotted	10			
Periods Available	10			
Extra Lecture				
JANUARY				
Teaching Days	16	Unit II: Electronics	3.Digital electronics : Logic gates(Review), NAND and NOR as universal building blocks. EXOR gate: logic expression, logic symbol, truth table, Implementation using basic gates and its applications, Boolean algebra, Boolean theorems. De-Morgan theorems, Half adder and Full adder	Completed on 18/01/20
Periods Allotted	8			
Periods Available	8			
Extra Lecture	2			
FEBRUARY				
Teaching Days	23	Unit III : Electrostatics and Magnetostatics	1.The Electric Field : Introduction, Coulomb's Law, The Electric Field, Continuous charge Distribution, Electric Potential, Introduction to Potential, Comments on Potential, The Potential of a Localized Charge Distribution 2.Work and Energy in Electrostatics: The Work Done to Move a charge, The Energy of a Point Charge Distribution 3.Magnetostatics: Magnetic Fields 4.TheBiotSavart Law: Steady Currents,The Magnetic Field of a Steady Current Helmholtz coil and solenoid.	Completed on 29/02/20
Periods Allotted	13			
Periods Available	13			
Extra Lecture	2			

MARCH				
Teaching Days			semester examination theory and practical	
Periods Allotted				
Periods Available				
Extra Lecture				
APRIL				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				
MAY				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2019 - 2020)

Name of Faculty - Mr. S. B. Kanase

Class - S.Y.B.Sc

Semester - III and IV

Paper -II

Paper Code - 302 and 402

Month		Unit / Practical	Sub-unit Planned	Remark
JUNE		Unit I vector calculus	I Line ,surface and volume integrals, the fundamental theorem of calculus ,the fundamental theorem of gradient, the fundamental theorem of divergence, the fundamental theorem of curl. problems based on these theorems required to be done	lecture starts from 10/06/2019 completed on 29/6/19
Teaching Days	21			
Periods Allotted	9			
Periods Available	9			
Extra Lecture				
JULY		Unit I vector calculus and Unit II analog electronics	II Curvilinear coordinates cylindrical coordinates, spherical coordinates Unit II analog electronics I Transistor biasing, inherent variations of transistor parameters, stabilization, essentials of a transistor biasing circuit, stability factor, methods of transistor biasing, base resistor method, emitter bias circuit, circuit analysis of emitter bias, biasing with collector feedback resistor, voltage divider bias method, stability factor for potential divider bias.	Completed on 27/7/19
Teaching Days	27			
Periods Allotted	13			
Periods Available	13			
Extra Lecture				
AUGUST		Unit II analog electronics and Unit III analog electronics	II General amplifier characteristics concept of amplification,amplifier notations, current gain ,voltage gain ,power gain input resistance, output resistance , general theory of feedback ,reasons for negative feedback, loop gain III Practical circuit of transistor amplifier ,phase reversal, frequency response ,decibel gain and bandwidth Unit III analog electronics Oscillators : introduction ,effect of positive feedback ,requirements for oscillations, phase shift oscillator , Wien bridge oscillator, Colpitts Oscillator, Hartley oscillator	Completed on 31/8/19
Teaching Days	25			
Periods Allotted	14			
Periods Available	14			
Extra Lecture				
SEPTEMBER		Unit III analog electronics	2 Operational amplifiers : introduction , schematic symbol of op amp, output voltage from Op-amp,AC analysis ,bandwidth of an Op-amp, slew rate ,frequency response of an Op-amp, Op-amp with negative feedback, inverting amplifier ,non inverting amplifier ,voltage follower ,summing amplifier, applications of summing amplifier , Op-amp integrator and differentiator ,critical frequency of integrator comparator	Completed on 28/9/19
Teaching Days	16			
Periods Allotted	8			
Periods Available	8			
Extra Lecture				

Amdar. Deepakbhai Kesarkar Science College Dodamarg Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

OCTOBER				
Teaching Days			semester examination theory and practical	
Periods Allotted				
Periods Available				
Extra Lecture				
NOVEMBER				
Teaching Days	13	Unit –I: The Schrodinger wave equation:	1. Concept of wave function, Born interpretation of wave function. 2. Concepts of operator in quantum mechanics examples – position, momentum and energy operators. 3. Eigenvalue equations, expectation values of operators. 4. Schrodinger equation. 5. Postulates of Quantum Mechanics.	completed on 30/11/19
Periods Allotted	8			
Periods Available	8			
Extra Lecture				
DECEMBER				
Teaching Days	20	Unit-II: Applications of Schrodinger steady state equation	1. Free particle. 2. Particle in infinitely deep potential well (one - dimension). 3. Particle in finitely deep potential well (one - dimension). 4. Step potential. 5. Particle in three dimension rigid box, degeneracy of energy state.	completed on 24/12/19
Periods Allotted	11			
Periods Available	11			
Extra Lecture				
JANUARY				
Teaching Days	26	Unit-III: Applications of Schrodinger steady state equation	1. Potential barrier (Finite height and width) penetration and tunneling effect (derivation of approximate transmission probability)	Completed on 14/1/20
Periods Allotted	10			
Periods Available	10			
Extra Lecture				
FEBRUARY				
Teaching Days	23		2. Theory of alpha particle decay from radioactive nucleus. 3. Harmonic oscillator (one-dimension), correspondence principle.	completed on 29/2/20
Periods Allotted	13			
Periods Available	13			
Extra Lecture				

MARCH				
Teaching Days	24		6. Analogy between Wave equation and Schrodinger equation. 7. Time dependent and time independent (Steady State) Schrodinger equation, Stationary State 8. Superposition principle. 9. Probability current density, Equation of continuity and its physical significance.	Completed on 12/3/20
Periods Allotted	9			
Periods Available	9			
Extra Lecture	2			
APRIL				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				
MAY				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2019 - 2020)

Name of Faculty - Mr. P. R. Pesai

Class - S.Y.B.Sc. Semester - III & IV

Paper - Physics-I Paper Code - 301 & 401

Month		Unit / Practical	Sub-unit Planned	Remark
JUNE		unit I--	i) Compound pendulum Expression for a period maximum and minimum time period, centres of suspension and oscillations ,reversible compound pendulum. Kater's reversible pendulum, compound pendulum and simple pendulum relative study.	Completed on 27/6/20
Teaching Days	21			
Periods Allotted	6			
Periods Available	6			
Extra Lecture	1			
JULY		Unit I--	ii) Centre of mass motion of the centre of mass, linear momentum of a particle linear momentum of system of particles ,linear momentum with respect to centre of mass co-ordinate, conservation of linear momentum, some applications of the momentum principle, system of variable mass Torque acting on a particle, angular momentum of a particle ,angular momentum of system of particles, total angular momentum with respect to centre of mass co-ordinate, conservation of angular momentum iii) Oscillations ,the simple harmonic oscillator, relation between simple harmonic motion and uniform circular motion ,two body oscillation damped harmonic motion, force oscillations and resonance	Completed on 29/7/20
Teaching Days	27			
Periods Allotted	14			
Periods Available	12			
Extra Lecture				
AUGUST		Unit II--	(Review of zeroth law and first law of thermodynamics) i)Conversion of heat into work, heat engine, Carnot's cycle its efficiency ii) Second law of thermodynamics ,statements, equivalence of Kelvin and plank statement, Carnot's theorem ,reversible and irreversible process absolute scale of temperature. iii) Clausius theorem ,entropy ,entropy of a cyclic process, reversible process , entropy change, reversible heat transfer ,principle of increase in entropy, generalized form of first and second law, entropy change of an ideal gas ,entropy of steam, entropy and unavailable energy, entropy and disorder absolute entropy	Completed on 29/8/20
Teaching Days	25			
Periods Allotted	10			
Periods Available	10			
Extra Lecture				
SEPTEMBER		Unit III--	i)Third law of thermodynamics, nernst heat theorem ,consequences of the third law ,Maxwell thermodynamic relations ,clausius - Clapeyron equation ,thermal expansion ii) Steam engine rankine cycle, Otto engine, efficiency of Otto cycle, diesel cycle, efficiency of diesel cycle, Otto and diesel comparison iii) Low temperature physics different methods of liquefaction of gases, methods of freezing cooling my evaporation, cooling by adiabatic expansion joule -Thomson effect ,JT effect of Van der Waals gas, liquefaction of helium, properties and uses of liquid helium	Completed on 30/9/20
Teaching Days	16			
Periods Allotted	8			
Periods Available	8			
Extra Lecture	4			

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OCTOBER				
Teaching Days	8		semester examination theory and practical	
Periods Allotted	8			
Periods Available	8			
Extra Lecture				
NOVEMBER				
Teaching Days	13		i. Introduction, Huygens's - Fresnel theory, Distinction between interference and diffraction, Fresnel and Fraunhoffer types of diffraction. ii. Introduction of Polarization, Natural light is unpolarized, Unpolarized and Polarized light iii. Brewster's law , Polaroid sheets iv. Prism and grating spectra ,Cornu's spiral, Fresnel's integrals.	completed on 25/11/20
Periods Allotted	6	Unit I		
Periods Available	6			
Extra Lecture				
DECEMBER				
Teaching Days	20		Diffraction: Fresnel's Diffraction: Fresnel's assumptions, Rectilinear propagation (Half period zones) of light, Diffraction pattern due to straight edge, Positions of maxima and minima in intensity, Intensity at a point inside the geometrical shadow (straight edge), Diffraction due to a narrow slit, Diffraction due to a narrow wire Fraunhoffer Diffraction : Introduction, Fraunhoffer diffraction at a single slit, Intensity distribution in diffraction pattern due to a single slit, Fraunhoffer diffraction at a double slit,Distinction between single slit and double slit diffraction pattern and missing orders, Plane diffraction Grating, Theory of plane transmission grating, Width of principal maxima .	Completed on 23/12/20
Periods Allotted	6			
Periods Available	6	Unit I		
Extra Lecture	2			
JANUARY				
Teaching Days	26		Polarization: Types of polarization, Plane polarized light, Circularly polarized light, Elliptically polarized light, Partially polarized light, Production of Plane polarized light, Polarization by reflection from dielectric surface, Polarization by refraction –pile of plates, Polarization by scattering, Polarization by selective Absorption, Polarization by double refraction, Polarizer and Analyzer, Malus' Law, Anisotropic crystal, Calcite crystal, Optic Axis, Double refraction in calcite crystal, Huygens' explanation of double refraction, Ordinary and Extra ordinary rays, Positive and Negative crystals, Superposition of waves linearly polarized at right angles,Superposition of e-Ray and o-Ray, Retarders, Quarter wave plate, Half wave plate, Production of linearly polarized light,Production of elliptically polarized light, Production of circularly polarized light, Analysis of polarized light, Applications of polarized light.	completed on 23/01/21
Periods Allotted	12			
Periods Available	10			
Extra Lecture	2	Unit II Polarization		

FEBRUARY				
Teaching Days	23			
Periods Allotted	12			
Periods Available	11			
Extra Lecture	3	Unit III--	i. Binary number system , Arithmetic building blocks , Types of registers Digital IC signal levels, Binary to Decimal ,Decimal to binary , Hexadecimal number, Hexadecimal to decimal Conversion, Decimal to hexadecimal conversion, Hexadecimal to binary conversion, Binary to hexadecimal conversion, Binary addition, Unsigned binary numbers, Sign magnitude numbers , 1's complement , 2's complement , Converting to and from 2's complement representation , 2's complement arithmetic, The adder-subtractor (ignore IC specific diagrams) RS Flip-Flops (only NOR gate latch, NAND gate latch) , Gated Flip-Flops, Edge-Triggered RS Flip-Flop, Edge- Triggered D Flip-Flop, Edge-Triggered J-K Flip-Flop, JK Master- Slave Flip-Flops, Bounce elimination switch Types of registers : SISO , SIPO, PISO , PIPO [in this chapter the teacher should make all IC specific diagrams into general diagrams ie. Ignore pin numbers and IC numbers] Asynchronous counter -3 bit (ignore IC specific diagrams), Synchronous counter only mod 8, Decade Counters Mod5 and Mod10	Completed on 29/2/20
MARCH				
Teaching Days	24			
Periods Allotted	9			
Periods Available	9			
Extra Lecture	2			
APRIL				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				
MAY				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				

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ANNUAL TEACHING PLAN

Academic year 2019-2020

Name of the faculty – **Mr. M. S. Patil**
Class – **B.Sc. II** semester – **III / IV**
Paper - **Paper II Chemistry** paper code -

month		Unit	Sub unit planned	remarks
June		1.1 Chemical Kinetics-II (7L)	Syllabus DISCUSSION AND BASIC 1.1 Chemical Kinetics-II 1.1.1 Types of Complex Chemical reactions: Reversible or opposing, consecutive and parallel reactions (No derivations, only examples expected), Thermal chain reactions: H. and Br. reaction. (only steps involved, no kinetic expression expected)* 1.1.2 Activation enery diagram 1.2 Solutions: (8 L) 1.2.1 Thermodynamics of ideal solutions: Ideal solutions and Raoult's law, deviations from Raoult's law–non-ideal solutions. Vapour pressure-composition and temperature -composition curves of ideal and non-ideal solutions. Distillation of solutions.Lever rule, Azeotropes.	02/07/2019 Completed
Teaching Days	21			
Periods Allotted	2			
Periods Available	2			
Extra Lecture	4			
July		1.2 Solutions: (8 L) 2. Selected topics on p block elements 15L	1.2.2 Partial miscibility of liquids: Critical solution temperature; effect of impurity on partial miscibility of liquids with respect to Phenol-Water, Triethanolamine – Water and Nicotine –Water systems, 1.2.3 Immiscibility of liquids- Principle of steam distillation, 1.2.4 Nernst distribution law and its applications, solvent extraction. 2.1 Chemistry of Boron compounds 2.1.1 Electron deficient compounds – BH3, BF3, BCl3 with respect to Lewis acidity and applications, 2.1.2 Preparation of simple boranes like diborane and tetraborane.2.1.3 Structure and bonding in diborane and tetraborane (2e-3c bonds), 2.1.4 Synthesis of Borax,	29/07/2019 completed
Teaching Days	27			
Periods Allotted	14			
Periods Available	14			
Extra Lecture	04			
August		2. Selected topics on p block elements 15L	2.2 Chemistry of Silicon and Germanium 2.2.1 Silicon compounds: Occurrence , Structure and inertness of SiO2, 2.2.2 Preparation of structure of SiCl4, 2.2.3 Occurrence and extraction of Germanium, 2.2.4 Preparation of extra pure Silicon and Germanium 2.3 Chemistry of Nitrogen family, 2.3.1 Trends in chemical reactivity - Formation of hydrides, halides, oxides with special reference to oxides of nitrogen,	27/08/2019 completed.
Teaching Days	25			
Periods Allotted	11			
Periods Available	11			
Extra Lecture	1			

Arvindbhai Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudurg Dodamarg, Tal.Dodamarg

September				
Teaching Days	16			
Periods Allotted	10			
Periods Available	10			
Extra Lecture	0	**3.0 Carbonyl Compounds 15L**	Unit III: Organic Chemistry 3.0 Carbonyl Compounds, 3.1 Nomenclature of aliphatic, alicyclic and aromatic carbonyl compounds. 3.2 Structure, reactivity of aldehydes and ketones 3.3 methods of preparation; Oxidation of primary and secondary alcohols using PCC, hydration of alkynes, action of Grignard reagent on esters, Rosenmund reduction, Gattermann – Koch formylation and Friedel Craft acylation of arenes 3.4 Reactions of aldehydes and ketones with NaHSO3, HCN, RMgX, alcohol, amine, phenyl hydrazine, 2,4-Dinitrophenyl hydrazine, LiAlH4 and NaBH4 , 3.5 Mechanisms of following reactions: Benzoin condensation, Knoevenagel condensation, Claisen-Schmidt and Cannizzaro reaction. Active	30/09/2019 completed
October				
Teaching Days	19			
Periods Allotted	8			
Periods Available	8			
Extra Lecture	1			
			3.6 Keto-enol tautomerism: Mechanism of acid and base catalysed enolizationmethylene compounds: Acetylacetone, ethyl acetoacetate diethyl malonate, stabilised enols. 3.7 Reactions of Acetylacetone and ethyl acetoacetate (alkylation, conversion to ketone, mono- and dicarboxylic acid)	06/10/2019 completed.
November				
Teaching Days	20			
Periods Allotted	11	1.1 Solid State **7L**	Syllabus DISCUSSION AND BASIC 1 Solid State1.1.1 Recapitulation of laws of crystallography and types of crystals, 1.1.2Characteristics of simple cubic, face centered cubic and body centered cubic systems, 1.1.3interplanar distance in cubic lattice (only expression for ratio of interplanar distances are expected),	02/12/2019
Periods Available	3			
Extra Lecture	02			
December				
Teaching Days	20	**1.1 Solid State** **1.2 Catalysis, 8L**	1.1.4 Use of X-rays in the study of crystal structure, Bragg's equation (derivation expected), X-rays diffraction method of studying crystal lattice structure, 1.1.5structure of NaCl and KCl. Determination of Avogadro's number (Numericals expected) 1.2 Catalysis 1.2.1 Types of catalysis, catalytic activity, specificity and selectivity, inhibitors, catalyst poisoning and deactivation 1.2.2Mechanisms and kinetics of acid-base catalyzed reactions, effect of pH, 1.2.3Mechanisms and kinetics of enzyme catalyzed reactions (Michaelis-Menten equation), 1.2.4 Effect of particle size and efficiency of nanoparticles as catalyst	24/12/2019
Periods Allotted	10			
Periods Available	10			
Extra Lecture	2			

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January		**2.1 Ions in aqeous medium**	2.0 Ions in aqeous medium, 2.1.1 Acidity of Cations and Basicity of Anions, 2.1.2 Hydration of Cations; Hydrolysis of Cations predicting degree of hydrolysis of Cations-effect of Charge and Radious,2.1.3 Latimer Equation, 2.1.4 Relationship between pKa, acidity and z2/r ratios of metal ions graphical Presentation,2.1.5 Classification of cations on the basis of acidity category – Non acidic, 2.1.6 Moderately acidic, strongly acidic, very strongly acidic with pKa values range and examples2.1.7 Hydration of Anions; Effect of Charge and Radius, 2.1.8Hydration of anions concept, diagram classification on the basis of basicity,	01/02/2020
Teaching Days	26			
Periods Allotted	8			
Periods Available	7			
Extra Lecture	0			
February		**2.2. Uses and Environmental Chemistry of volatile Oxides and oxo-acids, 8L** **3.1 Nitrogen containing compounds and heterocyclic compounds, 15L** **3.2 Diazonium Salts**	2.2. Uses and Environmental Chemistry of volatile Oxides and oxo-acids 2.2.1 Physical properties of concentrated oxo-acids like a- sulfuric, b-Nitric and c-Phosphoric acid, 2.2.2 Uses and environments aspects of these acids, 3.1.1 Amines: Nomenclature, effect of substituent on basicity of aliphatic and aromatic amines, 3.1.2. Preparation: Reduction ofaromaticnitro compounds using catalytic hydrogenation,chemical reduction using Fe-HCl, Sn-HCl, Zn-acetic acid, reduction of nitriles, ammonolysis of halides, reductive amination , Hofmann bromamide reaction, 3.1.2. Reactions-Salt Formation, N-acylation, N-alkylation, Hofmann's exhaustive methylation (HEM),Hofmann-elimination reaction, reaction with nitrous acid, carbylamine reaction, Electrophilic substitution in aromatic amines: bromination, nitration and sulphonation.	27/02/2020
Teaching Days	23			
Periods Allotted	11			
Periods Available	11			
Extra Lecture	1			
March		**3.3 Heterocyclic Compounds**	3.2.1 Preparation and their reactions/synthetic application - Sandmeyer reaction, Gattermann reaction, Gomberg reaction,3.2.2 Replacement of diazo group by -H,-OH. 3.2.3Azo coupling with phenols, naphthols and aromatic amines, reduction of diazonium salt to aryl hydrazine and hydroazobenzene, 3.3.1. Classification, nomenclature, electronic structure, aromaticity in 5-numbered and 6-membered rings containing one heteroatom, 3.3.2. Synthesis of Furan, Pyrrole (Paal-Knorr synthesis, Knorr pyrrole synthesis, and Hantzsch synthesis), Thiophene, Pyridine (Hantzsch synthesis), 3.3.3. Reactivity of furan, pyrrole and thiophene towards electrophilic substitution reactions on the basis of stability of intermediate and of pyridine on the basis of electron distribution.3.3.4 Reactivity of pyridine towards nucleophilic substitution on the basis of electron distribution.3.3.5 Reactions of furan, pyrrole and thiophene: halogenation, nitration, sulphonation, Vilsmeier-Haack reaction, Friedel-Crafts reaction. Furan: Diels-Alder reaction, Ring opening.3.3.6 Pyrrole: Acidity and basicity of pyrrole. Comparison of basicity of pyrrole and pyrrolidine,3.3.7 Pyridine: Basicity. Comparison of basicity of pyridine, pyrrole and piperidine. 3.3.8 Sulphonation of pyridine (with and without catalyst), reduction and action of sodamide (Chichibabin reaction)	06/03/2020
Teaching Days	24			
Periods Allotted	13			
Periods Available	13			
Extra Lecture	04			

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ANNUAL TEACHING PLAN

(Academic Year 2019 - 2020)

Name of Faculty - MR.N.M.CHOUGALE

Class - SY.BSC **Semester - III and IV**

Paper - Chemistry-I **Paper Code - 301 & 401**

Month		Unit	Sub-unit Planned	Remark
JUNE		unit I-- 1.1 chemical thermodynamics	1.1.1 Inroduction,Helmholtz free energy, Gibbs free energy 1.1.2 variation of Gibbs free energy with pressure & temperature, Giibs-Helmholtz equation 1.1.3 Numericals 1.1.4thermodynamics of open system, partial molal properties 1.1.5 chemical potential , variation of chemical potential 1,1.6 Gibbs-Duhem equation,concept of fugacity & activity 1.1.7 vant Hoff reaction isotherm & isochore 1.1.8 Numericals	lecture starts from 10/06/2019 Completed 23/06/2019
Teaching Days	21			
Periods Allotted	9			
Periods Available	8			
Extra Lecture				
JULY		Unit I--1.2 Electrochemistry	1.1.6 Gibbs-Duhem equation,concept of fugacity & activity 1.1.7 vant Hoff reaction isotherm & isochore 1.1.8 Numericals 1.2.1 Introduction,equivalent & molar conductance,cell constant 1.2.2variation with dilution for weak & strong electrolyte 1.2.3 Kohlrausch law, application in determination of degree of ionization & ionization constant 1.2.4 application in solubility & solubility product and ionic product 1.2.5.Transference number, moving boundry method 1.2.6 factors affecting on transference number, numericals 1.2.7 numericals 3.1.1 SN1, SN2 & mechanism 3.1.2 SNi mechanism, factors affecting on mechanism 3.1.3 Reactivity of aryl halides, addition-elimination mechanism, 3.1.4benzyne mechanism,cine substitution 3.1.5 Organomagnesium compounds,preparation, stability 3.1.6 reactions	Completed 24/07/2019
Teaching Days	27			
Periods Allotted	14			
Periods Available	12			
Extra Lecture	2			

AUGUST				
Teaching Days	**25**	Unit III-- 3.1 Reactions & reactivity of halogenated hydrocarnon 3.2 Alcohols, Phenols & Epoxides	3.1.5 Organomagnesium compounds,preparation, stability 3.1.6 reactions 3.1.7 Organolithium compounds, preparation & reactions 3.2.1 Alcohols, nomenclatur, praparations 3.2.2 Properties of alcohols, hydrogen bonding, acidity 3.2.3 Reactions of alcohols 3.3.1 Preparation, physical properties of phenol 3.3.2comparative acidic strength, resonance stabilization 3.3.3 Reactions of phenols 3.4.1 Epoxides,nomenclature,Preparation 3.4.2 Reactions of epoxides 2.1.1 Ionic bonding, condition of formation 2.1.2 Types of ionic crystal, radius ratio rule	Completed 31/08/2019
Periods Allotted	**13**			
Periods Available	**12**			
Extra Lecture	**1**			
SEPTEMBER		Unit II-- 2.1 Chemical bonding Non-Directional bonding 2.2 Directional bonding 2.3 MOT	2.1.3 lattice energy,born-lande equation,kapustinski equation 2.1.4 Born-Haber cycle,application 2.2.1 VBT, Basic tenets 2.2.2 potential energy diagram, correction two hydrogen atom system 2.2.3homonuclear diatomic molecules 2.2.4resonance & formal charge 2.2.5 hybridisation & its types 2.2.6 equinalent & non-equivalent hybrid orbitals 2.2.7 sp3 hybridisation of some molecules 2.3.1 comparision of atomic & molecular orbitals 2.3.2LCAO-MO approch 2.3.3 wave mechanicl treatment 2.3.4 MOT of O2 molecule 2.3.5 numericals	Completed 04/10/2019
Teaching Days	**16**			
Periods Allotted	**8**			
Periods Available	**8**			
Extra Lecture	**4**			
OCTOBER				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				

NOVEMBER				
Teaching Days	13	Unit-I 1) Electrochemistry 2) Phase Equilibria	1.1.1 Introduction,Electrochemical conventions 1.1.2 Reversible & irreversible cell,Nernst equation & its importance 1.1.3 Types of electrodes,standered electrode potential 1.1.4 Electrochemical series, numericals 1.1.5 Thermodynamics of reversible cell,calculation of thermodynamic properties ΔG 1.1.6 ΔH & ΔS , numericals	18-11-2019 Completed 19/11/2019
Periods Allotted	6			
Periods Available	6			
Extra Lecture				
DECEMBER				
Teaching Days	20	Unit- II 1)Comparative chemistry of transition metals	1.1.7 Calculation of equilibrium constant,Concentration cells with & without transference, 1.1.8 Liquid junction potential,& salt bridge 1.1.9 PH using hydrogen & quinhydrone electrode,numericals 1.2.1 Phase,components & degree of freedom of a system, 1.2.2 Gibbs phase rule & thermodynamic derivation 1.2.3 Clausis-Clapeyron equation,numericals 1.2.4Phase diagram of water 1.2.5 Phase diagram of sulphur	Completed 18/12/2019
Periods Allotted	6			
Periods Available	6			
Extra Lecture	2			
JANUARY				
Teaching Days	26	2) Coordination chemistry	1.2.6 Eutectics,congruents & incongruent melting points 1.2.7 Lead-Silver system 2.1.1 Postion in periodic table,natural occurance,ores & minerals 2.1.2 Electronic configuration,extra stability of d0,d5, d10 2.1.3 unusual oxidation state & stabilities 2.1.4 origin of color of transition metals 2.1.5 geometry o d-orbitals,charge transfer ability 2.1.6 magnetic properties	Completed 03/01/2020
Periods Allotted	12			
Periods Available	10			
Extra Lecture	4			

				2.1.7 quenching of orbital moment 2.1.9 chemistri of titanium & vanadium 2.1.10 Qualitative tests for transition metal ions 2.1.11 Applications 2.2.1Introduction to coordination compounds 2.2.2 Basic terms & nomenclature	
FEBRUARY					
Teaching Days	**23**			2.2.3 Types of ligand, stereoisomerism 2.2.4 Evidence of formation of coordination compounds 2.2.5 Werners Theory,effective atomic number rule 2.2.6 18 electron rule,VBT 2.2.7 VBT 2.2.8 Inner & outer orbital complexes 2.2.9 limitations of VBT,applications 3.1.1 Intoduction,Nomenclature 3.1.2 Properties,acidity 3.1.3 effects of substituents on acid strength 3.1.4 Preparation from oxidation of alcohols 3.1.5 Preparation from Grignards & nitriles 3.1.6 Reactions of carboxylic acids 3.1.7 HVZ reaction,conversion into derivatives	Completed 29/02/2020
Periods Allotted	**12**				
Periods Available	**11**				
Extra Lecture	**3**		Unit-III 1)Carboxylic acid & derivatives		
MARCH					
Teaching Days	**24**			3.1.8 nucleophilic acyl substitution 3.1.9 acid-catalysed nucleophilic acyl substitution 3.1.10 Interconversion of acid derivatives 3.1.11 claisen condensation 3.1.12 Dieckmann condensation 3.2.1 Nomenclature,preparationof aromatic sulphonic acids 3.2.2 acidity of arene sulphonic acid 3.2.3 comparative acidity of carboxylic acid & sulphonic acid 3.2.4 salt formation,desulphonation 3.2.5 Ractions with alcohols,PCl5 3.2.6 IPSO substitution	Completed 15/03/2020
Periods Allotted	**9**				
Periods Available	**9**		2) Sulphonic acids		
Extra Lecture	**2**				
APRIL					
Teaching Days					
Periods Allotted					

Periods Available				Examination
Extra Lecture				
MAY				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				

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ANNUAL TEACHING PLAN

(Academic Year 2019 - 2020)

Name of Faculty - MR.N.M.CHOUGALE

Class - TY.BSC Semester - V

Paper - I Physical Chemistry Paper Code - 501 & 601

Month		Unit	Sub-unit Planned	Remark
JUNE		Unit I--Molecular Spectroscopy	1.1.1 ROTATIONAL SPECTRUM Introduction to dipole moment,polarization of bond, 1.1.2 bond moment, molecular structure 1.1.3 Energy of rotational spectrum of diatomic molecule,rigid rotor,moment of inertia 1.1.4 Energy levels, selection rule, nature of spectrum. 1.1.5 Determination of internuclear distance & isotpic shift , numericals 1.2.1 VIBRATIONAL SPECTRUM Vibrational motion,degree of vibrations, mode of vibrations. 1.2.2 simple harmonic motion,vibrational spectrum of a diatomic molecule,energy levels. 1.2.3 zero point energy, conditions, selection rule, 1.2.4 nature of spectrum , numericals 1.3.1 VIBRATIONAL-ROTATIONAL SPECTRUM Energy levels, selection rule. 1.3.2 nature of spectrum, P & R branch lines 1.3.3 Anharmonic oscillater-energy levels,selection rule 1.3.4 fundamental band & overtones, determination of force constant & its significance 1.3.5 IR of H2O & CO2,NUMERICALS 1.4.1 RAMAN SPECTROSCOPY sattering of electromagnetic radiations, Rayleigh & Raman scattering. 1.4.2 nature of Raman spectrum, stokes & antistokes lines, Raman shift, numericals 1.4.3 quantum theory of raman spectrum, comparative study of IR & Raman spectra, mutual exclusion rule	lecture starts from 10/06/2019 Completed 05/07/2019
Teaching Days	21			
Periods Allotted	21			
Periods Available	17			
Extra Lecture				
JULY		Unit II--2.1 CHEMICAL THERMODYNAMICS 2.2 CHEMICAL KINETICS	2.1.1 Colligative property introduction, vapour pressure & relative lowering of vapour pressure 2.1.2 measurment of lowering of VP, numericals 2.1.3 Elevation in boiling point, derivation, molar mass of non volatile solute, numericals 2.1.4 Depression in freezing point, derivation, molar mass of solute 2.1.5 Beckmann & Rast method 2.1.6 numericals 2.1.7 Osmotic Pressure- Introduction, thermodynamic derivationof vant Hoff eq. 2.1.8 Berkeley & Hartleys method, numericals 2.1.9 reverse osmosis, apllications 2.1.10 numericals 2.2.1 Chemicals kinetics introduction,postulates of collision theory. 2.2.2 applications in bimolecular reactions,drawbacks 2.2.3 Lindemann theory derivation 2.2.4 classification of reaction ,stop flow	
Teaching Days	27			
Periods Allotted	26			

Month		Unit	Sub-unit Planned	Remark
Periods Available	22		method 2.2.5 flash photolysis method 3.1 Introduction, decay constant,half life,average life, units 3.2 characteristics of nuclear radiations, behavior of ion pair 3.3 G.M.counter, Scintillation counter 3.4 Radioisotop as tracer in chemical reaction mechanism 3.5 age determination-dating by C14, numericals 3.6 nuclear transmutaion, artificial radioactivity,	Completed 20/08/2019
AUGUST		Unit III-- NUCLEAR CHEMISTRY	3.7 Q-value, threshold energy,numericals 3.8 fissile & fertile material,nuclear fission 3.9 chain reaction,factor contolling fission process 3.10 multiplication factor & critical size 3.11 nuclear power reactor copmponents 3.12 nuclear power reactor 3.13 breeder reactor 3.14 nuclear fusion, 3.15 Thermonuclear reactions in steller bodies & earth 4.1.1 Physical & chemical adsorption, types of adsorption isotherm 4.1.2 langmuir adsorption postulates	Completed 4/09/2019
Teaching Days	25			
Periods Allotted	26			
Periods Available	20			
Extra Lecture				
SEPTEMBER		Unit IV-- 4.1 SURFACE CHEMISTRY 4.2 COLLOIDAL STATE	4.1.3 derivation 4.1.4 BET Postulates 4.1.5 derivation 4.1.6 determination of surface area 4.2.1 Introduction, types of solution 4.2.2 origin of colloidal particles 4.2.3 concept of electrical double layer, zeta potential 4.2.4 electrophoresis, electro-osmosis 4.2.5 streaming potential, sedimentation potential,donnan membrane equilibrium 4.2.6 colloidal electrolytes, micell formation 4.2.7surfactants, classification 4.2.8 application of detergents 4.2.9 applications of detergents	Completed 25/09/2019
Teaching Days	16			
Periods Allotted	15			
Periods Available	14			
Extra Lecture				
OCTOBER				Examination
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				

Month		Unit	Sub-unit Planned	Remark
NOVEMBER		Unit-I Electrochemistry	1.1.1Activity & Activity Coefficient:Lewis concept,Ionic Strength 1.1.2 Mean ionic activity & mean ionic activity coefficient 1.1.3 Expression for activities of electrolytes,Debye-Huckel limiting law 1.1.4 classification of cell,chemical cell with & without transference 1.1.5 Electrode conc. cell without transference 1.1.6 Electrolyte conc.cell with transference,numericals 1.1.7 Electrolyte conc. cell without transference, numericals 1.2.1 Concentration Polarization 1.2.2 Decomposition potential 1.2.3 factors affecting on ddecompostion potential	Completed 30/11/2019
Teaching Days	13			
Periods Allotted	12			
Periods Available	10			
Extra Lecture				
DECEMBER		Unit-II Polymers	1.2.7 Numericals 1.2.8 Numericals 1.2.4 Hydrogen overvoltage 1.2.5 Tafels equation 1.2.6 Experimental determination of overvoltage 1.2.7 Numericals 2.1.1 Basic terms 2.1.2 classification based on source & structure 2.1.2 classification based on response & physical properties 2.1.3 Number avg.,weight avg. molar mass 2.1.4 Viscocity avg. monodispersity & polydispersity 2.1.5 Numericals	Completed 19/12/2019
Teaching Days	20			
Periods Allotted	19			
Periods Available	12			
Extra Lecture				
JANUARY		Unit-III Quantum Chemistry	2.1.6 Viscosity method 2.1.7 Ostwalds viscometer,expression 2.1.8 LEP: Introduction 2.1.9 Characteristics & Preparation 2.1.10Applications of LEP 2.1.11 Antioxidents, UV stabilizers 2.1.12 colourant 2.1.13 antistatic agent 2.1.14 curing agent 2.1.15 Numericals 3.1.1 classical mechanics: Introductuion,black body radiations	
Teaching Days	26			
Periods Allotted	27			
Periods Available	17			
Extra Lecture				

Month			Unit	Sub-unit Planned	Remark
				3.1.2 Photoelectric effect,compton effect 3.1.3 Quantum mechanics: Introduction,Planks theory,wave particle duality 3.1.4 de-Broglies equation,Heisenberg uncertanity priniple 3.1.5 Numericals 3.1.6 Progressive & standing waves,Boundry conditions 3.1.7 Schrodinger equation,state function properties & significance	Completed 10/02/2020
FEBRUARY			Unit-IV NMR & ESR spectroscopy	3.1.8concept of operators 3.1.9 commutative & non-commutative operators 3.1.10 hamiltonian operator,Figen function & value 3.1.11 Renewable energy source: introduction,solar cells 3.1.12 Difference between semiconductor,insulator & conductor 3.1.13 silicon solar cell 3.1.14 Hydrogen: fuel for future,advantages 3.1.15 electrolysis of water 4.1.1NMR: Introduction,nuclear spin 4.1.2 magnetic moment 4.1.3 nuclear g factor 4.1.4 energy levels 4.1.5 Larmor precession 4.1.6 Relaxation process 4.1.7 NMR Instrumentation	Completed 06/03/2020
Teaching Days		23			
Periods Allotted		22			
Periods Available		19			
Extra Lecture					
MARCH				4.2.1 ESR: Principle 4.2.2 fundamental equation 4.2.3 g-value/factor 4.2.4 hyperfine splitting 4.2.5 ESR spectrometer 4.2.6 esr of hydrogen 4.2.7 esr of duterium 4.2.8 review	Completed 17/03/2020
Teaching Days		24			
Periods Allotted		22			
Periods Available		20			
Extra Lecture					
APRIL					Examination
Teaching Days					
Periods Allotted					
Periods Available					
Extra Lecture					

Month		Unit	Sub-unit Planned	Remark
MAY				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				

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sANNUAL TEACHING PLAN

Academic year 2019-2020

Name of the faculty – **Mr. M. S. Patil**
Class – **B.Sc. III** semester – **V / VI**
Paper - **Organic Chemistry** paper code -

month		Unit	Sub unit planned	remarks
June		Syllabus DISCUSSION AND BASIC Unit I 1.1 Mechanism of organic reactions (10 L)	Syllabus DISCUSSION AND BASIC Unit I 1.1 Mechanism of organic reactions (10 L) 1.1.1 The basic terms & concepts: bond fission, reaction intermediate electrophiles & nucleophiles, ligand, base,electrophilicity vs. acidity & nucleophilicity vs basicity. 1.1.2 Neighbouring group participation in nucleophilic substitution reactions, participation of lone pair of electrons, kinetics and stereochemical outcome, 1.1.3 Acyl nucleophilic substitution (Tetrahedral mechanism): Acid catalyzed esterification of carboxylic acids (AAC2) and base promoted hydrolysis of esters (BAC2). 1.1.4 Pericyclic reactions, classification and nomenclature 1.1.4.1 Electro cyclic reactions (ring opening and ring closing), cycloaddition, sigma tropic Rearrangement, group transfer reactions, cheletropic reaction (definition and one example of each type) 1.1.4.2 Pyrolytic elimination: Cope, Chugaev, pyrolysis of acetates	26/06/2019 completed
Teaching Days	21			
Periods Allotted	12			
Periods Available	12			
Extra Lecture	00			
July		Unit I 1.2 Photochemistry (5 L) Unit II 2.1 Stereochemistry I (5 L) 2.2 Agrochemicals (4L) 2.3 Heterocyclic chemistry: (6 L)	1.2 Photochemistry (5 L) 1.2.1 Introduction: Difference between thermal and photochemical reactions. Jablonski diagram, singlet and triplet states, allowed and forbidden transitions, fate of excited molecules, photosensitization, 1.2.3 Photochemistry of carbonyl compounds: Norrish I, Norrish II cleavages. Photo reduction (e.g. benzophenone to benzpinacol) Unit II 2.1 Stereochemistry I (5 L), 2.1.1 Molecular chirality and elements of symmetry: Mirror plane symmetry, inversion center, roation -reflection (alternating) axis. 2.1.2 Chirality of compounds without a stereo genic center cummulenes and biphenyls, 2.2 Agrochemicals (4 L) 2.2.1 General introduction & scope, meaning & examples of insecticides, herbicides, fungicide, rodenticide, pesticides, plant growth regulators, 2.2.2 Advantages & disadvantages of agrochemicals, 2.2.3 Synthesis & application of IAA (Indole Acetic Acid) & Endosulphan,	
Teaching Days	27			
Periods Allotted	27			
Periods Available	23			
Extra Lecture	0			

Amdar. Deepakbhai Kesarbhai Science College Dodamarg Tal.Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

			nitrogen rule, rule of 13 for determination of empirical formula and molecular formula, Fragmentation of alkanes and aliphatic carbonyl compounds, 4.2 Natural Products: (10L) 4.2.1. Terpenoids: Introduction, Isoprene rule, special isoprene rule and the gem-dialkyl rule , 4.2.2 Citral: a) Structural determination of citral. b) Synthesis of citral from methyl heptenone c) Isomerism in citral. (Cis and trans form). 4.2.3. Alkaloids Introduction and occurrence, Hofmann's exhaustive methylation and degradation in: simple open chain and N – substituted monocyclic amines,	25/09/2019 completed
October			4.2.4 Nicotine: a) Structural determination of nicotine. (Pinner's work included), b) Synthesis of nicotine from nicotinic acid c) Harmful effects of nicotine, 4.2.5 Hormones: Introduction, structure of adrenaline (epinephrine), physiological action of adrenaline,Synthesis of adrenaline from a) Catechol b) p-hydroxybenzaldehyde (Ott's synthesis)	05/10/2019 completed
Teaching Days	24			
Periods Allotted	25			
Periods Available	18			
Extra Lecture	00			
November				
Teaching Days	13			
Periods Allotted	12			
Periods Available	10			
Extra Lecture				
December		**Syllabus DISCUSSION** 1.1 Stereochemistry II 1.2 Amino acids & Proteins	1.1 Stereochemistry II 1.1.1 Stereoselectivity and stereospecificity: Idea of enantioselectivity (ee) and diastereoselectivity (de) , 1.1.2 Topicity : enantiotopic and diasterotopic atoms, groups and faces. 1.1.3 Stereochemistry of – i) Substitution reactions : SNi (reaction of alcohol with thionyl chloride) ii) Elimination reactions: E2–Base induced dehydrohalogenation of 1-bromo-1,2-diphenylpropane. iii) Addition reactions to olefins: a) bromination (electrophilic anti addition) b) syn hydroxylation with OsO4 and KMnO4 c) epoxidation followed by hydrolysis 1.2 Amino acids & Proteins 1.2.1 α-Amino acids: General Structure, configuration, and classification based on structure and nutrition.	
Teaching Days	20			
Periods Allotted	20			
Periods Available	19			
Extra Lecture	00			

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			1.2.2 Properties: pH dependency of ionic structure, isoelectric point and zwitter ion. 1.2.3 Methods of preparations: Strecker synthesis, Gabriel phthalamide synthesis, 1.2.4 Polypeptides and Proteins: nature of peptide bond. Nomenclature and representation of polypeptides (di-and tri-peptides) with examples 1.2.5 Merrifield solid phase polypeptide synthesis. 1.2.6 Protiens:general idea of primary,secondary,tertiary & quaternary structure	20/12/2019 completed
January		**2.1 Molecular Rearrangements 2.2 Carbohydrates**	2.1 Molecular Rearrangements 2.1.1 Migration to the electron deficient carbon: Pinacol-pinacolone rearrangement. 2.1.2 Migration to the electron deficient nitrogen: Beckmann rearrangement. 2.1.3 Migration involving a carbanion : Favorski rearrangement. 2.1.4 Name reactions: Michael addition, Wittig reaction. 2.2 Carbohydrates 2.2.1 Introduction: classification, reducing and non-reducing sugars, DL notation, 2.2.2 Structures of monosaccharides: Fischer projection (4-6 carbon monosaccharides) 2.2.3 Haworth formula (furanose and pyranose forms of pentoses and hexoses) 2.2.4 Interconversion: open chain and Haworth forms of monosaccharides with 5 and 6 carbons. 2.2.5 Chair conformation with stereochemistry of D-glucose, Stability of chair form of D-glucose 2.2.6 Stereoisomers of D-glucose: enantiomer, diastereomers, anomers, epimers. 2.2.7 Mutarotation in D-glucose with mechanism 2.2.8 Chain lengthening & shortening reactions: Modified Kiliani-Fischer synthesis (D-arabinose to D-glucose and D-mannose), Wohl method (D-glucose to D-arabinose), 2.2.8 Reactions of D-glucose and D-fructose:(a) Osazone formation (b) reduction: Hi/Ni, NaBH4 (c) oxidation: bromine water, HNO3, HIO4 (d) acetylation (e) methylation:(d) and (e) with cyclic pyranose forms 2.2.9 Glycosides: general structure,	05/02/2020 completed
Teaching Days	26			
Periods Allotted	15			
Periods Available	15			
Extra Lecture	00			
February		**3.1 Spectroscopy II 3.2 Nucleic Acids 4.1 Polymer**	3.1 Spectroscopy II 3.1.1 IR Spectroscopy: Basic theory, nature of IR spectrum, selection rule, fingerprint region. 3.1.2 PMR Spectroscopy: Basic theory of PMR, nature of PMR spectrum, chemical shift (δunit),standard for PMR, solvents used.	
Teaching Days	23			
Periods Allotted	22			
Periods Available	22			

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Extra Lecture	00		3.1.3 Factors affecting chemical shift: (1) inductive effect (2) anisotropic effect (with reference to C=C, C≡C, C=O and benzene ring). 3.1.4 Spin- spin coupling and coupling constant. application of deuterium exchange technique. 3.1.5 application of PMR in structure determination. 3.1.6 Spectral characteristics of following classes of organic compounds, including benzene and monosubstituted benzenes, with respect to IR and PMR: (1) alkanes (2) alkenes (3) alkynes (4) haloalkanes (5) alcohols (6) carbonyl compounds (7) ethers (8) amines (broad regions characteristic of different groups are expected).3.1.6 Problems of structure elucidation of simple organic compounds using individual or combined use of UV-Vis, IR, Mass and NMR spectroscopic technique are expected. (Index of hydrogen deficiency should be the first step in solving the problems). 3.2 Nucleic Acids 3.2.1Controlled hydrolysis of nucleic acids. sugars and bases in nucleic acids. 3.2.2Structures of nucleosides and nucleotides in DNA and RNA. Structures of nucleic acids (DNA and RNA) including base pairing. 4.1 Polymer 4.1.1 Introduction: terms monomer, polymer, homopolymer, copolymer, thermo plastics and thermosets. 4.1.2 Addition polymers: polyethylene, polypropylene, teflon, polystyrene, PVC, Uses.4.1.3 Condensation polymers: polyesters, polyamides, polyurethanes, polycarbonates, phenol formaldehyde resins.Uses 4.1.4 Stereochemistry of polymers: Tacticity, mechanism of stereochemical control of polymerization using Ziegler Natta catalysts.4.1.5 Natural and synthetic rubbers: Polymerisation of isoprene: 1,2 and 1,4 addition (cis and trans), Styrene butadiene copolymer.	01/03/2020 Completed
March		**4.1 Polymer** **4.2 Catalysts and Reagents**	4.1.6 Additives to polymers: Plasticisers, stabilizers and fillers. 4.1.7 Biodegradable polymers: Classification and uses. polylactic acid structure, properties and use for packaging and medical purposes. 4.2.1 Catalysts: Catalysts for hydrogenation: a. Raney Nickel,b. Pt and PtO2 (C=C, CN, NO2, aromatic ring),c. Pd/C : C=C, COCl→CHO (Rosenmund), d. Lindlar catalyst: alkynes 4.2.2 Reagents: a. LiAlH4 (reduction of CO, COOR, CN,NO2),b. NaBH4 (reduction of CO) c. SeO2 (Oxidation of CH2 alpha to CO),d. mCPBA (epoxidation of C=C) e. NBS (allylic and benzylic bromination)	05/03/2020 completed.
Teaching Days	24			
Periods Allotted	15			
Periods Available	12			
Extra Lecture	00			

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2021 - 2022)

Name of Faculty - ~~Mr. S.B. Kan~~ Mr. P. R. Desai
Class - F.Y. B.Sc
Paper - I

Semester - I and II
Paper Code - 101 and 201

Month		Unit / Practical	Sub-unit Planned	Remark
JUNE				
Teaching Days				
Periods Allotted				
Periods Available				
JULY				
Teaching Days				
Periods Allotted				
Periods Available				
~~AUGUST~~ July				
Teaching Days	24			
Periods Allotted	12			
Periods Available	12	Unit I	Unit I Newton's laws Newton's first law second and third laws of motion interpretation and applications pseudo forces initial and non inertial frame of reference walked out examples Elasticity review of elastic constants Y,K, equivalence of shear strain to compression and extension strains relation between elastic constants, couple for twist in cylinder Fluid dynamics equation of continuity bernoulli's equation applications of bernoulli's equation streamline and turbulent flow lines of low in air foil is equation	Completed on 30/7/21
Extra lecture	0			
~~SEPTEMBER~~ August				
Teaching Days	21			
Periods Allotted	11			
Periods Available	10	Unit II	Lens makers formula, Newton's lens equation, magnification lateral longitudinal and angular Equivalent focal length of two thin lenses thick lens cardinal points of thick lens rams dens and Huygen's eyepiece Aberration spherical aberration reduction of spherical ab aberration chromatic aberration and condition for a chromatic aberration Interference interference in 3 films fringes in which shape films Newton's rings	Completed on 30/8/21
Extra lecture	5			

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~~OCTOBER~~ September				
Teaching Days	23	Unit III	Behaviour of real gases and real gas equation vendor walls equation Thermodynamic systems zeroth law of thermodynamics concept of heat the first law non	Completed on 29/9/21
Periods Allotted	11			
Periods Available	11			
Extra lecture	~~X~~ 1			
~~NOVEMBER~~ october				
Teaching Days	13		adiabatic process and heat as a path function internal energy it capacity and specific heat applications of first law to simple processes general relations from the first law indicator diagrams work done during isothermal and adiabatic process work examples and problems semester examination theory and practical	Completed on 13/10/21
Periods Allotted	7			
Periods Available	~~X~~ 6			
Extra lecture				
DECEMBER				
Teaching Days	21	Unit I	1. Vector Algebra : Vectors, Scalars, Vector algebra, Laws of Vector algebra, Unit vector, Rectangular unit vectors, Components of a vector, Scalar fields, Vector fields, Problems based on Vector algebra. Dot or Scalar product, Cross or Vector product, Commutative and Distributive Laws, Scalar Triple product, Vector Triple product (Omit proofs). Problems and applications based on Dot, Cross and Triple products.	Completed on 24/12/21
Periods Allotted	10			
Periods Available	9			
Extra lecture	2			
JANUARY				
Teaching Days	17		2. Gradient, divergence and curl: The ∇ operator, Definitions and physical significance of Gradient, Divergence and Curl; Distributive Laws for Gradient, Divergence and Curl (Omit proofs); Problems based on Gradient, Divergence and Curl.	Completed on 14/1/22
Periods Allotted	4			
Periods Available	4			
Extra lecture	5			
FEBRUARY				
Teaching Days	22	Unit: II	1. Differential equations: Introduction, Ordinary differential equations, First order homogeneous and non-homogeneous equations with variable coefficients, Exact differentials, General first order Linear Differential Equation, Second-order homogeneous equations with constant coefficients. Problems depicting physical situations like LC and LR circuits, Simple Harmonic motion (spring mass system). 2. Transient response of circuits: Series LR, CR, LCR circuits. Growth and decay of currents/charge.	Completed on 28/2/22
Periods Allotted	11			
Periods Available	10			
Extra lecture	1			

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MARCH				
Teaching Days	25	Unit:III	1. Superposition of Collinear Harmonic oscillations: Linearity and Superposition Principle. Superposition of two collinear oscillations having (1) equal frequencies and (2) different frequencies (Beats). 10	completed on 16/3/22
Periods Allotted	13			
Periods Available	12			
Extra lecture				
APRIL			2. Superposition of two perpendicular Harmonic Oscillations: Graphical and Analytical Methods. Lissajous Figures with equal an unequal frequency and their uses 3. Wave Motion: Transverse waves on string, Travelling and standing waves on a string. Normal modes of a string, Group velocity, Phase velocity, Plane waves, Spherical waves, Wave intensity.	completed on 13/4/22
Teaching Days	23			
Periods Allotted	11			
Periods Available	11			
Extra lecture				
MAY				
Teaching Days				
Periods Allotted				
Periods Available				

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2021 - 2022)

Name of Faculty - Mr. S. B. Kanase

Class - F.Y.B.Sc

Semester - I and II

Paper - II

Paper Code - 102 and 202

Month		Unit / Practical	Sub-unit Planned	Remark
JUNE				
Teaching Days				
Periods Allotted				
Periods Available				
Extra lecture				
JULY				
Teaching Days				
Periods Allotted				
Periods Available				
Extra lecture				
~~AUGUST~~ July		Unit I	1. Structure of Nuclei:Basic properties of nuclei, Composition, Charge, Size, Rutherford's expt. for estimation of nuclear size, density of nucleus, Mass defect and Binding energy, Packing fraction, BE/A vs A plot, stability of nuclei (N Vs Z plot) and problems.2. Radioactivity: Radioactive disintegration concept of natural and artificial radioactivity, Properties of α, β, γ-rays, laws of radioactive decay, half-life, mean life (derivation not required), units of radioactivity, successive disintegration and equilibriums, radioisotopes. Numerical Problems. 3. Carbon dating and other applications of radioactive isotopes (Agricultural, Medical, Industrial, Archaeological -information from net).	Completed on 31/7/21
Teaching Days	24			
Periods Allotted	12			
Periods Available	12			
Extra lecture	1			
~~SEPTEMBER~~ August		Unit II	Interaction between particles and matter, Ionization chamber, Proportional counter and GM counter, problems Nuclear Reactions: Types of Reactions and Conservation Laws. Concept of Compound and Direct Reaction, Q value equation and solution of the Q equation, problems. Fusion and fission definitions and qualitative discussion with examples.	Completed on 31/8/21
Teaching Days	21			
Periods Allotted	11			
Periods Available	10			
Extra lecture	4			

Amdar Deepakbhai Kesarkar Science College Dodamarg Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

~~OCTOBER~~ September				
Teaching Days	23	Unit III	origin of quantum theory black body black body spectruments displacement law matter waves wave particle duality is inspere uncertain a deep principle division German experiment GP	Completed on 30/9/21
Periods Allotted	11			
Periods Available	11			
Extra lecture	1			
~~NOVEMBER~~ October				
Teaching Days	13		Thomson experiment X-rays production and properties continuous and characteristic x-ray spectra x ray diffraction brakes law application of accessories Compton effect air production photons and gravity gravitational red shift semester examination theory and practical	Completed on 16/10/21
Periods Allotted	7			
Periods Available	7			
Extra lecture				
DECEMBER				
Teaching Days	21	Unit I :	1. Alternating current theory:(Concept of L, R, and C: Review) AC circuit containing pure R, pure L and pure C, representation of sinusoids by complex numbers, Series L-R, C-R and LCR circuits. Resonance in LCR circuit (both series and parallel), Power in ac circuit. Q-factor. 2. AC bridges: AC-bridges: General AC bridge, Maxwell,de-Sauty, Wien Bridge , Hay Bridge.	Completed on 23/12/21
Periods Allotted	10			
Periods Available	9			
Extra lecture				
JANUARY				
Teaching Days	17	Unit II: Electronics	1.Circuit theorems: (Review: ohm's law, Kirchhoff's laws) Superposition Theorem, Thevenin's Theorem, Ideal Current Sources, Norton's Theorem, Reciprocity Theorem, Maximum Power Transfer Theorem.	Completed on 22/1/22
Periods Allotted	4			
Periods Available	4			
Extra lecture				
FEBRUARY				
Teaching Days	22		Numericals related to circuit analysis using the above theorems. 2.DC power supply:Half wave rectifier , Full wave rectifier, Bridge rectifier, PIV and Ripple factor of full wave rectifier, Clipper and Clampers(Basic circuits only), Capacitor Filter. Zener diode as voltage stabilizer. 3.Digital electronics : Logic gates(Review), NAND and NOR as universal building blocks. EXOR gate: logic expression, logic symbol, truth table, Implementation using basic gates and its applications, Boolean algebra, Boolean theorems. De-Morgan theorems, Half adder and Full adder	Completed on 26/2/22
Periods Allotted	11			
Periods Available	10			
Extra lecture	1			

MARCH		Unit III : Electrostatics and Magnetostatics	1.The Electric Field : Introduction, Coulomb's Law, The Electric Field, Continuous charge Distribution, Electric Potential, Introduction to Potential, Comments on Potential, The Potential of a Localized Charge Distribution	Completed on 26/3/22
Teaching Days	25			
Periods Allotted	13			
Periods Available	12			
Extra lecture	3			
APRIL			2.Work and Energy in Electrostatics: The Work Done to Move a charge, The Energy of a Point Charge Distribution 3.Magnetostatics: Magnetic Fields 4.TheBiotSavart Law: Steady Currents,The Magnetic Field of a Steady Current Helmholtz coil and solenoid.	Completed on 9/4/22
Teaching Days	23			
Periods Allotted	11			
Periods Available	11			
Extra lecture				
MAY				
Teaching Days				
Periods Allotted				
Periods Available				
Extra lecture				

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2021 - 2022)

Name of Faculty - Mr. P. R. Pesari

Class - S.Y.B.Sc. Semester - III & IV

Paper - Physics-I Paper Code - 301 & 401

Month		Unit / Practical	Sub-unit Planned	Remark
JUNE		unit I--	i) Compound pendulum Expression for a period maximum and minimum time period, centres of suspension and oscillations ,reversible compound pendulum. Kater's reversible pendulum, compound pendulum and simple pendulum relative study.	lecture starts from 21/06/2021 Completed on 25/6/21
Teaching Days	10			
Periods Allotted	3			
Periods Available	3			
Extra lecture				
JULY		Unit I--	ii) Centre of mass motion of the centre of mass, linear momentum of a particle linear momentum of system of particles ,linear momentum with respect to centre of mass co-ordinate, conservation of linear momentum, some applications of the momentum principle, system of variable mass Torque acting on a particle, angular momentum of a particle ,angular momentum of system of particles, total angular momentum with respect to centre of mass co-ordinate, conservation of angular momentum iii) Oscillations ,the simple harmonic oscillator, relation between simple harmonic motion and uniform circular motion ,two body oscillation damped harmonic motion, force oscillations and resonance	Completed on 29/7/21
Teaching Days	26			
Periods Allotted	12			
Periods Available	12			
Extra lecture	5			
AUGUST		Unit II--	(Review of zeroth law and first law of thermodynamics) i)Conversion of heat into work, heat engine, Carnot's cycle its efficiency ii) Second law of thermodynamics , statements, equivalence of Kelvin and plank statement, Carnot's theorem ,reversible and irreversible process absolute scale of temperature. iii) Clausius theorem ,entropy ,entropy of a cyclic process, reversible process , entropy change, reversible heat transfer ,principle of increase in entropy, generalized form of first and second law, entropy change of an ideal gas , entropy of steam, entropy and unavailable energy, entropy and disorder absolute entropy	Completed on 30/8/21
Teaching Days	22			
Periods Allotted	12			
Periods Available	12			
Extra lecture	2			

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SEPTEMBER				
Teaching Days	**22**	Unit III--	i)Third law of thermodynamics, nernst heat theorem ,consequences of the third law , Maxwell thermodynamic relations ,clausius - Clapeyron equation ,thermal expansion ii) Steam engine rankine cycle, Otto engine, efficiency of Otto cycle, diesel cycle, efficiency of diesel cycle, Otto and diesel comparison iii) Low temperature physics different methods of liquefaction of gases, methods of freezing cooling my evaporation, cooling by adiabatic expansion joule -Thomson effect , JT effect of Van der Waals gas, liquefaction of helium, properties and uses of liquid helium	Completed on 30/9/21
Periods Allotted	**11**			
Periods Available	**11**			
Extra lecture				
OCTOBER			semester examination theory and practical	
Teaching Days	**1**			
Periods Allotted	**1**			
Periods Available	**1**			
Extra lecture				
NOVEMBER		Unit I	i. Introduction, Huygens's - Fresnel theory, Distinction between interference and diffraction, Fresnel and Fraunhoffer types of diffraction. ii. Introduction of Polarization, Natural light is unpolarized, Unpolarized and Polarized light iii. Brewster's law , Polaroid sheets iv. Prism and grating spectra ,Cornu's spiral, Fresnel's integrals.	Completed on 29/11/22
Teaching Days	**20**			
Periods Allotted	**4**			
Periods Available	**4**			
Extra lecture				
DECEMBER		Unit I	Diffraction: Fresnel's Diffraction: Fresnel's assumptions, Rectilinear propagation (Half period zones) of light, Diffraction pattern due to straight edge, Positions of maxima and minima in intensity, Intensity at a point inside the geometrical shadow(straight edge), Diffraction due to a narrow slit, Diffraction due to a narrow wire Fraunhoffer Diffraction : Introduction, Fraunhoffer diffraction at a single slit, Intensity distribution in diffraction pattern due to a single slit, Fraunhoffer diffraction at a double slit,Distinction between single slit and double slit diffraction pattern and missing orders, Plane diffraction Grating, Theory of plane transmission grating, Width of principal maxima .	Completed on 30/12/22
Teaching Days	**21**			
Periods Allotted	**10**			
Periods Available	**10**			
Extra lecture				

JANUARY				
Teaching Days	**20**			
Periods Allotted	**5**			
Periods Available	**5**			
Extra lecture		Unit II Polarization	Polarization: Types of polarization, Plane polarized light, Circularly polarized light, Elliptically polarized light, Partially polarized light, Production of Plane polarized light, Polarization by reflection from dielectric surface, Polarization by refraction –pile of plates, Polarization by scattering, Polarization by selective Absorption, Polarization by double refraction, Polarizer and Analyzer, Malus' Law, Anisotropic crystal, Calcite crystal, Optic Axis, Double refraction in calcite crystal, Huygens' explanation of double refraction, Ordinary and Extra ordinary rays, Positive and Negative crystals, Superposition of waves linearly polarized at right angles, Superposition of e-Ray and o-Ray, Retarders, Quarter wave plate, Half wave plate, Production of linearly polarized light, Production of elliptically polarized light, Production of circularly polarized light, Analysis of polarized light, Applications of polarized light.	Completed on 17/1/22
FEBRUARY				
Teaching Days	**23**			
Periods Allotted	**10**			
Periods Available	**10**			
Extra lecture		Unit III--	i. Binary number system , Arithmetic building blocks , Types of registers Digital IC signal levels, Binary to Decimal , Decimal to binary , Hexadecimal number, Hexadecimal to decimal Conversion, Decimal to hexadecimal conversion, Hexadecimal to binary conversion, Binary to hexadecimal conversion, Binary addition, Unsigned binary numbers, Sign magnitude numbers , 1's complement , 2's complement , Converting to and from 2's complement representation , 2's complement arithmetic, The adder-subtractor (ignore IC specific diagrams) RS Flip-Flops (only NOR gate latch, NAND gate latch) , Gated Flip-Flops, Edge-Triggered RS Flip-Flop, Edge- Triggered D Flip-Flop, Edge-Triggered J-K Flip-Flop, JK Master- Slave Flip-Flops, Bounce elimination switch	Completed on 28/2/22
MARCH				
Teaching Days	**24**			
Periods Allotted	**14**			
Periods Available	**14**			
Extra lecture			Types of registers : SISO , SIPO, PISO , PIPO [in this chapter the teacher should make all IC specific diagrams into general diagrams ie. Ignore pin numbers and IC numbers] Asynchronous counter -3 bit (ignore IC specific diagrams), Synchronous counter only mod 8, Decade Counters Mod5 and Mod10	Completed on 31/3/22

APRIL				
Teaching Days			semester examination theory and practical	
Periods Allotted				
Periods Available				
Extra lecture				
MAY				
Teaching Days				
Periods Allotted				
Periods Available				
Extra lecture				

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ANNUAL TEACHING PLAN

(Academic Year 2021 - 2022)

Name of Faculty - Mr. P. R. Dhari

Class - S.Y.B.Sc

Semester - III and IV

Paper -II

Paper Code - 302 and 402

Month		Unit / Practical	Sub-unit Planned	Remark
JUNE		Unit I vector calculus	I Line ,surface and volume integrals, the fundamental theorem of calculus ,the fundamental theorem of gradient, the fundamental theorem of divergence, the fundamental theorem of curl. problems based on these theorems required to be done	lecture start from 21/06/2021 Completed on 29/6/21
Teaching Days	10			
Periods Allotted	4			
Periods Available	4			
Extra Lecture				
JULY		Unit I vector calculus and Unit II analog electronics	II Curvilinear coordinates cylindrical coordinates, spherical coordinates Unit II analog electronics I Transistor biasing, inherent variations of transistor parameters, stabilization, essentials of a transistor biasing circuit, stability factor, methods of transistor biasing, base resistor method, emitter bias circuit, circuit analysis of emitter bias, biasing with collector feedback resistor, voltage divider bias method, stability factor for potential divider bias.	Completed on 31/7/21
Teaching Days	26			
Periods Allotted	18			
Periods Available	18			
Extra Lecture				
AUGUST		Unit II analog electronics and Unit III analog electronics	II General amplifier characteristics concept of amplification,amplifier notations, current gain ,voltage gain ,power gain input resistance, output resistance , general theory of feedback ,reasons for negative feedback, loop gain III Practical circuit of transistor amplifier ,phase reversal, frequency response ,decibel gain and bandwidth Unit III analog electronics Oscillators : introduction ,effect of positive feedback , requirements for oscillations, phase shift oscillator , Wien bridge oscillator, Colpitts Oscillator, Hartley oscillator	Completed on 31/8/21
Teaching Days	22			
Periods Allotted	13			
Periods Available	13			
Extra Lecture	2			
SEPTEMBER		Unit III analog electronics	2 Operational amplifiers : introduction ,schematic symbol of op amp, output voltage from Op-amp,AC analysis ,bandwidth of an Op-amp, slew rate ,frequency response of an Op-amp, Op-amp with negative feedback, inverting amplifier ,non inverting amplifier ,voltage follower ,summing amplifier, applications of summing amplifier , Op-amp integrator and differentiator ,critical frequency of integrator comparator	Completed on 28/9/21
Teaching Days	22			
Periods Allotted	9			
Periods Available	9			
Extra Lecture				

OCTOBER				
Teaching Days	**1**		semester examination theory and practical	
Periods Allotted	**1**			
Periods Available	**1**			
Extra Lecture				
NOVEMBER				
Teaching Days	**20**			
Periods Allotted	**5**	Unit –I: The Schrodinger wave equation:	1. Concept of wave function, Born interpretation of wave function. 2. Concepts of operator in quantum mechanics examples – position, momentum and energy operators. 3. Eigenvalue equations, expectation values of operators. 4. Schrodinger equation.	Completed on 30/11/21
Periods Available	**5**			
Extra Lecture				
DECEMBER				
Teaching Days	**21**		5. Postulates of Quantum Mechanics. 6. Analogy between Wave equation and Schrodinger equation. 7. Time dependent and time independent (Steady State) Schrodinger equation, Stationary State 8. Superposition principle. 9. Probability current density, Equation of continuity and its physical significance. 1. Free particle. 2. Particle in infinitely deep potential well (one - dimension).	Completed on 24/12/21
Periods Allotted	**10**	Unit-II: Applications of Schrodinger steady state equation		
Periods Available	**10**			
Extra Lecture	**5**			
JANUARY				
Teaching Days	**20**		3. Particle in finitely deep potential well (one - dimension). 4. Step potential. 5. Particle in three dimension rigid box, degeneracy of energy state.	Completed on 25/1/22
Periods Allotted	**9**			
Periods Available	**9**			
Extra Lecture				
FEBRUARY				
Teaching Days	**23**		1. Potential barrier (Finite height and width) penetration and tunneling effect (derivation of approximate transmission probability)	Completed on 26/2/22
Periods Allotted	**14**	Unit-III: Applications of Schrodinger steady state equation		
Periods Available	**14**			
Extra Lecture				

MARCH				
Teaching Days	24		2. Theory of alpha particle decay from radioactive nucleus. 3. Harmonic oscillator (one-dimension), correspondence principle.	completed on 29/3/22
Periods Allotted	14			
Periods Available	14			
Extra Lecture				
APRIL				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				
MAY				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				

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ANNUAL TEACHING PLAN

(Academic Year 2021 - 2022)

Name of Faculty - Mr. P. R. Desai

Class - S.Y.BSc

Semester - III and IV

Paper - III

Paper Code - 303 and 403

Month		Unit / Practical	Sub-unit Planned	Remark
JUNE		Unit I Acoustics laser and fibre optics	Unit I Acoustics laser and fibre optics Acoustics of buildings reverberation, Sabine's formula absorption coefficient, acoustics of buildings, factors affecting acoustic buildings, sound distribution in an auditorium	lecture start from 20/06/2021 Completed on 26/6/21
Teaching Days	10			
Periods Allotted	3			
Periods Available	3			
Extra Lecture				
JULY		Unit I Acoustics laser and fibre optics	2 Laser: introduction, transition between atomic energy States ,principle of laser, properties of laser ,Helium- neon laser, application of laser, holography 3 Fibre optics: light propagation through fibres, fibre geometry ,internal reflection numerical aperture, step index and graded index fibres , applications of fibres	Completed on 29/7/21
Teaching Days	26			
Periods Allotted	13			
Periods Available	13			
Extra Lecture	2			
AUGUST		Unit II	Unit II Introduction ,definition, history and scope of biophysics, biological fluids, physico -chemical properties, viscosity ,surface tension ,pH, Osmosis, osmotic pressure ,diffusion , Fick's law of diffusion, dialysis, cell is unit of life, fundamental understanding prokaryotic and eukaryotic cell structure and function, eukaryotic cell membrane, fundamentals of transport process through biological membrane ,membrane channels , electrical properties of cell , action potential ,propagation of action potential, methods of measurement of action potential ,Nernst equation, Golman equation, the Hodgkin-Huxley model of action potential, voltage clamp technique, patch clamp technique,cell impedance and capacitance	Completed on 29/8/21
Teaching Days	22			
Periods Allotted	11			
Periods Available	11			
Extra Lecture	3			

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SEPTEMBER				
Teaching Days	22	Unit III	Unit III introduction to materials classification of materials based on structure and functionality types of materials :metals and alloys polymers, ceramics and composites, thin films,nanomaterials ,some physical and chemical method of material synthesis Properties of materials electrical properties review of energy band diagram for materials conducted semiconductors and insulators electrical conductivity in metals semiconductors and insulators dielectrics effect of temperature on conductivity	Completed on 29/9/21
Periods Allotted	8			
Periods Available	8			
Extra Lecture	1			
OCTOBER				
Teaching Days			semester examination theory and practical	
Periods Allotted				
Periods Available				
Extra Lecture				
NOVEMBER		Unit 1 :Introduction to Geophysics	the interior of Earth. 1.4 Major tectonic features of the ocean oceanic and continental crust. 1.5 Continental drift – geological and geophysical evidence: mechanisms, objections and present status. 1.6 Gravity and magnetic anomalies at Mid-ocean ridges: deep sea trenches, continental shield areas and mountain chains. 1.7 Geomagnetism, elements of Earth's magnetism: Internal, external fields and their causes, Palaeomagnetism, Polar wandering paths and reversals, Seafloor spreading and Plate tectonics. 1.8 Seismic belts of the Earth: Seismicity and plate movements. 1.9 Geodynamics of the Indian plate.	Completed on 27/11/21
Teaching Days	20			
Periods Allotted	6			
Periods Available	6			
Extra Lecture				
DECEMBER		CHAPTER 2 : GEO-ENVIRONMENTAL SCIENCES	2.1 Environmental Magnetic Analysis relating to magnetic minerals and environmental systems, soil magnetism, mineral magnetic studies of lake and marine sediments and magnetic monitoring of air-, land- and water-pollution. 2.2 Geo-Environmental Studies relating to mining, urban, industrial, coastal and desert management, palaeoclimate, palaeoenvironment, medical geology, climate change and studies related to their impact on ecosystem. 2.3 Natural Hazard Investigations including scientific studies related to natural hazards such as earthquakes, landslides, floods and tsunamis. 2.4 Impact Assessment of Anthropogenic Activities such as heavy metal pollution in Mumbai aquatic system with industries and thermal power plants, urbanization, disposal of industrial and radio-active waste, excessive withdrawal of ground water and use of fertilizers. Problems.	Completed on 23/12/21
Teaching Days	21			
Periods Allotted	11			
Periods Available	11			
Extra Lecture				

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JANUARY				
Teaching Days	**20**			
Periods Allotted	**6**			
Periods Available	**6**			
Extra Lecture		Unit II : Microprocessors	8085 Microprocessor and Basic Assembly Language Programming (15 lectures) Introduction, Historical Perspective, Organization of a Microprocessor Based system, how does the Microprocessor works, Machine Language, Assembly Language, High Level Languages, Writing and executing an Assembly Language Program. 8085 Bus Organization, 8085 Programming Model, The 8085 Microprocessor, Pin connection diagram and function of each pin, A detailed look at 8085 Microprocessor. Basic definitions: Instruction, Opcode, operand. Instruction word Size, instruction Format, dataformat ,Addressing Modes,The 8085 Instruction Set(Classification) Data transfer Operations,Arithmetic Operations, Logical Operations Branch Operations , Introduction to AdvancedInstructions Flowchart	Completed on 15/1/22
FEBRUARY				
Teaching Days	**23**			
Periods Allotted	**11**	Unit III : 15Lectures A)Radiation Physics	A)Radiation Physics 1: Basics of Radiation Science 3L Electromagnetic Spectrum, Introduction to radioactivity, Sources of radiation: Alpha, beta and gamma radiation, high energy electron radiation and X-rays, Radiation units, Sources of radiation: natural and man-made, Radiation protection 2: Radiation Detectors and Beam Calibration 4L Types of radiation detectors, Ionization detectors, scintillation detectors, particle detectors, TLD, thin film detectors, Radiation field analyzer, Basic principles of beam profile measurement	Completed on 26/2/22
Periods Available	**11**			
Extra Lecture				
MARCH				
Teaching Days	**24**			
Periods Allotted	**14**			
Periods Available	**14**			
Extra Lecture	**3**	B) Radio communication :	1: Basics of Communication 3L Block diagram of communication system, types of communication system: simplex, duplex, analog and digital communication, Electromagnetic spectrum, base band and broad band communication. Noise concept and types, signal to noise ratio, noise figure, noise temperature. 2: Amplitude Modulation 2 L Need of modulation, concept of modulation, AM waveform, mathematical expression of AM, concept of sideband, demodulation principles. AM Receiver: TRF and super-heterodyne receiver, 3: Frequency Modulation 2 L FM modulation: definition, mathematical representation, frequency spectrum, bandwidth and modulation index. 4.Concept of ASK, PSK, FSK, PAM, PWM, PPM, PCM.	Completed on 31/3/22
APRIL				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture			semester examination theory and practical	

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MAY				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				

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D.K.Sc. College Dodamarg

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Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar. Deepakbhai Kesarkar Science College
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Dodamarg, Tal.Dodamarg

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

Academic Year - 2021/2022

Name of Faculty - Ms. Sonam Bhiva Sutar
Class - FY BSc
Paper - Zoology I

Semester - I/II
Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE			College started online		
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
October			Unit 01 Wonder of Animal World	1.1: Echolocation in Bats and Cetaceans 1.2: Mechanism of Pearl formation in Mollusca 1.3: Bioluminescence in Animals 1.4: Regeneration in Animals 1.5: Mimicry in Butterflies and its significance 1.6: Mechanism of Coral formation and types of Coral reefs 1.7: Bird migration: Definition, types and factors inducing bird migration	Started on 1/10/2021 Point co completed on 20/10/2021
Teaching Days		25			
Periods Allotted		16			
Periods Available		16			
Teaching	Practical's / Tutorials	Test			
	2	1			
November			Unit : 02 Biodiversity and its Conservation	1.8: Adaptive features of desert animals: Reptiles 1.9: Breeding and Parental care 1.10: Aves: Brood Parasitism 2.1: Introduction to Biodiversity 2.2: Levels of Biodiversity 2.3: Introduction of Biodiversity Hotspots 2.4: Values of biodiversity	Started on 22/10/2021 completed Unit on 27/10/2021 Unit II started 29/10/2021 26/11/2021
Teaching Days		25			
Periods Allotted		16			
Periods Available		16			
Teaching	Practical's / Tutorials	Test			
	3	1.Unit			

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Month	Unit / Practical	Sub-unit Planned	Remark
November Teaching Days: 20 Periods Allotted: 15 Periods Available: 10 Teaching: 4 / Practical's / Tutorials: 2. Unit / Test:		2.5: Threats to Biodiversity 2.6: Biodiversity conservation and management : National Biodiversity Action Plan, 2002 2.6.4: Introduction to Indian Wildlife (Protection) Act, 1972 and Convention for International Trade of endangered species	29/11/2021 Started point. Unit completed on 6/12/2021.
December Teaching Days: 10 Periods Allotted: 5 Periods Available: 5 Teaching: 2 / Practical's / Tutorials: / Test:	Unit 03 Footsteps to follow	3.1: Dr. Hargobind Khorana (Genetic code) 3.2: Dr. Varghese Kurien (Amul-White revolution) 3.3: Dr. Salim Ali (Ornithologist) 3.4: Anna Hazare (Water Conservation-Ralegan Siddhi) 3.5: Baba Amte (Anandvan) 3.6: Kiran Mazumdar Shaw (Biocon) 3.7: Gadre Fisheries (Surimi) 3.8: Dr. Rajendra Singh (Water Conservation-Rajasthan)	6/12/2021 Started. ended on 23/12/2021
January Teaching Days: 15 Periods Allotted: 5 Periods Available: 5 Teaching: 2 / Practical's / Tutorials: / Test:		1.1 Population dynamics 1.2 Population growth regulation 1.3 Population growth pattern	1/1/2022 started and completed on (Exam time) 30/11/2022
February Teaching Days: 20 Periods Allotted: 10 Periods Available: 10 Teaching: 3 / Practical's / Tutorials: / Test:	Unit 2: Ecosystem	1.4 Human census (India) - Concept, mechanism and significance. 2.1 Concept of Ecosystems: Definition and components 2.1.2 Impact of temperature on biota 2.1.3 Biogeochemical cycles (Water, Oxygen, Nitrogen, Sulphur) 2.1.4 Fresh water ecosystem - Lentic and Lotic	Unit II Started on 1/2/2022 compted point on 28/2/22
March. Teaching Days: 25 Periods Allotted: 15 Periods Available: 10 Teaching: 3 / Practical's / Tutorials: / Test: 1. Unit		2.1.5 Food chain and food web in ecosystem (Fresh water and Grass land). 2.1.6 Ecological pyramids - energy, biomass and number . 2.1.7 Animal interactions (commensalism, mutualism, predation, antibiosis, parasitism	Started on 1 march 2022 compted on 28/3/22

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Month			Unit / Practical	Sub-unit Planned	Remark
MARCH April			Unit 3: National Parks and Sanctuaries of India	3.1 Concept of Endangered and Critically Endangered species using examples of Indian Wildlife with res to National Parks and Wildlife Sanctuaries of India 3.2 Management strategies with special reference to and Rhinoceros in India.	1 April to 15 April. Exam time.
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	3				
MARCH					
Teaching Days		25			
Periods Allotted		10			
Periods Available		5			
Teaching	Practical's / Tutorials	Test			
	3	3. Unit			
APRIL			Examination		
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

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Department of Zoology
D.K.Sc. College Dodamarg

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2021 - 2022)

Name of Faculty - Ms. Sonam Bhiva Sutar
Class - SY Bsc
Paper - I

Semester - III/IV
Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE					20/6/2021
Teaching Days		15		1.1. Introduction to genetics 1.2 Mendelian Genetics	
Periods Allotted		7	Unit: 1 Fundamentals of Genetics		22/6/2021
Periods Available		7		1.3 Multiple Alleles and Multiple Genes	28/6/202
Teaching	Practical's / Tutorials	Test			29/6/21
JULY					8/7/2021
Teaching Days		25			Completed 12/8/2021
Periods Allotted		15		1.4 Linkage and Crossing Over	
Periods Available		15		2.1 Chromosomes	16/8/202 Unit Started
Teaching	Practical's / Tutorials	Test	Unit: 2 Chromosomes and Heredity	2.2 Sex-determination	
	2	1			6/9/2021 Started.
AUGUST					Completed on 9/9/2021.
Teaching Days		25		2.3 Sex linked, sex influenced and sex limited	
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
SEPTEMBER					11/9/2021 Started.
Teaching Days		20		3.1 Genetic material	
Periods Allotted		10	Unit: 3 Nucleic acids	3.2 Flow of genetic information in a Eukaryotic	Completed.
Periods Available		10		3.3 Gene Expressions and regulation	30/9/21.
Teaching	Practical's / Tutorials	Test			
	4	1			

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Month	Unit / Practical	Sub-unit Planned	Remark
OCTOBER Teaching Days: 20 Periods Allotted: 10 Periods Available: 4 Teaching: 3 / Practical's / Tutorials: 1 / Test	Unit 1: Origin and Evolution of Life	1.1 Introduction Evidences from geographical distribution, palaeontology, anatomy, embryology, physiology and genetics	unit 1 started 30/10/2021
NOVEMBER Teaching Days: 15 Periods Allotted: 8 Periods Available: 8 Teaching: 3 / Practical's / Tutorials: 1 / Test		1.2 Evidences in favour of organic evolution Theory of Darwin and Neo- Darwinism Mutation Theory 1.3 Theories of organic evolution	unit I compled 22/11/2021 on december
DECEMBER Teaching Days: 20 Periods Allotted: 10 Periods Available: 10 Teaching: 4 / Practical's / Tutorials: 1 / Test	Unit: 2: Population Genetics and Evolution	2.1 Introduction to Population genetics Hardy- Weinberg Law 2.3 Evolutionary genetics ,Nature of genetic variations Preserve balanced polymorphism Geographical isolation.	06/12/2021 Started 23/12/2021 complete.
JANUARY Teaching Days: 25 Periods Allotted: 15 Periods Available: 8 Teaching: 3 / Practical's / Tutorials: 1 / Test		2.4 Macroevolution and megaevolution Concept and Patterns of Macroevolution Megaevolution	2/01/2022 Started. 27/1/22 Complete
FEBRUARY Teaching Days: 25 Periods Allotted: 15 Periods Available: 15 Teaching: 4 / Practical's / Tutorials: 1 / Test	Unit: 3 Scientific Attitude Methodology, Scientific Writing and Ethics in Scientific Research	3.1 Process of science: A dynamic approach to investigation 3.2 Scientific writing	24/2/2022 Started

Month			Unit / Practical	Sub-unit Planned	Remark
MARCH				3.3 Writing a review paper 3.4 Ethics 3.5 Plagiarism	Completed on 27/03/2022
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
APRIL			Examination		
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

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ANNUAL TEACHING PLAN

(Academic Year 2021- 2022)

Name of Faculty - Mr. J. A. Sawant
Class - SY BSc
Paper - II

Semester - III/IV
Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE			Unit: 1 Nutrition and Excretion	1.1 Comparative study of nutritional apparatus : Amoeba, Hydra, Cockroach, Amphioxus, Pigeon, Ruminants. 1.2 Physiology of digestion in man. 1.3 Comparative study of excretory and osmoregulatory structures and functions. 1.4 Categorization of animals based on principle nitrogenous excretory products 1.5 Structure of kidney, uriniferous tubule and physiology of urine formation in man.	Started on 20/6/2021 completed on 13/7/2021
Teaching Days		15			
Periods Allotted		7			
Periods Available		7			
Teaching	Practical's / Tutorials	Test			
JULY			Unit: 2: Respiration and Circulation	2.1 Comparative study of Respiratory organs : Earthworm, Spider, any bony fish, Frog and Pigeon. 2.2 Strucure and physiology of lungs in man 2.3 Comparative study of circulation. 2.4 Types of circulating fluids- Water, Coelomic fluid, Haemolymph, Lymph and Composition of blood 2.5 Comparative study of hearts : Earthworm, Cockroach, Shark, Frog,Crocodile and Pigeon. 2.6 Structure and mechanism of working of heart in man	Started on 17/7/2021 completed on 27/8/2021
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	2	1			
AUGUST			Unit: 3 Control and Coordination, Locomotion and Reproduction	3.1 Control and coordination : Paramoecium, Hydra, earthworm. Types of neurons based on the structure and function. 3.2 Movement and Locomotion Locomotory organs - Structure and functions: Pseudopodia in Amoeba,Cilia in Paramecium, Wings and legs in cockroach, Tube feet in starfish,Fins of fish. 3.3 Structure of striated muscle fibre in human and sliding filament theory.	Unit started on 15/09/2021
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
SEPTEMBER				3.4 Reproduction (a) Asexual Reproduction- Fission, Fragmentation, Gemmule formation	completed on
Teaching Days		20			
Periods Allotted		10			

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Month			Unit / Practical	Sub-unit Planned	Remark
Periods Available		10		Fragmentation, Gemmule formation, Budding (b) Sexual reproduction i.	12/10/2024
Teaching	Practical's / Tutorials	Test			
OCTOBER					
Teaching Days		15		1)Gametogenesis 2)Structure of male and female gametes in human 3)Types of fertilization 4) Oviparity, Viviparity, Ovo-viviparity	19/10/2024 Started. Completed 26/10/2024
Periods Allotted		8			
Periods Available		8			
Teaching	Practical's / Tutorials	Test			
	2	1			
NOVEMBER					
Teaching Days		15	Unit 1 : Cell Biology	1.1 Introduction to cell biology 1.2 Nucleus	19/11/24 Started. (completed on 30/11/2024
Periods Allotted		7			
Periods Available		7			
Teaching	Practical's / Tutorials	Test			
	3	1			
DECEMBER					
Teaching Days		20		1.3 Plasma membrane 1.4 Transport across membrane 1.5 Cytoskeletal structures	4/12/2024 Started to 23/12/2024
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	3	1			
JANUARY					
Teaching Days		25	Unit 2 Endomembrane System	2.1 Endoplasmic reticulum 2.2 Golgi complex 2.3 Lysosomes	7/1/2022 Started 18/1/22 Completed.
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	3	1			
FEBRUARY					
Teaching Days		25	Unit 3: Biomolecules	2.4 Mitochondria 3.1 Biomolecules . 3.2 Carbohydrates 3.3 Amino Acids and Proteins	4/2/2022 Started completed on 29/2/22
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			

Month			Unit / Practical	Sub-unit Planned	Remark
MARCH					4/3/2022 started.
Teaching Days		25			
Periods Allotted		15		3.4 Lipids 3.5 Vitamins	
Periods Available		10			29/3/2022 completed.
Teaching	Practical's / Tutorials	Test			
	4	1			
APRIL					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2021 - 2022)

Name of Faculty - Ms. N. M. Dsauza
Class - SY Bsc
Paper - III

Semester - III/IV
Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE					
Teaching Days		15			25 June to 2021
Periods Allotted		4			
Periods Available		4	Unit 1: Ethology	1.1 Introduction to Ethology 1.2 Aspects of animal behaviour 1.3 Social behaviour (online lecture)	(30 June 2021
Teaching	Practical's / Tutorials	Test			
JULY					1 July 2021 to 30 July 2021
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test	Unit 2: Parasitology	2.1 Introduction to Parasitology and Types of Parasites. 2.2 Host-parasite relationship and host specificity Different types of host-parasite relationships, structural specifici and ecological specificity 2.3 Life cycle, pathogenicity, control measures and treatment Entamoeba histolytica, Fasciola hepatica, Taenia solium	
	2	1			
AUGUST					1 August to 2021
Teaching Days		25			
Periods Allotted		10			30 August 2022
Periods Available		10	Unit 3: Economic Zoology	2.4 Morphology, life cycle, pathogenicity, control measures and treatment. 2.5 Parasitological significance Zoonosis- Bird flu, Anthrax, Rabies and Toxoplasmosis	
Teaching	Practical's / Tutorials	Test			
	4	1			

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Estd. 15/6/2012 Dist.Sindhudurg

Month			Unit / Practical	Sub-unit Planned	Remark
SEPTEMBER				3.1 Apiculture and Economic importance. 3.2 Vermiculture	started on 25/9/2021
Teaching Days		20			
Periods Allotted		40			
Periods Available		40			
Teaching	Practical's / Tutorials	Test			
OCTOBER				3.3 Dairy Science and Milk and milk products	Started on 31/10/21 27/10/2021 completed
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
NOVEMBER			UNIT 1: Dairy Industry	distribution, distinguishing characters and economic uses 1.2 Exotic breeds - Origin, distribution, distinguishing characters characters and economic uses 1.3 Indian buffalo breeds Origin, distribution, distinguishing characters and economic uses 1.4Systems of inbreeding and crossbreeding 1.5Maintenance of dairy farm	17/11/2021 Started 27/11/2021 completed
Teaching Days		20			
Periods Allotted		8			
Periods Available		8			
Teaching	Practical's / Tutorials	Test			
	2	1			
DECEMBER			UNIT 2: Sericulture	1.6 Weaning of calf, castration and dehorning 1.7 Diseases and control 2.1 Introduction and scope of sericulture 2.2Varieties of silk worm, host plants 2.3Life history and rearing of Bombyx mori	1/12/2021 Started 22/12/2021 completed
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
JANUARY			UNIT3: Aquaculture	2.4Harvesting and processing of cocoon. 2.5Reeling and extraction of silk 2.6Diseases and control measures 3.1 Pisciculture Definition and scope of fishery resources in India	1/1/2021 Started 29/1/21 completed
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			

Month			Unit / Practical	Sub-unit Planned	Remark
FEBRUARY				3.2 Finfish culture - monoculture and polyculture Role of exotic fishes in polyculture. Fish diseases symptoms and control. Prawn/shrimp culture: Sources, seed, culture methods.	2/2/22 Completed 26/2/21 compted
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	4	1			
MARCH				3.3 Pearl culture: Pearl producing species and their distribution	Stared on 2/3/22 30/3/22 compted.
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	3	1			
APRIL			Examination		6/4/22 13/4/22 completed
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

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ANNUAL TEACHING PLAN
(Academic Year 2021- 2022)

Name of Faculty - DR. S. V. More
Class - TY BSc
Paper - I

Semester - V/VI
Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE			Unit :1 . Principles of Taxonomy	1.1: Levels of Organization 1.2: Symmetry 1.3: Coelom 1.4 Metamerism 1.5 : Taxonomy 1.6: Kingdome Protista : Protozoa (online lecture)	started on 2/6/21 compleded on 29/6/21
Teaching Days		15			
Periods Allotted		4			
Periods Available		4			
Teaching	Practical's / Tutorials	Test			
July			Unit 2 : Kingdom Animaila 1	2.1: Phylum : Porifera 2.2: Phylum : Cnidaria 2.3: Phylum ; Platyhelmenthes 2.4 : Phylum : Nematoda	2/7/21 Started 31/7/21 Compled.
Teaching Days		25			
Periods Allotted		20			
Periods Available		20			
Teaching	Practical's / Tutorials	Test			
	3	1			
AUGUST			Unit 3 : Kingdom Animalia 2	3.1: Phylum : Annelida 3.2: Phylum: Arthrooda 3.3: Phylum :Mollusca	2/8/21 started 31/8/21 Compled.
Teaching Days		25			
Periods Allotted		20			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	3	1			
SEPTEMBER			Unit 4 : Type Study : Sepia	3.4: Phylum: Echinodermata 3.5: Minor Phyla 3.6: Phylum : Hemichordata 3.7: Basic concepts of Phylogeny 4.1: General characristics and classification, habit and habitat	1/9/21 started 30/9/21 Completed
Teaching Days		20			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	4				

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Month			Unit / Practical	Sub-unit Planned	Remark
OCTOBER			Examination	4.2 : Digestive system,Respiratory system , Circulatory system, Excretory system, Nervous System,and sence organ, Reproductive system.	4/10/21 Started 30/10/21 Completed
Teaching Days		25			
Periods Allotted		20			
Periods Available		2			
Teaching	Practical's / Tutorials	Test			
	4	1			
NOVEMBER			Unit I: Phylum Chordata	1.1 General characters 1.2 Protochordata 1.3 Group Euchordata 1.4 Division Agnatha and Gnathostomata	30/11/21
Teaching Days		20			
Periods Allotted		2			
Periods Available		2			
Teaching	Practical's / Tutorials	Test			
	4	1			
DECEMBER			Unit II: Group Euchordata II	2.1: Division: Gnathostomata 2.2 Class Chondrichthyes 2.3: Dipnoi (Lung fish)	6/12/21 Started 24/12/21 completed
Teaching Days		25			
Periods Allotted		20			
Periods Available		20			
Teaching	Practical's / Tutorials	Test			
	4	1			
JANUARY			Unit III: Group Euchordata III	2.4: Superclass Tetrapoda 3.1: Class Reptilia: General characters and Discribtion 3.2 Class Aves: General Characters Discribtion	5/1/22 started 29/1/22 Completed
Teaching Days		25			
Periods Allotted		20			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
FEBRUARY			Unit IV: Type study: Shark	4.1 Habit & habitat, distribution, external characters, classification and economic importance 4.2 Skin, exoskeleton, endoskeleton and systems 4.3 Digestive system 4.4 Respiratory system	1/2/22 Started 28/2/22
Teaching Days		25			
Periods Allotted		20			
Periods Available		20			
Teaching	Practical's / Tutorials	Test			
	4	1			

Month			Unit / Practical	Sub-unit Planned	Remark
MARCH				4.5 Nervous system and receptor organs 4.6 Urinogenital system, copulatio, fertilization and developmen	2/3/22 Started 31/3/22 completed
Teaching Days		25			
Periods Allotted		20			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	4	1			
APRIL			Examination		4/4/22 to 20/4/22
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN
(Academic Year 2021- 2022)

Name of Faculty - MS. Sonam B. Sutar
Class - TY Bsc
Paper - II

Semester - V/VI
Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE			Unit 1 Basic Heamatology	1.1 Composito of plasma 1.2 Heamatopoisis 1.3 Erythropoisis (online Lecture)	25/6/21
Teaching Days		15			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
JULY			Applied Heamatology	1.4 Haemoglobin 1.5 Leucocytes 1.6 Thrombocytes 1.7 Blood Volume --- 2.1Introduction and scope of appled heamatology 2.2 Clinical significance of Diagnostic techniques 2.2.1 Microscopic examination of blood 2.2.2 Coagulopathies	2/7/21 31/7/21 completed
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	1	1			
AUGUST			Basic Immunulogy	2.2.3 Biochemical Examination of blood LFT, ALT, LDH, --- 3.1 Overview of Immunology 3.1.2 Innate Imunity 3.1.3 Aquired Immunity 3.2 Cells and Organ of immune system 3.2. Cell immune sysrem and organ immune system	4/8/21 30/8/21 completed
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	4	1			

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Esta. 15/6/2012 Dist.Sindhudrug

Month			Unit / Practical	Sub-unit Planned	Remark
SEPTEMBER			Applied Immunology	3.3 Antigens 3.4 Antibodies 3.5 Antigen processing and presentation ------ ----------4.1 Antigen Antibodies interaction 4.2 VAccine and vaccination 4.3 Transplantation immunology	1/9/21 to 30/9/21
Teaching Days		25			
Periods Allotted		20			
Periods Available		20			
Teaching	**Practical's / Tutorials**	**Test**			
	4	1			
OCTOBER			Practical Examination and theory examination	4.3. Transplanted immunology	4/10/21 to 30/10/21
Teaching Days		25			
Periods Allotted		15			
Periods Available		10			
Teaching	**Practical's / Tutorials**				
NOVEMBER			Unit 1 Enzymology	1.1 Introduction and nomenclature 1.2 Enzyme action and Kinetics 1.3 Enzyme Inhibition 1.4 Regulation 1.5 Industrial Application of Enzyme	25/11/21 30/11/21
Teaching Days		20			
Periods Allotted		10			
Periods Available		05			
Teaching	**Practical's / Tutorials**	**Test**			
	2				
DECEMBER			Homeostasis	2.1 Homeostasis 2.2 Thermoregulation 2.3 osmotic and ionic regulation	6/12/21 to 24/12/21
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	**Practical's / Tutorials**	**Test**			
	3	1			
JANUARY			Endocrinology	3.1 General Organization 3.2 Hormones and classification 3.3 Histology of Glands	5/1/22 to 29/1/22
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	**Practical's / Tutorials**	**Test**			
	3	1			
FEBRUARY			Animal Tissue Culture	4.1 Aseptic Techniques 4.1.1 Sterilization 4.1.2 Sterile handeling 4.2 Culture media 4.2.1 Types of media	1/2/22 to 28/2/22
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	**Practical's / Tutorials**	**Test**			

Amdar. Deepakbhai Kesarkar Science College Esta. 15/6/2012 Dist.Sindhudrug

Month			Unit / Practical	Sub-unit Planned	Remark
	3	1			
MARCH					21/3/22 to 21/3/22
Teaching Days		25			
Periods Allotted		15		4.3 Advantages of tissue culture 4.4 Limitations of tissue culture 4.5 Culture Techniques	
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	2	1			
APRIL			Examination		4/4/22 to 18/4/22
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2021- 2022)

Name of Faculty - MS. Natalin M. D'sauza
Class - TY Bsc
Paper - III

Semester - V/VI
Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE			Unit 01. Mammelian Histology	1.1: Vertical section (V.S.) of skin 1.2: Digestive System 1.2.1: Vertical section (V.S.) of tooth; hard tissue 1.2.2: Transverse section (T.S.) of tongue 1.2.3: Alimentary canal 1.2.4: Glands associated with digestive system	21/6/2021 started
Teaching Days		15			
Periods Allotted		8			
Periods Available		2			
Teaching	Practical's / Tutorials	Test			
JULY			Unit II: Toxicology	2.1: Basic toxicology 2.1.1: Introduction to toxicology 2.1.2: Toxins and Toxicants 2.1.3: Characteristics of Exposure 2.2.3: Animal models used in regulatory toxicolgy 2.2.4: Alternative methods in toxicology.	2/7/21 to 31/7/21 completed
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	3	Unit I			
AUGUST			Unit III: General Pathology	3.1: General Pathology Introduction and scope 3.2: Cell injury 3.3: Retrogressive changes 3.3.1: Retrogressive changes 3.4: Disorders of pigmentation: Endogenous 3.5 Necrosis 3.6: Gangrene: Definition and types	2/8/21 to 31/8/21 completed
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
SEPTEMBER			Unit IV: Biostatistics	4.1: Probability Distributions 4.2 :: Testing of Hypothesis 4.4: Parametric and non-parametric test	1/9/21 to 30/9/21 completed
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	3	1			

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Month			Unit / Practical	Sub-unit Planned	Remark
OCTOBER				4.5: Correlation	4/10/2021 to 30/10/21
Teaching Days		25			
Periods Allotted		20			
Periods Available		13			
Teaching	Practical's / Tutorials	Test			
	3	1			
NOVEMBER			Unit 1: Molecular Biology	1.1: Types of mutation 1.2: Induced mutations Physical agents 1.3: Preventative and repair mechanisms for DNA damage 1.4: Eukaryotic gene expression	2/11/21 started.
Teaching Days		15			
Periods Allotted		12			
Periods Available		08			
Teaching	Practical's / Tutorials	Test			
	3	1			
DECEMBER			Unit 2: Genetic Engineering	2.1: enzymes with examples, Ligase 2.2: Techniques in Genetic Engineering	7/12/21 to 24/12/21 completed
Teaching Days		25			
Periods Allotted		22			
Periods Available		20			
Teaching	Practical's / Tutorials	Test			
	4	1			
JANUARY			Unit 3: Human Genetics	3.1: Non-disjunction during mitosis and meiosis. 3.2: Genetic Disorders Inborn Errors of Metabolism 3.3: Diagnosis	5/1/22 to 29/1/22 completed
Teaching Days		25			
Periods Allotted		20			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	4	1			
FEBRUARY			Unit 4: Bioinformatics	4.1:Introduction to Bioinformatics and Bioinformatics web reso Applications of Bioinformatics 4.2: Databases - Tools and their uses 4.3: Sequence alignment methods BLAST, FASTA Types of sequence alignment	1/2/22 to 28/2/22 completed
Teaching Days		25			
Periods Allotted		20			
Periods Available		20			
Teaching	Practical's / Tutorials	Test			
	4	1			
MARCH				4.4: Predictive applications using DNA and protein se Evolutionary studies	2/3/22 started 31/3/22 completed
Teaching Days		25			
Periods Allotted		20			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			

Month			Unit / Practical	Sub-unit Planned	Remark
	3	1			
APRIL			Examination		4/4/22 to 20/4/22 completed.
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2021- 2022)

Name of Faculty - Mr. J. A. Sawant
Class - TY Bsc
Paper - IV

Semester - V/VI
Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE			Unit 01. Integumentary system and derivatives.	1.1 : Basic stucture of integument. 1.2 : epidermal derivatives of vertebrates. 1.2.1Hair,hoof,horn,claw,teeth,beak and epidermal scales. 1.2.2 : Glands - type 1.2.3 : Types of feathers. 1.3 Dermal derivatives of vertebrates. 1.3: Dermal derivatives of vertebrates - Scales in fish, scutes in reptiles and birds,dermal scales in mammels,Antelar.	02/6/21 Started.
Teaching Days		15			
Periods Allotted		12			
Periods Available		12			
Teaching	Practical's / Tutorials	Test			
JULY			Unit 2 . Human Osteology	1.4 Special derivatives of integument : warts in toad , rattle in snake , whale bone in balin baleen whale , kneepads in camel. 2.1 : Introduction : Bnes,general structure,functions. 2.2 : Axial Skeleton 2.2.1: Skull, general charactristics of cranial and fecial bone. 2.2.2: Vertebral colomn : general charactristics and structue of types of vertebrae 2.2.3 : Ribs and sternum 2.2.4: Hyoid bone, structure and function. 2.3: Appendicular skeleton 2.3.1 : Pectoral girdle 2.3.2 : Pevic girdle	3/7/21 to 31/7/2021 complete
Teaching Days		25			
Periods Allotted		20			
Periods Available		20			
Teaching	Practical's / Tutorials	Test			
	4	1			
AUGUST			Unit 03 Muscles of long bones of Human limbs.	3.1 : Introduction and types of lonf limbs muscles. 3.1.1.: Flexors,Extensor,Rotator,Abductors,adducrors. 3.2 Muscles of forelimbs . 3.3 : Muscels of hind limbs 3.1.1 Muscle that moves the thing (femur) 3.3.2. muscle that move the lover leg. 3.3.3. Muscle that moves the ankle,foot,toes.	4/8/21 3/8/21 completed
Teaching Days		25			
Periods Allotted		20			
Periods Available		20			
Teaching	Practical's / Tutorials	Test			
	4	1			
SEPTEMBER			Unit 03 . Developmental biology of Chick.	4.1 Introduction to Developmental biology. 4.2 Development of chick embryo. 4.2.1 Structure of Hen's egg. 4.2.2 Structure of Chick embryo by Hrs.	1/9/21 completed 30/9/21
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
OCTOBER			Examination	4.2.3 Extra embryonic membraines. 4.2.4 Hense's node as an organizer.	4/10/21 Started to 30/10/21
Teaching Days		25			
Periods Allotted		20			
Periods Available		2			
Teaching	Practical's / Tutorials	Test			

Amdar. Deepakbhai Kesarkar Science College Dodamarg Tal.Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

Month			Unit / Practical	Sub-unit Planned	Remark
	4	1			
NOVEMBER			Unit 1: Environment Management	1.1: Natural resources and their Classification 1.2: Exploitation and Modification of Natural Resources: Impact on climate, flora and fauna. 1.3: Waste Management: 3R's (Reduce, Reuse and Recycle) of solid waste management.: e-waste and hazardous waste management	26/11/2021 started.
Teaching Days		15			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	3	1			
DECEMBER			Unit II: Wildlife Management	1.4: Water management Rainwater harvesting 2.1: Habit, Habitat, Territory and Niche of Wild Animals 2.2: Threats to Wildlife Poaching and hunting, deforestation, encroachment, competition 2.3: Wildlife Conservation: Techniques and methods used for wildlife census	7/12/2021 24/12/2021 completed
Teaching Days		25			
Periods Allotted		20			
Periods Available		20			
Teaching	Practical's / Tutorials	Test			
	4	1			
JANUARY			Unit III: Bioprospecting and Zoopharmacognosy	3.1: Bioprospecting Traditional and modern bioprospecting, economic value of bioprospecting 3.2: Zoopharmacognosy: Definition and types: Self-medication and its mechanism: Methods of self-medication through	5/1/2022 to 29/1/22
Teaching Days		25			
Periods Allotted		20			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	3	1			
FEBRUARY			Unit IV Zoogeography	Social and trans- generational aspects of insects, birds and mammals: Contribution to human medicines	1/2/22 28/2/22.
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	4	1			
MARCH			Practical Examination	4.3 Zoogeographical realm	21/3/2022 21/3/22.
Teaching Days		25			
Periods Allotted		15			
Periods Available		5			
Teaching	Practical's / Tutorials	Test			
	3	1			
APRIL					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

Month			Unit / Practical	Sub-unit Planned	Remark
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2021- 2022)

Name of Faculty - DR. S. V. More

Class - TY Bsc

Semester - V/VI

Paper - V

Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE			Unit 1 Oceanography	1.1Navigational and sea safety eqipment 1.2 Oceanographic instruments 1.3 Introduction to basic physical , chemical, biological oceanography	20/06/2021 Started 29/6/21
Teaching Days		15			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
JULY			2. Crafts and Gears	2.1 Basic Boat building (parts, design, material, used) methods of protection from faulers and borers 2.2 Basic studies of marine engines 2.3 operations of net and fishing techniques	2/7/21 Started 29/7/21 Complete
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	1	1			
AUGUST			3. Farming of major carps	3.1 Breeding techniqes of major carp 3.2 Hatchery and nursary management 3.3 Mono culture and polyculture practices	2/8/21 Started 30/8/21 complete.
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	4	1			

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

Month			Unit / Practical	Sub-unit Planned	Remark
SEPTEMBER			4. Introduction to other commercial aquaculture practices in fresh water	4.1 Macrobranchium rosenbergii 4.2 Ornamental fishes 4.3 Breeding and rearing of fishes	1/9/21 to 30/9/2021 completed
Teaching Days		25			
Periods Allotted		20			
Periods Available		20			
Teaching	Practical's / Tutorials	Test			
	4	1			
OCTOBER			Practical Examination and theory examination		
Teaching Days		25			
Periods Allotted		15			
Periods Available		1			
Teaching	Practical's / Tutorials				
NOVEMBER			Unit 1 Marine fish of india	1.1 Coastal Fisheries 1.2 Deep sea Fisheries 1.3 Commercial potential and major landing centres of the above fishes	26/11/2021 to completed 30/11/2021
Teaching Days		20			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	2				
DECEMBER			2. Marine shell fish of india	2.1 Crustacean fisheries 2.2 Molluscan Fisheries 2.3 Commercial potencial and major landing centers of the above shell fishes	2/12/2021 Started
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	3	1			
JANUARY			3. Nutrition	3.1 Nutritional requirements at various stages of deveopment of fish and crustaceans 3.2 Culture of natural feed 3.3 Algology 3.4 Formulated and pallated feed	2/1/22 Started 28/1/22 complet-
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	3	1			

Month			Unit / Practical	Sub-unit Planned	Remark
FEBRUARY			4. Disease	4.1 Viral disease, prophylaxis and preventive measures 4.2 Bacterial fungal, protozoan infection and treatment	2/2/22 to 28/2/22 completed
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	3	1			
MARCH				4.3 Crustacean infection and treatment 4.4 Physiological disorder(Dropsy)/ disease and treatmrnt	2/3/2022 to 25/3/2022
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	2	1			
APRIL			Examination		
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

2022/2023

Name of Faculty - Mr. Anurag S. Sinari
Class - FY BSc
Paper - Zoology I

Semester - I/II
Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
JULY					
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test	Unit 01 Wonder of Animal World	1.1: Echolocation in Bats and Cetaceans 1.2: Mechanism of Pearl formation in Mollusca 1.3: Bioluminescence in Animals 1.4: Regeneration in Animals 1.5: Mimicry in Butterflies and its significance 1.6: Mechanism of Coral formation and types of Coral reefs 1.7: Bird migration: Definition, types and factors inducing bird migration	Unit I Started at 10/07/22 Completed at 09/09/22
	2	1			
AUGUST					
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test	Unit : 02 Biodiversity and its Conservation	1.8: Adaptive features of desert animals: Reptiles 1.9: Breeding and Parental care 1.10: Aves: Brood Parasitism .---------- ---------- 2.1: Introduction to Biodiversity 2.2: Levels of Biodiversity 2.3: Introduction of Biodiversity Hotspots 2.4: Values of biodiversity	Unit II Started at 12/08/22 Completed at 17/18/22
	3	1.Unit			

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Month			Unit / Practical	Sub-unit Planned	Remark
SEPTEMBER				2.5: Threats to Biodiversity 2.6: Biodiversity conservation and management : National Biodiversity Action Plan, 2002 2.6.4: Introduction to Indian Wildlife (Protection) Act, 1972 and Convention for International Trade of endangered species	completed OD 27/09/22
Teaching Days		20			
Periods Allotted		15			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	2. Unit			
OCTOBER			Unit 03 Footsteps to follow	3.1: Dr. Hargobind Khorana (Genetic code) 3.2: Dr. Varghese Kurien (Amul-White revolution) 3.3: Dr. Salim Ali (Ornithologist) 3.4: Anna Hazare (Water Conservation-Ralegan Siddhi) 3.5: Baba Amte (Anandvan) 3.6: Kiran Mazumdar Shaw (Biocon) 3.7: Gadre Fisheries (Surimi) 3.8: Dr. Rajendra Singh (Water Conservation-Rajasthan)	Unit III Started at 10/10/22 Completed at 25/10/22
Teaching Days		10			
Periods Allotted		5			
Periods Available		5			
Teaching	Practical's / Tutorials	Test			
	2				
NOVEMBER			Unit 02 Population Ecology	1.1 Population dynamics 1.2 Population growth regulation 1.3 Population growth pattern	Unit I Started at 02/11/23 Completed at 08/12/23
Teaching Days		15			
Periods Allotted		5			
Periods Available		5			
Teaching	Practical's / Tutorials	Test			
	2				
DECEMBER			Unit 2: Ecosystem	1.4 Human census (India) - Concept, mechanism and significance. 2.1 Concept of Ecosystems: Definition and components 2.1.2 Impact of temperature on biota 2.1.3 Biogeochemical cycles (Water, Oxygen, Nitrogen, Sulphur) 2.1.4 Fresh water ecosystem - Lentic and Lotic	Unit II Started at 10/12/23 Completed at (Temporary) 01/03/23
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	3				
JANUARY				2.1.5 Food chain and food web in ecosystem (Fresh water and Grass land). 2.1.6 Ecological pyramids - energy, biomass and number .2.1.7 Animal interactions (commensalism, mutualism, predation, antibiosis, parasitism	completed topic on 11/2/23
Teaching Days		25			
Periods Allotted		15			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	3	1. Unit			

Annasaheb Deepakbhai Kesarkar Science College Esta. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Month			Unit / Practical	Sub-unit Planned	Remark
FEBRUARY			Unit 3: National Parks and Sanctuaries of India	3.1 Concept of Endangered and Critically Endangered species using examples of Indian Wildlife with res to National Parks and Wildlife Sanctuaries of India 3.2 Management strategies with special reference to and Rhinoceros in India.	UNIT III Started at 03/02/23 Completed at 27/02/23
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	3				
MARCH				3.3 Ecotourism 3.4 Biopiracy	Completed on 27/3/23
Teaching Days		25			
Periods Allotted		10			
Periods Available		5			
Teaching	Practical's / Tutorials	Test			
	3	3. Unit			
APRIL			Examination		
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

Sign of Faculty

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Head
Department of Zoology
D K.Sc. College Dodamarg

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Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar. Deepakbhai Kesarkar Science College Esta. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2022 - 2023)

Name of Faculty - Dr. Sadashiv V. More / Mg. S. B. Sutar

Class - FY Bsc

Semester - I

Paper - II

Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
JULY					
Teaching Days		25			
Periods Allotted		15			
Periods Available		13	Unit 1: Laboratory safety, Units and Measurement	1.1: Introduction to good laboratory practices 1.2: Use of safety symbols 1.3: Units of measurement	Unit I Started at 01/07/22 Completed at 24/07/22
Teaching	Practical's / Tutorials	Test			
	2				
AUGUST					
Teaching Days		25		1.3.1: Calculations and related conversions of each: Metric system- length 1.3.2: Temperature: Celsius, Fahrenheit, Kelvin 1.3.3: Concentrations: Percent solutions, ppt, ppm, ppb dilutions, Normality, Molarity and Molality. 1.3.4: Biostatistics: Introduction and scope, Sampling and its types, Central Tendencies Tabulation, Graphical representations.	Started on 11/8/22 completed on 29/8/22
Periods Allotted		15			
Periods Available		12			
Teaching	Practical's / Tutorials	Test			
	3	1			

Amdar. Deepakbhai Kesarkar Science College Dodamarg Estd. 15/6/2012 Dist.Sindhudrug Tal.Dodamarg

Month			Unit / Practical	Sub-unit Planned	Remark
SEPTEMBER			Unit 2: Animal Biotechnology	2.1: Biotechnology 2.2: Transgenesis 2.3: Cloning (Dolly) 2.4: Ethical issues of transgenic and cloned animals 2.5: Applications of Biotechnology	Unit II Started at 24/09/22 Completed at 25/09/22
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	**Practical's / Tutorials**	**Test**			
	4	1			
OCTOBER			Unit 3: Instrumentation	3.1: Microscopy3.2: Colorimetry and Spectroscopy 3.3: pH 3.3: Centrifuge 3.5: Electrophoresis	Unit III Started at 18/10/22 Completed at 24/10/22
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	**Practical's / Tutorials**	**Test**			
	1	1			
NOVEMBER			Unit 1: Nutrition and Health	1.1: Concept of balanced diet, dietary recommendations to a normal adult, infant, pregnant woman and aged. 1.2: Malnutrition disorders – Anemia, Rickets, Marasmus, Goiter, Kwashiorkar . 1.3: Constipation, piles, starvation, acidity, flatulence, peptic ulcers	Unit I Started at 03/11/22 Completed at 29/11/22
Teaching Days		15			
Periods Allotted		8			
Periods Available		8			
Teaching	**Practical's / Tutorials**	**Test**			
	3	1			
DECEMBER				1.3: Constipation, piles, starvation, acidity, flatulence, peptic ulcers 1.4: Obesity (Definition and consequences). 1.5: Importance of fibres in food. 1.6: Significance of breast feeding. 1.7: Swine flu and Dengue (cause, symptoms, precaution and remedy). 1.8: BMI calculation and its significance.	23/12/2022 Started 24/12/2022
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	**Practical's / Tutorials**	**Test**			
	3	1			
JANUARY			Unit 2: Public Health and Hygiene	2.1: Health 2.2: Water and water supply 2.3: Hygiene 2.4: Radiation risk 2.6: Blood bank	Unit II Started at 11/01/23 Completed at 24/01/23
Teaching Days		25			
Periods Allotted		15			
Periods Available		10			
Teaching	**Practical's / Tutorials**	**Test**			
	3	1			

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg
Esta. 15/6/2012 Dist.Sindhudrug

Month			Unit / Practical	Sub-unit Planned	Remark
FEBRUARY			UNIT 3: Common Human Diseases and Disorders	3.1: Stress related disorders 3.2: Communicable and non-communicable diseases	Unit III Started at 11/02/23 Completed at 28/02/23
Teaching Days		25			
Periods Allotted		10			
Periods Available		7			
Teaching	Practical's / Tutorials	Test			
	3	1			
MARCH				3.2.1: Tuberculosis and Typhoid 3.2.2: Hepatitis (A and B), AIDS, Gonorrhea and Syphilis 3.2.3: Diseases of respiratory system- Asthma, Bronchitis. 3.2.4: Oral Cancer	Started on 01/2/2023 Completed on 30/3/23
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	3	1			
APRIL			Examination		
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

Sign of Faculty

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D.K.Sc. College Dodamarg

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Dodamarg, Tal.Dodamarg

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2022 - 2023)

Name of Faculty - Ms. Sonam Bhiva Sutar / Ms. Ayesha Shetkar.
Class - SY Bsc
Paper - I

Semester - III/IV
Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE			Unit: 1 Fundamentals of Genetics	1.1. Introduction to genetics 1.2 Mendelian Genetics 1.3 Multiple Alleles and Multiple Genes	Unit I Started on 16/06/22 Completed at 11/07/22
Teaching Days		15			
Periods Allotted		7			
Periods Available		7			
Teaching	Practical's / Tutorials	Test			
JULY			Unit: 2 Chromosomes and Heredity	1.4 Linkage and Crossing Over 2.1 Chromosomes 2.2 Sex-determination	Unit II Started on 14/07/22 Completed at 30/07/22
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	2	1			
AUGUST				2.3 Sex linked, sex influenced and sex limited	4/8/22 Started. completed on 25/8/22
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
SEPTEMBER			Unit: 3 Nucleic acids	3.1 Genetic material 3.2 Flow of genetic information in a Eukaryotic 3.3 Gene Expressions and regulation	Unit III Started on 04/09/22 Completed at 28/09/22
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			

Amdar Deepakbhai Kesarkar Science College Dodamarg Estd. 15/6/2012 Dist.Sindhudurg Tal.Dodamarg

Month			Unit / Practical	Sub-unit Planned	Remark
OCTOBER			Unit 1: Origin and Evolution of Life	1.1 Introduction Evidences from geographical distribution, palaeontology, anatomy, embryology, physiology and genetics	Unit I Started at 02/10/23 Completed at 27/10/23
Teaching Days		20			
Periods Allotted		10			
Periods Available		5			
Teaching	Practical's / Tutorials	Test			
	3	1			
NOVEMBER				1.2 Evidences in favour of organic evolution Theory of Darwin and Neo- Darwinism Mutation Theory 1.3 Theories of organic evolution	2/11/22 Started to 27/11/22 completed
Teaching Days		15			
Periods Allotted		8			
Periods Available		8			
Teaching	Practical's / Tutorials	Test			
	3	1			
DECEMBER			Unit: 2: Population Genetics and Evolution	2.1 Introduction to Population genetics Hardy- Weinberg Law 2.3 Evolutionary genetics ,Nature of genetic variations Preserve balanced polymorphism Geographical isolation.	Unit II Started at 02/12/23 Completedat 24/12/23
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
JANUARY				2.4 Macroevolution and megaevolution Concept and Patterns of Macroevolution Megaevolution	2/1/23 Started. completed on 28/1/23
Teaching Days		25			
Periods Allotted		15			
Periods Available		8			
Teaching	Practical's / Tutorials	Test			
	3	1			
FEBRUARY			Unit: 3 Scientific Attitude Methodology, Scientific Writing and Ethics in Scientific Research	3.1 Process of science: A dynamic approach to investigation 3.2 Scientific writing	Unit III Started at 01/02/23 Complete at 15/02/23
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	4	1			

Month			Unit / Practical	Sub-unit Planned	Remark
OCTOBER			Unit 1: Origin and Evolution of Life	1.1 Introduction Evidences from geographical distribution, palaeontology, anatomy, embryology, physiology and genetics	Unit I Started at 02/10/23 Completed at 27/10/23
Teaching Days		20			
Periods Allotted		10			
Periods Available		5			
Teaching	Practical's / Tutorials	Test			
	3	1			
NOVEMBER				1.2 Evidences in favour of organic evolution Theory of Darwin and Neo- Darwinism Mutation Theory 1.3 Theories of organic evolution	2/11/22 Started to 23/11/22 completed
Teaching Days		15			
Periods Allotted		8			
Periods Available		8			
Teaching	Practical's / Tutorials	Test			
	3	1			
DECEMBER			Unit: 2: Population Genetics and Evolution	2.1 Introduction to Population genetics Hardy- Weinberg Law 2.3 Evolutionary genetics ,Nature of genetic variations Preserve balanced polymorphism Geographical isolation.	Unit II Started at 02/12/23 Completedat 24/12/23
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
JANUARY				2.4 Macroevolution and megaevolution Concept and Patterns of Macroevolution Megaevolution	2/1/23 Started. completed on 28/1/23
Teaching Days		25			
Periods Allotted		15			
Periods Available		8			
Teaching	Practical's / Tutorials	Test			
	3	1			
FEBRUARY			Unit: 3 Scientific Attitude Methodology, Scientific Writing and Ethics in Scientific Research	3.1 Process of science: A dynamic approach to investigation 3.2 Scientific writing	Unit III Started at 01/02/23 Complete at 15/02/23
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	4	1			

Month			Unit / Practical	Sub-unit Planned	Remark
MARCH				3.3 Writing a review paper 3.4 Ethics 3.5 Plagiarism	Started on 3/3/23 completed on 28/3/23
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
APRIL			Examination		
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

Sign of Faculty

1) MS. S.B. Sutar
2) Ms. A.E. Shetkar

Sign of HOD

Department of Zoology
D.K.Sc. College Dodamarg

Sign of Principal

Principal
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Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

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Estd. 15/6/2012 Dist.Sindhudrug

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2022 - 2023)

Name of Faculty - Mr. Anurag S. Sinari /Dr. S. V. More

Class - SY BSc

Semester - III/IV

Paper - II

Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE			Unit: 1 Nutrition and Excretion	1.1 Comparative study of nutritional apparatus : Amoeba, Hydra, Cockroach, Amphioxus, Pigeon, Ruminants. 1.2 Physiology of digestion in man. 1.3 Comparative study of excretory and osmoregulatory structures and functions. 1.4 Categorization of animals based on principle nitrogenous excretory products 1.5 Structure of kidney, uriniferous tubule and physiology of urine formation in man.	Unit I Started at 21/06/22 Completed at 05/08/22
Teaching Days		15			
Periods Allotted		7			
Periods Available		7			
Teaching	Practical's / Tutorials	Test			
JULY			Unit: 2: Respiration and Circulation	2.1 Comparative study of Respiratory organs : Earthworm, Spider, any bony fish, Frog and Pigeon. 2.2 Strucure and physiology of lungs in man 2.3 Comparative study of circulation. 2.4 Types of circulating fluids- Water, Coelomic fluid, Haemolymph, Lymph and Composition of blood 2.5 Comparative study of hearts : Earthworm, Cockroach, Shark, Frog,Crocodile and Pigeon. 2.6 Structure and mechanism of working of heart in man	Unit II Started at 12/08/22 Completed at 09/09/22
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	2	1			
AUGUST			Unit: 3 Control and Coordination, Locomotion and Reproduction	3.1 Control and coordination : Paramoecium, Hydra, earthworm. Types of neurons based on the structure and function. 3.2 Movement and Locomotion Locomotory organs - Structure and functions: Pseudopodia in Amoeba,Cilia in Paramecium, Wings and legs in cockroach, Tube feet in starfish,Fins of fish. 3.3 Structure of striated muscle fibre in human and sliding filament theory.	Unit III Started at 20/08/22 Completed at 07/09/22
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
SEPTEMBER				3.4 Reproduction (a) Asexual Reproduction- Fission, Fragmentation, Gemmule formation	Started on 8/9/22
Teaching Days		20			
Periods Allotted		10			

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg
Esta. 15/6/2012 Dist.Sindhudrug

Month			Unit / Practical	Sub-unit Planned	Remark
Periods Available		10		Fragmentation, Gemmule formation, Budding (b) Sexual reproduction i.	
Teaching	Practical's / Tutorials	Test			
OCTOBER					Completed on 28/10/23
Teaching Days		15		1)Gametogenesis 2)Structure of male and female gametes in human 3)Types of fertilization 4) Oviparity, Viviparity, Ovo-viviparity	
Periods Allotted		8			
Periods Available		8			
Teaching	Practical's / Tutorials	Test			
	2	1			
NOVEMBER			Unit 1 : Cell Biology	1.1 Introduction to cell biology 1.2 Nucleus	Unit I Started at 03/11/23 Completed at 14/11/23
Teaching Days		15			
Periods Allotted		7			
Periods Available		7			
Teaching	Practical's / Tutorials	Test			
	3	1			
DECEMBER				1.3 Plasma membrane 1.4 Transport across membrane 1.5 Cytoskeletal structures	1/12/22 Started Completed 24/12/22
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	3	1			
JANUARY			Unit 2 Endomembrane System	2.1 Endoplasmic reticulum 2.2 Golgi complex 2.3 Lysosomes	Unit II Started at 17/01/23 Completed at 28/01/23
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	3	1			
FEBRUARY			Unit 3: Biomolecules	2.4 Mitochondria 3.1 Biomolecules . 3.2 Carbohydrates 3.3 Amino Acids and Proteins	Unit III Started at 03/02/23 Completed at 28/02/23
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			

Month			Unit / Practical	Sub-unit Planned	Remark
MARCH					Started on 03/03/2023 completed on 28/3/23
Teaching Days		25			
Periods Allotted		15		3.4 Lipids 3.5 Vitamins	
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
APRIL					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

Sign of Faculty

Sign of HOD

Head
Department of Zoology
D.K.Sc. College Dodamarg

Sign of Principal

Principal
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Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

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Esta. 15/6/2012
Dist.Sindhudrug
Dodamarg, Tal.Dodamarg

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2022 - 2023)

Name of Faculty - Ms. Ayesha E. Shetkar / Mr. A. S. Sinari
Class - SY Bsc
Paper - III

Semester - III/IV
Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE			Unit 1: Ethology	1.1 Introduction to Ethology 1.2 Aspects of animal behaviour 1.3 Social behaviour	Unit I Started at 15/06/22 Completed at 14/08/22
Teaching Days		15			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
JULY			Unit 2: Parasitology	2.1 Introduction to Parasitology and Types of Parasites. 2.2 Host-parasite relationship and host specificity Different types of host-parasite relationships, structural specifici and ecological specificity 2.3 Life cycle, pathogenicity, control measures and treatment Entamoeba histolytica, Fasciola hepatica, Taenia solium	Unit II Started at 16/07/22 Completed at 28/07/22
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	2	1			
AUGUST			Unit 3: Economic Zoology	2.4 Morphology, life cycle, pathogenicity, control measures and treatment. 2.5 Parasitological significance Zoonosis- Bird flu, Anthrax, Rabies and Toxoplasmosis	Unit III Started at 18/08/22 Completed at 28/08/22
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			

Amdar Deepakbhai Kesarkar Science College Dodamarg Tal.Dodamarg
Esta. 15/6/2012 Dist.Sindhudrug

Month			Unit / Practical	Sub-unit Planned	Remark
SEPTEMBER				3.1 Apiculture and Economic importance. 3.2 Vermiculture	Started on Completed on
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
OCTOBER				3.3 Dairy Science and Milk and milk products	Started on completed on 2/10/22 completed on
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
NOVEMBER			UNIT 1: Dairy Industry	distribution, distinguishing characters and economic uses 1.2 Exotic breeds - Origin, distribution, distinguishing characters characters and economic uses 1.3 Indian buffalo breeds Origin, distribution, distinguishing characters and economic uses 1.4Systems of inbreeding and crossbreeding 1.5Maintenance of dairy farm	Unit I Started at 04/01/23 Completed at 10/02/23
Teaching Days		20			
Periods Allotted		8			
Periods Available		8			
Teaching	Practical's / Tutorials	Test			
	2	1			
DECEMBER			UNIT 2: Sericulture	1.6 Weaning of calf, castration and dehorning 1.7 Diseases and control 2.1 Introduction and scope of sericulture 2.2Varieties of silk worm, host plants 2.3Life history and rearing of Bombyx mori	Unit II Started at 11/12/23 Completed at 25/12/23
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
JANUARY			UNIT3: Aquaculture	2.4Harvesting and processing of cocoon. 2.5Reeling and extraction of silk 2.6Diseases and control measures 3.1 Pisciculture Definition and scope of fishery resources in India	Unit III Started at 01/03/23 Completed at 15/04/23
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			

Amdar. Deepakbhai Kesarkar Science College
Esta. 15/6/2012
Dist.Sindhudrug
Dodamarg. Tal.Dodamarg

Month			Unit / Practical	Sub-unit Planned	Remark
FEBRUARY				3.2 Finfish culture - monoculture and polyculture Role of exotic fishes in polyculture. Fish diseases symptoms and control. Prawn/shrimp culture: Sources, seed, culture methods.	Unit III started/point 2/2/23 completed 29/2/23
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	4	1			
MARCH				3.3 Pearl culture: Pearl producing species and their distribution	Started on 1/3/23 completed on 29/3/23
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	3	1			
APRIL			Examination		
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

1)
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2)

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Head
Department of Zoology
D.K.Sc. College Dodamarg

Sign of Principal

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug.

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2023 - 2024)

Name of Faculty - Ms. Ayesha E. Shetkar
Class - SY Bsc
Paper - III

Semester - III/IV
Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE			Unit 1: Ethology	1.1 Introduction to Ethology 1.2 Aspects of animal behaviour 1.3 Social behaviour	Unit I started on 1/7/2023 Completed on 26/7/23
Teaching Days		15			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
JULY			Unit 2: Parasitology	2.1 Introduction to Parasitology and Types of Parasites. 2.2 Host-parasite relationship and host specificity Different types of host-parasite relationships, structural specifici and ecological specificity 2.3 Life cycle, pathogenicity, control measures and treatment Entamoeba histolytica, Fasciola hepatica, Taenia solium	Unit II started on 2/8/23 Unit III completed on 8/9/23
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	2	1			
AUGUST			Unit 3: Economic Zoology	2.4 Morphology, life cycle, pathogenicity, control measures and treatment. 2.5 Parasitological significance Zoonosis- Bird flu, Anthrax, Rabies and Toxoplasmosis	Unit III started on 9/9/23
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			

Amdar Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

Month			Unit / Practical	Sub-unit Planned	Remark
SEPTEMBER				3.1 Apiculture and Economic importance. 3.2 Vermiculture	
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
OCTOBER				3.3 Dairy Science and Milk and milk products	Unit III completed on 13/10/23
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
NOVEMBER			UNIT 1: Dairy Industry	distribution, distinguishing characters and economic uses 1.2 Exotic breeds - Origin, distribution, distinguishing characters characters and economic uses 1.3 Indian buffalo breeds Origin, distribution, distinguishing characters and economic uses 1.4Systems of inbreeding and crossbreeding 1.5Maintenance of dairy farm	Unit I started on 29/11/23
Teaching Days		20			
Periods Allotted		8			
Periods Available		8			
Teaching	Practical's / Tutorials	Test			
	2	1			
DECEMBER			UNIT 2: Sericulture	1.6 Weaning of calf, castration and dehorning 1.7 Diseases and control 2.1 Introduction and scope of sericulture 2.2Varieties of silk worm, host plants 2.3Life history and rearing of Bombyx mori	Unit I Completed on 22/12/23 Unit II started on 28/12/24.
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
JANUARY			UNIT3: Aquaculture	2.4Harvesting and processing of cocoon. 2.5Reeling and extraction of silk 2.6Diseases and control measures 3.1 Pisciculture Definition and scope of fishery resources in India	Unit III Started on 16/12/24.
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			

Late Dr. Deepakbhai Kesarkar Science College Esta. 15/6/2012 Dist.Sindhudrug Dodamarg Tal.Dodamarg

Month			Unit / Practical	Sub-unit Planned	Remark
FEBRUARY				3.2 Finfish culture - monoculture and polyculture Role of exotic fishes in polyculture. Fish diseases symptoms and control. Prawn/shrimp culture: Sources, seed, culture methods.	
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	4	1			
MARCH				3.3 Pearl culture: Pearl producing species and their distribution	Unit III completed on 6/4/24.
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	3	1			
APRIL			Examination		
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

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Dodamarg, Tal.Dodamarg

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2022 - 2023)

Name of Faculty - Mr. P. R. Desai

Class - F.Y. B.Sc

Semester - I and II

Paper - I

Paper Code - 101 and 201

Month		Unit / Practical	Sub-unit Planned	Remark
JUNE				
Teaching Days				
Periods Allotted				
Periods Available				
Extra lecture				
JULY				
Teaching Days				
Periods Allotted				
Periods Available				
Extra lecture				
AUGUST		Unit I	Unit I Newton's laws Newton's first law second and third laws of motion interpretation and applications pseudo forces initial and non inertial frame of reference walked out examplesElasticity review of elastic constants Y,K, equivalence of shear strain to compression and extension strains relation between elastic constants, couple for twist in cylinder Fluid dynamics equation of continuity bernoulli's equation applications of bernoulli's equation streamline and turbulent flow lines of low in air foil is equation	Completed on 29/8/22
Teaching Days	20			
Periods Allotted	11			
Periods Available	11			
Extra lecture	0			
SEPTEMBER		Unit II	Lens makers formula, Newton's lens equation, magnification lateral longitudinal and angular Equivalent focal length of two thin lenses thick lens cardinal points of thick lens rams dens and Huygen's eyepiece Aberration spherical aberration reduction of spherical ab aberration chromatic aberration and condition for a chromatic aberration Interference interference in 3 films fringes in which shape films Newton's rings	Completed on 30/9/22
Teaching Days	22			
Periods Allotted	11			
Periods Available	11			
Extra lecture	1			
OCTOBER				

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Teaching Days	19	Unit III	Behaviour of real gases and real gas equation vendor walls equation Thermodynamic systems zeroth law of thermodynamics concept of heat the first law non	Completed on 21/10/22
Periods Allotted	10			
Periods Available	9			
Extra lecture	2			
NOVEMBER				
Teaching Days	20		adiabatic process and heat as a path function internal energy it capacity and specific heat applications of first law to simple processes general relations from the first law indicator diagrams work done during isothermal and adiabatic process work examples and problems semester examination theory and practical	Completed on 25/11/22
Periods Allotted	9			
Periods Available	9			
Extra lecture	2			
DECEMBER				
Teaching Days				
Periods Allotted				
Periods Available				
Extra lecture				
JANUARY		Unit I	1. Vector Algebra : Vectors, Scalars, Vector algebra, Laws of Vector algebra, Unit vector, Rectangular unit vectors, Components of a vector, Scalar fields, Vector fields, Problems based on Vector algebra. Dot or Scalar product, Cross or Vector product, Commutative and Distributive Laws, Scalar Triple product, Vector Triple product (Omit proofs). Problems and applications based on Dot, Cross and Triple products. 2. Gradient, divergence and curl: The ∇ operator, Definitions and physical significance of Gradient, Divergence and Curl; Distributive Laws for Gradient, Divergence and Curl (Omit proofs); Problems based on Gradient, Divergence and Curl.	Completed on 13/1/23
Teaching Days	13			
Periods Allotted	12			
Periods Available	11			
Extra lecture	0			
FEBRUARY		Unit: II	1. Differential equations: Introduction, Ordinary differential equations, First order homogeneous and non- homogeneous equations with variable coefficients, Exact differentials, General first order Linear Differential Equation, Second-order homogeneous equations with constant coefficients. Problems depicting physical situations like LC and LR circuits, Simple Harmonic motion (spring mass system). 2. Transient response of circuits: Series LR, CR, LCR circuits. Growth and decay of currents/charge.	Completed on 27/2/23
Teaching Days	23			
Periods Allotted	23			
Periods Available	23			
Extra lecture				
MARCH			1. Superposition of Collinear Harmonic	

Teaching Days	23		oscillations: Linearity and Superposition Principle. Superposition of two collinear oscillations having (1) equal frequencies and (2) different frequencies (Beats). 10 2. Superposition of two perpendicular Harmonic Oscillations: Graphical and Analytical Methods. Lissajous Figures with equal an unequal frequency and their uses 3. Wave Motion: Transverse waves on string. Travelling and standing waves on a string. Normal modes of a string, Group velocity, Phase velocity, Plane waves, Spherical waves, Wave intensity.	Completed on 31/3/23
Periods Allotted	14			
Periods Available	11	Unit:III		
Extra lecture				
APRIL				
Teaching Days				
Periods Allotted				
Periods Available				
Extra lecture				
MAY				
Teaching Days				
Periods Allotted				
Periods Available				
Extra lecture				

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ANNUAL TEACHING PLAN

(Academic Year 2023 - 2024)

Name of Faculty - Ms. Sonam Bhiva Sutar
Class - SY Bsc
Paper - I

Semester - III/IV
Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE			Unit: 1 Fundamentals of Genetics	1.1. Introduction to genetics 1.2 Mendelian Genetics 1.3 Multiple Alleles and Multiple Genes	Unit I Started on 1/7/2023
Teaching Days		15			
Periods Allotted		7			
Periods Available		7			
Teaching	Practical's / Tutorials	Test			
JULY			Unit: 2 Chromosomes and Heredity	1.4 Linkage and Crossing Over 2.1 Chromosomes 2.2 Sex-determination	Unit I completed 5/8/2023 Unit II started 7/8/2023
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	2	1			
AUGUST				2.3 Sex linked, sex influenced and sex limited	Unit II completed on 7/9/2023
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
SEPTEMBER			Unit: 3 Nucleic acids	3.1 Genetic material 3.2 Flow of genetic information in a Eukaryotic 3.3 Gene Expressions and regulation	Unit III Started on 11/9/2023 Completed on 14/10/2023
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			

Amdar. Deepakbhai Kesarkar Science College Dodamarg Estd. 15/6/2012 Dist.Sindhudrug Tal.Dodamarg

Month			Unit / Practical	Sub-unit Planned	Remark
OCTOBER			Unit 1: Origin and Evolution of Life	1.1 Introduction Evidences from geographical distribution, palaeontology, anatomy, embryology, physiology and genetics	Unit I started. 30/11/23
Teaching Days		20			
Periods Allotted		10			
Periods Available		5			
Teaching	Practical's / Tutorials	Test			
	3	1			
NOVEMBER				1.2 Evidences in favour of organic evolution Theory of Darwin and Neo- Darwinism Mutation Theory 1.3 Theories of organic evolution	Unit I completed 6/01/24
Teaching Days		15			
Periods Allotted		8			
Periods Available		8			
Teaching	Practical's / Tutorials	Test			
	3	1			
DECEMBER			Unit: 2: Population Genetics and Evolution	2.1 Introduction to Population genetics Hardy- Weinberg Law 2.3 Evolutionary genetics ,Nature of genetic variations Preserve balanced polymorphism Geographical isolation.	Unit II Started 1/11/24
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
JANUARY				2.4 Macroevolution and megaevolution Concept and Patterns of Macroevolution Megaevolution	Unit II completed on 17/12/2024
Teaching Days		25			
Periods Allotted		15			
Periods Available		8			
Teaching	Practical's / Tutorials	Test			
	3	1			
FEBRUARY			Unit: 3 Scientific Attitude Methodology, Scientific Writing and Ethics in Scientific Research	3.1 Process of science: A dynamic approach to investigation 3.2 Scientific writing	Unit III started 26/12/2024
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	4	1			

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg Estd. 15/6/2012 Dist.Sindhudurg

Month			Unit / Practical	Sub-unit Planned	Remark
MARCH				3.3 Writing a review paper 3.4 Ethics 3.5 Plagiarism	Unit III completed on 6/4/2024.
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
APRIL			Examination		
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2022 - 2023)

Name of Faculty - MR. P. R. Pujari

Class - S.Y.BSc

Paper - III

Semester - III and IV

Paper Code - 303 and 403

Month		Unit / Practical	Sub-unit Planned	Remark
JUNE		Unit I Acoustics laser and fibre optics	Unit I Acoustics laser and fibre optics Acoustics of buildings reverberation, Sabine's formula absorption coefficient, acoustics of buildings, factors affecting acoustic buildings, sound distribution in an auditorium	lecture start from 20/06/2022 Completed on 29/6/22
Teaching Days	10			
Periods Allotted	4			
Periods Available	4			
Extra lecture				
JULY		Unit I Acoustics laser and fibre optics	2 Laser: introduction, transition between atomic energy States ,principle of laser, properties of laser ,Helium- neon laser, application of laser, holography 3 Fibre optics: light propagation through fibres, fibre geometry ,internal reflection numerical aperture, step index and graded index fibres , applications of fibres	Completed on 30/7/22
Teaching Days	26			
Periods Allotted	16			
Periods Available	13			
Extra lecture	3			
AUGUST		Unit II	Introduction ,definition, history and scope of biophysics, biological fluids, physico -chemical properties, viscosity ,surface tension ,pH, Osmosis, osmotic pressure ,diffusion , Fick's law of diffusion, dialysis, cell is unit of life, fundamental understanding prokaryotic and eukaryotic cell structure and function, electrical properties of cell , action potential ,propagation of action potential, methods of measurement of action potential ,Nernst equation, Golman equation, the Hodgkin-Huxley model of action potential, voltage clamp technique, patch clamp technique,cell impedance and capacitance	Completed on 27/8/22
Teaching Days	22			
Periods Allotted	13			
Periods Available	10			
Extra lecture	3			
SEPTEMBER		Unit III	Unit III introduction to materials classification of materials based on structure and functionality types of materials :metals and alloys polymers, ceramics and composites, thin films,nanomaterials ,some physical and chemical method of material synthesis Properties of materials electrical properties review of energy band diagram for materials conducted semiconductors and insulators electrical conductivity in metals semiconductors and insulators dielectrics effect of temperature on conductivity	Completed on 30/9/22
Teaching Days	22			
Periods Allotted	13			
Periods Available	10			
Extra lecture	3			

OCTOBER				
Teaching Days				
Periods Allotted				
Periods Available			semester examination theory and practical	
Extra lecture				
NOVEMBER				
Teaching Days	22			
Periods Allotted	11			
Periods Available	10	Unit 1 :Introduction to Geophysics	Introduction to Geophysics its branches and relationship with other sciences. Earth and solar system: Meteorites and other extra-terrestrial materials. Age of Earth and various methods of determination Major tectonic features of the ocean oceanic and continental crust. Continental drift – geological and geophysical evidence. Gravity and magnetic anomalies at Mid-ocean ridges: deep sea trenches, continental shield areas and mountain chains. Geomagnetism, elements of Earth's magnetism: Internal, external fields and their causes, Palaeomagnetism, Polar wandering paths and reversals, Seafloor spreading and Plate tectonics. Seismic belts of the Earth: Seismicity and plate movements. Geodynamics of the Indian plate. Instrumentation, field procedures used in geophysical studies. Case studies Problems.	Completed on 30/11/22
Extra lecture	1			
DECEMBER				
Teaching Days	20			
Periods Allotted	10			
Periods Available	10	CHAPTER 2 : GEO-ENVIRONMENTAL SCIENCES	2.1 Environmental Magnetic Analysis relating to magnetic minerals and environmental systems, soil magnetism, mineral magnetic studies of lake and marine sediments and magnetic monitoring of air-, land- and water-pollution. 2.2 Geo-Environmental Studies relating to mining, urban, industrial, coastal and desert management, palaeoclimate, palaeoenvironment, medical geology, climate change and studies related to their impact on ecosystem. 2.3 Natural Hazard Investigations including scientific studies related to natural hazards such as earthquakes, landslides, floods and tsunamis.. Problems.	Completed on 24/11/22
Extra lecture				

JANUARY				
Teaching Days	20	Unit II : Microprocessors	8085 Microprocessor and Basic Assembly Language Programming (15 lectures) Introduction, Historical Perspective, Organization of a Microprocessor Based system, how does the Microprocessor works, Machine Language, Assembly Language, High Level Languages, Writing and executing an Assembly Language Program. diagram and function of each pin, A detailed look at 8085 Microprocessor. Basic definitions: Instruction, Opcode, operand. Instruction word Size, instruction Format, dataformat ,Addressing Modes,The 8085 Instruction Set(Classification) Data transfer Operations,Arithmetic Operations, Logical Operations Branch Operations , Introduction to AdvancedInstructions Flowchart	Completed on 14/1/23
Periods Allotted	9			
Periods Available	9			
Extra lecture	4			
FEBRUARY				
Teaching Days	23	Unit III : 15Lectures A)Radiation Physics	A)Radiation Physics 1: Basics of Radiation Science 3L Electromagnetic Spectrum, Introduction to radioactivity, Sources of radiation: Alpha, beta and gamma radiation, high energy electron radiation and X-rays, Radiation units, Sources of radiation: natural and man-made, Radiation protection 2: Radiation Detectors and Beam Calibration 4L Types of radiation detectors, Ionization detectors, scintillation detectors, particle detectors, TLD, thin film detectors, Radiation field analyzer, Basic principles of beam profile measurement	Completed on 16/2/23
Periods Allotted	9			
Periods Available	9			
Extra lecture				
MARCH				
Teaching Days	24	B) Radio communication :	1: Basics of Communication 3L Block diagram of communication system, types of communication system: simplex, duplex, analog and digital communication, Electromagnetic spectrum, base band and broad band communication. Noise concept and types, signal to noise ratio, noise figure, noise temperature. 2: Amplitude Modulation 2 L Need of modulation, concept of modulation, AM waveform, mathematical expression of AM, concept of sideband, demodulation principles. AM Receiver: TRF and super-heterodyne receiver, 3: Frequency Modulation 2 L FM modulation: definition, mathematical representation, frequency spectrum, bandwidth and modulation index. 4.Concept of ASK, PSK, FSK, PAM, PWM, PPM, PCM.	Completed on 27/3/23
Periods Allotted	9			
Periods Available	9			
Extra lecture				

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APRIL				
Teaching Days			semester examination theory and practical	
Periods Allotted				
Periods Available				
Extra lecture				
MAY				
Teaching Days				
Periods Allotted				
Periods Available				
Extra lecture				

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ANNUAL TEACHING PLAN

(Academic Year 2022 - 23)

Name of Faculty – M. M. Shet

Class - F.Y. BSc ., Semester - I & II

Paper - Chemistry-I Paper Code - USCDHD102 & USCDHD103

Month		Unit	Sub-unit Planned	Remark
JUNE				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				
JULY				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				
AUGUST		Unit-I.	1.1 Chemical Thermodynamics 1.2. Chemical calculations	12/09/2022. completed
Teaching Days	22			
Periods Allotted	13			
Periods Available	12			
Extra Lecture	01			

SEPTEMBER				
Teaching Days	22	Unit - II	2.1 Atomic Structure 2.2. Periodic Table and Periodicity.	3/10/2022. completed
Periods Allotted	11			
Periods Available	10			
Extra Lecture	03			
OCTOBER		Unit - III	3.1 Classification & Nomenclature of Organic compounds 3.2 Bonding & Structure of Organic compounds	19/10/2022. completed
Teaching Days	23			
Periods Allotted	13			
Periods Available	8			
Extra Lecture				
NOVEMBER		Unit - III	3.2 Bonding & Structure of Organic compounds. 3.3 fundamental of Organic Reaction Mechanism	18/11/2022 completed
Teaching Days	20			
Periods Allotted	17			
Periods Available	15			
Extra Lecture				
DECEMBER				
Teaching Days	21			
Periods Allotted				
Periods Available				

Estd. 15/6/2012 Dist. Sindhudrug

Extra Lecture				
JANUARY		Unit-III	3.1. Carbon-Carbon Sigma bond.	
Teaching Days	20			
Periods Allotted	13		3.2 Carbon-Carbon pi Bonds.	30/01/2023.
Periods Available	7			completed
Extra Lecture				
FEBRUARY		Unit-III.	3.2 Carbon-Carbon pi-bonds	27/02/23.
Teaching Days	23			
Periods Allotted	12			completed
Periods Available	12.			
Extra Lecture				
MARCH		Unit-III	3.2. Carbon-Carbon pi-bonds	
Teaching Days	24			
Periods Allotted	13.	Unit-I.	1.1 concept of Qualitative analysis	28/03/23
Periods Available	9			completed
Extra Lecture	02		1.2 Acid-base Theory	

APRIL		Unit - II	2.1 Gaseous State 2.2 Electrochemistry 2.3. Chemical Equilibria & Thermodynamic Parameters	9/04/23. completed.
Teaching Days	24			
Periods Allotted	13			
Periods Available	12			
Extra Lecture	03			
MAY				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				
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Estd. 15/6/2017 Dist.Sindhudrug

ANNUAL TEACHING PLAN

Academic year 2022 -23

Name of the faculty – **Mr. M. S. Patil**
Class – **B.Sc. II** semester – **III / IV**
Paper - **Paper II Chemistry** paper code -

month		Unit	Sub unit planned	remarks
June		1.1 Chemical Kinetics-II (3L) 1.3 Polymer I	Syllabus DISCUSSION AND BASIC 1.1 Chemical Kinetics-II 1.1.1 Types of Complex Chemical reactions: Reversible or opposing, consecutive and parallel reactions (No derivations, only examples expected), Thermal chain reactions: H. and Br. reaction. (only steps involved, no kinetic expression expected)* 1.3 Polymer, Monomer condensation reaction , addition reaction	30/05/2022 Completed
Teaching Days	10			
Periods Allotted	6			
Periods Available	6			
Extra Lecture	4			
July		1.2 Solutions: (8 L)	1.2 Solutions: (8 L) 1.2.1 Thermodynamics of ideal solutions: Ideal solutions and Raoult's law, deviations from Raoult's law–non-ideal solutions. Vapour pressure-composition and temperature -composition curves of ideal and non-ideal solutions. Distillation of solutions.Lever rule, Azeotropes. 1.2.2 Partial miscibility of liquids: Critical solution temperature; effect of impurity on partial miscibility of liquids with respect to Phenol-Water, Triethanolamine – Water and Nicotine –Water systems, 1.2.3 Immiscibility of liquids- Principle of steam distillation, 1.2.4 Nernst distribution law and its applications, solvent extraction.	25/07/2022 Completed
Teaching Days	26			
Periods Allotted	12			
Periods Available	10			
Extra Lecture	0			
August		2. Selected topics on p block elements 15L	2.1 Chemistry of Boron compounds 2.1.1 Electron deficient compounds – BH_3, BF_3, BCl_3 with respect to Lewis acidity and applications, 2.1.2 Preparation of simple boranes like diborane and tetraborane.2.1.3 Structure and bonding in diborane and tetraborane (2e-3c bonds), 2.1.4 Synthesis of Borax, 2.2 Chemistry of Silicon and Germanium 2.2.1 Silicon compounds: Occurrence , Structure and inertness of SiO_2, 2.2.2 Preparation of structure of $SiCl_4$, 2.2.3 Occurrence and extraction of Germanium, 2.2.4 Preparation of extra pure Silicon and Germanium	25/08/2022 completed
Teaching Days	22			
Periods Allotted	11			
Periods Available	10			
Extra Lecture	0			

Amdar. Deepalibhai Kesarkar Science College Dodamarg, Tal.Dodamarg Estd. 15/6/2012 Dist.Sindhudurg

September			2.3 Chemistry of Nitrogen family, 2.3.1 Trends in chemical reactivity - Formation of hydrides, halides, oxides with special reference to oxides of nitrogen, Unit III: Organic Chemistry 3.0 Carbonyl Compounds, 3.1 Nomenclature of aliphatic, alicyclic and aromatic carbonyl compounds. 3.2 Structure, reactivity of aldehydes and ketones 3.3 methods of preparation; Oxidation of primary and secondary alcohols using PCC, hydration of alkynes, action of Grignard reagent on esters, Rosenmund reduction, Gattermann – Koch formylation and Friedel Craft acylation of arenes 3.4 Reactions of aldehydes and ketones with NaHSO3, HCN, RMgX, alcohol, amine, phenyl hydrazine, 2,4-Dinitrophenyl hydrazine, LiAlH4 and NaBH4 , 3.5 Mechanisms of following reactions: Benzoin condensation, Knoevenagel condensation, Claisen-Schmidt and Cannizzaro reaction. Active 3.6 Keto-enol tautomerism: Mechanism of acid and base catalysed enolizationmethylene compounds: Acetylacetone, ethyl acetoacetate diethyl malonate, stabilised enols. 3.7 Reactions of Acetylacetone and ethyl acetoacetate (alkylation, conversion to ketone, mono- and dicarboxylic acid)	01/10/2022 completed
Teaching Days	22	**3.0 Carbonyl Compounds 15L**		
Periods Allotted	10			
Periods Available	10			
Extra Lecture	6			
October				
Teaching Days	24			
Periods Allotted	06			
Periods Available	06			
Extra Lecture	00			
November			Syllabus DISCUSSION AND BASIC 1 Solid State1.1.1 Recapitulation of laws of crystallography and types of crystals, 1.1.2Characteristics of simple cubic, face centered cubic and body centered cubic systems, 1.1.3interplanar distance in cubic lattice (only expression for ratio of interplanar distances are expected),	28/11/2022 completed.
Teaching Days	20	1.1 Solid State **7L**		
Periods Allotted	11			
Periods Available	3			
Extra Lecture	02			
December		**1.1 Solid State 1.2 Catalysis, 8L**	1.1.4 Use of X-rays in the study of crystal structure, Bragg's equation (derivation expected), X-rays diffraction method of studying crystal lattice structure, 1.1.5structure of NaCl and KCl. Determination of Avogadro's number (Numericals expected)	
Teaching Days	21			
Periods Allotted	10			

Periods Available	9		1.2 Catalysis 1.2.1 Types of catalysis, catalytic activity, specificity and selectivity, inhibitors, catalyst poisoning and deactivation 1.2.2Mechanisms and kinetics of acid-base catalyzed reactions, effect of pH, 1.2.3Mechanisms and kinetics of enzyme catalyzed reactions (Michaelis-Menten equation), 1.2.4 Effect of particle size and efficiency of nanoparticles as catalyst	19/12/2022 completed
Extra Lecture	0			
January		**2.1 Ions in aqeous medium 7L**	2.0 Ions in aqeous medium, 2.1.1 Acidity of Cations and Basicity of Anions, 2.1.2 Hydration of Cations; Hydrolysis of Cations predicting degree of hydrolysis of Cations-effect of Charge and Radious,2.1.3 Latimer Equation, 2.1.4 Relationship between pKa, acidity and z2/r ratios of metal ions graphical Presentation,2.1.5 Classification of cations on the basis of acidity category – Non acidic, 2.1.6 Moderately acidic, strongly acidic, very strongly acidic with pKa values range and examples2.1.7 Hydration of Anions; Effect of Charge and Radius, 2.1.8Hydration of anions concept, diagram classification on the basis of basicity,	30/01/2023 completed
Teaching Days	20			
Periods Allotted	8			
Periods Available	7			
Extra Lecture	0			
February		**2.2. Uses and Environmental Chemistry of volatile Oxides and oxo-acids, 8L** **3.1 Nitrogen containing compounds and heterocyclic compounds, 15L** **3.2 Diazonium Salts**	2.2. Uses and Environmental Chemistry of volatile Oxides and oxo-acids 2.2.1 Physical properties of concentrated oxo-acids like a- sulfuric, b-Nitric and c-Phosphoric acid, 2.2.2 Uses and environments aspects of these acids, 3.1.1 Amines: Nomenclature, effect of substituent on basicity of aliphatic and aromatic amines, 3.1.2. Preparation: Reduction ofaromaticnitro compounds using catalytic hydrogenation,chemical reduction using Fe-HCl, Sn-HCl, Zn-acetic acid, reduction of nitriles, ammonolysis of halides, reductive amination ; Hofmann bromamide reaction, 3.1.2. Reactions-Salt Formation, N-acylation, N-alkylation, Hofmann's exhaustive methylation (HEM),Hofmann-elimination reaction, reaction with nitrous acid, carbylamine reaction, Electrophilic substitution in aromatic amines: bromination, nitration and sulphonation.3.2.1 Preparation and their reactions/synthetic application - Sandmeyer reaction, Gattermann reaction, Gomberg reaction,3.2.2 Replacement of diazo group by -H,-OH. 3.2.3Azo coupling with phenols, naphthols and aromatic amines, reduction of diazonium salt to aryl hydrazine and hydroazobenzene,	01/03/2023 completed
Teaching Days	23			
Periods Allotted	12			
Periods Available	12			
Extra Lecture	0			
March		**3.3 Heterocyclic Compounds**	3.3.1. Classification, nomenclature, electronic structure, aromaticity in 5-numbered and 6-membered rings containing one heteroatom, 3.3.2. Synthesis of Furan, Pyrrole (Paal-Knorr synthesis, Knorr pyrrole synthesis, and Hantzsch synthesis), Thiophene, Pyridine (Hantzsch synthesis), 3.3.3. Reactivity of furan, pyrrole and thiophene towards electrophilic substitution reactions on the basis of stability of intermediate and of pyridine on the basis of electron distribution.3.3.4 Reactivity of pyridine toward nucleophilic substitution on the basis of	
Teaching Days	24			
Periods Allotted	10			
Periods Available	10			
Extra Lecture	0			

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			electron distribution.3.3.5 Reactions of furan, pyrrole and thiophene: halogenation, nitration, sulphonation, Vilsmeier-Haack reaction, Friedel-Crafts reaction. Furan: Diels-Alder reaction, Ring opening.3.3.6 Pyrrole: Acidity and basicity of pyrrole. Comparison of basicity of pyrrole and pyrrolidine,3.3.7 Pyridine: Basicity. Comparison of basicity of pyridine, pyrrole and piperidine. 3.3.8 Sulphonation of pyridine (with and without catalyst), reduction and action of sodamide (Chichibabin reaction)	11/04/2023 completed

Sign of faculty

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Department of Chemistry
D.K.Sc. College Dodamarg

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ANNUAL TEACHING PLAN

(Academic Year 2022 - 2023)

Name of Faculty - MR.N.M.CHOUGALE

Class - SY.BSC **Semester - V**

Paper - Chemistry-I **Paper Code - 301 & 401**

Month		Unit	Sub-unit Planned	Remark
JUNE		unit I-- 1.1 chemical thermodynamics	1.1.1 Inroduction,Helmholtz free energy, Gibbs free energy 1.1.2 variation of Gibbs free energy with pressure & temperature, Giibs-Helmholtz equation 1.1.3 Numericals 1.1.4thermodynamics of open system, partial molal properties 1.1.5 chemical potential , variation of chemical potential	lecture starts from 20/06/2022 Completed 03/07/2022
Teaching Days	10			
Periods Allotted	5			
Periods Available	5			
Extra Lecture	0			
JULY		Unit I--1.2 Electrochemistry	1.1.6 Gibbs-Duhem equation,concept of fugacity & activity 1.1.7 vant Hoff reaction isotherm & isochore 1.1.8 Numericals 1.2.1 Introduction,equivalent & molar conductance,cell constant 1.2.2variation with dilution for weak & strong electrolyte 1.2.3 Kohlrausch law, application in determination of degree of ionization & ionization constant 1.2.4 application in solubility & solubility product and ionic product 1.2.5.Transference number, moving boundry method 1.2.6 factors affecting on transference number, numericals 1.2.7 numericals 3.1.1 SN1, SN2 & mechanism 3.1.2 SNi mechanism, factors affecting on mechanism 3.1.3 Reactivity of aryl halides, addition-elimination mechanism, 3.1.4benzyne mechanism,cine substitution 3.1.5 Organomagnesium compounds,preparation, stability 3.1.6 reactions	Completed 07/08/2022
Teaching Days	26			
Periods Allotted	13			
Periods Available	13			
Extra Lecture	3			

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AUGUST				
Teaching Days		22	Unit III-- 3.1 Reactions & reactivity of halogenated hydrocarnon 3.2 Alcohols, Phenols & Epoxides	3.1.7 Organolithium compounds, preparation & reactions 3.2.1 Alcohols, nomenclatur, praparations 3.2.2 Properties of alcohols, hydrogen bonding, acidity 3.2.3 Reactions of alcohols 3.3.1 Preparation, physical properties of phenol 3.3.2comparative acidic strength, resonance stabilization 3.3.3 Reactions of phenols 3.4.1 Epoxides,nomenclature,Preparation 3.4.2 Reactions of epoxides 2.1.1 Ionic bonding, condition of formation 2.1.2 Types of ionic crystal, radius ratio rule 2.1.3 lattice energy,born-lande equation,kapustinski equation 2.1.4 Born-Haber cycle,application	Completed 30/08/2022
Periods Allotted		11		
Periods Available		10		
Extra Lecture		3		
SEPTEMBER			Unit II-- 2.1 Chemical bonding Non-Directional bonding 2.2 Directional bonding 2.3 MOT	2.2.1 VBT, Basic tenets 2.2.2 potential energy diagram, correction two hydrogen atom system 2.2.3homonuclear diatomic molecules 2.2.4resonance & formal charge 2.2.5 hybridisation & its types 2.2.6 equinalent & non-equivalent hybrid orbitals 2.2.7 sp3 hybridisation of some molecules 2.3.1 comparision of atomic & molecular orbitals 2.3.2LCAO-MO approch 2.3.3 wave mechanicl treatment 2.3.4 MOT of O2 molecule 2.3.5 numericals	Completed 25/09/2022
Teaching Days		22		
Periods Allotted		11		
Periods Available		11		
Extra Lecture		1		
OCTOBER				
Teaching Days				Examination
Periods Allotted				
Periods Available				
Extra Lecture				

NOVEMBER				
Teaching Days	**20**			
Periods Allotted	**10**			
Periods Available	**9**			
Extra Lecture		Unit-I 1) Electrochemistry 2) Phase Equilibria	1.1.1 Introduction,Electrochemical conventions 1.1.2 Reversible & irreversible cell,Nernst equation & its importance 1.1.3 Types of electrodes,standered electrode potential 1.1.4 Electrochemical series, numericals 1.1.5 Thermodynamics of reversible cell,calculation of thermodynamic properties ΔG 1.1.6 ΔH & ΔS , numericals 1.1.7 Calculation of equilibrium constant,Concentration cells with & without transference, 1.1.8 Liquid junction potential,& salt bridge 1.1.9 PH using hydrogen & quinhydrone electrode,numericals	Completed 23/11/2022
DECEMBER				
Teaching Days	**21**			
Periods Allotted	**8**			
Periods Available	**7**	Unit- II 1)Comparative chemistry of transition metals	1.2.1 Phase,components & degree of freedom of a system, 1.2.2 Gibbs phase rule & thermodynamic derivation 1.2.3 Clausis-Clapeyron equation,numericals 1.2.4Phase diagram of water 1.2.5 Phase diagram of sulphur 1.2.6 Eutectics,congruents & incongruent melting points 1.2.7 Lead-Silver system 2.1.1 Postion in periodic table,natural occurance,ores & minerals 2.1.2 Electronic configuration,extra stability of d0,d5, d10 2.1.3 unusual oxidation state & stabilities	Completed 17/12/2022
Extra Lecture	**3**			
JANUARY				
Teaching Days	**20**			
Periods Allotted	**9**			
Periods Available	**9**	2) Coordination chemistry	2.1.4 origin of color of transition metals 2.1.5 geometry o d-orbitals,charge transfer ability 2.1.6 magnetic properties 2.1.7 quenching of orbital moment 2.1.9 chemistri of titanium & vanadium 2.1.10 Qualitative tests for transition metal ions 2.1.11 Applications 2.2.1Introduction to coordination compounds 2.2.2 Basic terms & nomenclature 2.2.3 Types of ligand, stereoisomerism 2.2.4 Evidence of formation of coordination	Completed 08/01/2023
Extra Lecture	**4**			

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				compounds 2.2.5 Werners Theory,effective atomic number rule 2.2.6 18 electron rule,VBT	
FEBRUARY			Unit-III 1)Carboxylic acid & derivatives	2.2.7 VBT 2.2.8 Inner & outer orbital complexes 2.2.9 limitations of VBT,applications 3.1.1 Intoduction,Nomenclature 3.1.2 Properties,acidity 3.1.3 effects of substituents on acid strength 3.1.4 Preparation from oxidation of alcohols 3.1.5 Preparation from Grignards & nitriles 3.1.6 Reactions of carboxylic acids 3.1.7 HVZ reaction,conversion into derivatives 3.1.8 nucleophilic acyl substitution 3.1.9 acid-catalysed nucleophilic acyl substitution	Completed 15/03/2025
Teaching Days	23				
Periods Allotted	10				
Periods Available	9				
Extra Lecture	3				
MARCH			2) Sulphonic acids	3.1.10 Interconversion of acid derivatives 3.1.11 claisen condensation 3.1.12 Dieckmann condensation 3.2.1 Nomenclature,preparationof aromatic sulphonic acids 3.2.2 acidity of arene sulphonic acid 3.2.3 comparative acidity of carboxylic acid & sulphonic acid 3.2.4 salt formation,desulphonation 3.2.5 Ractions with alcohols,PCl5 3.2.6 IPSO substitution	Completed 21/03/2025
Teaching Days	24				
Periods Allotted	9				
Periods Available	9				
Extra Lecture	5				
APRIL					
Teaching Days					
Periods Allotted					
Periods Available					
Extra Lecture					

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MAY				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				

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D.K.Sc. College Dodamarg

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ANNUAL TEACHING PLAN

(Academic Year 2022 - 2023)

Name of Faculty - M. M. Shet

Class - T.Y.BSc | Semester - V & VI

Paper - Chemistry-V | Paper Code - USACDD501 & USACDD601

Month		Unit	Sub-unit Planned	Remark
JUNE		Unit - I	1.1 General Introduction to drugs 1.2 Routes of Drug Administration and Dosage forms	01/07/2022 completed
Teaching Days	10			
Periods Allotted	10			
Periods Available	9			
Extra Lecture				
JULY		Unit - I Unit - II	1.3 Pharmacodynamic Agents. 2.1 Analgesics, Antipyretics and Anti-inflammatory drugs 2.2 Antihistaminic drug 2.3 Cardiovascular drug 2.4 Antidiabetic drug 2.5 Antiparkinsonism drug	29/07/2022 completed
Teaching Days	26			
Periods Allotted	26			
Periods Available	18			
Extra Lecture				
AUGUST		Unit - III	3.1. Introduction to Dye-stuff Industry 3.2. Substrates for Dyes: Types of fibres 3.3. Classification of dyes based on Application and Dyeing methods.	9/09/2022 completed
Teaching Days	22			
Periods Allotted	22			
Periods Available	16			
Extra Lecture				
SEPTEMBER		Unit - IV	4.1. Colour and Chemical constitution dyes 4.2. Unit process and Dye Intermediates	01/10/2022 Completed
Teaching Days	22			
Periods Allotted	22			
Periods Available	16			
Extra Lecture				

OCTOBER Teaching Days Periods Allotted Periods Available Extra Lecture			
NOVEMBER Teaching Days: 20 Periods Allotted: 11 Periods Available: 11 Extra Lecture: 02	Unit - I	1.1. Drug Discovery, Design & Development 1.2. Drug Metabolism 1.3 Chemotherapeutic Agents. 1.3.1 Antibiotics & antiviral	21/12/2022. completed
DECEMBER Teaching Days: 21 Periods Allotted: 11 Periods Available: 10 Extra Lecture: 05	Unit - I Unit - II	1.3.2 Antimalarial 1.3.3. Antihelmintics & Antifungal. 2.1 Antiamoebic Drugs 2.2 Antitubercular & Antileprotic drugs	10/01/2023. completed
JANUARY Teaching Days: 20 Periods Allotted: 12 Periods Available: 12 Extra Lecture: 01	Unit - II	2.3. Antineoplastic Drugs. 2.4 Anti-HIV Drugs 2.5 Drugs Intermediates 2.6 Nano Particles in Medicinal Chemistry	9/02/2023. completed
FEBRUARY Teaching Days: 23 Periods Allotted: 16 Periods Available: 16 Extra Lecture: 01	Unit - II Unit - III	2.7. Drugs & Environmental 3.1 Classification of Dyes based on chemical constitution & Synthesis 3.2. Health & Environmental hazard.	6/03/2023 completed

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MARCH					
Teaching Days		24	Unit-IV	4.1 Non-textile Uses of dyes. 4.2 Pigments 4.3 Dyestuff Industry	18/03/2023. Completed
Periods Allotted		16			
Periods Available		15			
Extra Lecture		01			
APRIL					
Teaching Days					
Periods Allotted					
Periods Available					
Extra Lecture					
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Extra Lecture					

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Estd. 15/6/2012

ANNUAL TEACHING PLAN

Academic year 2022 -23

Name of the faculty – **Mr. A. B. Dhenge**
Class – **B.Sc. III** semester – **V / VI**
Paper - **Inorganic Chemistry** paper code -

month		Unit	Sub unit planned	remarks
June			**Recapitulation of Basic concept**	03 lectures are utilized
Teaching Days	10	**Unit – I Molecular symmetry and chemical bonding**	**Molecular symmetry and chemical bonding** **1.1 Molecular Symmetry** 1.1.1 Introduction to importance of symmetry in chemistry. 1.1.2 Symmetry elements and symmetry operations. 1.1.3 Concept of a point group with illustrations using the following point groups (i) $C\infty v$, (ii) $D\infty h$, (iii) C_2v, (iv) C_3v, (v) C_2h and (vi) D_3h	Completed at 28/06/22
Periods Allotted	09			
Periods Available	09			
Extra Lecture	00			
July			**1.2 Molecular orbital theory for heteronuclear diatomic molecules and polyatomic species**	Completed at 11/07/22
Teaching Days	20	**Unit – I Molecular symmetry and chemical bonding**	1.2.1 Comparison between homonuclear and heteronuclear diatomic molecules 1.2.2 Heteronuclear diatomic molecules like CO NO and HCl, appreciation of modified MO diagram for CO. 1.2.3 Molecular orbital theory for H_3 and H^+_3. 1.2.4 Molecular shape to molecular orbital approach in AB_3 molecules. Application of symmetry concepts for linear and angular species considering σ- bonding only. (Examples like; (i) BeH_2 (ii) H_2O)	
Periods Allotted	23			
Periods Available	22			
Extra Lecture	00			
		Unit – II Solid state chemistry	**2.1 Structure of Solids** 2.1.1 Explanation of term, viz., crystal lattice, lattice point, unit cell and lattice constants. 2.1.2 Closest packing of rigid spheres (hcp, ccp), packing density in	

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September				
Teaching Days	20			
Periods Allotted	23			
Periods Available	23			
Extra Lecture	02			
		Unit – IV Some selected topics	3.4 Application of lanthanides. **4.1 Chemistry of non-aqueous solvents** 4.1.1 Classification of solvents and importance of non-aqueous solvents. 4.1.2 Characteristics and study of liquid ammonia, dinitrogen tetra oxides as non-aqueous solvents with respect to: (i) acid- base reactions and (ii) redox reactions. **4.2 Comparative Chemistry of group 16** 4.2.1 Electronic configurations, trends in physical properties, allotropy. 4.2.2 Manufacture of sulphuric acid by contact process **4.3 Comparative Chemistry of group 17** 4.3.1 Electronic configuration, general characteristics, anomalous properties of Fluorine, comparative study of acidity of oxyacids of chlorine with respect to acidity, oxidising properties and structure (on the basis of VSEPR theory). 4.3.2 Chemistry of interhalogens with reference to preparations, properties and structure (on the basis of VSEPR theory).	Completed at 06/09/22 Completed at 16/09/22 Completed at 23/09/22 Completed at 30/09/22

September				
Teaching Days	20			
Periods Allotted	23			
Periods Available	23			
Extra Lecture	02			
		Unit – IV Some selected topics	3.4 Application of lanthanides. **4.1 Chemistry of non-aqueous solvents** 4.1.1 Classification of solvents and importance of non-aqueous solvents. 4.1.2 Characteristics and study of liquid ammonia, dinitrogen tetra oxides as non-aqueous solvents with respect to: (i) acid- base reactions and (ii) redox reactions. **4.2 Comparative Chemistry of group 16** 4.2.1 Electronic configurations, trends in physical properties, allotropy. 4.2.2 Manufacture of sulphuric acid by contact process **4.3 Comparative Chemistry of group 17** 4.3.1 Electronic configuration, general characteristics, anomalous properties of Fluorine, comparative study of acidity of oxyacids of chlorine with respect to acidity, oxidising properties and structure (on the basis of VSEPR theory). 4.3.2 Chemistry of interhalogens with reference to preparations, properties and structure (on the basis of VSEPR theory).	Completed at 06/09/22 Completed at 16/09/22 Completed at 23/09/22 Completed at 30/09/22

November				
Teaching Days	09	**Unit – I THEORIES OF THE METAL – LIGAND BOND (I)**	1.1 limitations of Valence Bond Theory 1.2 Crystal Field Theory and effect of crystal fields on central metal valence orbital's in various geometries from linear to octahedral (from Coordination number 2 to coordination number 6) 1.3 Splitting of d orbitals in octahedral, square planar and tetrahedral crystal fields. 1.4 distortion from the octahedral geometry: (i) effect of ligand field and (ii) Jahn –Teller distortions.	
Periods Allotted	09			
Periods Available	09			
Extra Lecture	00			
December				
Teaching Days	20	**Unit – I THEORIES OF THE METAL – LIGAND BOND (I)**	1.5 Crystal Field Splitting parameters Δ; its calculation and factors affecting it in octahedral complexes, spectrochemical series. 1.6 Crystal Field stabilization energy (CFSE), calculation of CFSE for octahedral complexes with d^0 to d^{10} metal ion configurations. 1.7 consequences of crystal field splitting on various properties such as ionic radii, hydration energy, and enthalpies of formation of metal complexes of the first transition series. 1.8 Limitations of CFT: Evidences for covalence in metal complexes: (i) intensities of d - d transitions, (ii) ESR spectrum of $[IrCl_6]^{2-}$ and (iii) Nephalauxetic effect. **2.1 Molecular Orbital Theory for coordination compounds** 2.1.1 Identification of the central metal orbitals and their symmetry suitable for	Completed at 02/12/22
Periods Allotted	20			
Periods Available	18			
Extra Lecture	00			

		Unit II *THEORIES* OF THE METAL – LIGAND BOND (II)	formation of σ bonds with ligand orbitals. 2.1.2 Construction of ligand group orbitals. 2.1.3 Construction of σ – molecular orbitals for an ML_6 complexes. 2.1.4 Effect of π - bonding on complexes. 2.1.5 Examples like $[FeF_6]^{-4}$, $[Fe(CN)_6]^{-4}$, $[FeF_6]^{-3}$, $[Fe(CN)_6]^{-4}$, $[CoF_6]^{-3}$, $[Co(NH_3)_6]^{+3}$ **2.2 stability of metal complexes** 2.2.1 Thermodynamics and kinetic perspectives of metal complexes with suitable examples. 2.2.2 stability constants: stepwise and overall stability constants and their interrelationship 2.2.3 Factors affecting thermodynamic stability **2.3 Reactivity of metal complexes** 2.3.1 Comparison between inorganic and organic reaction, 2.3.2 Types of reactions in metal complexes 2.3.3 Inert and labile complexes: correlation between electronic configurations and lability of complexes 2.3.4 Ligand substitution reactions: Associative and Dissociative mechanisms. 2.3.5 Acid hydrolysis and anation reactions.	Completed at 02/12/22 Completed at 14/12/22 Completed at 19/12/22
January			**2.4 Electronic spectra** 2.4.1 Origin of electronic spectra 2.4.2 Types of electronic transitions in	
Teaching Days	13			

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Periods Allotted	12	**Unit II *THEORIES* OF THE METAL – LIGAND BOND (II)**	coordination compounds intra-ligand, charge transfer and intra – metal transitions. 2.4.3 Selection rules for electronic transitions 2.4.4 Electronic configuration and electronic micro states, terms and term symbol for transition metal ions, rules for determination of ground state term. 2.4.5 Determination of terms for p^2 and d^1 electronic configuration	Completed at 03/01/23
Periods Available	11			
Extra Lecture	00			
		Unit – III ORGANO - METALLIC CHEMISTRY	**3. ORGANO -METALLIC CHEMISTRY** 3.1.1 General characteristics of various types of organometallic compounds, viz., ionic, $\sigma - bonded$ and electron deficient compounds. 3.1.2 General synthetic methods of organometallic compounds: (i) Oxidative – addition, (ii) Metal – metal exchange (transmetallation), (iii) Carbanion – halide exchange, (iv) Metal – Hydrogen exchange (metallation) and (v) Methylene insertion reactions. 3.1.3 some chemical reactions of organometallic compounds: (i) reactions with Oxygen and halogens, (ii) Alkylation and arylation reactions (iii) Reactions with protic reagents, (iv) Redistribution reactions and (v) Complex formation reaction.	Completed at 10/01/23

February				
Teaching Days	23	**Unit – III ORGANO - METALLIC CHEMISTRY**	**3.2 Metallocenes** Introduction, Ferrocene: synthesis, properties, structure and bonding on the basis of VBT **3.3 Catalysis** 3.3.1 comparison between homogeneous and heterogeneous catalysis 3.3.2 Basic steps involved in homogeneous catalysis 3.3.3 Mechanism of Wilkinson's catalysts in hydrogenation of alkenes.	Completed at 07/02/23 Completed at 13/02/23
Periods Allotted	23			
Periods Available	23			
Extra Lecture	00			
		UNIT-IV SOME SELECTED TOPICS	**SOME SELECTED TOPICS** **4.1 Metallurgy** 4.1.1 Types of metallurgies. 4.1.2 General steps of metallurgy; concentration of ore, calcinations, roasting, reduction and refining. 4.1.3 Metallurgy of copper: occurrence, physiochemical principles, extraction of copper from pyrites and refining by electrolysis. **4.2 Chemistry of group 18** 4.2.1 Historical perspectives 4.2.2 General characteristics and trends in physical and chemical properties. 4.2.3 Isolation of noble gases 4.2.4 Compounds of xenon (oxides and fluorides) with respect to preparation and structure (VSEPR). 4.2.5 Uses of noble gases.	Completed at 24/02/23 Due to FDP This work is Completed at 15/03/23
March				
Teaching Days	23	**UNIT-IV SOME SELECTED TOPICS**	**4.3 Introduction to Bioinorganic Chemistry** 4.3.1 Essential and non – essential elements in biological systems.	Completed at 20/03/23
Periods Allotted	14			
Periods Available	11			

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Extra Lecture	00		4.3.2 Biological importance of metal ions such as Na^+, K^+, Fe^{+2}/ Fe^{+3} and Cu^{+2} (role of Na^+ and K^+ w.r.t. ion	

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ANNUAL TEACHING PLAN

Academic year 2022-2023

Name of the faculty – **Mr. M. S. Patil**
Class – **B.Sc. III** semester – **V / VI**
Paper - **Organic Chemistry** paper code -

month		Unit	Sub unit planned	remarks
June		Syllabus DISCUSSION AND BASIC Unit I 1.1 Mechanism of organic reactions (10 L)	Syllabus DISCUSSION AND BASIC Unit I 1.1 Mechanism of organic reactions (10 L) 1.1.1 The basic terms & concepts: bond fission, reaction intermediate electrophiles & nucleophiles, ligand, base,electrophilicity vs. acidity & nucleophilicity vs basicity. 1.1.2 Neighbouring group participation in nucleophilic substitution reactions, participation of lone pair of electrons, kinetics and stereochemical outcome, 1.1.3 Acyl nucleophilic substitution (Tetrahedral mechanism): Acid catalyzed esterification of carboxylic acids (AAC2) and base promoted hydrolysis of esters (BAC2). 1.1.4 Pericyclic reactions, classification and nomenclature	02/09/2022 completed
Teaching Days	10			
Periods Allotted	10			
Periods Available	9			
Extra Lecture	0			
July		Unit I 1.1 Mechanism of organic reactions 1.2 Photochemistry (5 L) Unit II 2.1 Stereochemistry I (5 L) 2.2 Agrochemicals (4L) 2.3 Heterocyclic chemistry: (6 L)	1.1.4.1 Electro cyclic reactions (ring opening and ring closing), cycloaddition, sigma tropic Rearrangement, group transfer reactions, cheletropic reaction (definition and one example of each type) 1.1.4.2 Pyrolytic elimination: Cope, Chugaev, pyrolysis of acetates 1.2 Photochemistry (5 L) 1.2.1 Introduction: Difference between thermal and photochemical reactions. Jablonski diagram, singlet and triplet states, allowed and forbidden transitions, fate of excited molecules, photosensitization, 1.2.3 Photochemistry of carbonyl compounds: Norrish I, Norrish II cleavages. Photo reduction (e.g. benzophenone to benzpinacol) Unit II 2.1 Stereochemistry I (5 L), 2.1.1 Molecular chirality and elements of symmetry: Mirror plane symmetry, inversion center, roation -reflection (alternating) axis. 2.1.2 Chirality of compounds without a stereo genic center cummulenes and biphenyls, 2.2 Agrochemicals (4 L) 2.2.1 General introduction & scope, meaning & examples of insecticides, herbicides, fungicide, rodenticide, pesticides, plant growth regulators, 2.2.2 Advantages & disadvantages of agrochemicals,	01/08/2022 completed
Teaching Days	26			
Periods Allotted	26			
Periods Available	21			
Extra Lecture	0			

			2.2.3 Synthesis & application of IAA (Indole Acetic Acid) & Endosulphan, 2.2.4 Bio pesticides – Neem oil & Karanj oil,	
August		**Unit III 3.1 IUPAC (5 L) IUPAC Nomenclature** **3.2 Synthesis of organic compounds (10L)**	2.3 Heterocyclic chemistry: (6 L) 2.3.1 Reactivity of pyridine-N-oxide, quinoline and iso-quionoline. 2.3.2 Preparation of pyridine-N-oxide, quinoline (Skraup synthesis), iso-quinoline (BischlerNapieralski synthesis)., 2.3.3 Reactions of pyridine-N-oxide: halogenation, nitration and reaction with NaNH2/liq.NH3, n-BuLi, 2.3.4 Reactions of quinoline and isoquinoline;.oxidation,reduction,nitration,halogenation and reaction with NaNH2/liq.NH3,n-BuLi, Unit III 3.1 IUPAC (5 L) IUPAC Nomenclature Systematic nomenclature of the following classes of compounds (including compounds upto two substituents / functional groups), 3.1.1 Bicyclic compounds – spiro, fused and bridged (upto 11 carbon atoms) – saturated and unsaturated compounds 3.2 Synthesis of organic compounds (10L) 3.2.1 Introduction: Linear and convergent synthesis, criteria for an ideal synthesis, concept of chemo selectivity and regioselectivity with examples, calculation of yields.	27/08/2022 completed
Teaching Days	22			
Periods Allotted	21			
Periods Available	17			
Extra Lecture	0			
September		**3.2 Synthesis of organic compounds** **Unit - IV** **4.1 Spectroscopy I** **4.2 Natural Products**	3.2.2 Multicomponent Synthesis: Mannich reaction, Biginelli reaction. Synthesis with examples (no mechanism), 3.2.3 Green chemistry and synthesis: Introduction: Twelve principles of green chemistry, concept of atom economy and E-factor, calculations and their significance, numerical examples, i) green reagents: dimethyl carbonate, ii) Green starting materials: D-glucose iii) Green solvents : supercritical CO_2 iv) Green catalysts: Bio catalysts, 3.2.4 Planning of organic synthesis i) synthesis of nitroanilines. (o&p) ii) synthesis of halobenzoic acid. (o&p iii) Alcohols (primary / secondary / tertiary) using Grignard reagents. iv) Alkanes (using organo lithium compounds. 4.1 Spectroscopy I (5 L) 4.1.1 Introduction: Electromagnetic spectrum, units of wavelength and frequency, 4.1.2 UV – Visible spectroscopy: Basic theory, solvents, nature of UV-Visible spectrum, concept of chromophore, auxochrome, bathochromic and hypsochromic shifts, hyperchromic and hypochromic effects,	29/09/2022 completed
Teaching Days	22			
Periods Allotted	22			
Periods Available	21			
Extra Lecture	0			

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			chromophore-chromophore and chromophore-auxochrome interactions, Importance of molecular ion peak, isotopic peaks, base peak, nitrogen rule, rule of 13 for determination of empirical formula and molecular formula, Fragmentation of alkanes and aliphatic carbonyl compounds, 4.2 Natural Products: (10L) 4.2.1. Terpenoids: Introduction, Isoprene rule, special isoprene rule and the gem-dialkyl rule	
October Teaching Days: 12 Periods Allotted: 09 Periods Available: 05 Extra Lecture: 00			4.2.2 Citral: a) Structural determination of citral. b) Synthesis of citral from methyl heptenone c) Isomerism in citral. (Cis and trans form). 4.2.3. Alkaloids Introduction and occurrence, Hofmann's exhaustive methylation and degradation in: simple open chain and N – substituted monocyclic amines, 4.2.4 Nicotine: a) Structural determination of nicotine. (Pinner's work included), b) Synthesis of nicotine from nicotinic acid c) Harmful effects of nicotine, 4.2.5 Hormones: Introduction, structure of adrenaline (epinephrine), physiological action of adrenaline,Synthesis of adrenaline from a) Catechol b) p-hydroxybenzaldehyde (Ott's synthesis)	19/10/2022 completed
November Teaching Days: 20 Periods Allotted: 20 Periods Available: 13 Extra Lecture: 0		**Syllabus DISCUSSION** **2.1 Molecular Rearrangements** **2.2 Carbohydrates**	2.1 Molecular Rearrangements 2.1.1 Migration to the electron deficient carbon: Pinacol-pinacolone rearrangement. 2.1.2 Migration to the electron deficient nitrogen: Beckmann rearrangement. 2.1.3 Migration involving a carbanion : Favorski rearrangement. 2.1.4 Name reactions: Michael addition, Wittig reaction. 2.2 Carbohydrates 2.2.1 Introduction: classification, reducing and non-reducing sugars, DL notation, 2.2.2 Structures of monosaccharides: Fischer projection (4-6 carbon monosaccharides) 2.2.3 Haworth formula (furanose and pyranose forms of pentoses and hexoses) 2.2.4 Interconversion: open chain and Haworth forms of monosaccharides with 5 and 6 carbons. 2.2.5 Chair conformation with stereochemistry of D-glucose, Stability of chair form of D-glucose 2.2.6 Stereoisomers of D-glucose: enantiomer, diastereomers, anomers, epimers. 2.2.7 Mutarotation in D-glucose with mechanism 2.2.8 Chain lengthening & shortening reactions: Modified Kiliani-Fischer synthesis (D-arabinose to D-glucose and D-mannose), Wohl method (D-glucose to D-arabinose),	03/12/2022 completed

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December			2.2.8 Reactions of D-glucose and D-fructose:(a) Osazone formation (b) reduction: Hi/Ni, NaBH4 (c) oxidation: bromine water, HNO3, HIO4 (d) acetylation (e) methylation:(d) and (e) with cyclic pyranose forms 2.2.9 Glycosides: general structure, 1.1 Stereochemistry II 1.1.1 Stereoselectivity and stereospecificity: Idea of enantioselectivity (ee) and diastereoselectivity (de) , 1.1.2 Topicity : enantiotopic and diasterotopic atoms, groups and faces. 1.1.3 Stereochemistry of – i) Substitution reactions : SNi (reaction of alcohol with thionyl chloride) ii) Elimination reactions: E2–Base induced dehydrohalogenation of 1-bromo-1,2-diphenylpropane. iii) Addition reactions to olefins: a) bromination (electrophilic anti addition) b) syn hydroxylation with OsO4 and KMnO4 c) epoxidation followed by hydrolysis	21/12/2022 completed.
Teaching Days	21			
Periods Allotted	21			
Periods Available	17			
Extra Lecture	00			
January		1.1 Stereochemistry II 1.2 Amino acids & Proteins	1.2 Amino acids & Proteins 1.2.1 α-Amino acids: General Structure, configuration, and classification based on structure and nutrition. 1.2.2 Properties: pH dependency of ionic structure, isoelectric point and zwitter ion. 1.2.3 Methods of preparations: Strecker synthesis, Gabriel phthalamide synthesis, 1.2.4 Polypeptides and Proteins: nature of peptide bond. Nomenclature and epresentation of polypeptides (di-and tri-peptides) with examples 1.2.5 Merrifield solid phase polypeptide synthesis. 1.2.6 Protiens:general idea of primary,secondary,tertiary & quaternary structure 3.1 Spectroscopy II 3.1.1 IR Spectroscopy: Basic theory, nature of IR spectrum, selection rule, fingerprint region. 3.1.2 PMR Spectroscopy: Basic theory of PMR, nature of PMR spectrum, chemical shift (δunit),standard for PMR, solvents used. 3.1.3 Factors affecting chemical shift: (1) inductive effect (2) anisotropic effect (with reference to C=C, C≡C, C=O and benzene ring).	06/02/2023 completed
Teaching Days	20			
Periods Allotted	20			
Periods Available	15			
Extra Lecture	0			

February		**3.1 Spectroscopy II** **3.2 Nucleic Acids** **4.1 Polymer**	3.1.4 Spin- spin coupling and coupling constant. application of deuterium exchange technique. 3.1.5 application of PMR in structure determination. 3.1.6 Spectral characteristics of following classes of organic compounds, including benzene and monosubstituted benzenes, with respect to IR and PMR: (1) alkanes (2) alkenes (3) alkynes (4) haloalkanes (5) alcohols (6) carbonyl compounds (7) ethers (8) amines (broad regions characteristic of different groups are expected).3.1.6 Problems of structure elucidation of simple organic compounds using individual or combined use of UV-Vis, IR, Mass and NMR spectroscopic technique are expected. (Index of hydrogen deficiency should be the first step in solving the problems). 3.2 Nucleic Acids 3.2.1Controlled hydrolysis of nucleic acids. sugars and bases in nucleic acids. 3.2.2Structures of nucleosides and nucleotides in DNA and RNA. Structures of nucleic acids (DNA and RNA) including base pairing. 4.1 Polymer 4.1.1 Introduction: terms monomer, polymer, homopolymer, copolymer, thermo plastics and thermosets. 4.1.2 Addition polymers: polyethylene, polypropylene, teflon, polystyrene, PVC, Uses.4.1.3 Condensation polymers: polyesters, polyamides, polyurethanes, polycarbonates, phenol formaldehyde resins.Uses	09/03/2023 completed
Teaching Days	23			
Periods Allotted	23			
Periods Available	21			
Extra Lecture	0			
March		**4.1 Polymer** **4.2 Catalysts and Reagents**	4.1.4 Stereochemistry of polymers: Tacticity, mechanism of stereochemical control of polymerization using Ziegler Natta catalysts.4.1.5 Natural and synthetic rubbers: Polymerisation of isoprene: 1,2 and 1,4 addition (cis and trans), Styrene butadiene copolymer. 4.1.6 Additives to polymers: Plasticisers, stabilizers and fillers. 4.1.7 Biodegradable polymers: Classification and uses. polylactic acid structure, properties and use for packaging and medical purposes. 4.2.1 Catalysts: Catalysts for hydrogenation: a. Raney Nickel,b. Pt and PtO2 (C=C, CN, NO2, aromatic ring),c. Pd/C : C=C, COCl→CHO (Rosenmund), d. Lindlar catalyst: alkynes 4.2.2 Reagents: a. LiAlH4 (reduction of CO, COOR, CN,NO2),b. NaBH4 (reduction of CO) c. SeO2 (Oxidation of CH2 alpha to CO),d. mCPBA (epoxidation of C=C) e. NBS (allylic and benzylic bromination)	31/03/2023 completed.
sTeaching Days	24			
Periods Allotted	23			
Periods Available	15			
Extra Lecture	0			

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ANNUAL TEACHING PLAN

(Academic Year 2023 - 2024)

Name of Faculty - Mr. P. R. Desai
Class - F.Y. B.Sc
Paper - I

Semester - I and II
Paper Code - 101 and 201

Month		Unit / Practical	Sub-unit Planned	Remark
JUNE				
Teaching Days				
Periods Allotted				
Periods Available				
Extra lecture				
JULY				
Teaching Days	30	Unit I	Newton's laws Newton's first law second and third laws of motion interpretation and applications pseudo forces initial and non inertial frame of reference walked out examplesElasticity review of elastic constants Y,K, equivalence of shear strain to compression and extension strains relation between elastic constants, couple for twist in cylinder Fluid dynamics equation of continuity bernoulli's equation applications of bernoulli's equation streamline and turbulent flow lines of low in air foil is equation	Completed on 31/7/23
Periods Allotted	13			
Periods Available	13			
Extra lecture	5			
AUGUST				
Teaching Days	26	Unit II	Lens makers formula, Newton's lens equation, magnification lateral longitudinal and angular Equivalent focal length of two thin lenses thick lens cardinal points of thick lens rams dens and Huygen's eyepiece Aberration spherical aberration reduction of spherical ab aberration chromatic aberration and condition for a chromatic aberration Interference interference in 3 films fringes in which shape films Newton's rings	Completed on 28/8/23
Periods Allotted	10			
Periods Available	10			
Extra lecture	4			
SEPTEMBER				
Teaching Days	15	Unit III	Behaviour of real gases and real gas equation vendor walls equation Thermodynamic systems zeroth law of thermodynamics concept of heat the first law nonadiabatic process and heat as a path function internal energy it capacity and specific heat	Completed on 29/9/23
Periods Allotted	7			
Periods Available	7			
Extra lecture	1			

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OCTOBER				
Teaching Days	13	Unit III	applications of first law to simple processes general relations from the first law indicator diagrams work done during isothermal and adiabatic process work examples and problems semester examination theory and practical	Completed on 12/10/23
Periods Allotted	5			
Periods Available	5			
Extra lecture	0			
NOVEMBER				
Teaching Days				
Periods Allotted				
Periods Available				
Extra lecture				
DECEMBER				
Teaching Days				
Periods Allotted				
Periods Available				
Extra lecture				
JANUARY		Unit I	1. Vector Algebra : Vectors, Scalars, Vector algebra, Laws of Vector algebra, Unit vector, Rectangular unit vectors, Components of a vector, Scalar fields, Vector fields, Problems based on Vector algebra. Dot or Scalar product, Cross or Vector product, Commutative and Distributive Laws, Scalar Triple product, Vector Triple product (Omit proofs). Problems and applications based on Dot, Cross and Triple products. 2. Gradient, divergence and curl: The ∇ operator, Definitions and physical significance of Gradient, Divergence and Curl; Distributive Laws for Gradient, Divergence and Curl (Omit proofs); Problems based on Gradient, Divergence and Curl.	Completed on 12/1/24
Teaching Days	13			
Periods Allotted	12			
Periods Available	11			
Extra lecture	0			
FEBRUARY		Unit: II	1. Differential equations: Introduction, Ordinary differential equations, First order homogeneous and non- homogeneous equations with variable coefficients, Exact differentials, General first order Linear Differential Equation, Second-order homogeneous equations with constant coefficients. Problems depicting physical situations like LC and LR circuits, Simple Harmonic motion (spring mass system). 2. Transient response of circuits: Series LR, CR, LCR circuits. Growth and decay of currents/charge.	Completed on 23/2/24
Teaching Days	23			
Periods Allotted	23			
Periods Available	23			
Extra lecture				

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MARCH				
Teaching Days	23	Unit:III	1. Superposition of Collinear Harmonic oscillations: Linearity and Superposition Principle. Superposition of two collinear oscillations having (1) equal frequencies and (2) different frequencies (Beats). 10 2. Superposition of two perpendicular Harmonic Oscillations: Graphical and Analytical Methods. Lissajous Figures with equal an unequal frequency and their uses 3. Wave Motion: Transverse waves on string, Travelling and standing waves on a string. Normal modes of a string, Group velocity, Phase velocity, Plane waves, Spherical waves, Wave intensity.	Completed on 18/2/24
Periods Allotted	14			
Periods Available	11			
Extra lecture				
APRIL				
Teaching Days				
Periods Allotted				
Periods Available				
Extra lecture				
MAY				
Teaching Days				
Periods Allotted				
Periods Available				
Extra lecture				

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2023 - 2024)

Name of Faculty - Mr. P.R. Desai
Class - S.Y.B.Sc
Paper -II

Semester - III and IV
Paper Code - 302 and 402

Month		Unit / Practical	Sub-unit Planned	Remark
JUNE		Unit I vector calculus	I Line ,surface and volume integrals, the fundamental theorem of calculus ,the fundamental theorem of gradient, the fundamental theorem of divergence, the fundamental theorem of curl. problems based on these theorems required to be done	lecture start from 15/06/2023 Completed on 30/6/23
Teaching Days	12			
Periods Allotted	11			
Periods Available	11			
Extra lecture	0			
JULY		Unit I vector calculus and Unit II analog electronics	II Curvilinear coordinates cylindrical coordinates, spherical coordinates Unit II analog electronics I Transistor biasing, inherent variations of transistor parameters, stabilization, essentials of a transistor biasing circuit, stability factor, methods of transistor biasing, base resistor method, emitter bias circuit, circuit analysis of emitter bias, biasing with collector feedback resistor, voltage divider bias method, stability factor for potential divider bias.	Completed on 28/7/23
Teaching Days	25			
Periods Allotted	16			
Periods Available	16			
Extra lecture	0			
AUGUST		Unit II analog electronics and Unit III analog electronics	II General amplifier characteristics concept of amplification,amplifier notations, current gain ,voltage gain ,power gain input resistance, output resistance , general theory of feedback ,reasons for negative feedback, loop gain III Practical circuit of transistor amplifier ,phase reversal, frequency response ,decibel gain and bandwidth	Completed on 26/8/23
Teaching Days	25			
Periods Allotted	15			
Periods Available	15			
Extra lecture	0			
SEPTEMBER		Unit III analog electronics	Unit III analog electronics Oscillators : introduction ,effect of positive feedback ,requirements for oscillations, phase shift oscillator , Wien bridge oscillator, Colpitts Oscillator, Hartley oscillator 2 Operational amplifiers : introduction , schematic symbol of op amp, output voltage from Op-amp,AC analysis ,bandwidth of an Op-amp, slew rate ,frequency response of an Op-amp,	Completed on 30/9/23
Teaching Days	19			
Periods Allotted	9			
Periods Available	9			
Extra lecture	0			

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OCTOBER			Op-amp with negative feedback, inverting amplifier ,non inverting amplifier ,voltage follower ,summing amplifier, applications of summing amplifier , Op-amp integrator and differentiator ,critical frequency of integrator comparator semester examination theory and practical	Completed on 14/10/23
Teaching Days	11			
Periods Allotted	7			
Periods Available	7			
Extra lecture	0			
NOVEMBER		Unit –I: The Schrodinger wave equation:	1. Concept of wave function, Born interpretation of wave function. 2. Concepts of operator in quantum mechanics examples – position, momentum and energy operators. 3. Eigenvalue equations, expectation values of operators.	~~Completed on~~
Teaching Days	20			
Periods Allotted	10			
Periods Available	9			
Extra lecture				
DECEMBER			4. Schrodinger equation. 5. Postulates of Quantum Mechanics. 6. Analogy between Wave equation and Schrodinger equation. 7. Time dependent and time independent (Steady State) Schrodinger equation, Stationary State 8. Superposition principle. 9. Probability current density, Equation of continuity and its physical significance.	Completed on 23/12/23
Teaching Days	21			
Periods Allotted	8			
Periods Available	7			
Extra lecture	3			
JANUARY		Unit-II: Applications of Schrodinger steady state equation	1. Free particle. 2. Particle in infinitely deep potential well (one - dimension). 3. Particle in finitely deep potential well (one - dimension). 4. Step potential. 5. Particle in three dimension rigid box, degeneracy of energy state.	Completed on 13/1/24
Teaching Days	20			
Periods Allotted	9			
Periods Available	9			
Extra lecture	2			
FEBRUARY		Unit-III: Applications of Schrodinger steady state equation	1. Potential barrier (Finite height and width) penetration and tunneling effect (derivation of approximate transmission probability)	Completed on 27/2/24
Teaching Days	23			
Periods Allotted	10			
Periods Available	9			
Extra lecture	3			

MARCH				
Teaching Days	24		2. Theory of alpha particle decay from radioactive nucleus. 3. Harmonic oscillator (one-dimension), correspondence principle.	completed on 16/3/24
Periods Allotted	9			
Periods Available	9			
Extra lecture				
APRIL				
Teaching Days			semester examination theory and practical	
Periods Allotted				
Periods Available				
Extra lecture				
MAY				
Teaching Days				
Periods Allotted				
Periods Available				
Extra lecture				

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ANNUAL TEACHING PLAN

(Academic Year 2023 - 2024)

Name of Faculty - Ms. A. E. Shetkar
Class - FY Bsc **Semester - I**
Paper - II **Paper Code -**

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
JULY					Unit 1 Started on 1/07/2023
Teaching Days		25			
Periods Allotted		15			
Periods Available		13	Unit 1: Laboratory safety, Units and Measurement	1.1: Introduction to good laboratory practices 1.2: Use of safety symbols 1.3: Units of measurement	
Teaching	Practical's / Tutorials	Test			
	2				
AUGUST				1.3.1: Calculations and related conversions of each: Metric system- length 1.3.2: Temperature: Celsius, Fahrenheit, Kelvin 1.3.3: Concentrations: Percent solutions, ppt, ppm, ppb dilutions, Normality, Molarity and Molality. 1.3.4: Biostatistics: Introduction and scope, Sampling and its types, Central Tendencies Tabulation, Graphical representations.	Unit I. Completed on 20/7/2023
Teaching Days		25			
Periods Allotted		15			
Periods Available		12			
Teaching	Practical's / Tutorials	Test			
	3	1			

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Month			Unit / Practical	Sub-unit Planned	Remark
SEPTEMBER			Unit 2: Animal Biotechnology	2.1: Biotechnology 2.2: Transgenesis 2.3: Cloning (Dolly) 2.4: Ethical issues of transgenic and cloned animals 2.5: Applications of Biotechnology	Unit II Started on 27/7/2023 unit II Completed 9/9/2023
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	**Practical's / Tutorials**	**Test**			
	4	1			
OCTOBER			Unit 3: Instrumentation	3.1: Microscopy3.2: Colorimetry and Spectroscopy 3.3: pH 3.3: Centrifuge 3.5: Electrophoresis	Unit III Started on 18/9/2023 completed on 11/10/2023
Teaching Days		20			
Periods Allotted		10			
Periods Available		10			
Teaching	**Practical's / Tutorials**	**Test**			
	1	1			
NOVEMBER			Unit 1: Nutrition and Health	1.1: Concept of balanced diet, dietary recommendations to a normal adult, infant, pregnant woman and aged. 1.2: Malnutrition disorders – Anemia, Rickets, Marasmus, Goiter, Kwashiorkar . 1.3: Constipation, piles, starvation, acidity, flatulence, peptic ulcers	Unit I Started on 29/11/23
Teaching Days		15			
Periods Allotted		8			
Periods Available		8			
Teaching	**Practical's / Tutorials**	**Test**			
	3	1			
DECEMBER				1.3: Constipation, piles, starvation, acidity, flatulence, peptic ulcers 1.4: Obesity (Definition and consequences). 1.5: Importance of fibres in food. 1.6: Significance of breast feeding. 1.7: Swine flu and Dengue (cause, symptoms, precaution and remedy). 1.8: BMI calculation and its significance.	Unit I completed on 20/12/2023
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	**Practical's / Tutorials**	**Test**			
	3	1			
JANUARY			Unit 2: Public Health and Hygiene	2.1: Health and water supply 2.2: Water supply 2.3: Hygiene 2.4: Radiation risk 2.6: Blood bank	Unit II Started 21/12/2023 completed on 10/1/2024
Teaching Days		25			
Periods Allotted		15			
Periods Available		10			
Teaching	**Practical's / Tutorials**	**Test**			
	3	1			

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Month			Unit / Practical	Sub-unit Planned	Remark
FEBRUARY					Unit III started on 14/02/2024
Teaching Days		25			
Periods Allotted		10	UNIT 3: Common Human Diseases and Disorders	3.1: Stress related disorders 3.2: Communicable and non-communicable diseases	
Periods Available		7			
Teaching	Practical's / Tutorials	Test			
	3	1			
MARCH					Unit III completed on 10/4/24.
Teaching Days		25			
Periods Allotted		10		3.2.1: Tuberculosis and Typhoid 3.2.2: Hepatitis (A and B), AIDS, Gonorrhea and Syphilis 3.2.3: Diseases of respiratory system-Asthma, Bronchitis. 3.2.4: Oral Cancer	
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	3	1			
APRIL					
Teaching Days					
Periods Allotted			Examination		
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN

(Academic Year 2023 - 2024)

Name of Faculty - Mr. Anurag S. Sinari
Class - SY BSc
Paper - II

Semester - III/IV
Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE			Unit: 1 Nutrition and Excretion	1.1 Comparative study of nutritional apparatus : Amoeba, Hydra, Cockroach, Amphioxus, Pigeon, Ruminants. 1.2 Physiology of digestion in man. 1.3 Comparative study of excretory and osmoregulatory structures and functions. 1.4 Categorization of animals based on principle nitrogenous excretory products 1.5 Structure of kidney, uriniferous tubule and physiology of urine formation in man.	Unit I started at 21/07/23 Unit II completed at 03/08/23
Teaching Days		15			
Periods Allotted		7			
Periods Available		7			
Teaching	Practical's / Tutorials	Test			
JULY			Unit: 2: Respiration and Circulation	2.1 Comparative study of Respiratory organs : Earthworm, Spider, any bony fish, Frog and Pigeon. 2.2 Strucure and physiology of lungs in man 2.3 Comparative study of circulation. 2.4 Types of circulating fluids- Water, Coelomic fluid, Haemolymph, Lymph and Composition of blood 2.5 Comparative study of hearts : Earthworm, Cockroach, Shark, Frog,Crocodile and Pigeon. 2.6 Structure and mechanism of working of heart in man	Unit II started at 22/08/2023 Unit II completed at 14/09/23
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	2	1			
AUGUST			Unit: 3 Control and Coordination, Locomotion and Reproduction	3.1 Control and coordination : Paramoecium, Hydra, earthworm. Types of neurons based on the structure and function. 3.2 Movement and Locomotion Locomotory organs - Structure and functions: Pseudopodia in Amoeba,Cilia in Paramecium, Wings and legs in cockroach, Tube feet in starfish,Fins of fish. 3.3 Structure of striated muscle fibre in human and sliding filament theory.	Unit 3 started at 28/09/23 Unit 3 completed at 13/10/23
Teaching Days		25			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
SEPTEMBER				3.4 Reproduction (a) Asexual Reproduction- Fission, Fragmentation, Gemmule formation	13/10/2023
Teaching Days		20			
Periods Allotted		10			

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Month			Unit / Practical	Sub-unit Planned	Remark
Periods Available		10		Fragmentation, Gemmule formation, Budding (b) Sexual reproduction i.	13/10/23 complete
Teaching	Practical's / Tutorials	Test			
OCTOBER					
Teaching Days		15		1)Gametogenesis 2)Structure of male and female gametes in human 3)Types of fertilization 4) Oviparity, Viviparity, Ovo-viviparity	13/10/23 Completed.
Periods Allotted		8			
Periods Available		8			
Teaching	Practical's / Tutorials	Test			
	2	1			
NOVEMBER					
Teaching Days		15	Unit 1 : Cell Biology	1.1 Introduction to cell biology 1.2 Nucleus	Unit I Started on 10/12/23
Periods Allotted		7			
Periods Available		7			
Teaching	Practical's / Tutorials	Test			
	3	1			
DECEMBER					
Teaching Days		20		1.3 Plasma membrane 1.4 Transport across membrane 1.5 Cytoskeletal structures	completed on 5/1/2024
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	3	1			
JANUARY					
Teaching Days		25	Unit 2 Endomembrane System	2.1 Endoplasmic reticulum 2.2 Golgi complex 2.3 Lysosomes	Unit II Started on. 6/1/2024
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	3	1			
FEBRUARY					
Teaching Days		25	Unit 3: Biomolecules	2.4 Mitochondria 3.1 Biomolecules . 3.2 Carbohydrates 3.3 Amino Acids and Proteins	Unit completed on 20/2/24 Unit III Started. 25/2/2024
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			

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Month			Unit / Practical	Sub-unit Planned	Remark
MARCH					
Teaching Days		25			Unit III completed on 02/4/24.
Periods Allotted		15		3.4 Lipids 3.5 Vitamins	
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
	4	1			
APRIL					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE DODAMARG

ANNUAL TEACHING PLAN
(Academic Year 2023- 2024)

Name of Faculty - MS. Ayesha E. Shetkar
Class - TY Bsc
Paper - II

Semester - V/VI
Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE			Unit I Basic Heamatology	1.1 Composito of plasma 1.2 Heamatopoisis 1.3 Erythropoisis	U-I. Started on 1/7/23
Teaching Days		15			
Periods Allotted		10			
Periods Available		10			
Teaching	Practical's / Tutorials	Test			
JULY			Applied Heamatology	1.4 Haemoglobin 1.5 Leucocytes 1.6 Thrombocytes 1.7 Blood Volume --- 2.1Introduction and scope of appled heamatology 2.2 Clinical significance of Diagnostic techniques 2.2.1 Microscopic examination of blood 2.2.2 Coagulopathies	Completed on 17/7/23 Unit II Started on 18/7/23 Completed on 17/7/23
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	1	1			
AUGUST			Basic Immunology	2.2.3 Biochemical Examination of blood LFT, ALT, LDH, --- 3.1 Overview of Immunology 3.1.2 Innate Imunity 3.1.3 Aquired Immunity 3.2 Cells and Organ of immune system 3.2. Cell immune sysrem and organ immune system	Unit III Started on 7/8/23
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	4	1			

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg
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Month			Unit / Practical	Sub-unit Planned	Remark
SEPTEMBER			Applied Immunology	3.3 Antigens 3.4 Antibodies 3.5 Antigen processing and presentation ------ ----------4.1 Antigen Antibodies interaction 4.2 VAccine and vaccination 4.3 Transplantation immunology	Unit IV Stareted 28/8/23 completed 20/10/23
Teaching Days		25			
Periods Allotted		20			
Periods Available		20			
Teaching	Practical's / Tutorials	Test			
	4	1			
OCTOBER			Practical Examination and theory examination	06 December to 10 December.	
Teaching Days		25			
Periods Allotted		15			
Periods Available		1			
Teaching	Practical's / Tutorials				
NOVEMBER			Unit 1 Enzymology	1.1 Introduction and nomenclature 1.2 Enzyme action and Kinetics 1.3 Enzyme Inhibition 1.4 Regulation 1.5 Industrial Application of Enzyme	Started on 28/11/23 Completed on 20/12/23
Teaching Days		20			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	2				
DECEMBER			Homeostasis	2.1 Homeostasis 2.2 Thermoregulation 2.3 osmotic and ionic regulation	Unit II Stareted 21/12/23 Completed on 12/1/23
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	3	1			
JANUARY			Endocrinology	3.1 General Organization 3.2 Hormones and classification 3.3 Histology of Glands	Unit III Started on 13/1/24. Completed on 14/2/24
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	3	1			
FEBRUARY			Animal Tissue Culture	4.1 Aseptic Techniques 4.1.1 Sterilization 4.1.2 Sterile handeling 4.2 Culture media 4.2.1 Types of media	Started on 16/2/24 Completed On
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	3	1			

Month			Unit / Practical	Sub-unit Planned	Remark
MARCH					Completed 2018/24
Teaching Days		25			
Periods Allotted		15		4.3 Advantages of tissue culture 4.4 Limitations of tissue culture 4.5 Culture Techniques	
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	2	1			
APRIL			Examination		
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

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ANNUAL TEACHING PLAN

(Academic Year 2023 - 2024)

Name of Faculty - Ms. Sonam Bhiva Sutar
Class - TY Bsc
Paper - III

Semester - V/VI
Paper Code -

Month			Unit / Practical	Sub-unit Planned	Remark
JUNE			Unit 01. Mammelian Histology	1.1: Vertical section (V.S.) of skin 1.2: Digestive System 1.2.1: Vertical section (V.S.) of tooth; hard tissue 1.2.2: Transverse section (T.S.) of tongue 1.2.3: Alimentary canal 1.2.4: Glands associated with digestive system	Unit I Started on 22/8/23 completed on 8/9/23
Teaching Days		15			
Periods Allotted		8			
Periods Available		8			
Teaching	Practical's / Tutorials	Test			
JULY			Unit II: Toxicology	2.1: Basic toxicology 2.1.1: Introduction to toxicology 2.1.2: Toxins and Toxicants 2.1.3: Characteristics of Exposure 2.2.3: Animal models used in regulatory toxicolgy 2.2.4: Alternative methods in toxicology.	Unit II Started on 11/7/2023 Unit II completed on 11/8/2023
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	3	Unit I			
AUGUST			Unit III: General Pathology	3.1: General Pathology Introduction and scope 3.2: Cell injury 3.3: Retrogressive changes 3.3.1: Retrogressive changes 3.4: Disorders of pigmentation: Endogenous 3.5 Necrosis 3.6: Gangrene: Definition and types	Unit III Started on 21/8/2023 compted on 21/8/2023
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
SEPTEMBER			Unit IV: Biostatistics	4.1: Probability Distributions 4.2 :: Testing of Hypothesis 4.4: Parametric and non-parametric test	Unit IV Startedon 9/9/23
Teaching Days		25			
Periods Allotted		15			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	3	1			

Amdar. Deepakbhai Kesarkar Science College Dodamarg Esta. 15/6/2012 Dist.Sindhudrug Tal.Dodamarg

Month			Unit / Practical	Sub-unit Planned	Remark
OCTOBER				4.5: Correlation	Unit IV completed on 6/10/2023
Teaching Days		25			
Periods Allotted		20			
Periods Available		3			
Teaching	Practical's / Tutorials	Test			
	3	1			
NOVEMBER			Unit 1: Molecular Biology	1.1: Types of mutation 1.2: Induced mutations Physical agents 1.3: Preventative and repair mechanisms for DNA damage 1.4: Eukaryotic gene expression	Unit I Started on 29/11/23 completed on 22/12/23
Teaching Days		15			
Periods Allotted		12			
Periods Available		12			
Teaching	Practical's / Tutorials	Test			
	3	1			
DECEMBER			Unit 2: Genetic Engineering	2.1: enzymes with examples, Ligase 2.2: Techniques in Genetic Engineering	Unit II started on 1/1/24 completed
Teaching Days		25			
Periods Allotted		22			
Periods Available		20			
Teaching	Practical's / Tutorials	Test			
	4	1			
JANUARY			Unit 3: Human Genetics	3.1: Non-disjunction during mitosis and meiosis. 3.2: Genetic Disorders Inborn Errors of Metabolism 3.3: Diagnosis	Unit III started on 12/1/124 completed on 14/2/24
Teaching Days		25			
Periods Allotted		20			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			
	4	1			
FEBRUARY			Unit 4: Bioinformatics	4.1:Introduction to Bioinformatics and Bioinformatics web reso Applications of Bioinformatics 4.2: Databases - Tools and their uses 4.3: Sequence alignment methods BLAST, FASTA Types of sequence alignment	Unit IV started on 15/2/24
Teaching Days		25			
Periods Allotted		20			
Periods Available		20			
Teaching	Practical's / Tutorials	Test			
	4	1			
MARCH				4.4: Predictive applications using DNA and protein se Evolutionary studies	Completed on 30/3/24
Teaching Days		25			
Periods Allotted		20			
Periods Available		15			
Teaching	Practical's / Tutorials	Test			

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Month			Unit / Practical	Sub-unit Planned	Remark
	3	1			
APRIL			Examination		19 April to 23 April.
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			
MAY					
Teaching Days					
Periods Allotted					
Periods Available					
Teaching	Practical's / Tutorials	Test			

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ANNUAL TEACHING PLAN
(Academic year 2023 -24)

Name of the faculty – **Mr. A. B. Dhenge**
Class – **B. Sc. - I** Semester – I / II
Paper - **I** Paper code –USCH102,202

Month		Unit	Sub Unit Planned	Remarks
July		**Recapitulation**	**Basic information** Idea about the scope of the subject, basic information regarding chemistry. Fundamentals of the subject	01/07/23
Teaching Days	25			
Periods Allotted	12			
Periods Available	12			
Extra Lecture	03			
		UNIT – II COMPARATIVE CHEMISTRY OF MAIN GROUP ELEMENTS	**Comparative chemistry of main group elements** Metallic and non-metallic nature, oxidation states. Electronegativity, anomalies behaviour of second period's elements, allotropy, catenation, diagonal relationship. Comparative chemistry of oxides and hydroxides of group I and group II elements. Some important compound: $NaHCO_3$, Na_2CO_3,CaO and $CaCO_3$ oxides of carbon,	
August			oxides and oxyacid's of Sulphur and Nitrogen with respect to environmental aspects	completed at 03/08/2023
Teaching Days	24			
Periods Allotted	13			
Periods Available	13			
Extra Lecture	02	**UNIT – I**	**1.1 Chemical kinetics :** Rate of reaction, rate constant, measurement of reaction rates, order and molecularity of reaction, integrated rate equation of first and second order reactions (with equal initial concentration of reactants) (numerical expected). Determination of order of reaction by: (a) integration method, (b) Graphical method, (c) Ostwald's	Completed at 19/08/2023

		UNIT – I	isolation method, (d) half time method (numerical expected). **1.2 Liquid state:** Surface tension: introduction, methods of determination of surface tension by drop number method (numericals expected). Viscosity: Introduction, coefficient of viscosity, relative viscosity, specific viscosity, reduced viscosity, determination of viscosity by Ostwald's viscometer (numericals expected). Refractive Index: Introduction, molar refraction and polarizability, determination of refractive index by Abbes refractometer (numericals expected).	
September		**UNIT – I** **UNIT – III** **Stereochemistry**	Liquid crystals: Introduction, classification and structures of thermotropic phases (Nematic, Smectic and cholestic phases). Application of liquid crystals **Stereochemistry- I** Fischer projection, Newman and Sawhorse projection formulae (of erythro, threo isomers of tartaric acid and 2,3 dichlorobutane) and their interconversions **Geometrical isomerism in alkane and cycloalkane:** Cis – trans and syn - anti isomerism E/Z notations with C.I.P rules. **Optical Isomerism:** Optical activity, specific rotation, chirality/ Asymmetry,	completed at 09/09/2023
Teaching Days	19			
Periods Allotted	09			
Periods Available	09			
Extra Lecture	02			

October				
Teaching Days	24	UNIT – III Stereochemistry	Enantiomers, molecules with two similar and dissimilar chiral centres. diasteroisomers, meso structures, racemic mixtures and resolution (methods of resolution not expected) Relative and absolute configuration: D/ L and R/S designations Conformation analysis of alkane (ethane, propane and n - butane): Relative stability with energy diagrams.	Completed at 14/10/2023
Periods Allotted	06			
Periods Available	06			
Extra Lecture	02			
Semester - II				
November		UNIT – I	**1.1 Ionic equilibria:** Strong, moderate and weak electrolytes, degree of ionization, factors affecting degree of ionization, ionization constant and ionic product of water, ionization of weak acids and bases,	
Teaching Days	03			
Periods Allotted	02			
Periods Available	02			
Extra Lecture	00			
December		UNIT – I	pH scale, common ion effect, dissociation constants of monoprotic, diprotic and triprotic acid (exact treatment of monoprotic acid) Buffers: introduction, types of buffers, derivation of Henderson equation for acidic and basic buffers, buffer action, buffer capacity (numerical expected) **1.2 Photochemistry:** Laws of photochemistry, Quantum yield or efficiency. Experimental determination of quantum yield, reasons for low and high quantum yield, Primary and secondary process, Photochemical reactions (with suitable examples) Photosensitizers and photosensitised reactions, Fluorescence, Phosphorescence and	Completed at 10/12/2023 Due to vast topic 2 extra lectures required.
Teaching Days	20			
Periods Allotted	10			
Periods Available	10			
Extra Lecture	00			

			Chemiluminescence (numerical Problem expected, wherever necessary)	Completed at 17/12/2023
January		**UNIT – III**	**3.2 Aromatic Hydrocarbons** Aromaticity: Huckle's rule, Hammonds postulates anti aromaticity, aromatic character of arenes, cyclic carbocation's / carbanions and heterocyclic compounds with suitable examples. Electrophilic aromatic substitution: Halogenation, Nitration, Sulphonation and Friedel - craft alkylation/ acylation with their mechanism. Directing effects of the groups.	Completed at 14/01/2024
Teaching Days	26			
Periods Allotted	13			
Periods Available	11			
Extra Lecture	00			
February		**UNIT – III**	**3.1 Stereochemistry – II: Cycloalkane and Conformational analysis:** Types of cycloalkane and their relative stability, Baeyer strain theory, conformational analysis of cyclohexane : Chair, Boat and Twist boat forms; relative stability with energy **2.1 Chemical Bond and Reactivity** Types of chemical bond, comparison between ionic and covalent bond, polarizability (Fajan's rule), shapes of molecules, Lewis dot structure, Sidgwick Powell theory, basic VSEPR theory for ABn types molecules with and without lone pair of electrons,	Completed at 10/02/2024 Completed at 29/02/2024 By organising Extra lecture
Teaching Days	24			
Periods Allotted	13			
Periods Available	13			
Extra Lecture	00			
		UNIT – II		
March		**UNIT – II**	isoelectronic principles, applications and limitations of VSEPR theory **2.2 Oxidation – Reduction Chemistry** a) Reduction potentials b) Redox potentials: half reactions; balancing redox equation c) redox stability in water i) Latimer and Frost Diagrams ii) pH dependence of redox potentials d) Applications of redox chemistry	
Teaching Days	23			
Periods Allotted	13			
Periods Available	12			
Extra Lecture	00			

		UNIT – II	i) extraction of elements: (example: isolation of copper by auto reduction) ii) redox reagents in volumetric analysis: (a) I_2 ; (b) $KMnO_4$ iii) titration curves: (a) single electron systems (example Ce (IV) against Fe (II)); and (b) multi electron systems as in KMnO4 against Fe (II). **1.3 MOLECULAR SPECTROSCOPY** Electromagnetic radiation, electromagnetic spectrum, Planck's equation, interaction of electromagnetic radiation with matter: absorption, emission, scattering, florescence, electronic, vibrational and rotational transitions (numerical expected)	Completed at 07/02/2024 Completed at 16/03/2024
		UNIT – I		

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Teacher

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Head
Department of Chemistr
College Dodam

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Principal

ANNUAL TEACHING PLAN

Academic year 2023 -24

Name of the faculty – **Mr. M. S. Patil**
Class – **B.Sc. II**
Paper - **Paper II Chemistry**

semester – **III / IV**
paper code -

month		Unit	Sub unit planned	remarks
June		1.1 Chemical Kinetics-II (3L) 1.3 Polymer I	Syllabus DISCUSSION AND BASIC 1.1 Chemical Kinetics-II 1.1.1 Types of Complex Chemical reactions: Reversible or opposing, consecutive and parallel reactions (No derivations, only examples expected), Thermal chain reactions: H. and Br. reaction. (only steps involved, no kinetic expression expected)* 1.2 Solutions: (8 L) 1.2.1 Thermodynamics of ideal solutions: Ideal solutions and Raoult's law, deviations from Raoult's law–non-ideal solutions. Vapour pressure-composition and temperature -composition curves of ideal and non-ideal solutions. Distillation of solutions.Lever rule, Azeotropes. 1.2.2 Partial miscibility of liquids: Critical solution temperature; effect of impurity on partial miscibility of liquids with respect to Phenol-Water, Triethanolamine – Water and Nicotine –Water systems,	27/06/2023 completed
Teaching Days	10			
Periods Allotted	04			
Periods Available	04			
Extra Lecture	03			
July		1.2 Solutions: (8 L)	1.2.3 Immiscibility of liquids- Principle of steam distillation, 1.2.4 Nernst distribution law and its applications, solvent extraction. 1.3 Polymer, Monomer condensation reaction , addition reaction	17/07/2023 completed
Teaching Days	25			
Periods Allotted	11			
Periods Available	11			
Extra Lecture	00			
August		**3.0 Carbonyl Compounds 15L**	Unit III: Organic Chemistry 3.0 Carbonyl Compounds, 3.1 Nomenclature of aliphatic, alicyclic and aromatic carbonyl compounds. 3.2 Structure, reactivity of aldehydes and ketones 3.3 methods of preparation; Oxidation of primary and secondary alcohols using PCC, hydration of alkynes, action of Grignard reagent on esters, Rosenmund reduction, Gattermann – Koch formylation and Friedel Craft acylation of arenes 3.4 Reactions of aldehydes and ketones with NaHSO3, HCN, RMgX, alcohol, amine, phenyl hydrazine, 2,4-Dinitrophenyl hydrazine, LiAlH4 and NaBH4 ,	21/08/2023. completed
Teaching Days	24			
Periods Allotted	13			
Periods Available	13			
Extra Lecture	00			

			3.5 Mechanisms of following reactions: Benzoin condensation, Knoevenagel condensation, Claisen-Schmidt and Cannizzaro reaction. Active 3.6 Keto-enol tautomerism: Mechanism of acid and base catalysed enolizationmethylene compounds: Acetylacetone, ethyl acetoacetate diethyl malonate, stabilised enols. 3.7 Reactions of Acetylacetone and ethyl acetoacetate (alkylation, conversion to ketone, mono- and dicarboxylic acid)	
September		2. Selected topics on p block elements 15L	2.1 Chemistry of Boron compounds 2.1.1 Electron deficient compounds – BH3, BF3, BCl3 with respect to Lewis acidity and applications, 2.1.2 Preparation of simple boranes like diborane and tetraborane.2.1.3 Structure and bonding in diborane and tetraborane (2e-3c bonds), 2.1.4 Synthesis of Borax, 2.2 Chemistry of Silicon and Germanium 2.2.1 Silicon compounds: Occurrence , Structure and inertness of SiO2, 2.2.2 Preparation of structure of SiCl4, 2.2.3 Occurrence and extraction of Germanium, 2.2.4 Preparation of extra pure Silicon and Germanium	27/09/2023 completed
Teaching Days	19			
Periods Allotted	08			
Periods Available	08			
Extra Lecture	0			
October			2.3 Chemistry of Nitrogen family, 2.3.1 Trends in chemical reactivity - Formation of hydrides, halides, oxides with special reference to oxides of nitrogen,	14/10/2023 completed
Teaching Days	24			
Periods Allotted	06			
Periods Available	06			
Extra Lecture	00			
November		1.1 Solid State **7L**	Syllabus DISCUSSION AND BASIC 1 Solid State1.1.1 Recapitulation of laws of crystallography and types of crystals, 1.1.2Characteristics of simple cubic, face centered cubic and body centered cubic systems, 1.1.3interplanar distance in cubic lattice (only expression for ratio of interplanar distances are expected),	05/12/2023 completed
Teaching Days	13			
Periods Allotted	03			
Periods Available	02			
Extra Lecture	03			
December		**1.1 Solid State** **1.2 Catalysis, 8L** **2.1 Ions in aqeous medium 7L**	1.1.4 Use of X-rays in the study of crystal structure, Bragg's equation (derivation expected), X-rays diffraction method of studying crystal lattice structure, 1.1.5structure of NaCl and KCl. Determination of Avogadro's number (Numericals expected) 1.2 Catalysis 1.2.1 Types of catalysis, catalytic activity, specificity and selectivity, inhibitors, catalyst poisoning and deactivation 1.2.2Mechanisms and kinetics of acid-base catalyzed reactions, effect of pH, 1.2.3Mechanisms and kinetics of enzyme catalyzed reactions (Michaelis-Menten equation), 1.2.4 Effect of particle size and efficiency of nanoparticles as catalyst	14/12/2023 completed
Teaching Days	20			
Periods Allotted	09			
Periods Available	09			
Extra Lecture	00			

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January		**2.1 Ions in aqeous medium**	2.0 Ions in aqeous medium, 2.1.1 Acidity of Cations and Basicity of Anions, 2.1.2 Hydration of Cations; Hydrolysis of Cations predicting degree of hydrolysis of Cations-effect of Charge and Radious,2.1.3 Latimer Equation, 2.1.4 Relationship between pKa, acidity and z2/r ratios of metal ions graphical Presentation,2.1.5 Classification of cations on the basis of acidity category – Non acidic, 2.1.6 Moderately acidic, strongly acidic, very strongly acidic with pKa values range and examples2.1.7 Hydration of Anions; Effect of Charge and Radius, 2.1.8Hydration of anions concept, diagram classification on the basis of basicity,	08/01/2024 completed
Teaching Days	26			
Periods Allotted	26			
Periods Available	12			
Extra Lecture	00			
February		**2.2. Uses and Environmental Chemistry of volatile Oxides and oxo-acids, 8L** **3.1 Nitrogen containing compounds and heterocyclic compounds, 15L** **3.2 Diazonium Salts**	2.2. Uses and Environmental Chemistry of volatile Oxides and oxo-acids 2.2.1 Physical properties of concentrated oxo-acids like a- sulfuric, b-Nitric and c-Phosphoric acid, 2.2.2 Uses and environments aspects of these acids, 3.1.1 Amines: Nomenclature, effect of substituent on basicity of aliphatic and aromatic amines, 3.1.2. Preparation: Reduction ofaromaticnitro compounds using catalytic hydrogenation,chemical reduction using Fe-HCl, Sn-HCl, Zn-acetic acid, reduction of nitriles, ammonolysis of halides, reductive amination , Hofmann bromamide reaction, 3.1.2. Reactions-Salt Formation, N-acylation, N-alkylation, Hofmann's exhaustive methylation (HEM),Hofmann-elimination reaction, reaction with nitrous acid, carbylamine reaction, Electrophilic substitution in aromatic amines: bromination, nitration and sulphonation.3.2.1 Preparation and their reactions/synthetic application - Sandmeyer reaction, Gattermann reaction, Gomberg reaction,3.2.2 Replacement of diazo group by -H,-OH. 3.2.3Azo coupling with phenols, naphthols and aromatic amines, reduction of diazonium salt to aryl hydrazine and hydroazobenzene,	28/02/2024 completed
Teaching Days	24			
Periods Allotted	12			
Periods Available	12			
Extra Lecture	00			
March		**3.3 Heterocyclic Compounds**	3.3.1. Classification, nomenclature, electronic structure, aromaticity in 5-numbered and 6-membered rings containing one heteroatom, 3.3.2. Synthesis of Furan, Pyrrole (Paal-Knorr synthesis, Knorr pyrrole synthesis, and Hantzsch synthesis), Thiophene, Pyridine (Hantzsch synthesis), 3.3.3. Reactivity of furan, pyrrole and thiophene towards electrophilic substitution reactions on the basis of stability of intermediate and of pyridine on the basis of electron distribution.3.3.4 Reactivity of pyridine towards nucleophilic substitution on the basis of electron distribution.3.3.5 Reactions of furan, pyrrole and thiophene: halogenation, nitration, sulphonation, Vilsmeier-Haack reaction, Friedel-Crafts reaction. Furan: Diels-Alder reaction, Ring opening.3.3.6 Pyrrole: Acidity and basicity of pyrrole. Comparison of basicity of pyrrole and pyrrolidine,3.3.7 Pyridine: Basicity. Comparison of basicity of pyridine, pyrrole and piperidine. 3.3.8 Sulphonation of pyridine (with and without catalyst), reduction and action of sodamide (Chichibabin reaction)	14/03/2024 completed
Teaching Days	24			
Periods Allotted	11			
Periods Available	11			
Extra Lecture	00			

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Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

ANNUAL TEACHING PLAN

(Academic Year 2023 - 2024)

Name of Faculty - MR.N.M.CHOUGALE

Class - SY.BSC Semester -

Paper - Chemistry-I Paper Code - 301 & 401

Month		Unit	Sub-unit Planned	Remark
JUNE		unit I-- 1.1 chemical thermodynamics	1.1.1 Inroduction,Helmholtz free energy, Gibbs free energy 1.1.2 variation of Gibbs free energy with pressure & temperature, Giibs-Helmholtz equation 1.1.3 Numericals 1.1.4thermodynamics of open system, partial molal properties 1.1.5 chemical potential , variation of chemical potential 1.1.6 Gibbs-Duhem equation,concept of fugacity & activity	lecture starts from 15/06/2023 28/06/2023 Completed
Teaching Days	15			
Periods Allotted	6			
Periods Available	6			
Extra Lecture				
JULY		Unit I--1.2 Electrochemistry	1.1.7 vant Hoff reaction isotherm & isochore 1.1.8 Numericals 1.2.1 Introduction,equivalent & molar conductance,cell constant 1.2.2variation with dilution for weak & strong electrolyte 1.2.3 Kohlrausch law, application in determination of degree of ionization & ionization constant 1.2.4 application in solubility & solubility product and ionic product 1.2.5.Transference number, moving boundry method 1.2.6 factors affecting on transference number, numericals 1.2.7 numericals 3.1.1 SN1, SN2 mechanism 3.1.2 SNi mechanism, factors affecting on mechanism 3.1.3 Reactivity of aryl halides, addition-elimination mechanism,	Completed 26/07/2023
Teaching Days	25			
Periods Allotted	12			
Periods Available	12			
Extra Lecture				

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AUGUST				
Teaching Days		**24**	Unit III-- 3.1 Reactions & reactivity of halogenated hydrocarnon 3.2 Alcohols, Phenols & Epoxides	3.1.4 Benzyne mechanism, Cine substitution 3.1.5 Nomenclature of organomagnesium compounds, Reactivity & preaparation of Grignards reagent 3.1.6 Reaction of grignards reagent with acidic hydrogen, carbonyl compounds cyanides CO2 & epoxides 3.1.7 Organolithium compounds, preparation & reactions 3.2.1 Alcohols, nomenclatur, praparations 3.2.2 Properties of alcohols, hydrogen bonding, acidity 3.2.3 Reactions of alcohols 3.3.1 Preparation, physical properties of phenol 3.3.2comparative acidic strength, resonance stabilization 3.3.3 Reactions of phenols 3.4.1 Epoxides,nomenclature,Preparation 3.4.2 Reactions of epoxides	Completed 06/09/2023
Periods Allotted		**12**		
Periods Available		**12**		
Extra Lecture				
SEPTEMBER				
Teaching Days		**19**	Unit II-- 2.1 Chemical bonding Non-Directional bonding 2.2 Directional bonding 2.3 MOT	2.1.1 Ionic bonding, condition of formation 2.1.2 Types of ionic crystal, radius ratio rule 2.1.3 lattice energy,born-lande equation,kapustinski equation 2.1.4 Born-Haber cycle,application 2.2.1 VBT, Basic tenets 2.2.2 potential energy diagram, correction two hydrogen atom system 2.2.3homonuclear diatomic molecules 2.2.4resonance & formal charge 2.2.5 hybridisation & its types 2.2.6 equinalent & non-equivalent hybrid orbitals	Completed 03/10/2023
Periods Allotted		**10**		
Periods Available		**10**		
Extra Lecture				
OCTOBER				
Teaching Days		**24**		2.2.7 sp3 hybridisation of some molecules 2.3.1 comparision of atomic & molecular orbitals 2.3.2LCAO-MO approch 2.3.3 wave mechanicl treatment 2.3.4 MOT of O2 molecule 2.3.5 numericals	Completed 11/10/2023
Periods Allotted		**9**		
Periods Available		**9**		
Extra Lecture				

AUGUST				
Teaching Days		**24**	Unit III-- 3.1 Reactions & reactivity of halogenated hydrocarnon 3.2 Alcohols, Phenols & Epoxides	3.1.4 Benzyne mechanism, Cine substitution 3.1.5 Nomenclature of organomagnesium compounds, Reactivity & preaparation of Grignards reagent 3.1.6 Reaction of grignards reagent with acidic hydrogen, carbonyl compounds cyanides CO2 & epoxides 3.1.7 Organolithium compounds, preparation & reactions 3.2.1 Alcohols, nomenclatur, praparations 3.2.2 Properties of alcohols, hydrogen bonding, acidity 3.2.3 Reactions of alcohols 3.3.1 Preparation, physical properties of phenol 3.3.2comparative acidic strength, resonance stabilization 3.3.3 Reactions of phenols 3.4.1 Epoxides,nomenclature,Preparation 3.4.2 Reactions of epoxides	Completed 06/09/2023
Periods Allotted		**12**		
Periods Available		**12**		
Extra Lecture				
SEPTEMBER				
Teaching Days		**19**	Unit II-- 2.1 Chemical bonding Non-Directional bonding 2.2 Directional bonding 2.3 MOT	2.1.1 Ionic bonding, condition of formation 2.1.2 Types of ionic crystal, radius ratio rule 2.1.3 lattice energy,born-lande equation,kapustinski equation 2.1.4 Born-Haber cycle,application 2.2.1 VBT, Basic tenets 2.2.2 potential energy diagram, correction two hydrogen atom system 2.2.3homonuclear diatomic molecules 2.2.4resonance & formal charge 2.2.5 hybridisation & its types 2.2.6 equinalent & non-equivalent hybrid orbitals	Completed 03/10/2023
Periods Allotted		**10**		
Periods Available		**10**		
Extra Lecture				
OCTOBER				
Teaching Days		**24**		2.2.7 sp3 hybridisation of some molecules 2.3.1 comparision of atomic & molecular orbitals 2.3.2LCAO-MO approch 2.3.3 wave mechanicl treatment 2.3.4 MOT of O2 molecule 2.3.5 numericals	Completed 11/10/2023
Periods Allotted		**9**		
Periods Available		**9**		
Extra Lecture				

NOVEMBER				
Teaching Days	3	Unit-I 1) Electrochemistry 2) Phase Equilibria	1.1.1 Introduction,Electrochemical conventions 1.1.2 Reversible & irreversible cell,Nernst equation & its importance	28-11-2023 Completed 29/11/2023
Periods Allotted	2			
Periods Available	2			
Extra Lecture				
DECEMBER				
Teaching Days	20	Unit- II 1)Comparative chemistry of transition metals	1.1.3 Types of electrodes,standered electrode potential 1.1.4 Electrochemical series, numericals 1.1.5 Thermodynamics of reversible cell,calculation of thermodynamic properties ΔG 1.1.6 ΔH & ΔS , numericals 1.1.7 Calculation of equilibrium , 1.1.8Hydrogen clean Energy, use of batteries, 1.1.9 PH using hydrogen & quinhydrone electrode,numericals 1.2.1 Phase,components & degree of freedom of a system, 1.2.2 Gibbs phase rule & thermodynamic derivation	completed 28/12/2023
Periods Allotted	9			
Periods Available	9			
Extra Lecture				
JANUARY				
Teaching Days	26	2) Coordination chemistry	1.2.3 Clausis-Clapeyron equation,numericals 1.2.4Phase diagram of water 1.2.5 Phase diagram of sulphur 1.2.6 Lead-Silver system 1.2.7 Application of phase rule in food & beverages, metttalurgy, pharmaceutical industries industries 2.1.1 Postion in periodic table,natural occurance,ores & minerals 2.1.2 Electronic configuration,extra stability of d0,d5, d10 2.1.3 unusual oxidation state & stabilities 2.1.4 origin of color of transition metals 2.1.5 geometry o d-orbitals,charge transfer ability 2.1.6 magnetic properties 2.1.7 Reason for quenching orbital moment Chemistry of Titanium & Vanadium 2.1.8 Qualitative tests for transition metal ions	completed 03/02/2024
Periods Allotted	14			
Periods Available	14			
Extra Lecture				

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FEBRUARY			2.2.1Introduction to coordination compounds 2.2.2 Basic terms & nomenclature 2.2.3 Types of ligand, stereoisomerism 2.2.4 Evidence of formation of coordination compounds 2.2.5 Werners Theory,effective atomic number rule ,18 electron rule 2.2.6 ,VBT Inner & outer orbital complexes 2.2.7 Appliction of VBT with examples sp3d2 & d2sp3 2.2.8 limitations of VBT,applications 3.1.1 Intoduction,Nomenclature 3.1.2 Properties,acidity 3.1.3 effects of substituents on acid strength 3.1.4 Preparation from oxidation of alcohols	Completed 25/02/2024
Teaching Days	**24**	Unit-III 1)Carboxylic acid & derivatives		
Periods Allotted	**12**			
Periods Available	**12**			
Extra Lecture				
MARCH		2) Sulphonic acids	3.1.5 Preparation from Grignards & nitriles 3.1.6 Reactions of carboxylic acids 3.1.7 HVZ reaction,conversion into derivatives 3.1.8 nucleophilic acyl substitution 3.1.9 acid-catalysed nucleophilic acyl substitution 3.1.10 Interconversion of acid derivatives 3.1.11 claisen condensation 3.1.12 Dieckmann condensation 3.2.1 Nomenclature,preparationof aromatic sulphonic acids 3.2.2 acidity of arene sulphonic acid 3.2.3 comparative acidity of carboxylic acid & sulphonic acid 3.2.4 salt formation,desulphonation 3.2.5 Ractions with alcohols,PCl5 3.2.6 IPSO substitution	Completed 01/04/2024
Teaching Days	**25**			
Periods Allotted	**12**			
Periods Available	**12**			
Extra Lecture	**4**			

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Teaching Days	24			
Periods Allotted				
Periods Available				
Extra Lecture				
MAY				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				

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ANNUAL TEACHING PLAN

(Academic Year 2023 - 2024)

NAME OF FACULTY - Mrs. Sudita B. Malik

Class - SY.BSC | Semester - III & IV

Paper - Chemistry III | Paper code - USCH303 & USCH403

Month		Unit	Sub-unit Planned	Remark
JUNE				
Teaching Days	15	Unit I	1.1 Role of Analytical chemistry	30/06/2023 Completed
Periods Allotted	6			
Periods Available	6			
Extra Lecture				
JULY				
Teaching Days	25	Unit II	1.2 Significance of Sampling 1.3 Results of Analysis	31/07/2023 Completed
Periods Allotted	12			
Periods Available	11	Unit II	2.1 Titrimetric method	
Extra Lecture				
AUGUST				
Teaching Days	24	unit II	2.2 Standard solution 2.3 Neutralisation Titration 2.4 Gravimetric Analysis	31/08/2023 Completed
Periods Allotted	12			
Periods Available	12			
Extra Lecture				
SEPTEMBER		Unit II	2.4.3 Precipition Gravimetry. 2.4.4 Digestion and its importance 2.4.5 Applications of Gravimetric 3.1 Basic concept in Instrumental method.	15/09/2023 completed
Teaching Days	19			
Periods Allotted	10			
Periods Available	5			
Extra Lecture				

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OCTOBER Teaching Days: 24 Periods Allotted: 12 Periods Available: 12 Extra Lecture:	Unit III	3.4 Spectroscopy	14/10/2023 completed
NOVEMBER Teaching Days: 3 Periods Allotted: 2 Periods Available: 1 Extra Lecture:	Unit I	1.1 Introduction to Analytical seperations & its importance	28/11/23 completed
DECEMBER Teaching Days: 20 Periods Allotted: 15 Periods Available: 13 Extra Lecture:	Unit I	1.2 Estimation of Analyte 1.3 Types of seperation methods 1.4 Electrophoresis 1.5 Solvent Extraction	22/12/23 completed
JANUARY Teaching Days: 26 Periods Allotted: 10 Periods Available: 8 Extra Lecture:	Unit I Unit II	1.6 chromatography 2.1 potentiometry	31/01/24 completed
FEBRUARY Teaching Days: 24 Periods Allotted: 14 Periods Available: 13 Extra Lecture:	Unit II Unit III	2.2 pH metry 2.3 Conductometry 3.1 Distribution of Random Error	28/02/24 completed

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MARCH			3.3 Concept of confidence Limits & confidance interval 3.4 Criteria for Rejection 3.5 Test significance 3.6 Graphical Representation	30/03/2024 completed
Teaching Days	25			
Periods Allotted	12			
Periods Available	12			
Extra Lecture				
APRIL				
Teaching Days	24			
Periods Allotted				
Periods Available				
Extra Lecture				
MAY				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				

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ANNUAL TEACHING PLAN

(Academic Year 2023 - 2024)

Name of Faculty - Mrs. Suchita B. Malik

Class - TY.BSC Semester - V & VI

Paper - IV Analytical Chemistr Paper Code - USCH504 & USCH604

Month		Unit	Sub-unit Planned	Remark
JUNE		Unit I	1.1 Quality In Analytical chemistry 1.2 Chemical calculations 1.3 Sampling	30/06/2023 Completed
Teaching Days	15			
Periods Allotted	11			
Periods Available	10			
Extra Lecture	2			
JULY		Unit II & Unit III	2.1 Neutralization Titration 2.2 Redox Titration 2.3 complexometric Titration 3.1 Atomic spectroscopy : FES and AAS	31/07/2023 Completed
Teaching Days	25			
Periods Allotted	20			
Periods Available	19			
Extra Lecture	3			
AUGUST		Unit III & Unit IV	3.2 Molecular Fluorescence and phosphorescence spectroscopy 3.3 Turbidimetry and Nephelometry 4.1 Solvent Extraction	31/08/2023 completed
Teaching Days	24			
Periods Allotted	13			
Periods Available	12			
Extra Lecture	1			
SEPTEMBER		Unit IV	4.2 High performance liquid chromatography 4.3 High Performance Thin Layer chromatography	30/09/2023 Completed
Teaching Days	19			
Periods Allotted	12			
Periods Available	10			
Extra Lecture	1			

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OCTOBER Teaching Days: 24 Periods Allotted: Periods Available: Extra Lecture:			
NOVEMBER Teaching Days: 3 Periods Allotted: 2 Periods Available: 2 Extra Lecture:	Unit I	1.1.1 Polarography	30/11/2023 Completed
DECEMBER Teaching Days: 20 Periods Allotted: 20 Periods Available: 19 Extra Lecture:	Unit I Unit II Unit III	1.1.3 DC Polarogram 1.1.4 Quantification 1.1.5 Applications 1.2 Amperometric Titration 2.1 Gas Chromatography 2.2 Ion exchange chromatography 3.1 Introduction to food chemistry	23/12/2023 completed
JANUARY Teaching Days: 26 Periods Allotted: 13 Periods Available: 12 Extra Lecture:	Unit III	3.1.2 Determination of Boric acid 3.1.3 Study and analysis of food products and Detection of Adulterants.	29/01/202- Completed
FEBRUARY Teaching Days: 24 Periods Allotted: 21 Periods Available: 19 Extra Lecture:	Unit III 4 Unit IV	3.2 cosmetics 4.1 thermal methods	27/02/2024 Completed

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MARCH				
Teaching Days	25	Unit IV	4.1.4 Thermodynamic Titrations 4.2 Analytical Method Validation	26/03/2024 Completed
Periods Allotted	10			
Periods Available	8			
Extra Lecture				
APRIL				
Teaching Days	24			
Periods Allotted				
Periods Available				
Extra Lecture				
MAY				
Teaching Days				
Periods Allotted				
Periods Available				
Extra Lecture				

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ANNUAL TEACHING PLAN

Academic year 2023 -24

Name of the faculty – **Mr. M. S. Patil**
Class – **B.Sc. III**
Paper - **Organic Chemistry**

semester – **V / VI**
paper code -

month		Unit	Sub unit planned	remarks
June		Syllabus DISCUSSION AND BASIC Unit I 1.1 Mechanism of organic reactions (10 L)	Syllabus DISCUSSION AND BASIC Unit I 1.1 Mechanism of organic reactions (10 L) 1.1.1 The basic terms & concepts: bond fission, reaction intermediate electrophiles & nucleophiles, ligand, base,electrophilicity vs. acidity & nucleophilicity vs basicity. 1.1.2 Neighbouring group participation in nucleophilic substitution reactions, participation of lone pair of electrons, kinetics and stereochemical outcome, 1.1.3 Acyl nucleophilic substitution (Tetrahedral mechanism): Acid catalyzed esterification of carboxylic acids (AAC2) and base promoted hydrolysis of esters (BAC2). 1.1.4 Pericyclic reactions, classification and nomenclature 1.1.4.1 Electro cyclic reactions (ring opening and ring closing), cycloaddition, sigma tropic Rearrangement, group transfer reactions, cheletropic reaction (definition and one example of each type) 1.1.4.2 Pyrolytic elimination: Cope, Chugaev, pyrolysis of acetates	28/06/2023 Completed
Teaching Days	15			
Periods Allotted	14			
Periods Available	14			
Extra Lecture	00			
July		Unit I 1.1 Mechanism of organic reactions 1.2 Photochemistry (5 L) Unit II 2.1 Stereochemistry I (5 L) 2.2 Agrochemicals (4L) 2.3 Heterocyclic chemistry: (6 L)	1.2 Photochemistry (5 L) 1.2.1 Introduction: Difference between thermal and photochemical reactions. Jablonski diagram, singlet and triplet states, allowed and forbidden transitions, fate of excited molecules, photosensitization, 1.2.3 Photochemistry of carbonyl compounds: Norrish I, Norrish II cleavages. Photo reduction (e.g. benzophenone to benzpinacol) Unit II 2.1 Stereochemistry I (5 L), 2.1.1 Molecular chirality and elements of symmetry: Mirror plane symmetry, inversion center, roation - reflection (alternating) axis. 2.1.2 Chirality of compounds without a stereo genic center cummulenes and biphenyls, 2.2 Agrochemicals (4 L) 2.2.1 General introduction & scope, meaning & examples of insecticides, herbicides, fungicide, rodenticide, pesticides, plant growth regulators, 2.2.2 Advantages & disadvantages of agrochemicals, 2.2.3 Synthesis & application of IAA (Indole Acetic Acid) & Endosulphan, 2.2.4 Bio pesticides – Neem oil & Karanj oil, 2.3 Heterocyclic chemistry: (6 L) 2.3.1 Reactivity of pyridine-N-oxide, quinoline and iso-quionoline.	
Teaching Days	25			
Periods Allotted	25			
Periods Available	23			
Extra Lecture	00			
August				

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Teaching Days	24	**2.3 Heterocyclic chemistry: (6 L) Unit III 3.1 IUPAC (5 L) IUPAC Nomenclature 3.2 Synthesis of organic compounds (10L)**	2.3.2 Preparation of pyridine-N-oxide, quinoline (Skraup synthesis), iso-quinoline (BischlerNapieralski synthesis)., 2.3.3 Reactions of pyridine-N-oxide: halogenation, nitration and reaction with NaNH2/liq.NH3, n-BuLi, 2.3.4 Reactions of quinoline and isoquinoline;.oxidation,reduction,nitration,halogenation and reaction with NaNH2/liq.NH3,n-BuLi, Unit III 3.1 IUPAC (5 L) IUPAC Nomenclature Systematic nomenclature of the following classes of compounds (including compounds upto two substituents / functional groups), 3.1.1 Bicyclic compounds – spiro, fused and bridged (upto 11 carbon atoms) – saturated and unsaturated compounds 3.2 Synthesis of organic compounds (10L) 3.2.1 Introduction: Linear and convergent synthesis, criteria for an ideal synthesis, concept of chemo selectivity and regioselectivity with examples, calculation of yields. 3.2.2 Multicomponent Synthesis: Mannich reaction, Biginelli reaction. Synthesis with examples (no mechanism), 3.2.3 Green chemistry and synthesis: Introduction: Twelve principles of green chemistry, concept of atom economy and E-factor, calculations and their significance, numerical examples, i) green reagents: dimethyl carbonate, ii) Green starting materials: D-glucose iii) Green solvents : supercritical CO_2 iv) Green catalysts: Bio catalysts,	26/08/2023 completed
Periods Allotted	25			
Periods Available	22			
Extra Lecture	00			
September		**3.2 Synthesis of organic compounds 4.1 Spectroscopy I 4.2 Natural Products**	3.2.4 Planning of organic synthesis i) synthesis of nitroanilines. (o&p) ii) synthesis of halobenzoic acid. (o&p iii) Alcohols (primary / secondary / tertiary) using Grignard reagents. iv) Alkanes (using organo lithium compounds, 4.1 Spectroscopy I (5 L) 4.1.1 Introduction: Electromagnetic spectrum, units of wavelength and frequency, 4.1.2 UV – Visible spectroscopy: Basic theory, solvents, nature of UV-Visible spectrum, concept of chromophore, auxochrome, bathochromic and hypsochromic shifts, hyperchromic and hypochromic effects, chromophore-chromophore and chromophore-auxochrome interactions, Importance of molecular ion peak, isotopic peaks, base peak, nitrogen rule, rule of 13 for determination of empirical formula and molecular formula, Fragmentation of alkanes and aliphatic carbonyl compounds,	05/10/2023 completed.
Teaching Days	19			
Periods Allotted	18			
Periods Available	17			
Extra Lecture	00			
October		**Syllabus DISCUSSION 2.1 Molecular Rearrangements 2.2 Carbohydrates**	4.2 Natural Products: (10L) 4.2.1. Terpenoids: Introduction, Isoprene rule, special isoprene rule and the gem-dialkyl rule , 4.2.2 Citral: a) Structural determination of citral. b) Synthesis of citral from methyl heptenone c) Isomerism in citral. (Cis and trans form). 4.2.3. Alkaloids Introduction and occurrence, Hofmann's exhaustive methylation and degradation in: simple open chain and N – substituted monocyclic amines,	
Teaching Days	24			
Periods Allotted	25			
Periods Available	18			
Extra Lecture	00			

			4.2.4 Nicotine: a) Structural determination of nicotine. (Pinner's work included), b) Synthesis of nicotine from nicotinic acid c) Harmful effects of nicotine, 4.2.5 Hormones: Introduction, structure of adrenaline (epinephrine), physiological action of adrenaline,Synthesis of adrenaline from a) Catechol b) p-hydroxybenzaldehyde (Ott's synthesis)	17/10/2023 completed.
November			2.1 Molecular Rearrangements 2.1.1 Migration to the electron deficient carbon: Pinacol-pinacolone rearrangement. 2.1.2 Migration to the electron deficient nitrogen: Beckmann rearrangement. 2.1.3 Migration involving a carbanion : Favorski rearrangement. 2.1.4 Name reactions: Michael addition, Wittig reaction.	30/11/2023 completed.
Teaching Days	13			
Periods Allotted	09			
Periods Available	09			
Extra Lecture	00			
December		2.2 Carbohydrates 1.1 Stereochemistry II	2.2 Carbohydrates 2.2.1 Introduction: classification, reducing and non-reducing sugars, DL notation, 2.2.2 Structures of monosaccharides: Fischer projection (4-6 carbon monosaccharides) 2.2.3 Haworth formula (furanose and pyranose forms of pentoses and hexoses) 2.2.4 Interconversion: open chain and Haworth forms of monosaccharides with 5 and 6 carbons. 2.2.5 Chair conformation with stereochemistry of D-glucose, Stability of chair form of D-glucose 2.2.6 Stereoisomers of D-glucose: enantiomer, diastereomers, anomers, epimers. 2.2.7 Mutarotation in D-glucose with mechanism 2.2.8 Chain lengthening & shortening reactions: Modified Kiliani-Fischer synthesis (D-arabinose to D-glucose and D-mannose), Wohl method (D-glucose to D-arabinose), 2.2.8 Reactions of D-glucose and D-fructose:(a) Osazone formation (b) reduction: Hi/Ni, $NaBH_4$ (c) oxidation: bromine water, HNO_3, HIO_4 (d) acetylation (e) methylation:(d) and (e) with cyclic pyranose forms 2.2.9 Glycosides: general structure, 1.1 Stereochemistry II 1.1.1 Stereoselectivity and stereospecificity: Idea of enantioselectivity (ee) and diastereoselectivity (de) , 1.1.2 Topicity : enantiotopic and diasterotopic atoms, groups and faces. 1.1.3 Stereochemistry of – i) Substitution reactions : SNi (reaction of alcohol with thionyl chloride) ii) Elimination reactions: E2–Base induced dehydrohalogenation of 1-bromo-1,2-diphenylpropane. iii) Addition reactions to olefins: a) bromination (electrophilic anti addition) b) syn hydroxylation with OsO_4 and $KMnO_4$ c) epoxidation followed by hydrolysis	23/12/2023 completed.
Teaching Days	20			
Periods Allotted	19			
Periods Available	18			
Extra Lecture	00			

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January		1.2 Amino acids & Proteins 3.1 Spectroscopy II	1.2 Amino acids & Proteins 1.2.1 α-Amino acids: General Structure, configuration, and classification based on structure and nutrition. 1.2.2 Properties: pH dependency of ionic structure, isoelectric point and zwitter ion. 1.2.3 Methods of preparations: Strecker synthesis, Gabriel phthalamide synthesis, 1.2.4 Polypeptides and Proteins: nature of peptide bond. Nomenclature and representation of polypeptides (di-and tri-peptides) with examples 1.2.5 Merrifield solid phase polypeptide synthesis. 1.2.6 Protiens:general idea of primary,secondary,tertiary & quaternary structure 3.1 Spectroscopy II 3.1.1 IR Spectroscopy: Basic theory, nature of IR spectrum, selection rule, fingerprint region. 3.1.2 PMR Spectroscopy: Basic theory of PMR, nature of PMR spectrum, chemical shift (δunit),standard for PMR, solvents used. 3.1.3 Factors affecting chemical shift: (1) inductive effect (2) anisotropic effect (with reference to C=C, C≡C, C=O and benzene ring). 3.1.4 Spin- spin coupling and coupling constant. application of deuterium exchange technique. 3.1.5 application of PMR in structure determination.	06/02/2024 completed.
Teaching Days	26			
Periods Allotted	26			
Periods Available	18			
Extra Lecture	00			
February		**3.1 Spectroscopy II** **3.2 Nucleic Acids** **4.1 Polymer**	3.1.6 Spectral characteristics of following classes of organic compounds, including benzene and monosubstituted benzenes, with respect to IR and PMR: (1) alkanes (2) alkenes (3) alkynes (4) haloalkanes (5) alcohols (6) carbonyl compounds (7) ethers (8) amines (broad regions characteristic of different groups are expected).3.1.6 Problems of structure elucidation of simple organic compounds using individual or combined use of UV-Vis, IR, Mass and NMR spectroscopic technique are expected. (Index of hydrogen deficiency should be the first step in solving the problems). 3.2 Nucleic Acids 3.2.1Controlled hydrolysis of nucleic acids. sugars and bases in nucleic acids. 3.2.2Structures of nucleosides and nucleotides in DNA and RNA. Structures of nucleic acids (DNA and RNA) including base pairing. 4.1 Polymer 4.1.1 Introduction: terms monomer, polymer, homopolymer, copolymer, thermo plastics and thermosets. 4.1.2 Addition polymers: polyethylene, polypropylene, teflon, polystyrene, PVC, Uses.4.1.3 Condensation polymers: polyesters, polyamides, polyurethanes, polycarbonates, phenol formaldehyde resins.Uses 4.1.4 Stereochemistry of polymers: Tacticity, mechanism of stereochemical control of polymerization using Ziegler Natta catalysts.4.1.5 Natural and synthetic rubbers: Polymerisation of isoprene: 1,2 and 1,4 addition (cis and trans), Styrene butadiene copolymer.	29/02/2024 completed
Teaching Days	24			
Periods Allotted	25			
Periods Available	24			
Extra Lecture	00			

March		4.1 Polymer 4.2 Catalysts and Reagents	4.1.6 Additives to polymers: Plasticisers, stabilizers and fillers. 4.1.7 Biodegradable polymers: Classification and uses. polylactic acid structure, properties and use for packaging and medical purposes. 4.2.1 Catalysts: Catalysts for hydrogenation: a. Raney Nickel,b. Pt and PtO2 (C=C, CN, NO2, aromatic ring),c. Pd/C : C=C, COCl→CHO (Rosenmund), d. Lindlar catalyst: alkynes 4.2.2 Reagents: a. LiAlH4 (reduction of CO, COOR, CN,NO2),b. NaBH4 (reduction of CO) c. SeO2 (Oxidation of CH2 alpha to CO),d. mCPBA (epoxidation of C=C) e. NBS (allylic and benzylic bromination)	13/03/2024 completed.
Teaching Days	25			
Periods Allotted	22			
Periods Available	22			
Extra Lecture	00			

Sign of faculty

Sign of HOD
Head
Department of Chemistry
D.K.Sc. College Dodamarg

Sign of Principal
Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar. Deepakbhai Kesarkar Science College
Estd. 15/6/2012
Dist.Sindhudrug
Dodamarg, Tal.Dodamarg

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S
AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
(AFFILLATED TO UNIVERSITY OF MUMBAI)
DODAMARG, DIST - SINDHUDURG - 416 512 (M.S)

E-mail - dkscsci@gmail.com
Tel. No. - 02363-256755
ESTD. - 2012
COLLEGE CODE - 166

Ref. No.

Date :

Date -14 / 06 / 2023

NOTICE

This is to inform to all the IQAC members that a meeting of Internal Quality Assurance Cell (IQAC) of Amdar Deepakbhai Kesarkar Science College, Dodamarg is held on Friday, 16 June, 2023 at 11.00am in principal cabin. All the members are requested to attend the same.

Agenda of the meeting

1) To review and confirm the minutes of the last meeting.

2) To discuss academic calendar and time table for the year 2023-24

3) Overview on admission for the academic year 2023-24.

4) Regarding appointment of unaided staff.

5) To organise seminar / workshop for the students.

6) To discuss on deputing teachers for attending faculty development programs.

7) To organise Community engagement programmes.

8) To organise Parent Meet.

9) Any other matter with the permission of chair.

IQAC Coordinator,
A.D.K. Science College
Dodamarg.

Amdar Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

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ESTD. - 2012
Tel. No. - 02363-256755
COLLEGE CODE - 166

Ref. No.

Date :

SHRAMIK VIDYARTHI SANSTHA'S
AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
DODAMARG
Internal Quality Assurance Cell
Attendance

The first meeting of Internal Quality Assurance Cell (IQAC) of the college for the academic year 2023 -24 was held on Friday, 16 June, 2023 at 11:00 a.m. in principal cabin and following members were present

Sr. No	Name of the representative	Designation	Signature
01	Mr. M. V. Golase	Chairperson	
02	Mr. A. B. Dhenge	Coordinator	
03	Mr. P. R. Shingate	Member management	
04	Mr. T. S. Parmekar	Member, Community	
05	Mr. S. V. Govekar	Member, Industrialist	
06	Mr. R. S. Sawant	Member, Educationalist	
07	Mr. M. S. Patil	Member	
08	Mr. N. M. Chougale	Member	
09	Dr. S. V. More	Member	
10	Miss S. B. Sutar	Member	
11	Mr. B. V. Rashivade	Member, Librarian	
12	Mr. S. N. Kumbhar	Member, administrative staff	
13	Mr. B. C. Naik	Member Alumni	

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S
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DODAMARG, DIST - SINDHUDURG - 416 512 (M.S)
E-mail - dkscsci@gmail.com
Tel. No. - 02363-256755
ESTD. - 2012
COLLEGE CODE - 166

Ref. No.

Date :

MINUTES OF THE MEETING

The principal and the chairperson of the IQAC Mr. M. V. Golase open the meeting with greetings to all the members.

Following resolutions are discussed in meeting.

SR. NO.	AGENDA OF MEETING	RESOLUTION
1	To review and confirm the minutes of the last meeting.	The minutes of the last meeting was read by the coordinator and confirmed by the members.
2.	To discuss academic calendar and time table for the year 2023-24	Respective committee coordinators were instructed to prepare an academic calendar and timetable for the year 2023-24.
3.	Overview on admission for the academic year 2023-24.	Admission committee members are instructed to look after the admission procedure as per rules and regulation of the governments of Maharashtra and university of Mumbai.
4.	Regarding appointment of unaided staff.	All the subject heads instruct to give their requirement of additional staff for the year 2023-24.
5.	To organize national / state level workshop/seminar.	Department of zoology and IQAC were given the responsibility to organize seminar. Also, it was decided to organize workshop through the department of zoology.
6.	To discuss on deputing teachers for attending faculty development programs or Refresher Course	It was decided that for quality enhancement teachers should be allowed to attend faculty induction programs / Refresher Course.
7.	To organise Community engagement programmes.	It was decided that IQAC organize community engagement programs in the

		association with related Government Department.
8.	To organize Parent Meet	It is instructed to Department of Chemistry that to take initiative to conduct Parent meet.
9.	Any other matter with the permission of chair.	Alumni meet will be organized by discussing with alumni association of the college in the month of December.

IQAC Coordinator,
A.D.K. Science College
Dodamarg.

Amdar. Deepakbhai Kesarkar Science College Dodamarg Estd. 15/6/2012 Dist.Sindhudrug Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S
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DODAMARG, DIST. – SINDHUDURG 416 512 (M. S.)
EMAIL – dkscsci@gmail.com TEL. NO. – 02363 256755
ESTD. – 2012 COLLEGE CODE – 166

Date – 16 / 10 /2023

NOTICE

This is to inform to all the IQAC members that a meeting of Internal Quality Assurance Cell (IQAC) of Amdar Deepakbhai Kesarkar Science College, Dodamarg is held on Wednesday, 18 October, 2023 at 10.00 a.m. in principal cabin. All the members are requested to attend the same.

Agenda of the meeting

1) To review and confirm the minutes of the last meeting.

2) To discuss the examination related work.

3) To discuss progress and participating in the Avishkar competition.

4) To discuss the criterion wise work done.

5) To discuss about the Environmental, Green and Energy Audit of institution.

6) To discuss and chalk out the activities to be conducted in the second term.

7) Any other matter with the permission of chair.

IQAC Coordinator,
A.D.K. Science College
Dodamarg.

Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Amdar Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S
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E-mail - dkscsci@gmail.com
Tel. No. - 02363-256755
ESTD. - 2012
COLLEGE CODE - 166

Ref. No.

Date :

SHRAMIK VIDYARTHI SANSTHA'S
AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
DODAMARG
Internal Quality Assurance Cell
Attendance

The second meeting of Internal Quality Assurance Cell (IQAC) of the college for the academic year 2023 -24 was held on Wednesday, 18 October, 2023 at 10.00 a.m. in principal cabin and following members were present

Sr.No	Name of the representative	Designation	Signature
01	Mr. M. V. Golase	Chairperson	
02	Mr. A. B. Dhenge	Coordinator	
03	Mr. P. R. Shingate	Member management	
04	Mr. T. S. Parmekar	Member, Community	
05	Mr. S. V. Govekar	Member, Industrialist	
06	Mr. R. S. Sawant	Member, Educationalist	
07	Mr. M. S. Patil	Member	
08	Mr. N. M. Chougale	Member	
09	Dr. S. V. More	Member	
10	Miss S. B. Sutar	Member	
11	Mr. B. V. Rashivade	Member, Librarian	
12	Mr. S. N. Kumbhar	Member, administrative staff	
13	Mr. B. C. Naik	Member Alumni	

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S
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ESTD. – 2012 COLLEGE CODE – 166

MINUTES OF THE MEETING

The principal and the chairperson of the IQAC Mr. M. V. Golase open the meeting with greetings to all the members.

Following resolutions are discussed in meeting.

Sr. No.	Agenda of meeting	Resolution
1	To review and confirm the minutes of the last meeting.	The minutes of the last meeting was read by the coordinator and confirmed by the members.
2	To discuss examination related work.	It was instructed to Examination committee to do their assessment and result declaration as per university guidelines.
3	To discuss progress and participation in Avishkar competition.	It was instructed to research committee head to take more effort for the participation in Avishkar.
4	To discuss the criterion wise work done.	The criterion wise work was presented by the respected criterion chairman.
5	To discuss about the Environmental, Green and Energy Audit of institution.	It was decided that institute conduct Environmental, Green and Energy audit.
6	To discuss and chalk out the activities to be conducted in the second term.	It was resolved by instructed to respective committee coordinator plan the activities according to academic Calendar.
7	Any other matter with the permission of chair.	There being no other matter for discussion, the meeting was concluded with a vote of thanks.

IQAC Coordinator,
A.D.K. Science College
Dodamarg.

Amdar. Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S
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(AFFILLATED TO UNIVERSITY OF MUMBAI)
DODAMARG, DIST - SINDHUDURG - 416 512 (M.S)

E-mail - dkscsci@gmail.com
Tel. No. - 02363-256755
ESTD. - 2012
COLLEGE CODE - 166

Ref. No.

Date :

Date – 21 /12 / 2023

NOTICE

This is to inform to all the IQAC members that a meeting of Internal Quality Assurance Cell (IQAC) of Amdar Deepakbhai Kesarkar Science College, Dodamarg is held on Friday, 22nd December, 2023 at 10.00 a. m. in principal cabin. All the members are requested to attend the same.

Agenda of the meeting

1) To review and confirm the minutes of the last meeting.

2) To discuss organizing sport and cultural activities.

3) Regarding organizing annual prize distribution program.

4) To discuss organizing of field visit, study tours, industrial tour etc.

5) To arrange Guest lecture for the students.

6) To sign MoU with industry.

7) Any other matter with the permission of chair.

IQAC Coordinator,
A.D.K. Science College
Dodamarg.

Amdar Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S
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E-mail - dkscsci@gmail.com
Tel. No. - 02363-256755
ESTD. - 2012
COLLEGE CODE - 166

Ref. No.

Date :

SHRAMIK VIDYARTHI SANSTHA'S
AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
DODAMARG
Internal Quality Assurance Cell
Attendance

The second meeting of Internal Quality Assurance Cell (IQAC) of the college for the academic year 2023 -24 was held on Friday, 22nd December, 2023 at 10.00 a.m. in principal cabin and following members were present

Sr.No	Name of the representative	Designation	Signature
01	Mr. M. V. Golase	Chairperson	
02	Mr. A. B. Dhenge	Coordinator	
03	Mr. P. R. Shingate	Member management	
04	Mr. T. S. Parmekar	Member, Community	
05	Mr. S. V. Govekar	Member, Industrialist	
06	Mr. R. S. Sawant	Member, Educationalist	
07	Mr. M. S. Patil	Member	
08	Mr. N. M. Chougale	Member	
09	Dr. S. V. More	Member	
10	Miss S. B. sutar	Member	
11	Mr. B. V. Rashivade	Member, Librarian	
12	Mr. S. N. Kumbhar	Member, administrative staff	
13	Mr. B. C. Naik	Member Alumni	

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S
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E-mail - dkscsci@gmail.com
Tel. No. - 02363-256755
ESTD. - 2012
COLLEGE CODE - 166

Ref. No.

Date :

MINUTES OF THE MEETING

The principal and the chairperson of the IQAC Mr. M. V. Golase open the meeting with greetings to all the members.

Following resolutions are discussed in meeting.

Sr. No.	Agenda of the meeting	Resolution
1	To review and confirm the minutes of the last meeting.	The minutes of the last meeting was read by the coordinator and confirmed
2	To promote cultural and sport activities.	This was instructed to the cultural and sport committee convener to organize cultural and sport activities in the college.
3	Regarding organizing annual prize distribution program.	It was Instructed to Cultural and sport committee coordinator for the planning of annual Prize Distribution.
4	To discuss organizing of field visit, study tours etc.	The teachers of the concerned subject were asked to organize field visits and study tours.
5	To arrange Guest lecture for the students.	It was instructed to department of chemistry to organize Guest lectures for the students.
6	To sign MoU / Collaboration with industry.	It was decided that Department of Chemistry sign MoU / Collaboration with industry.
7	Any other matter with the permission of chair.	There being no other matter for discussion, the meeting was concluded with a vote of thanks.

IQAC Coordinator,
A.D.K. Science College
Dodamarg.

Amdar Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S

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DODAMARG, DIST. – SINDHUDURG 416 512 (M. S.)

EMAIL – dkscsci@gmail.com TEL. NO. – 02363 256755

ESTD. – 2012 COLLEGE CODE – 166

Date- 20/04/ 2024

NOTICE

This is to inform to all the IQAC members that a meeting of Internal Quality Assurance Cell (IQAC) of Amdar Deepakbhai Kesarkar Science College, Dodamarg is held on Monday, 22 April, 2024 at 10.00 a.m. in principal cabin. All the members are requested to attend the same.

Agenda of the meeting

1) To review and confirm the minutes of the last meeting.

2) To conducts Quality Audits including Gender And AAA.

3) To discuss examination related work and declaration of results.

4) To discuss lab cleaning and maintenance.

5) To discuss criterion wise work done.

6) To conclude the reports of individual committee.

7) Any other matter with the permission of chair.

IQAC Coordinator,
A.D.K. Science College
Dodamarg.

Amdar Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Tal.Dodamarg

Principal
mdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S
AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
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E-mail - dkscsci@gmail.com
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ESTD. - 2012
COLLEGE CODE - 166

Ref. No.

Date :

SHRAMIK VIDYARTHI SANSTHA'S
AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
DODAMARG
Internal Quality Assurance Cell
Attendance

The first meeting of Internal Quality Assurance Cell (IQAC) of the college for the academic year 2023 -24 was held on Monday, 22 April, 2024 at 10.00 a.m. in principal cabin and following members were present

Sr.No	Name of the representative	Designation	Signature
01	Mr. M. V. Golase	Chairperson	
02	Mr. A. B. Dhenge	Coordinator	
03	Mr. P. R. Shingate	Member management	
04	Mr. T. S. Parmekar	Member, Community	
05	Mr. S. V. Govekar	Member, Industrialist	
06	Mr. R. S. Sawant	Member, Educationalist	
07	Mr. M. S. Patil	Member	
08	Mr. N. M. Chougale	Member	
09	Dr. S. V. More	Member	
10	Miss S. B. sutar	Member	
11	Mr. B. V. Rashivade	Member, Librarian	
12	Mr. S. N. Kumbhar	Member, administrative staff	
13	Mr. B. C. Naik	Member Alumni	

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ESTD. – 2012 COLLEGE CODE – 166

MINUTES OF THE MEETING

The principal and the chairperson of the IQAC Mr. M. V. Golase open the meeting with greetings to all the members.

Following resolutions are discussed in meeting.

Sr. No.	Agenda of meeting	Resolution
1	To review and confirm the minutes of the last meeting.	The minutes of the last meeting was read by the coordinator and confirmed by the members.
2	To conducts Quality Audits including Gender And AAA.	It was decided that institute should conduct both Quality audits.
3	To discuss examination related work and declaration of results.	It was instructed to the examination committee to complete their evaluation and result within the time.
4	To discuss lab cleaning and maintenance.	It was instructed to lab assistant and lab attendants to clean the laboratories and maintain instruments, chemicals for the next academic year.
5	To discuss criterion wise work done.	The IQAC instructed to all criterion Heads to compile their data and rectify the loopholes.
6	To conclude the reports of individual committee.	It was decided that all the committee convener compile their program reports and filling the reports.
7	Any other matter with the permission of chair.	To conducts drive for the first-year admission process.

IQAC Coordinator,
A.D.K. Science College
Dodamarg.

Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Tal.Dodamarg

Principal
Amdar Deepakbhai Kesarkar Science College
Do Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Notice

Date-06/06/2019

All the staff members hereby inform you that meeting will be held on 07/06/2019 at 9:00 am in Principal cabin on following agendas.

Agenda:

1) Commencement & term end for academic year 2019-20

2) Preparation of academic calendar 2019-20

Coordinator

Academic Planning Committee

1) A. B. Dhenge Dhenge

2) Mr. M. S. Patil

3) P. R. Desai

4) Dr. S. V. Tapre

5) V. G. Warale Warale

6) A. P. Pati

7) S. N. Kumbhar

Amdar. Deepakbhai Kesarkar Science College Dodamarg. Tal.Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Minutes of Meeting

Date-07/06/2019

As per the notice dated on 06/06/2019 the minutes of meeting on different agendas are as follows:

Agenda: 1) Commencement & term end for academic year 2019-20

As per university circular the academic year 2019-20 start from06th June 2019 & end at 2st May 2020. So committee request to all faculty to make their departmental plan, teaching plan according to the given term.

Agenda: 2) Preparation of academic calendar 2019-20

To know the clear plan of the academic year including arrangement of semesters, exam periods, annual functions, social activities & vacation, the academic calendar has to be prepared. The responsibility is taken by Mr.N.M.Chougale. They appeal to staff members to submit their academic plan well within time.

1) A. P. Patil Patil

2) A. B. Dhenge

3) Mr. M. S. Patil

4) P. R. Desai Dr. S. V. Patone

5) P. R. Desai — PRDesai

6) V. E. warrak Vewarak

7) S. N. Kumbhar

8) Mr. N. M. Chougale

Amdar. Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Notice Date-10/06/2019

All the staff members hereby inform you that meeting will be held on 11/06/2019 at 02:00 pm in Principal cabin on following agendas.

Agenda:

1) Review of last meeting

2) Finalisation of academic calendar 2019-20

Coordinator

Academic Planning Committee

1) A.B. Dhenge Dhenge

2) Dr. S.V. Tyore

3) Mr. M.S. Patil

4) P.R. Desai PRDesai

5) V.G. Warule Vgwarule

6) A.P. Patil Patil

7) S.M. Kumbhar

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg
Esta. 15/6/2012 Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Minutes of Meeting Date-11/06/2019

As per the notice dated on 10/06/2019 the minutes of meeting on different agendas are as follows:

Agenda: 1) Review of last meeting

Review is taken on the last meeting which is held on 07/06/2019 by Principal.

As per request of Coordinator staff have submitted their academic plan.

Agenda: 2) Finalisation of academic calendar 2019-20

The academic calendar of the year was made & discussion is held on that. After verification, it was finalised by Principal.

1) Mr. M.S. Patil
2) A.B. Dhenge
3) Dr. S.V. More
4) P.R. Desai
5) V.E. Warak
6) A.P. Patil
7) S.N. Kumbhar
8) Mr. N.M. Chougale

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Notice Date-29/04/2020

All the staff members hereby inform you that meeting will be held on 30/04/2020 at 3:00 pm in Principal cabin on following agendas.

Agenda:

1) Review of last meeting of academic calendar

2) Any other subject

Coordinator

Academic Planning Committee

1) A. B. Dhenge

2) Mr. M. S. Patil

3) Dr. S. V. More

4) P. R. Desai

5) V. E. Warale

6) A. P. Patil

7) S. M. Kumbhar

8) Ms. N. M. Choregale

Amdar. Deepakbhai Kesarkar Science College Doadamarg. Tal.Doadamarg Esta. 15/6/2012 Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Minutes of Meeting Date-30/04/2020

As per the notice dated on 29/04/2020 the minutes of meeting on different agendas are as follows:

Agenda: 1) Review of last meeting of academic calendar

Discussion is held on all the activities taken in last semester. It is ensured that the activities are completed as per plan.

1) P.R.Desai
2) Dr. S.V. More
3) Mr. M.S. Patil
4) A.B. Dhonge
5) V.E. Warak
6) A.P. Patil
7) S.N. Kumbhar
8) Prof. N.M. Chougule

Amdar. Deepakbhai Kesarkar Science College Esta. 15/6/2012 Dist.Sindhudrug Dodamarg Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Notice Date-14/06/2021

All the staff members hereby inform you that meeting will be held on 15/06/2021 at 11:00 am in Principal cabin on following agendas.

Agenda:

1) Commencement & term end for academic year 2021-22

2) Preparation of academic calendar 2021-22

Coordinator

Academic Planning Committee

1) A. B. Dhenge

2) P. R. Desai

3) Mr. S. V. Mane

4) A. P. Patil

5) S. N. Kambhag

6) A. B. Gawas.

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg
Esta. 15/6/2012 Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Minutes of Meeting

Date-15/06/2021

As per the notice dated on 14/06/2021 the minutes of meeting on different agendas are as follows:

Agenda: 1) Commencement & term end for academic year 2021-22

As per university circular the academic year 2021-22 start from14th June 2021 & end at 2st May 2022. So committee request to all faculty to make their departmental plan, teaching plan according to the given term.

Agenda: 2) Preparation of academic calendar 2021-22

To know the clear plan of the academic year including arrangement of semesters, exam periods, annual functions, social activities & vacation, the academic calendar has to be prepared. The responsibility is taken by Mr.N.M.Chougale. They appeal to staff members to submit their academic plan well within time.

1) A. P. Patil
2) P.R.Desai
3) A.B.Dhenge
4) Dr. S.V.More
5) S.N.Kumbhar
6) A.B.Gaikwad
7) N.M.Chougale

Amdar Deepakbhai Kesarkar Science College Esta. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Notice

Date-18/06/2021

All the staff members hereby inform you that meeting will be held on 19/06/2021 at 10:00 am in Principal cabin on following agendas.

Agenda:

1) Review of last meeting

2) Finalisation of academic calendar 2021-22

Coordinator

Academic Planning Committee

1) A. P. Patil

2) Dr. S.V. More

3) P.R. Desai

4) A. B. Dhonge

5) S. N. Kumbhar

6) A.B. Gawas

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Minutes of Meeting Date-19/06/2021

As per the notice dated on 18/06/2021 the minutes of meeting on different agendas are as follows:

Agenda: 1) Review of last meeting

Review is taken on the last meeting which is held on 15/06/2021 by Principal.

As per request of Coordinator staff have submitted their plan within time

Agenda: 2) Finalisation of academic calendar 2021-22

The academic calendar of the year is made & discussion is held on that. After verification, it was finalised by Principal.

1) A. P. Patil
2) A. B. Dhenge
3) Dr. S. V. Tyore
4) P. R. Desai
5) S. N. Kumbhar
6) A. B. Gaikwad
7) N. M. Chougale

Amdar. Deepakbhai Kesarkar Science College Esta. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Notice

Date-28/04/2022

All the staff members hereby inform you that meeting will be held on 29/04/2022 at 2:00 pm in Principal cabin on following agendas.

Agenda:

1) Review of last meeting of academic calendar

2) Any other subject

Coordinator

Academic Planning Committee

1) P.R.Desai

2) A. P. Patil

3) A. B. Dhenge

4) Dr. S.V. Tajore

5) S. N. Kumbhar

6) A. B. Gawas

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Minutes of Meeting

Date-29/04/2022

As per the notice dated on 28/04/2022 the minutes of meeting on different agendas are as follows:

Agenda: 1) Review of last meeting of academic calendar

Discussion is held on all the activities taken in last semester. It is ensured that the activities are completed as per plan.

1) A.B. Dhenge
2) Dr. S.V. More
3) A.P. Patil
4) S.M. Kumbhar
5) A.B. Gawas
6) N.M. Chougale

Amdar. Deepakbhai Kesarkar Science College Dodamarg T.Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Notice Date-13/06/2022

All the staff members hereby inform you that meeting will be held on 14/06/2022 at 9:00 am in Principal cabin on following agendas.

Agenda:

1) Commencement & term end for academic year 2022-23

2) Preparation of academic calendar 2022-23

Coordinator

Academic Planning Committee

1) A. B. Dhenge Dhenge

2) P.R.Desai PRDesai

3) A. P. Patil Patil

4) Dr. S.V. More

5) V.E. Warrak Warrak

6) V.M. Hodavadkar Hodavadkar

7) S.N. Kumbhar

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Minutes of Meeting

Date-14/06/2022

As per the notice dated on 13/06/2022 the minutes of meeting on different agendas are as follows:

Agenda: 1) Commencement & term end for academic year 2022-23

As per university circular the academic year 2022-23 start from13th June 2022 & end at 1st May 2023. So committee request to all faculty to make their departmental plan, teaching plan according to the given term.

Agenda: 2) Preparation of academic calendar 2022-23

To know the clear plan of the academic year including arrangement of semesters, exam periods, annual functions, social activities & vacation, the academic calendar has to be prepared. The responsibility is taken by Mr.N.M.Chougale. They appeal to staff members to submit their academic plan well within time.

1) S. N. Kumbhar
2) A. B. Dhenge
3) A. P. patil -
4) P. R. Desai
5) Dr. S. V. More
6) V. E. warak
7) V. M. Hodavadkar
8) M.N.M Chougale

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg, Dist.Sindhudrug Estn. 15/6/2012

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Notice

Date-17/06/2022

All the staff members hereby inform you that meeting will be held on 18/06/2022 at 1:00 pm in Principal cabin on following agendas.

Agenda:

1) Review of last meeting

2) Finalisation of academic calendar 2022-23

Coordinator

Academic Planning Committee

1)

2) P.R.Desai

3) S.N.Kumbhar

4) A.B.Dhenge

5) Dr. S.V. More

6) V.E. Wavale

7) V.M. Hodavarkar

Amdar. Deepakbhai Kesarkar Science College
Esta. 15/6/2012 Dist.Sindhudrug
Dodamarg, Tal.Dodamarg

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Minutes of Meeting Date-18/06/2022

As per the notice dated on 17/06/2022 the minutes of meeting on different agendas are as follows:

Agenda: 1) Review of last meeting

Review is taken on the last meeting which is held on 14/06/2022 by Principal.

As per request of Coordinator staff have submitted their plan within time

Agenda: 2) Finalisation of academic calendar 2022-23

The academic calendar of the year is made & discussion is held on that. After verification, it was finalised by Principal.

1) P.R.Desai
2) A.B. Dhenge
3) S.N. Kumbhar
4) Dr. S.V. More
5) V.E. Warak
6) V.M. Hodarkar
7) Mr. N. Mhangale

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg Estd. 15/6/2012 Dist.Sindhudrug

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Notice

Date-08/11/2023

All the staff members hereby inform you that meeting will be held on 09/11/2022 at 3:00 pm in Principal cabin on following agendas.

Agenda:

1) Review of last semester academic calendar
2) Changes required (if any) in academic calendar

Coordinator

Academic Planning Committee

1) A. B. Dhenge
2) S. N. Kumbhar
3) Dr. S.V. Tayore
4) P.R. Desai
5) V.E. Walavalkar
6) V.M. Hodavadekar

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Minutes of Meeting Date-09/11/2022

As per the notice dated on 08/11/2022 the minutes of meeting on different agendas are as follows:

Agenda: 1) Review of last semester academic calendar

Discussion is held on all the activities taken in last semester. It is ensure that the activities are done as per plan

Agenda: 2) Changes required (if any) in academic calendar

Due to late start of F.Y.B.Sc. Classes as per university circular (10th Aug 2022), their exams are postponed to Last week of November. So changes in academic calendar is made such as Cultural Program & Sports Activities are shifted to January 2023.

1) A. B. Dhonge
2) P.R. Desai
3) S. N. Kumbhar
4) Dr. S.V. More
5) V. E. Walavalkar
6) V.M. Hodavadekar
7) Mrs. N.M. Chougale

Amdar. Deepakbhai Kesarkar Science College Esta. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Notice Date-27/04/2023

All the staff members hereby inform you that meeting will be held on 28/04/2023 at 9:00 am in Principal cabin on following agendas.

Agenda:

1) Review of last semester academic calendar

Coordinator

Academic Planning Committee

1) S. N. Kumbhas

2) A. B. Dhenge

3) Dr. S.V. More

4) P.R. Desai

5) V. E. Warak

6) V.M. Hodavadekar

Amdar. Deepakbhai Kesarkar Science College
Esta. 15/6/2012 Dist.Sindhudrug
Dodamarg, Tal.Dodamarg

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Minutes of Meeting Date-28/04/2023

As per the notice dated on 27/04/2023 the minutes of meeting on different agendas are as follows:

Agenda: 1) Review of last semester academic calendar

Discussion is held on all the activities taken in last semester. It is ensure that the activities are completed as per plan.

1) A. B. Dhenge
2) S. N. Kambhar
3) P. R. Desai
4) Dr. S. V. Pore
5) V. E. Warale
6) V. M. Hodavadekar
7) Mr. N. M. Chavale

Amdar. Deepakbhai Kesarkar Science College Esta. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Notice Date-13/06/2023

All the staff members hereby inform you that meeting will be held on 14/06/2023 at 9:00 am in Principal cabin on following agendas.

Agenda:

1) Commencement & term end for academic year 2023-24

2) Preparation of academic calendar 2023-24

Coordinator

Academic Planning Committee

1) A.B. Dhenge Dhenge

2) P.R. Desai

3) Dr. S.V. More

4) V. E. Warale Vewale

5) V.M. Hodavadekar

6) S. N. Kambhar

7) Mr N.M. Chougale

Amdar. Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg Tal.Dodamarg

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Minutes of Meeting

Date-14/06/2023

As per the notice dated on 13/06/2023 the minutes of meeting on different agendas are as follows:

Agenda: 1) Commencement & term end for academic year 2023-24

As per university circular the academic year 2023-24 start from13th June 2023 & end at 1st May 2024. So committee request to all faculty to make their departmental plan, teaching plan according to the given term.

Agenda: 2) Preparation of academic calendar 2023-24

To know the clear plan of the academic year including arrangement of semesters, exam periods, annual functions, social activities & vacation, the academic calendar has to be prepared. Coordinator appeal to staff members to submit their academic plan of different committees well within time.

1) A.P.Patil
2) Dr. S.V.More
3) P.R.Desai
4) A.B.Dhenge
5) V.E.Warale
6) V.M.Vadevveran
7) S.N.Kumbhar
8) Mrs.N.M.Chougale

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg Estd. 15/6/2012 Dist.Sindhudrug

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Notice Date-16/06/2023

All the staff members hereby inform you that meeting will be held on 17/06/2023 at 1:00 pm in Principal cabin on following agendas.

Agenda:

1) Review of last meeting
2) Finalisation of academic calendar 2023-24

Coordinator

Academic Planning Committee

1) A. P. Patil Patil
2) A. B. Dhenge Dhenge
3) Dr. S. V. Tyone
4) P. R. Desai
5) V. E. Warale Vewarale
6) V. M. Hadavadkar
7) S. N. Kumbhar
8) Mr. N. M. Chougale

Amrtar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Minutes of Meeting Date-17/06/2023

As per the notice dated on 16/06/2023 the minutes of meeting on different agendas are as follows:

Agenda: 1) Review of last meeting

Review is taken on the last meeting which is held on 14/06/2023 by Principal.

As per request of Coordinator staff have submitted their academic plan of different committees within time

Agenda: 2) Finalisation of academic calendar 2023-24

The prepared academic calendar of the year was presented by Coordinator in front of Principal & staff members. Discussion is held on academic calendar. After verification, it was finalised by Principal.

1) A.B. Dhenge Dhenge

2) P.R. Desai Preesai

3) Dr. S.V. More

4) V.E. Warale Vewarale

5) A.P. Patil — Patil

6) V.M. Hodavadekar

7) S.N. Kumbhar

8) M.M. Chougale

Amdar. Deepakbhai Kesarkar Science College Esta. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Notice Date-28/11/2023

All the staff members hereby inform you that meeting will be held on 29/11/2023 at 3:00 pm in Principal cabin on following agendas.

Agenda:

1) Review of last semester academic calendar

2) Changes required (if any) in academic calendar

Coordinator

Academic Planning Committee

1) A.P. patil

2) Dr. S.V. Tyore

3) P.R. Desai

4) A.B. Dhenge

5) V.E. Warale

6) V.M. Nadkarni

7) S.N. Kambhar

Amdar Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Minutes of Meeting Date-29/11/2023

As per the notice dated on 28/11/2023 the minutes of meeting on different agendas are as follows:

Agenda: 1) Review of last semester academic calendar

Discussion was held on all the activities taken in last semester. It is ensure that the activities are done as per plan

1) A. P. Patil
2) A. B. Dhenge
3) Dr. S. V. Tyore
4) P. R. Desai
5) V. E. Warale
6) V. M. Vadanvadeo
7) S. N. Kumbhar
8) Mr. N. M. Chougule

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg, Dist.Sindhudrug Esta. 15/6/2012 Dist.Sindhudrug

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Notice

Date-29/04/2024

All the staff members hereby inform you that meeting will be held on 30/04/2024 at 9:00 am in Principal cabin on following agendas.

Agenda:

1) Review of last semester academic calendar

Coordinator

Academic Planning Committee

1) A. B. Dhenge Dhenge
2) P. R. Desai PRDesai
3) A. P. Pati Patil
4) Dr. S. V. More
5) V. E. Warale Vewarale
6) V. M. Hadavodekar VHadavodekar
7) S. N. Kumbhar

Amdar. Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg
Esta. 15/6/2012 Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Academic Planning Committee

Minutes of Meeting Date-30/04/2024

As per the notice dated on 29/04/2024 the minutes of meeting on different agendas are as follows:

Agenda: 1) Review of last semester academic calendar

Discussion is held on all the activities taken in last semester. It is ensure that the activities are completed as per plan.

1) A.P. Patil Patil

2) A.B. Dhenge Dhenge

3) P.R. Desai

4) Dr. S.V. More

5) V.E. Kharale Vkharale

6) V.M. Hadawkar

7) S.N. Kumbhar

8) Mr. N.M. Chougale

Amdar. Deepakbhai Kesarkar Science College Esta. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Shramik Vidyarthi Sanstha's

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
DODAMARG
Examination committee

Date - 16 / 06 / 2022

Notice

All the members of exam committee are hereby informed that our first term committee meeting is organized at 12.00 pm in Examination department. Please adjust your lecture and practical's along with the meeting. So please reach at the site of the meeting at right time, be punctual.

FOLLOWING ARE THE AGENDA OF MEETING.

1) To welcome all the committee members.

2) To distribute the duties among the members of committee.

3) To plan the first term examination schedule.

4) To discuss about requirement for the conduction of examination.

5) To discuss continuous internal evaluation (CIE) process.

6) To discuss any change in Question paper pattern according to subjects.

7) Arrangement of unit test exam for the second half of 2022.

8) Declaration of Result and report making.

9) Any other subject at the time of meeting.

Exam Coordinator,
A.D.K. Science College
Dodamarg.

Amdar Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Shramik Vidyarthi Sanstha's

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
DODAMARG
Examination committee
Attendance

The first term meeting of examination committee of the college for the academic year 2022 -23 was held on Thursday, 16th June 2022 at 12:00 a.m. in principal cabin and following members were present

Sr.No	Name of the representative	Designation	Signature
01	Mr. M. V. Golase	Chairperson	
02	Mr. A. B. Dhenge	Convener	
03	Mr. P. R. Desai	Member	
04	Miss. S. B. Sutar	Member	
05	Mr. V. M. Hodawadekar	Member	
06	Miss. P. V. Samarth	Member	
07	Mr. S. N. Kumbhar	Office Staff	
08	Mr. A. K. Naik	Supporting Staff	

Estd. 15/6/2012 Dist.Sindhudurg

Minutes of the meeting

The principal and chairperson of the Examination committee Mr. M. V. Golase open the meeting with Greetings to all the members.

Following Resolution are discussed in meeting.

Sr.no.	Agenda of the meeting.	resolution
01	To welcome all the committee members.	Committee coordinator prof. A. B. Dhenge welcome all the members of committee at the beginning of meeting.
02	To distribute the duties among the members of committee.	Following examination duties are distributed in between the committee members. 1) Preparation of Time table Prof P.R. Desai 2) Collection and Printing of question papers Miss S.B. Sutar 3) Allotment of supervision and supporting staff duties Prof A. B. Dhenge 4) Conduction of exams Prof. A.B.Dhenge 5) Collection of answer paper with report Prof. P.R. Desai 6) about CAP duties Prof. V.M. Hodawadekar 7) Proof reading process done by subject related member.
03	To plan the first term examination schedule.	This is resolved by, plan the first term semester end examination as per university guideline and unit test examination in the month of august
04	To discuss about requirement for the conduction of examination.	It is instructed to Mr. S. N. Kumbhar to check examination related stationary for the smooth conduction of examinations.
05	To discuss continuous internal evaluation (CIE) process	It is decided that for the process of CIE to organize unit test examination by the committee. Also to organize different evaluation methods by the respective subject teacher.
06	To discuss any change in Question paper pattern according to subjects.	This is resolved through as per university guidelines change the Question paper pattern and follow the instruction by the university.
07	Arrangement of unit test exam for the second half of 2022.	It is decided that arrangement of unit test examination in the 2nd &3rd week of Septembe for the internal evaluation of students.
08	Declaration of Result and report making.	Prof. Miss. P. V. Samarth was given the responsibility of preparing reports and result of the exam.
09	Any other subject at the time of meeting	No other subject discussed at the time of meeting. Meeting is concluded by vote of thanks.

Exam Coordinator,
A.D.K. Science College
Dodamarg.

Amdar. Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Shramik Vidyarthi Sanstha's

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE

DODAMARG

Examination committee

Date- 05 / 09 / 2022

Notice

All the members of exam committee are hereby informed that our committee meeting is organized at 2.00 pm in examination department. Please adjust your lecture and practical's along with the meeting. Please present meeting at right time.

FOLLOWING ARE THE AGENDA OF MEETING.

1) To approve minutes of the previous meeting.

2) To discuss the conduction of first term semester Examination.

3) To discuss about the planning of Practical Examination.

4) Instructions for faculty on exam procedures and responsibilities.

5) Notification process for students regarding exam details.

6) Strategies for preventing malpractice in examination.

7) Discussion on exam related duties.

8) To discuss the online Paper downloading on DEPDS.

9) Any other subject at the time of meeting.

Exam Coordinator,
A.D.K. Science College
Dodamarg.

Amdar Deepakbhai Kesarkar Science College Estd. 15/5/2012 Dist.Sindhudrug

Principal
Amdar, Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Shramik Vidyarthi Sanstha's

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
DODAMARG
Examination committee
Attendance

The first term meeting of examination committee of the college for the academic year 2022 -23 was held on Monday, 05th September 2022 at 2:00 a.m. in principal cabin and following members were present

Sr.No	Name of the representative	Designation	Signature
01	Mr. M. V. Golase	Chairperson	
02	Mr. A. B. Dhenge	Convener	
03	Mr. P. R. Desai	Member	
04	Miss. S. B. Sutar	Member	
05	Mr. V. M. Hodawadekar	Member	
06	Miss. P. V. Samarth	Member	
07	Mr. S. N. Kumbhar	Office Staff	
08	Mr. A. K. Naik	Supporting Staff	

Amdar Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudurg

Minutes of the meeting

The principal and chairperson of the Examination committee Mr. M. V. Golase open the meeting with Greetings to all the members.

Following Resolution are discussed in meeting.

Sr.no.	Agenda of the meeting.	resolution
01	To approve minutes of the previous meeting.	The minutes of the previous is read by the coordinator and confirmed by the members.
02	To discuss the conduction of first term semester Examination.	It was decided that as per university circular T. Y. B.Sc. exams are scheduled and F. Y. and S. Y. B.Sc. exams are conducted in the last two weeks of October.
03	To discuss about the planning of Practical Examination.	Department heads and subject heads was instructed to schedule their practical exams independently, in order to prevent overlapping of group subjects.
04	Instructions for faculty on exam procedures and responsibilities.	This was resolved through instructed to all faculty about their examination duty and preparation of question paper.
05	Notification process for students regarding exam details.	It is agreed that Mr. S. N. Kumbhar will post the exam notice on the notice board.
06	Strategies for preventing malpractice in examination.	This is resolved through as per university guidelines squad is prepared to avoid malpractice in exam.
07	Discussion on exam related duties	It was decided that duties are continued as per first meeting.
08	To discuss the online Paper downloading on DEPDS.	It was decided that the committee's four members would conduct the entire session.
09	Any other subject at the time of meeting.	No other subject discussed at the time of meeting. Meeting is concluded by vote of thanks.

Exam Coordinator,
A.D.K. Science College
Dodamarg.

Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Shramik Vidyarthi Sanstha's

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE

DODAMARG

Examination committee

Date -06 / 12 / 2022

NOTICE

All the members of exam committee are hereby informed that our second term committee meeting is organized at 1.00 pm in examination department. Please adjust your lecture and practical's along with the meeting. So please reach at the site of the meeting at right time, be punctual.

Following are the agenda of meeting.

1) To review and confirm the minutes of the previous meeting.

2) To plan the second term examination schedule.

3) To discuss about requirement for the conduction of examination.

4) Overview on Distribution of duties.

5) Arrangement of unit test exam for the first half of 2023.

6) To discuss continuous internal evaluation (CIE) process.

7) Any other subject at the time of meeting

Exam Coordinator,
A.D.K. Science College
Dodamarg.

Amdar Deepakbhai Kesarkar Science College Dodamarg Tal.Dodamarg Estd. 15/6/2012 Dist.Sindhudrug

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Shramik Vidyarthi Sanstha's

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
DODAMARG
Examination committee
Attendance

The first term meeting of examination committee of the college for the academic year 2022 - 23 was held on Tuesday, 06th December 2022 at 1:00 a.m. in principal cabin and following members were present

Sr.No	Name of the representative	Designation	Signature
01	Mr. M. V. Golase	Chairperson	
02	Mr. A. B. Dhenge	Convener	
03	Mr. P. R. Desai	Member	
04	Miss. S. B. Sutar	Member	
05	Mr. V. M. Hodawadekar	Member	
06	Miss. P. V. Samarth	Member	
07	Mr. S. N. Kumbhar	Office Staff	
08	Mr. A. K. Naik	Supporting Staff	

Amdar Deepakbhai Kesarkar Science College Dodamarg Estd. 15/6/2012 Dist.Sindhudurg

Minutes of the meeting

The principal and chairperson of the Examination committee Mr. M. V. Golase open the meeting with Greetings to all the members.

Following Resolution are discussed in meeting.

Sr.no.	Agenda of the meeting.	resolution
01	To review and confirm the minutes of the last meeting.	The minutes of the last meeting was read by the convener and confirmed by the members.
02	To plan the second term examination schedule.	This is resolved by conducting the unit test examination in February and practical and theory examination of semester end examination both regular and repeater students as per university guideline.
03	To discuss about requirement for the conduction of examination.	It is instructed to Mr. S. N. Kumbhar to check examination related stationary for the smooth conduction of examinations
04	Overview on Distribution of duties.	It is agreed that the duties are continued for the first Half of 2023.
05	Arrangement of unit test exam for the first half of 2023.	It is decided that arrangement of unit test examination in the last week of February & 1st week of March for the internal evaluation of students.
06	To discuss continuous internal evaluation (CIE) process.	It is decided that for the process of CIE to organize unit test examination by the committee. Also to organize different evaluation methods by the respective subject teacher.
07	Any other subject at the time of meeting.	No other subject discussed at the time of meeting. Meeting is concluded by vote of thanks.

Exam Coordinator,
A.D.K. Science College
Dodamarg.

Amdar. Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Shramik Vidyarthi Sanstha's

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
DODAMARG
Examination committee

Date- 15 /03 /2023

Notice

All the members of exam committee are hereby informed that our committee meeting is organized at 11.00 am in examination department. Please adjust your lecture and practical's along with the meeting. Please present meeting at right time.

Following are the agenda of meeting.

1) To approve minutes of the previous meeting.

2) To discuss the conduction of Second term semester Examination.

3) To discuss about the planning of Practical Examination.

4) Instructions for faculty on exam procedures and responsibilities.

5) To discuss the online Paper downloading on DEPDS.

6) Notification process for students regarding exam details.

7) Strategies for preventing malpractice in examination.

8) About declaration of result.

9) Any other subject at the time of meeting.

Exam Coordinator,
A.D.K. Science College
Dodamarg.

Amdar Deepakbhai Kesarkar Science College Dodamarg Estd. 15/6/2012 Dist.Sindhudrug

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Shramik Vidyarthi Sanstha's

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
DODAMARG
Examination committee
Attendance

The first term meeting of examination committee of the college for the academic year 2022 -23 was held on Wednesday, 15th March 2023 at 11:00 a.m. in principal cabin and following members were present

Sr.No	Name of the representative	Designation	Signature
01	Mr. M. V. Golase	Chairperson	
02	Mr. A. B. Dhenge	Convener	
03	Mr. P. R. Desai	Member	
04	Miss. S. B. Sutar	Member	
05	Mr. V. M. Hodawadekar	Member	
06	Miss. P. V. Samarth	Member	
07	Mr. S. N. Kumbhar	Office Staff	
08	Mr. A. K. Naik	Supporting Staff	

Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg Tal.Dodamarg

Minutes of the meeting

The principal and chairperson of the Examination committee Mr. M. V. Golase open the meeting with Greetings to all the members.

Following Resolution are discussed in meeting.

Sr.no.	Agenda of the meeting.	resolution
01	To approve minutes of the previous meeting.	The minutes of the previous is read by the coordinator and confirmed by the members.
02	To discuss the conduction of Second term semester Examination.	It was decided that as per university circular T. Y. B.Sc. exams are scheduled and F. Y. and S. Y. B.Sc. exams are conducted in the last two weeks of October.
03	To discuss about the planning of Practical Examination.	Department heads and subject heads was instructed to schedule their practical exams independently, in order to prevent overlapping of group subjects.
04	Instructions for faculty on exam procedures and responsibilities.	This was resolved through instructed to all faculty about their examination duty and preparation of question paper.
05	To discuss the online Paper downloading on DEPDS.	It was decided that the committee's four members would conduct the entire session.
06	Notification process for students regarding exam details.	It is agreed that Mr. S. N. Kumbhar will post the exam notice on the notice board.
07	Strategies for preventing malpractice in examination.	This is resolved through as per university guidelines squad is prepared to avoid malpractice in exam.
08	About declaration of result.	It was decided that the results are entered on Microsis software for B.Sc. - I & II by the Mr. P. R. Desai and Mr. S.N. Kumbhar.
09	Any other subject at the time of meeting.	No other subject discussed at the time of meeting. Meeting is concluded by vote of thanks.

Exam Coordinator,
A.D.K. Science College
Dodamarg.

Amdar. Deepakbhai Kesarkar Science College • Estd. 15/6/2012 Dist.Sindhudrug • Dodamarg Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Shramik Vidyarthi Sanstha's

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
DODAMARG
Examination committee

Date - 26 / 06 / 2023

Notice

All the members of exam committee are hereby informed that our first term committee meeting is organized at 11.00 a.m. in Examination department. Please adjust your lecture and practical's along with the meeting. So please reach at the site of the meeting at right time, be punctual.

FOLLOWING ARE THE AGENDA OF MEETING.

1) To welcome all the committee members.
2) To distribute the duties among the members of committee.
3) To plan the first term examination schedule.
4) To discuss about requirement for the conduction of examination.
5) To discuss continuous internal evaluation (CIE) process.
6) To discuss any change in Question paper pattern according to subjects.
7) Arrangement of unit test exam for the second half of 2023.
8) Declaration of Result and report making.
9) Any other subject at the time of meeting.

Exam Coordinator,
A.D.K. Science College
Dodamarg.

Amdar. Deepakbhai Kesarkar Science College Dodamarg Tal.Dodamarg
Estd. 15/6/2012 Dist.Sindhudrug

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Shramik Vidyarthi Sanstha's

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE

DODAMARG

Examination committee

Attendance

The first term meeting of examination committee of the college for the academic year 2023 -24 was held on Monday, 26th June 2023 at 11:00 a.m. in principal cabin and following members were present

Sr.No	Name of the representative	Designation	Signature
01	Mr. M. V. Golase	Chairperson	
02	Mr. A. B. Dhenge	Convener	
03	Mr. P. R. Desai	Member	
04	Miss. S. B. Sutar	Member	
05	Mr. V. M. Hodawadekar	Member	
06	Mr. S. R. Padle	Member	
07	Mr. S. N. Kumbhar	Office Staff	
08	Mr. A. K. Naik	Supporting Staff	

Shramik Vidyarthi Deepakbhai Kesarkar Science College Dodamarg
Estd. 15/6/2012 Dist.Sindhudrug

Minutes of the meeting

The principal and chairperson of the Examination committee Mr. M. V. Golase open the meeting with Greetings to all the members.

Following Resolution are discussed in meeting.

Sr.no.	Agenda of the meeting.	resolution
01	To welcome all the committee members.	Committee coordinator prof. A. B. Dhenge welcome all the members of committee at the beginning of meeting.
02	To distribute the duties among the members of committee.	Following examination duties are distributed in between the committee members. 1) Preparation of Time table Prof P.R. Desai 2) Collection and Printing of question papers Miss S.B. Sutar 3) Allotment of supervision and supporting staff duties Prof A. B. Dhenge 4) Conduction of exams Prof. A.B.Dhenge 5) Collection of answer paper with report Prof. P.R. Desai 6) about CAP duties Prof. V.M. Hodawadekar 7) Proof reading process done by subject related member.
03	To plan the first term examination schedule.	This is resolved by, plan the first term semester end examination as per university guideline and unit test examination in the month of august
04	To discuss about requirement for the conduction of examination.	It is instructed to Mr. S. N. Kumbhar to check examination related stationary for the smooth conduction of examinations.
05	To discuss continuous internal evaluation (CIE) process	It is decided that for the process of CIE to organize unit test examination by the committee. Also to organize different evaluation methods by the respective subject teacher.
06	To discuss any change in Question paper pattern according to subjects.	This is resolved through as per university guidelines change the Question paper pattern and follow the instruction by the university.
07	Arrangement of unit test exam for the second half of 2022.	It is decided that arrangement of unit test examination in the 2nd &3rd week of Septembe for the internal evaluation of students.
08	Declaration of Result and report making.	Prof. Mr. S. R. Padle was given the responsibility of preparing reports and result of the exam.
09	Any other subject at the time of meeting	No other subject discussed at the time of meeting. Meeting is concluded by vote of thanks.

Exam Coordinator,
A.D.K. Science College
Dodamarg.

Amdar. Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Shramik Vidyarthi Sanstha's

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
DODAMARG
Examination committee

Date- 15 / 09 / 2023

Notice

All the members of exam committee are hereby informed that our committee meeting is organized at 12.00 pm in examination department. Please adjust your lecture and practical's along with the meeting. Please present meeting at right time.

Following are the agenda of meeting.

1) To approve minutes of the previous meeting.

2) To discuss the conduction of first term semester Examination.

3) To discuss about the planning of Practical Examination.

4) Instructions for faculty on exam procedures and responsibilities.

5) Notification process for students regarding exam details.

6) Strategies for preventing malpractice in examination.

7) Discussion on exam related duties.

8) To discuss the online Paper downloading on DEPDS.

9) Any other subject at the time of meeting.

Exam Coordinator,
A.D.K. Science College
Dodamarg.

Amdar. Deepakbhai Kesarkar Science College Dodamarg
Estd. 15/6/2012 Dist.Sindhudrug

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Shramik Vidyarthi Sanstha's

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE

DODAMARG

Examination committee

Attendance

The first term meeting of examination committee of the college for the academic year 2023 -24 was held on Friday, 15th September 2024 at 12:00 a.m. in principal cabin and following members were present.

Sr.No	Name of the representative	Designation	Signature
01	Mr. M. V. Golase	Chairperson	
02	Mr. A. B. Dhenge	Convener	
03	Mr. P. R. Desai	Member	
04	Miss. S. B. Sutar	Member	
05	Mr. V. M. Hodawadekar	Member	
06	Mr. S. R. Padle	Member	
07	Mr. S. N. Kumbhar	Office Staff	
08	Mr. A. K. Naik	Supporting Staff	

Amdar Deepakbhai Kesarkar Science College Dodamarg
Estd. 15/6/2012 Dist.Sindhudrug

Minutes of the meeting

The principal and chairperson of the Examination committee Mr. M. V. Golase open the meeting with Greetings to all the members.

Following Resolution are discussed in meeting.

Sr.no.	Agenda of the meeting.	resolution
01	To approve minutes of the previous meeting.	The minutes of the previous is read by the coordinator and confirmed by the members.
02	To discuss the conduction of first term semester Examination.	It was decided that as per university circular T. Y. B.Sc. exams are scheduled and F. Y. and S. Y. B.Sc. exams are conducted in the last two weeks of October.
03	To discuss about the planning of Practical Examination.	Department heads and subject heads was instructed to schedule their practical exams independently, in order to prevent overlapping of group subjects.
04	Instructions for faculty on exam procedures and responsibilities.	This was resolved through instructed to all faculty about their examination duty and preparation of question paper.
05	Notification process for students regarding exam details.	It is agreed that Mr. S. N. Kumbhar will post the exam notice on the notice board.
06	Strategies for preventing malpractice in examination.	This is resolved through as per university guidelines squad is prepared to avoid malpractice in exam.
07	Discussion on exam related duties	It was decided that duties are continued as per first meeting.
08	To discuss the online Paper downloading on DEPDS.	It was decided that the committee's four members would conduct the entire session.
09	Any other subject at the time of meeting.	No other subject discussed at the time of meeting. Meeting is concluded by vote of thanks.

Exam Coordinator,
A.D.K. Science College
Dodamarg.

Amdar. Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Shramik Vidyarthi Sanstha's

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
DODAMARG
Examination committee

Date - 04 / 01 / 2024

NOTICE

All the members of exam committee are hereby informed that our second term committee meeting is organized at 1.00 pm in examination department. Please adjust your lecture and practical's along with the meeting. So please reach at the site of the meeting at right time, be punctual.

Following are the agenda of meeting.

1) To review and confirm the minutes of the previous meeting.

2) To plan the second term examination schedule.

3) To discuss about requirement for the conduction of examination.

4) Overview on Distribution of duties.

5) Arrangement of unit test exam for the first half of 2024

6) To discuss continuous internal evaluation (CIE) process.

7) Any other subject at the time of meeting

Amdar. Deepakbhai Kesarkar Science College Dodamarg
Estd. 15/6/2012 Dist.Sindhudrug

Exam Coordinator,
A.D.K. Science College
Dodamarg.

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Shramik Vidyarthi Sanstha's

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
DODAMARG
Examination committee
Attendance

The first term meeting of examination committee of the college for the academic year 2023 - 24 was held on Thersday, 04th January 2024 at 1:00 a.m. in principal cabin and following members were present

Sr.No	Name of the representative	Designation	Signature
01	Mr. M. V. Golase	Chairperson	
02	Mr. A. B. Dhenge	Convener	
03	Mr. P. R. Desai	Member	
04	Miss. S. B. Sutar	Member	
05	Mr. V. M. Hodawadekar	Member	
06	Mr. S. R. Padle	Member	
07	Mr. S. N. Kumbhar	Office Staff	
08	Mr. A. K. Naik	Supporting Staff	

Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Tal Dodamarg

Minutes of the meeting

The principal and chairperson of the Examination committee Mr. M. V. Golase open the meeting with Greetings to all the members.

Following Resolution are discussed in meeting.

Sr.no.	Agenda of the meeting.	resolution
01	To review and confirm the minutes of the last meeting.	The minutes of the last meeting was read by the convener and confirmed by the members.
02	To plan the second term examination schedule.	This is resolved by conducting the unit test examination in February and practical and theory examination of semester end examination both regular and repeater students as per university guideline.
03	To discuss about requirement for the conduction of examination.	It is instructed to Mr. S. N. Kumbhar to check examination related stationary for the smooth conduction of examinations
04	Overview on Distribution of duties.	It is agreed that the duties are continued for the first Half of 2024.
05	Arrangement of unit test exam for the first half of 2024	It is decided that arrangement of unit test examination in the last week of February & 1st week of March for the internal evaluation of students.
06	To discuss continuous internal evaluation (CIE) process.	It is decided that for the process of CIE to organize unit test examination by the committee. Also to organize different evaluation methods by the respective subject teacher.
07	Any other subject at the time of meeting.	No other subject discussed at the time of meeting. Meeting is concluded by vote of thanks.

Exam Coordinator,
A.D.K. Science College
Dodamarg.

Amdar. Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Shramik Vidyarthi Sanstha's

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE

DODAMARG

Examination committee

Date- 07 /03 /2024

Notice

All the members of exam committee are hereby informed that our committee meeting is organized at 1.30 pm in examination department. Please adjust your lecture and practical's along with the meeting. Please present meeting at right time.

Following are the agenda of meeting.

1) To approve minutes of the previous meeting.

2) To discuss the conduction of Second term semester Examination.

3) To discuss about the planning of Practical Examination.

4) Instructions for faculty on exam procedures and responsibilities.

5) To discuss the online Paper downloading on DEPDS.

6) Notification process for students regarding exam details.

7) Strategies for preventing malpractice in examination.

8) About declaration of result.

9) Any other subject at the time of meeting.

Exam Coordinator,
A.D.K. Science College
Dodamarg.

Esta. 15/8/2012 Dist.Sindhudrug

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Shramik Vidyarthi Sanstha's

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
DODAMARG
Examination committee
Attendance

The first term meeting of examination committee of the college for the academic year 2023 -24 was held on Thursday, 07th March 2024 at 1:30 pm. in principal cabin and following members were present

Sr.No	Name of the representative	Designation	Signature
01	Mr. M. V. Golase	Chairperson	
02	Mr. A. B. Dhenge	Convener	
03	Mr. P. R. Desai	Member	
04	Miss. S. B. Sutar	Member	
05	Mr. V. M. Hodawadekar	Member	
06	Mr. S. R. Padle	Member	
07	Mr. S. N. Kumbhar	Office Staff	
08	Mr. A. K. Naik	Supporting Staff	

Deepakbhai Kesarkar Science College
Estd. 15/6/2012
Dist.Sindhudrug
Dodamarg, Tal Dodamarg

Minutes of the meeting

The principal and chairperson of the Examination committee Mr. M. V. Golase open the meeting with Greetings to all the members.

Following Resolution are discussed in meeting.

Sr.no.	Agenda of the meeting.	resolution
01	To approve minutes of the previous meeting.	The minutes of the previous is read by the coordinator and confirmed by the members.
02	To discuss the conduction of Second term semester Examination.	It was decided that as per university circular T. Y. B.Sc. exams are scheduled and F. Y. and S. Y. B.Sc. exams are conducted in the last two weeks of October.
03	To discuss about the planning of Practical Examination.	Department heads and subject heads was instructed to schedule their practical exams independently, in order to prevent overlapping of group subjects.
04	Instructions for faculty on exam procedures and responsibilities.	This was resolved through instructed to all faculty about their examination duty and preparation of question paper.
05	To discuss the online Paper downloading on DEPDS.	It was decided that the committee's four members would conduct the entire session.
06	Notification process for students regarding exam details.	It is agreed that Mr. S. N. Kumbhar will post the exam notice on the notice board.
07	Strategies for preventing malpractice in examination.	This is resolved through as per university guidelines squad is prepared to avoid malpractice in exam.
08	About declaration of result.	It was decided that the results are entered on Microsis software for B.Sc. - I & II by the Mr. P. R. Desai and Mr. S.N. Kumbhar.
09	Any other subject at the time of meeting.	No other subject discussed at the time of meeting. Meeting is concluded by vote of thanks.

Exam Coordinator,
A.D.K. Science College
Dodamarg.

Amdar. Deepakbhai Kesarkar Science College Dodamarg Tal.Dodamarg
Estd. 15/6/2012 Dist.Sindhudrug

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

DEPARTMENT OF CHEMISTRY

NOTICE

Date-07/06/2019

All the teaching staff of chemistry hereby inform you that, department meeting will be held on 08/06/2019 at 9.00 am in chemistry lab.

Agendas of meeting:

1) Workload distribution for academic year 2019-20
2) Requirement of chemicals

HOD

Head
Department of Chemistry
D.K.Sc. College Dodamarg

1) Mr. M. S. Patil
2) Mr. A. B. Dhenge
3) Mr. S. D. Gaonkar
4) Mr. S. S. patil
5) Mr. M. D. parade

Amdar Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg. Tal Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg. Tal.Dodamarg. Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Minutes of Meeting

Date-08/06/2019

As per department notice dated on 07/06/2019, the minutes of meeting on different agendas are as follows:

Agenda I: The Workload distributed by HOD for academic year 2019-20 is as follows,

Staff Name	F.Y. Bsc		S.Y. BSc		T.Y. Bsc		Total
	Theory	Practical	Theory	Practical	Theory	Practical	
Mr.N.M.Chougale	--------	------	ChP-I-03	ChP-I 06	Chp-I 04	Chp-I 08	21
Mr.M.S.Patil	ChP-I 03	ChP-I 03	Chp-II 03	ChP-II 06	ChP-III 04	ChP-III 08	27
Mr.A.B.Dhenge	ChP-II 03	ChP-II 06	-------	-------	ChP-II 04	ChP-II 08	21
Mr. S.D.Gaonkar	---------	ChP-I 03	ChP-III 03	ChP-III 06	ChP-IV 04	ChP-IV 08	24
Mr.S.S.Patil	-------	-------	-------	----------	ChP-V 04	ChP-V 08	12
Total							105

Amdar Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg. Tal.Dodamarg

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg. Tal.Dodamarg. Dist.Sindhudrug

Agenda III: Requirements of chemicals & apparatus

HOD told to took the review of chemicals & practical apparatus paper wise, & report the any requirement to lab assistant.

1) Mr. N.M. chougale

2) Mr. M.S. Patil

3) Mr. A.B. Dhonge

4) Mr - S.D. Gaonkar.

5) Mr - S.S. patil

6) Mr. M.D. patade

Amdar Deepakbhai Kesarkar Science College Dodamarg Tal.Dodamarg Estd. 15/6/2012 Dist.Sindhudrug

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

DEPARTMENT OF CHEMISTRY Date-02/09/2019

NOTICE

All the teaching staff of chemistry hereby inform you that, department meeting will be held on 03/09/2019 at 11.00 am in chemistry lab.

Agendas of meeting:

1) Review on syllabus completion
2) Preparation of semester end practical examination
3) Any other with the permission of chair

HOD

1) Mr. M.S. Patil
2) Mr. A.B. Dhenge
3) Ms. S.D. Gaonkar
4) Mr S.S. patil
5) Mr. M.D. patade
6) Mr. A.B. Gawas

Amdar Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg Tal.Dodamarg

Principal
Amdar, Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Minutes of Meeting

Date-03/09/2019

As per department notice dated on 02/09/2019, the minutes of meeting on different agendas are as follows:

Agenda I: Review on syllabus completion

As per discussion, the tentative percentage of syllabus completion as per workload distribution is given by teachers is as follows:

Staff Name	F.Y. Bsc		S.Y. BSc		T.Y. Bsc	
	Theory	Practical	Theory	Practical	Theory	Practical
Mr.N.M.Chougale	--------	------	ChP-I 95	ChP-I 80	Chp-I 85	Chp-I 90
Mr.M.S.Patil	ChP-I 80	ChP-I 75	Chp-II 85	ChP-II 90	ChP-III 90	ChP-III 90
Mr.A.B.Dhenge	ChP-II 85	ChP-II 90	-------	-------	ChP-II 85	ChP-II 85
Mr. S.D.Gaonkar	---------	ChP-I 75	ChP-III 70	ChP-III 75	ChP-IV 80	ChP-IV 70
Mr.S.S.Patil	-------	-------	-------	----------	ChP-V 65	ChP-V 70

Agenda II: Preparation of semester end practical examination

It was decided to conduct practical examination of TYBSc students as per the university schedule & FY/SYBSc practical examination will commence from last week of September.

1) Mr. N.M. chougale
2) Mr. M.S. Patil
3) Mr. A.B. Dhenge
4) Mr. S.D. Gaonkar
5) Mr. S.S. Patil

Amdar Deepakbhai Kesarkar Science College Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

DEPARTMENT OF CHEMISTRY

NOTICE Date-15/11/2019

All the teaching staff of chemistry hereby inform you that, department meeting will be held on 16/11/2019 at 10.00 am in chemistry lab.

Agendas of meeting:

1) Discussion of upcoming semesters
2) Any other with the permission of chair

HOD

1) Mr. M.S. Patil
2) Mr. A. B. Dhenge
3) Mr. S. D. Gaonkar
4) Mr. S. S. patil

Amdar. Deepakbhai Kesarkar Science College Esta. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Minutes of Meeting Date-16/11/2019

As per department notice dated on 15/11/2022, the minutes of meeting on different agendas are as follows:

Agenda I: Discussion of upcoming semesters

It is decided to carry out same workload as decided in meeting of 08/06/2019

Agenda II: Discussion about Chemical & Glassware stock

Discussion was held on chemical stocks & glassware breakage. HoD told to Lab Assistant & Attendant to verify the stock physically. Also make the list of chemicals required for the even semester practical's.

1) Mr. N. M. Chougale
2) Mr. M. S. Patil
3) Mr. A. B. Dhenge
4) Mr. S. D. Gaonkar
5) Mr. M. D. patade
6) Mr. A. B. Gawas

Amdar Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg Tal.Dodamarg

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

DEPARTMENT OF CHEMISTRY

NOTICE

Date-06/03/2020

All the teaching staff of chemistry hereby inform you that, department meeting will be held on 07/03/2020 at 3.00 pm in chemistry lab.

Agendas of meeting:

1) Review on syllabus completion
2) Preparation of semester end practical examination
3) Any other with the permission of chair

HOD

Head
Department of Chemistry
D.K.Sc. College Dodamarg

1) Mr. M.S. Patil
2) Mr. A.B. Dhenge
3) Mr S.D. Gaonkar
4) Mr. S.S. patil - Spatil
5) Mr. M.D. patade

Amdar Deepakbhai Kesarkar Science College Dodamarg Tal.Dodamarg Estd. 15/6/2012 Dist.Sindhudrug

Principal
Amdar, Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Minutes of Meeting

Date-07/03/2020

As per department notice dated on 06/03/2020, the minutes of meeting on different agendas are as follows:

Agenda I: Review on syllabus completion

As per discussion, the tentative percentage of syllabus completion as per workload distribution is given by teachers is as follows:

Staff Name	F.Y. Bsc		S.Y. BSc		T.Y. Bsc	
	Theory	Practical	Theory	Practical	Theory	Practical
Mr.N.M.Chougale	--------	------	ChP-I 80	ChP-I 80	Chp-I 85	Chp-I 100
Mr.M.S.Patil	--------	---------	Chp-II 85	ChP-II 100	ChP-III 80	ChP-III 100
Mr.A.B.Dhenge	ChP-II 80	ChP-II 70	-------	-------	ChP-II 90	ChP-II 100
Mr. S.D.Gaonkar	---------	ChP-I 70	ChP-III 90	ChP-III 80	ChP-IV 80	ChP-IV 100
Mr.S.S.Patil	-------	-------	-------	----------	ChP-V 85	ChP-V 100

Agenda II: Preparation of semester end practical examination

It was decided to conduct practical examination of TYBSc students as per the university schedule & FY/SY BSc practical examination commence from last week of March as per the Departmental examination schedule.

1) Mr. N. M. Chougale
2) Mr. M. S. Patil
3) Mr. A. B. Dhenge - Dhenge
4) Mr. S. D Gaonakar - Gaonkar
5) Mr. S. S. patil - Patil
6) Mr. M. D. parade

Principal
Amdar, Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

DEPARTMENT OF CHEMISTRY

NOTICE

Date-15/06/2021

All the teaching staff of chemistry hereby inform you that, department meeting will be held on 16/06/2021 at 9.00 am in chemistry lab.

Agendas of meeting:

1) Workload distribution for academic year 2021-22

2) Requirement of chemicals

HOD

Head
Department of Chemistry
D.K.Sc. College Dodamarg

1) Mr. A. B. Dhenge Dhenge

2) Mr. M. S. Patil

3) Mr. S. D. Gaonkar

4) Mr. S. S. Patil

Amdar Deepakbhai Kesarkar Science College Dodamarg Tal.Dodamarg Estd. 15/6/2012 Dist.Sindhudrug

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Minutes of Meeting

Date-16/06/2021

As per department notice dated on 15/06/2021, the minutes of meeting on different agendas are as follows:

Agenda I: The Workload distributed by HOD for academic year 2019-20 is as follows,

Staff Name	F.Y. Bsc		S.Y. BSc		T.Y. Bsc		Total
	Theory	Practical	Theory	Practical	Theory	Practical	
Mr.N.M.Chougale	--------	------	ChP-I-03	ChP-I 06	Chp-I 04	Chp-I 08	21
Mr.M.S.Patil	ChP-I 03	ChP-I 03	Chp-II 03	ChP-II 06	ChP-III 04	ChP-III 08	27
Mr.A.B.Dhenge	ChP-II 03	ChP-II 06	-------	-------	ChP-II 04	ChP-II 08	21
Mr. S.D.Gaonkar	---------	ChP-I 03	ChP-III 03	ChP-III 06	ChP-IV 04	ChP-IV 08	24
Mr.S.S.Patil	-------	-------	-------	----------	ChP-V 04	ChP-V 08	12
Total							105

Amdar Deepakbhai Kesarkar Science College Estb. 15/6/2012 Dist.Sindhudrug Doadamarg Tal.Dodamarg

Agenda III: Requirements of chemicals & apparatus

HOD told to took the review of chemicals & practical apparatus paper wise, & report the requirement if any to lab assistant

1) nil
2) Mr. M. S. Patil
3) Mr. A. B. Dhonge
4) Mr. S. D. Ganorkar
5) Mr. S. S. patil
6) Mr. M. D. patade

Amdar, Deepalibhai Kesarkar Science College Dodamarg Tal.Dodamarg Estd. 15/6/2012 Dist.Sindhudrug

Principal
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Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

DEPARTMENT OF CHEMISTRY Date-17/09/2021

NOTICE

All the teaching staff of chemistry hereby inform you that, department meeting will be held on 18/09/2021 at 11.00 am in chemistry lab.

Agendas of meeting:

1) Review on syllabus completion
2) Preparation of semester end practical examination
3) Any other with the permission of chair

HOD

Head
Department of Chemistry
D K.Sc. College Dodamarg

1) Mr. M.S. Patil
2) Dr. A.B. Dhenge
3) Mr. S.D. Gaonkar
4) Mr. S.S. patil
5) Mr. M.D. patade
6) Mr. A.B. Gawas

Amdar Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Minutes of Meeting

Date-18/09/2021

As per department notice dated on 17/09/2021, the minutes of meeting on different agendas are as follows:

Agenda I: Review on syllabus completion

As per discussion, the tentative percentage of syllabus completion as per workload distribution is given by teachers is as follows:

Staff Name	F.Y. Bsc		S.Y. BSc		T.Y. Bsc	
	Theory	Practical	Theory	Practical	Theory	Practical
Mr.N.M.Chougale	--------	------	ChP-I 95	ChP-I 80	Chp-I 85	Chp-I 90
Mr.M.S.Patil	ChP-I 80	ChP-I 75	Chp-II 85	ChP-II 90	ChP-III 90	ChP-III 90
Mr.A.B.Dhenge	ChP-II 85	ChP-II 90	-------	-------	ChP-II 85	ChP-II 85
Mr. S.D.Gaonkar	---------	ChP-I 75	ChP-III 70	ChP-III 75	ChP-IV 80	ChP-IV 70
Mr.S.S.Patil	-------	-------	-------	----------	ChP-V 65	ChP-V 70

Agenda II: Preparation of semester end practical examination

It was decided to conduct practical examination of TYBSc students as per the university schedule & FY/SYBSc practical examination will commence from last week of September.

1) Mr. M.S. Patil
2) Mr. A.B. Dhenge
3) Mr S.D Gaonkar
4) M.r S.S. patil
5) Mr. M.D. patade
6) M.r A.B. Gawas

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg
Estd. 15/6/2012 Dist.Sindhudrug
Dodamarg, Tal.Dodamarg

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

DEPARTMENT OF CHEMISTRY

NOTICE Date-15/11/2021

All the teaching staff of chemistry hereby inform you that, department meeting will be held on 16/11/2021 at 10.00 am in chemistry lab.

Agendas of meeting:

1) Discussion of upcoming semesters
2) To run the certificate course in water quality analysis
3) Any other with the permission of chair

HOD

Head
Department of Chemistry
D.K.Sc. College Dodamarg

1) Mr. M.S. Patil 15/11/21
2) Mr. A. B. Dhenge
3) Mr. S. D. Gaonlcar. Gonalcar
4) M.r. S.S. patil - Patil
5) Mr. M.D. patade
6) M.r. A.B. Gawas

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg Tal.Dodamarg Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Minutes of Meeting

Date-16/11/2021

As per department notice dated on 15/11/2021, the minutes of meeting on different agendas are as follows:

Agenda I: Discussion of upcoming semesters

It is decided to carry out same workload as decided in meeting of 08/06/2019

Agenda II: Discussion is held on to start the start the certificate course in water quality analysis. The responsibility of such taken by HoD. After making of syllabus of such course, decided to take the permission & guidance regarding this.

Agenda II: Discussion about Chemical & Glassware stock

Discussion was held on chemical stocks & glassware breakage. HoD told to Lab Assistant & Attendant to verify the stock physically. Also make the list of chemicals required for the even semester practical's.

1) NIL
2) Mr. M.S. Patil
3) Mr. A.B. Dhenge
4) Mr. S.D. Ganolkar
5) Mr. M.D. patade
6) Mr. A.B. Gawas

Amdar Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg. Tal.Dodamarg

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Dodamarg. Tal.Dodamarg. Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

DEPARTMENT OF CHEMISTRY

NOTICE

Date-06/03/2022

All the teaching staff of chemistry hereby inform you that, department meeting will be held on 07/03/2022 at 3.00 pm in chemistry lab.

Agendas of meeting:

1) Review on syllabus completion
2) Preparation of semester end practical examination
3) Any other with the permission of chair

HOD

Head
Department of Chemistry
D.K.Sc. College Dodamarg

1) Mr. A. B. Dhenge Dhenge
2) Ms. M. S. Patil
3) Mr. S. D. Ganokar
4) Mr. S. S. patil
5) Mr. M. D. parade

Amdar. Deepakbhai Kesarkar Science College Dodamarg Tal.Dodamarg Estd. 15/6/2012 Dist.Sindhudrug

Principal
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Dodamarg. Tal.Dodamarg. Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Minutes of Meeting

Date-07/03/2022

As per department notice dated on 06/03/2022, the minutes of meeting on different agendas are as follows:

Agenda I: Review on syllabus completion

As per discussion, the tentative percentage of syllabus completion as per workload distribution is given by teachers is as follows:

Staff Name	F.Y. Bsc		S.Y. BSc		T.Y. Bsc	
	Theory	Practical	Theory	Practical	Theory	Practical
Mr.N.M.Chougale	--------	------	ChP-I 95	ChP-I 80	Chp-I 85	Chp-I 90
Mr.M.S.Patil	ChP-I 80	ChP-I 75	Chp-II 85	ChP-II 90	ChP-III 90	ChP-III 90
Mr.A.B.Dhenge	ChP-II 85	ChP-II 90	-------	-------	ChP-II 85	ChP-II 85
Mr. S.D.Gaonkar	---------	ChP-I 75	ChP-III 70	ChP-III 75	ChP-IV 80	ChP-IV 70
Mr.S.S.Patil	-------	-------	-------	----------	ChP-V 65	ChP-V 70

HoD instructed to teachers to complete the syllabus as per plan

Agenda II: Preparation of semester end practical examination

It was decided to conduct practical examination of TYBSc students as per the university schedule & FY/SY BSc practical examination commence from last week of March as per the Departmental examination schedule.

1) NM
2) Mr. M.S. Patil
3) Mr. A.B. Dhenge
4) Mr. S.D. Gaonkar
5) Mr. M.D. patade

Amdar Deepakbhai Kesarkar Science College Doadamarg Tal.Doadamarg Dist.Sindhudurg Estd. 15/6/2012

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Doadamarg, Tal.Doadamarg, Dist.Sindhudurg

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

DEPARTMENT OF CHEMISTRY

NOTICE

Date-13/06/2022

All the teaching staff of chemistry hereby inform you that, department meeting will be held on 14/06/2022 at 9.00 am in chemistry lab.

Agendas of meeting:

1) Workload distribution for academic year 2022-23
2) Departmental academic planning
3) Requirement of chemicals

HOD
Head
Department of Chemistry
D.K.Sc. College Dodamarg

1) Mr. M.S. Patil
2) Mr. A.B. Dhenge
3) Miss. P.V. Samarth
4) Miss - M.M. Seth

Amdar Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

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Amdar, Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Minutes of Meeting

Date-14/06/2022

As per department notice dated on 13/06/2022, the minutes of meeting on different agendas are as follows:

Agenda I: The Workload distributed by HOD for academic year 2022-23 is as follows,

Staff Name	F.Y. Bsc		S.Y. BSc		T.Y. Bsc		Total
	Theory	Practical	Theory	Practical	Theory	Practical	
Mr.N.M.Chougale	--------	------	ChP-I-03	ChP-I 06	Chp-I 04	Chp-I 08	21
Mr.M.S.Patil	--------	---------	Chp-II 03	ChP-II 06	ChP-III 04	ChP-III 08	21
Mr.A.B.Dhenge	ChP-II 03	ChP-II 06	-------	-------	ChP-II 04	ChP-II 08	21
Miss P.V.Samarth	---------	---------	ChP-III 03	ChP-III 06	ChP-IV 04	ChP-IV 08	21
Mrs.M.M.Seth	ChP-I 03	ChP-I 06	-------	----------	ChP-V 04	ChP-V 08	21
Total							105

Agenda II: Departmental plan for academic year 2022-23

To run the departmental activities such as practical exams, workshop, seminar & various programs, smoothly it is decided to make a plan for this academic year. The responsibility of planning is taken by HOD Mr.N.M.Chougale.

Agenda III: Requirements of chemicals & apparatus

HOD told to took the review of chemicals & practical apparatus paper wise, & report
the any requirement to lab assistant.

1) Mr N.M. chougale
2) Mr.M.S. Patil
3) Mr. A. B. Dhenge
4) Miss - P.V. samarth
5) Miss - M.M. seth.
6) Mr. M.D. patade

Amdar. Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

DEPARTMENT OF CHEMISTRY

NOTICE

Date-30/07/2022

All the staff of chemistry hereby inform you that, department meeting will be held on 31/07/2022 at 2.30 pm in chemistry lab.

Agendas of meeting:

1) Planning & work responsibility distribution of Research awareness program

2) Planning & work responsibility distribution of National Seminar

HOD
Head
Department of Chemistry
D.K.Sc. College Dodamarg

1) Mr. M.S. Patil
2) Mr. A.B. Dhenge
3) Miss - P.V. Samarth
4) Miss - M.M. Seth
5) S.B. Naik

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Minutes of Meeting

Date-31/07/2022

As per department notice dated on 30/07/2022, the minutes of meeting on different agendas are as follows:

Agenda I: Planning & work responsibility distribution of Research awareness program,

As per departmental academic planning, to improve the research interest in students research awareness program organise on 05/08/2022.The Resource person of program is Dr.Mr. Gore sir. The responsibilities of staff are as follows-

Well-Come - Mr. M.S. Patil
Department Introductory Speech –HOD Mr.N.M.Chougale
Guest Introduction- Mr.A.B.Dhenge
Vote of Thanks – Miss P.V. Samarth

Agenda II: Planning & work responsibility distribution of National Seminar

To know more about the recent developments in NEP 2020, we had planned to take the national seminar on NEP 2020. Decided to take seminar on 12/08/2022 at 10: 00 am through online mode on google meet platform. Mr.U.P.Jadhav sir will available as a resource person for this program. The responsibilities of staff are as follows-

Well-Come - Mr. M.S. Patil
Introductory Speech –HOD Mr.N.M.Chougale
Guest Introduction- Miss P.V. Samarth
Vote of Thanks –Mr.A.B.Dhenge
IT Coordinator- Mrs.M.M.Seth

1) Mr. N.M. Chougale
2) Mr. M.S. Patil
3) Miss - P.V. Samarth
4) Miss - M.M. Seth
5) Mr. A.B. Dhenge

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar. Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

DEPARTMENT OF CHEMISTRY Date-02/09/2022

NOTICE

All the teaching staff of chemistry hereby inform you that, department meeting will be held on 03/09/2022 at 11.00 am in chemistry lab.

Agendas of meeting:

1) Review on syllabus completion
2) Preparation of semester end practical examination
3) Any other with the permission of chair

HOD

Head
Department of Chemistry
D.K.Sc. College Dodamarg

1) Mr. M.S. Patil
2) Mr. A. B. Dhenge
3) Miss - P.V. Samarth
4) Miss - M.M. Seth
5) Mr. M. D. patade
6) S.B. Naik -

Amdar Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar, Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Minutes of Meeting Date-03/09/2022

As per department notice dated on 02/09/2022, the minutes of meeting on different agendas are as follows:

Agenda I: Review on syllabus completion

As per discussion, the tentative percentage of syllabus completion as per workload distribution is given by teachers is as follows:

Staff Name	F.Y. Bsc		S.Y. BSc		T.Y. Bsc	
	Theory	Practical	Theory	Practical	Theory	Practical
Mr.N.M.Chougale	--------	------	ChP-I 80	ChP-I 70	Chp-I 80	Chp-I 90
Mr.M.S.Patil	--------	---------	Chp-II 75	ChP-II 80	ChP-III 70	ChP-III 70
Mr.A.B.Dhenge	ChP-II 20	ChP-II 10	-------	-------	ChP-II 85	ChP-II 85
Miss P.V.Samarth	---------	---------	ChP-III 70	ChP-III 70	ChP-IV 80	ChP-IV 70
Mrs.M.M.Seth	ChP-I 25	ChP-I 10	-------	----------	ChP-V 65	ChP-V 70

The F.Y. B.Sc. Sem-I start in August, hence syllabus completions seems to be less.It was decided to complete the syllabus for S.Y. & T.Y. before well within the time.

Agenda II: Preparation of semester end practical examination

It was decided to conduct practical examination of TYBSc students as per the university schedule & FY/SYBSc practical examination as per the college examination schedule.

1) Mr. N. M. Chougale
2) Mr. M. S. Patil
3) Miss - P. V. samarth
4) Miss. M. M. Seth
5) Mr. M. D. parade

Principal
Amdar, Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg Estd. 15/6/2012 Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

DEPARTMENT OF CHEMISTRY

NOTICE

Date-09/11/2022

All the teaching staff of chemistry hereby inform you that, department meeting will be held on 10/11/2022 at 10.00 am in chemistry lab.

Agendas of meeting:

1) Discussion of upcoming semesters
2) Discussion about celebrating chemistry week
3) Planning for the Industrial visit

HOD

Head
Department of Chemis.
D.K.Sc. College Dodamg.

1) Mr. M.S. Patil
2) Mr. A.B. Dhenge
3) Miss. P.V. Samarth - Psamarth
4) Miss - M.M. Seth
5) Mr. S.B. Naik

Amdar Deepakbhai Kesarkar Science College Dodamarg Tal.Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Minutes of Meeting

Date-11/11/2022

As per department notice dated on 10/11/2022, the minutes of meeting on different agendas are as follows:

Agenda I: Discussion of upcoming semesters

It is decided to carry out same workload as decided in meeting of 14/06/2022

Agenda II: Discussion about celebrating chemistry week

As per departmental academic planning it is decided to celebrate chemistry week from 14/11/2022 to 19/11/2022. The planning of such program will be made by HOD & all other responsibilities is distributed between departmental teachers. This program include various activities related to chemistry subject.

Agenda II: Planning for the Industrial visit

To know of Industrial working & to get more practical knowledge Industrial visit will organised by HOD in First week of December 2022.

1) Mr. N.M. Chougale
2) Mr. M.S. Patil
3) Mr. A.B. Dhenge
4) Miss. P.V. Samarth
5) Miss. M.M. Seth

Amdar Deepakbhai Kesarkar Science College Esta. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

DEPARTMENT OF CHEMISTRY

NOTICE

Date-24/02/2023

All the teaching staff of chemistry hereby inform you that, department meeting will be held on 25/02/2023 at 1.00 pm in chemistry lab.

Agendas of meeting:

1) Celebration of Science day

HOD

Head
Department of Chemistry
D.K.Sc. College Dodamarg

1) Mr. M. S. Patil
2) Mr. A. B. Dhenge
3) Miss. P. V. Samarth
4) Miss. M. M. Seth
5) Mr. S. B. Naik

Amdar Deepakbhai Kesarkar Science College Dodamarg Esta. 15/6/2012 Dist.Sindhudrug Tal.Dodamarg

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Minutes of Meeting

Date-25/02/2023

As per department notice dated on 24/02/2023, the minutes of meeting on different agendas are as follows:

Agenda I: Celebration of Science day

To increase the knowledge & interest in primary & high school students it is decide to invite them in chemistry laboratory & demonstrate them some basic experiments which they not able to perform in their school. on the occassion of science day.

1) Mr. N.M. Chougale
2) Mr. M.S. Patil
3) Mr. A.B. Dhenge
4) Miss. P.V. Samarth
5) Miss - M.M. Seth
6) Mr. S.B. Naik

Amdar Deepakbhai Kesarkar Science College, Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

Principal
Amdar, Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

DEPARTMENT OF CHEMISTRY

NOTICE

Date-09/03/2023

All the teaching staff of chemistry hereby inform you that, department meeting will be held on 10/03/2023 at 3.00 pm in chemistry lab.

Agendas of meeting:

1) Review on syllabus completion
2) Preparation of semester end practical examination
3) Any other with the permission of chair

HOD

Head
Department of Chemistry
K.Sc. College Dodamarg

1) Mr. M. S. Patil
2) Mr. A. B. Dhenge
3) Miss. P. V. samarth
4) Miss. M. M. Seth
5) Mr. M. D. patade

Deepakbhai Kesarkar Science College
Estd. 15/6/2012
Dist. Sindhudrug

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Minutes of Meeting

Date-10/03/2023

As per department notice dated on 09/03/2023, the minutes of meeting on different agendas are as follows:

Agenda I: Review on syllabus completion

As per discussion, the tentative percentage of syllabus completion as per workload distribution is given by teachers is as follows:

Staff Name	F.Y. Bsc		S.Y. BSc		T.Y. Bsc	
	Theory	Practical	Theory	Practical	Theory	Practical
Mr.N.M.Chougale	--------	------	ChP-I 75	ChP-I 100	Chp-I 85	Chp-I 100
Mr.M.S.Patil	--------	---------	Chp-II 85	ChP-II 100	ChP-III 80	ChP-III 100
Mr.A.B.Dhenge	ChP-II 70	ChP-II 80	-------	-------	ChP-II 90	ChP-II : 100
Miss P.V.Samarth	---------	---------	ChP-III 70	ChP-III 100	ChP-IV 80	ChP-IV 70
Mrs.M.M.Seth	ChP-I 85	ChP-I 80	-------	----------	ChP-V 90	ChP-V 90

Agenda II: Preparation of semester end practical examination

It was decided to conduct practical examination of TYBSc students as per the university schedule & FY/SY BSc practical examination as per the Departmental examination schedule.

1) Mr. N. M. Chougale
2) Mr. M. S. Patil
3) Mr. A. B. Dhenge
4) Miss. P. V. samarth
5) miss M. M. Seth

Principal
Amdar Deepakbhai Kesarkar Science College
Doadamarg, Tal.Doadamarg, Dist.Sindhudurg

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudurg Doadamarg Tal.Doadamarg

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

DEPARTMENT OF CHEMISTRY

NOTICE

Date-17/04/2023

All the teaching staff of chemistry hereby inform you that, department meeting will be held on 18/04/2023 at 2.00 pm in chemistry lab.

Agendas of meeting:

1) TY B.SC. Practical examination arrangement
2) Planning for farewell program
3) Planning for arrangement of Campus interview

HOD

Head
Department of Chemistry
D.K.Sc. College Dodamarg

1) Mr. M. S. Patil
2) Mr. A. B. Dhenge
3) Miss. P. V. Samarth
4) Miss. M. M. Seth
5) Mr. M. D. patade
6) S. B. Naik

Amdar Deepakbhai Kesarkar Science College Dodamarg Estd. 15/6/2012 Dist.Sindhudrug

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Date-18/04/2023

Minutes of Meeting

As per department notice dated on 17/04/2023, the minutes of meeting on different agendas are as follows:

Agenda I: TY B.SC. Practical examination arrangement

The T.Y.B.Sc. Practical exam at our centre scheduled by university on 19/04/2023 to 21/04/2023. The Internal examiner duties is given to Mr.N.M.Chougale (Physical Chemistry) & Mr.A.B.Dhenge (Inorganic Chemistry). All other responsibilities distributed equally to other teachers

Agenda II: Planning for farewell program

Farewell program for TY student is organise on 29/04/2023 from 9:00 am to 12:00 pm

Agenda II: Planning for arrangement of Campus interview

To give the opportunities in industry for job to our students Campus Interview will be held on 29/04/2023 1:00 pm onwards. HoD communicated & invited to Sadekar Envi.Pvt.Ltd Company for campus interview.

1) Mr. N.M. chougale
2) Mr. M.S. Patil
3) Mr. A.B. Dhenge
4) Miss - P.V. samarth
5) Miss. M.M. seth
6) Mr. M.D. patade

Principal
Amdar, Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar, Deepakbhai Kesarkar, Science College
Estd. 15/6/2012
Dist.Sindhudrug
Dodamarg, Tal.Dodamarg

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

DEPARTMENT OF CHEMISTRY

NOTICE

Date-13/06/2023

All the teaching staff of chemistry hereby inform you that, department meeting will be held on 14/06/2023 at 2.00 pm in chemistry lab.

Agendas of meeting:

1) Workload distribution for academic year 2023-24
2) Departmental academic planning
3) Commencement date of certificate course in water analysis

HOD
Department of Chemistr.
D.K.Sc. College Dodamarg

1) Mr. M. S. Patil
2) Mr. A. B. Dhenge
3) Miss. Suchita Tarpe
4) Mr. M. D. patade
5) Mr. A. R. Jadhav

Amdar Deepakbhai Kasarkar Science College Dodamarg Tal.Dodamarg Estd. 15/8/2012 Dist.Sindhudrug

Principal
Amdar Deepakbhai Kasarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Minutes of Meeting Date-14/06/2023

As per department notice dated on 13/06/2023, the minutes of meeting on different agendas are as follows:

Agenda I: The Workload distributed by HOD for academic year 2023-24 is as follows,

Staff Name	F.Y. Bsc		S.Y. BSc		T.Y. Bsc		Total
	Theory	Practical	Theory	Practical	Theory	Practical	
Mr.N.M.Chougale	--------	ChP-I 06	ChP-I-03	ChP-I 06	Chp-I 04	Chp-I 08	27
Mr.M.S.Patil	ChP-I 03	---------	Chp-II 03	ChP-II 06	ChP-III 04	ChP-III 08	24
Mr.A.B.Dhenge	ChP-II 03	ChP-II 06	-------	-------	ChP-II 04 ChP-V 04	ChP-II 08	25
Mrs.S.B.Malik	---------	---------	ChP-III 03	ChP-III 06	ChP-IV 04	ChP-IV 08 ChP-V 08	29
						Total	105

Agenda II: Departmental plan for academic year 2023-24

Discussion held on departmental plan of academic year 2023-24. To run the departmental activities such as practical exams, workshop, seminar & various programs, smoothly it is decided to make a plan for this academic year. The responsibility of planning is taken by HOD Mr.N.M.Chougale.

Agenda III: Certificate course commencement date

The department of chemistry run the certificate course on water quality analysis from last two academic years to acquire the skill on the art of water monitoring & quantitative analysis of critical water quality parameters.
It is decided to start this certificate course from 15/06/2023 and complete it before starting of the regular syllabus practicals. Coordinator Mr.N.M.Chougale scheduled this activity & fix the responsibilities.

1) Mr. N.M. Chougale
2) Miss. Suchita Parpe
3) Mr. M.S. Patil
4) Mr. A.B. Dhenge
5) Mr. M.D. Patade
6) Mr. A.S. Jadhav

Date 15/6/2012 Dist. Sindhudurg

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

DEPARTMENT OF CHEMISTRY

NOTICE

Date-13/09/2023

All the teaching staff of chemistry hereby inform you that, department meeting will be held on 14/09/2023 at 3:30 pm in chemistry lab.

Agendas of meeting:

1) Planning & work responsibility distribution of Parents meeting program

2) Any other

HOD
Department of Chemistry
D.K.Sc. College Dodamarg

1) Mr. M.S. Patil
2) Mr. A.R. Jadhav
3) Miss. Suchita Parrape
4) Mr. M.D. Parade
5) Mr. A.B. Dhenge

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Minutes of Meeting Date-14/09/2023

As per department notice dated on 13/09/2023, the minutes of meeting on different agendas are as follows:

Agenda I: Planning & work responsibility distribution of Parents Meeting program,

As per departmental academic planning, to know the progress of student & also to increase the relation with community department organise the parent meet. As per department plan the parents meet is scheduled on 15/09/2023. It is decided to invite the guest speaker for such program. HoD suggest the name of Mr. Rupesh Patil sir (Bureau Chief, Maharashtra Maza News Channel). The responsibilities of staff are as follows-

Anchoring - Mr. M.S. Patil
Department Introductory Speech –HOD Mr.N.M.Chougale
Guest Introduction- Mr.A.B.Dhenge
Vote of Thanks – Mrs. S.B.Malik

Agenda II: Review on continues internal evaluation of students.

In terms of continues internal evaluation of students department had taken open book test, surprize test, assignment. Review of such internal progress is discussed in the meeting.

1) Mr. N. M. Chougale
2) Mr. A. B. Dhenge Dhenge
3) Miss. Suchita Tarape Tarape
4) Mr. M. D. Patade Patade
5) Mr. M. S. Patil
6) Mr. A. R. Jadhav

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

DEPARTMENT OF CHEMISTRY

NOTICE

Date-03/10/2023

All the teaching staff of chemistry hereby inform you that, department meeting will be held on 04/10/2023 at 3:00 am in chemistry lab.

Agendas of meeting:

1) Review on syllabus completion
2) Preparation of semester end practical examination
3) Any other with the permission of chair

HOD
Head
Department of Chemistry
D.K.Sc. College Dodamarg

1)
2) Mr. M.S. Patil
3) Mr. A.B. Dhenge
4) Miss. Suchita Dorpe
5) Mr. M.D. patade

Amdar Deepakbhai Kesarkar Science College, Dodamarg, Tal.Dodamarg, Dist.Sindhudrug. Estd. 18/6/2012

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Minutes of Meeting

Date-04/10/2023

As per department notice dated on 03/10/2023, the minutes of meeting on different agendas are as follows:

Agenda I: Review on syllabus completion

As per discussion, the tentative percentage of syllabus completion as per workload distribution is given by teachers is as follows:

Staff Name	F.Y. Bsc		S.Y. BSc		T.Y. Bsc	
	Theory	Practical	Theory	Practical	Theory	Practical
Mr.N.M.Chougale	--------	ChP-I 100	ChP-I 90	ChP-I 100	Chp-I 90	Chp-I 100
Mr.M.S.Patil	ChP-I 85	---------	Chp-II 75	ChP-II 100	ChP-III 85	ChP-III 100
Mr.A.B.Dhenge	ChP-II 78	ChP-II 100	-------	-------	ChP-II 80 ChP-V 70	ChP-II 100
Mrs.S.B.Malik	---------	---------	ChP-III 92	ChP-III 100	ChP-IV 80	ChP-IV 100 ChP-V 100

Agenda II: Preparation of semester end practical examination

The practical of FY & SY class completed in time. Hence it is decided that semester end practical examination is scheduled from second week of October.

Head
Department of Chemistry
D.K.Sc. College Dodamarg

HOD

1) Mr. M.S. Patil

2) Mr. M.D. patade

3) Miss sushita Tarpe

4) mr. A.B. Dhenge

5) mr. A.R. Jadhav

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

Amdar Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg Estd. 15/6/2012 Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

DEPARTMENT OF CHEMISTRY

NOTICE

Date-28/11/2023

All the teaching staff of chemistry hereby inform you that, department meeting will be held on 30/11/2023 at 1.00 pm in chemistry lab.

Agendas of meeting:

1) Discussion of upcoming semesters
2) Discussion about celebrating chemistry week
3) Planning for the Industrial visit

HOD
Department of Chemistry,
D.K.Sc. College Dodamarg

1) Mr. A. B. Dhenge
2) Mr. M. S. Patil
3) Miss. Suchita Tarpe
4) Mr. M. D. Parade
5) Mr. A. R. Jadhav

Amdar, Deepakbhai Kesarkar Science College & Dodamarg, Tal.Dodamarg, Dist.Sindhudrug
Estd. 15/6/2012

Principal
Amdar, Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Minutes of Meeting

Date-30/11/2023

As per department notice dated on 28/11/2023, the minutes of meeting on different agendas are as follows:

Agenda I: Discussion of upcoming semesters

It is decided to carry out same workload as decided in meeting of 14/06/2023

Agenda II: Discussion about celebrating chemistry week

As per departmental academic planning it is decided to celebrate chemistry week from 04/12/2023 to 09/12/2023. The planning of such program will be made by HOD & all other responsibilities is distributed between departmental teachers. This program include various activities related to chemistry subject.

Agenda II: Planning for the Industrial visit

To know of Industrial working & to get more practical knowledge Industrial visit will organised by HOD in Third week of December 2023.

1) Ms. N. M. Chorgale
2) Mr. M. S. Patil
3) Mrs. A. R. Dhenge
4) Mr. M. D. Parade
5) Miss. Suchita Tarpe
6) Mr. A. R. Jadhav

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

DEPARTMENT OF CHEMISTRY

NOTICE Date-10/03/2024

All the teaching staff of chemistry hereby inform you that, department meeting will be held on 11/03/2024 at 3.00 pm in chemistry lab.

Agendas of meeting:

1) Review on syllabus completion
2) Preparation of semester end practical examination
3) Any other with the permission of chair

Head
Department of Chemist
D.K.Sc. College Dodam

1)
2) Mr. M. S. Patil
3) Prof. A. B. Dhenge
4) Miss. Suchita Tarpe
5) Mr. M. D. Patade
6) Mr. A. R. Jadhav

Amdar Deepakbhai Kesarkar Science College Dodamarg Tal.Dodamarg Dist.Sindhudrug

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Minutes of Meeting Date-11/03/2024

As per department notice dated on 10/03/2024, the minutes of meeting on different agendas are as follows:

Agenda I: Review on syllabus completion

As per discussion, the tentative percentage of syllabus completion as per workload distribution is given by teachers is as follows:

Staff Name	F.Y. Bsc		S.Y. BSc		T.Y. Bsc	
	Theory	Practical	Theory	Practical	Theory	Practical
Mr.N.M.Chougale	--------	ChP-I 100	ChP-I 85	ChP-I 100	Chp-I 87	Chp-I 100
Mr.M.S.Patil	ChP-I 90	---------	ChP-II 80	ChP-II 100	ChP-III 85	ChP-III 100
Mr.A.B.Dhenge	ChP-II 90	ChP-II 100	-------	-------	ChP-II 80 ChP-V 75	ChP-II 100
Mrs.S.B.Malik	---------	---------	ChP-III 85	ChP-III 100	ChP-IV 80	ChP-IV 100 ChP-V 100

Agenda II: Preparation of semester end practical examination

It was decided to conduct practical examination of TYBSc students as per the university schedule & FY/SY BSc practical examination are scheduled from 18/03/024.

1) Mr. N.M. Chougale
2) Mrs. Suchita Pampe
3) Mr. A.B. Dhenge
4) Mr. M.S. Patil
5) Mr M.D. Patade
6) Mr. A.R. Jadhav

Estd. 15/6/2012 Dist.Sindhudrug — Amdar Deepakbhai Kesarkar Science College Dodamarg Tal.Dodamarg

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

DEPARTMENT OF CHEMISTRY

NOTICE Date-29/04/2024

All the teaching staff of chemistry hereby inform you that, department meeting will be held on 30/04/2024 at 3.00 pm in chemistry lab.

Agendas of meeting:

1) Review of last meeting
2) Review of departmental activity completion of academic year 2023-24
3) Planning for T.Y.B.Sc. Practical examination

HOD
Department of Chemistr
D.K.Sc. College Dodama

1) Mr. M. S. Patil
2) Mr. M. D. parade
3) Mr. A. B. Dhenge
4) Miss. Suchita Tarpe
5) Mr. A. R. Jadhav

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DOADAMARG

Minutes of Meeting

Date-30/04/2024

As per department notice dated on 29/04/2024, the minutes of meeting on different agendas are as follows:

Agenda I: Review of last meeting

Discussion held of Practical Examination conducted for the class F.Y. & S.Y. B.Sc. HoD told that the marks of respective exam was submitted to exam department on 27/04/2024. Also instructed to lab assistant to physically verify the stock of chemicals.

Agenda II: Discussion about Departmental Activity

Department had made a plan at the beginning of academic year 2023-24, for achieving goals & objectives. Review on departmental activity done as per plan is taken and also discuss the activity relating reports.

Agenda II: Planning for the T.Y.B.Sc. Practical examination.

The T.Y.B.Sc Sem-VI practical exam is scheduled on 02/05/2024 to 04/05/2024.HoD advised to all department staff to prepare for such exam.

HOD
Department of Chemistry
D.K.Sc. College Dodamarg

1) Mr. N. M. Chorgale
2) Mr. M. D. patade
3) Miss. Suchita Narape
4) Mr. A. B. Dhenge
5) Mr. M. S. Patil
6) A. R. Jodhav

Amdar. Deepakbhai Kesarkar Science College Dodamarg. Tal.Dodamarg Dist.Sindhudurg Estd. 15/6/2012

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

A meeting of department of Zoology staff (Teaching & Non-Teaching) was held on 16 June 2019 at 10.30 am in the department of Zoology.

The following Members were present.

1) Dr. S.V. More
2) Mr. I.A. Sawant
3) Miss. N.M. Dsouza
4) Mr. K.N. Kamble
5) Mr. M.D. Patade
6) Mr. A.B. Gawas

Proceeding of the meeting

1.) Review of the last meeting
2) Discussion about Fy, Sy and Ty result.
3) Discussion about Fy, Sy, and Ty syllabus distribution
4.) Discussion about Teaching and Non Teaching time table.
5) Discussion about departmental calender for year 2019-20.
6) Discussion about planning of Webinar/Seminar and Workshop taking in the year 2019-20.
7) Discussion about Avishkar projects.
8) Discussion about monthly teaching report.
9) Arrangement of guest lecture for students.
10) Discussion about unit test for Fy, Sy and Ty.

Head
Department of Zoology
D.K.Sc. College Dodamarg

A Meeting of department of Zoology staff (Teaching & Non-Teaching) was held on 30 Sep. 2019 at 10.13am in the department of Zoology.

The following members were present.

1) Dr. S.V. More
2) Mr J.A. Sawant
3) Mr. K.N. Kamble
4) Miss. N.M. D'souza
5) Mr. M.D. Patade
6) Mr. A.B. Gawas

Proceeding of the meeting

1) Review of the last meeting proceeding was taken
2) Discussion and allotment of the FY&SY practical Examination work
3) Discussion about unit test for FY, SY and TY students.
4) Discussion and allotment of FY and SY Second half Examination Paper Setting Work.
5) Discussion about the laboratory instrument and glass-ware for cleaning.

Head
Department of Zoology
D.K.Sc. College Dodamarg

A meeting of department of Zoology staff (Teaching & Non-Teaching) was held on 1 Jan 2020 at 10.30 am in the department of Zoology.

The Following Members were present

1) Dr. S.V. More
2) Mr. J.A. Sawant
3) Mr. K.N. Kamble
4) Miss. N.M. D'souza
5) Mr. M.D. Patade
6) Mr. A.B. Gawas

Proceeding of the meeting

1) Review of the last meeting.
2) Discussion about FY, SY and TY result.
3) Discussion about FY, SY and TY syllabus distribution.
4) Discussion about Teaching and Non-Teaching time table
5) Discussion about chemical requirement.
6) Discussion about seminar and workshop taking in the first half.
7) Discussion about TY. B.Sc projects
8) Discussion about monthly teaching reports
9) Discussion about arrangement of guest lecture for students.
10) Discussion about unit test for FY, SY and TY students.

Head
Department of Zoology
D.K. Sc. College Dodamarg

Department of Zoology

A meeting of department of Zoology staff (Teaching- & Non-Teaching) was held on 29 April 2020 in the department of Zoology. through ~~Go~~ Google meet.

The Following Members Were present.

1) Dr. S.V. More
2) Mr. J.A. Sawant
3) Mr. K.N. Kamble
4) Miss. N.M. D'Souza
5) Mr. M.D. Patade
6) Mr. A.B. Gawas

Proceeding of the meeting

1) Review of the last meeting
2) Discussion about Fy and Sy paper assessment
3) Discussion about successful completed Fy, Sy and Ty practical Exam.
4) Discussion about submission of practical and Theory marks of Fy and Sy students.
5) Discussion about assessment of ~~Fy~~ online TY Zoology Papers
6) Discussion about teaching diary submission.
7) Discussion about submission of student attendence report.
8) Discussion about Chemicals used For the current academic year.
9) Discussion about requirement of Chemicals for the next academic year.

Anna Dnyandeo Kesarkar Science College Estd. 15/6/2012 Dist. Sindhudurg Tal. Dodamarg

Head
Department of Zoology
D.K.Sc. College Dodamarg

Departmental Meeting

A meeting of department of Zoology staff (Teaching & Non-Teaching) was held on 10 Aug. 2021 at 10.30am in the department of Zoology

The following Members were present.

1) Dr. S.V. More
2) Mr. J.A. Sawant
3) Miss. S.B. Sutar
4) Miss. N.M. D'Souza
5) Mr. M.D. Patade
6) Mr. A.B. Gawas

Proceeding of the meeting.

1) Review of the last meeting proceeding was taken.
2) Discussion about FY, SY & TY sem-II/IV and VI Results
3) Discussion about FY, SY & TY workload distribution.
4) Discussion about Teaching and Non-Teaching staff; time table as per their working hours
5) Discussion about study materials like PPT, Videos and audios for teaching aids.
6) Discussion about departmental calender for academic year
7) Discussion about planning of Webinar/Seminar/Workshop taking in the academic year.
8) Discussion about monthly teaching reports.
9) Discussion about student attendence report.
10) Discussion about student research projects.
11) Discussion about unit test for FY, SY and TY students.
12) Discussion about NAAC fulfilment of the requirement.

Head
Department of Zoology

Departmental Meeting.

A meeting of department of Zoology Staff (Teaching and Non-Teaching) was held on 3 Jan. 2022 at 10.30 am in the department of Zoology.

The Following members were present

1) Dr. S.V. More
2) Mr. J. A. Sawant
3) Miss. S.B. Sutar
4) Miss. N.M. D'souza
5) Mr. M. D. Patade
6) Mr. A.B. Gawas

Proceeding of the meeting

1) Review of the last meeting.
2) Discussion about FY and SY result.
3) Discussion about FY, SY and TY workload distribution.
4) Discussion about Teaching and Non-Teaching time table.
5) Discussion about chemical requirement for current semester.
6) Discussion about Seminar and Workshop arrangement in the First half.
7) Discussion about TY.B.Sc projects
8) Discussion about arrangement of guest lecture for students.
9) Discussion about monthly teaching diary
10) Discussion about unit test For FY, SY, and TY students.

Head
Department of Zoology

Department Meeting.

A meeting of department of Zoology staff (Teaching and Non-Teaching) was held on 25 April 2022 at 10.30am in the department of Zoology.

The following members were present.

1) Dr. S.V. More
2) Mr J.A. Sawant
3) Miss. S B. Sutar
4) Miss. N.M. DSouza
5) Mr. M. D. Pofade
6) Mr. A.B. Gawas

Proceeding of the meeting.

1) Review of the last meeting.
2) Discussion about Fy and Sy paper evaluation.
3) Discussion about successful completed Fy, Sy and Ty practical exam.
4) Discussion about submission of practical and theory exam marks of Fy and Sy students
5) Discussion about paper evaluation of Ty Zoology through online mode.
6) Discussion about teaching diary submission.
7) Discussion about submission of student attendence report.
8) Discussion about chemicals used for the current academic year and also raw materials.
9) Discussion about requirement of chemicals for next academic year.

Head

Departmental Meeting.

A meeting of department of Zoology staff (Teaching & Non-Teaching) was held on 23 June 2022 at 10.30am in the department of Zoology.

The Following members were present.

1) Dr. S.V. More
2) Miss. S.B. Sutar
3) Mr. A.S. Sinari
4) Miss. A.E. Shetkar
5) Mr. M.D. Patade
6) Mr. A.B. Gawas

Proceeding of the meeting

1) Review of the last meeting
2) Discussion about FY, SY & TY results.
3) Discussion about FY, SY, & TY syllabus distribution.
4) Discussion about teaching & Non-teaching staff time table as per their working hours.
5) Preparation of study material for teaching aids.
6) Discussion about departmental calender for the current year.
7) Discussion about planning of Webinar, seminar & Workshop taking in each semester.
8) Discussion about monthly teaching report
9) Arrangement of guest lecture for students
10) Discussion about student research projects
11) Discussion about unit test for FY, SY, and TY
12) Discussion about chemical for practicals and instruments for the current academic year.
13) Discussion about NACC Fulfilment of the requirement

Esta. 15/6/2012 Dist. Sindhudrug

A meeting of department of Zoology Staff (Teaching & Non-Teaching) was held on 23 sept 2022 at 9.30am in the department of Zoology.

The following members were present.

1) Dr. S.V. More
2) Miss. S.B. Sutar
3) Mr. A.S. Sinari
4) Miss. A.E. Shetkar
5) Mr. M.D. Patade
6) Mr. A.B. Gawas

Proceeding of the meeting

1) Review of the last meeting proceeding was taken.
2) Discussion and allotment of FY & SY practical examination work.
3) Discussion about unit test for FY, SY and TY students.
4) Discussion about paper setting of FY and SY students.
5) Discussion about second half paper evaluation work.
6) Discussion about the laboratory instrument and glassware for cleaning.
7) Discussion about practical question paper setting.
8) Discussion about FY & SY theory exam paper setting.

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Head
Department of Zoology
D.K.Sc. College Dodamarg

Department Meeting.

A meeting of department of Zoology staff (Teaching and Non-Teaching) was held on 2 Jan 2023 at 9.30 am in the department of Zoology

The following members were present

1) Dr. S.V. More
2) Miss. S.B. Sutar
3) Mr. A.S. Sindri
4) Miss. A.E Shelkar
5) Mr. M.D. Patade
6) Mr. A.B. Gawas

Proceeding of the meeting

1) Review of the last meeting.
2) Discussion about FY and SY result.
3) Discussion about FY, SY & TY workload distribution.
4) Discussion about Teaching and Non-Teaching time table.
5) Discussion about chemical requirement for current semester.
6) Discussion about seminar and workshop arrangment for the First half.
7) Discussion about TY projects
8) Discussion about arrangement ~~for~~ of guest lecture for the students.
9) Discussion about monthly teaching diary
10) Discussion about unit test for FY, SY, and TY students.

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Dodamarg Tal. Dodamarg

Head
Department of Zoology

Departmental Meeting.

A meeting of department of Zoology staff (Teaching and Non-Teaching) was held on 22 March 2023 at 10.30 am in the department of Zoology.

The following members were present.

1) Dr. S.V. More
2) Miss. S.B. Sutar
3) Mr. A.S. Sinari
4) Miss. A.E. Shetkar
5) Mr. M.D. Patade
6) Mr. A.B. Gawas

Proceeding of the meeting

1) Review of the last meeting
2) Discussion about Fy and Sy paper evaluation.
3) Discussion about preparation of Ty practical exam
4) Discussion about available and non-available chemicals for practical exams
5) Discussion about teaching diary.
6) Discussion about student attendence reports
7) Discussion about Fy, Sy and Ty Paper setting.

Head
Department of Zoology

A Meeting of department of Zoology (Teaching- and Non-Teaching Staff was held on 15 June 2023 at 10-30 am in the department of Zoology.

The following members were present.

1) Dr. S.V. More
2) Miss. S.B. Sutar
3) Mr. A.S. Jinari
4) Miss. A.E. Shetkar
5) Mr. M.D. Patade
6) Mr. S.B. Naik

Proceeding of the meeting

1) The review of last meeting
2) Discussion about Fy, Sy and Ty results
3) Discussion about Fy, Sy, and Ty Syllabus
4) Discussion about teaching and Non-teaching staff time table as per their working hours.
5) Preparation of study material for teaching aids.
6) Discussion about departmental calendar for the current year
7) Discussion about planning of Webinar, Seminar and Workshop taking in each semester.
8) Discussion about monthly teaching report.
9) Arrangement of guest lecture for students
10) Discussion about student research projects
11) Discussion about unit test for Fy, Sy and Ty
12) Discussion about chemicals for practicals and instruments for the current academic year.
13) Discussion about NAAC Fulfilment of the requirement.

Head

A meeting of department of Zoology Staff. (Teaching and Non-teaching) was held on 15 Sept. 2023 at 9.30 am in the department of Zoology.

The following members were present.

1) Dr. S.V. More
2) Miss. S.B. Sutar
3) Mr. A.S. Sinari
4) Miss. A.E. Shetkar
5) Mr M.D. Patade
6) Mr. S.B. Naik

Proceeding of the meeting

1) Review of the last meeting proceeding was taken.
2) Discussion and allotment of FY and SY practical Examination work.
3) Discussion about unit test for FY, SY and TY students.
4) Discussion about paper Setting of FY and SY students
5) Discussion about Record book paper evalution work.
6) Discussion about laboratory instrument and glassware. For cleaning.
7) Discussion about Practical question paper Setting.
8) Discussion about FY, SY theory exam paper setting.

Head
Department of Zoology
D.K. Sc. College Dedamarg

Dr. Babasaheb Kesarkar Science College
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Dist. Sindhudurg
Dedamarg Tal. Dedamarg

Departmental Meeting

A meeting of department of Zoology staff (Teaching and Non-teaching) was held on 6 Jan, 2024 in the department of Zoology.

The following members were present.

1) Dr. S.V. More
2) Miss. S.B. Sutar
3) Mr. A.S. Sinari
4) Miss. A.E. Shetkar
5) Mr. M.D. Patade
6) Mr. S.B. Naik

Proceeding of the meeting

1) Review of the last meeting.
2) Discussion about FY and SY result.
3) Discussion about Teaching and Non-teaching time table
4) Discussion about chemicals requirement for current semester.
5) Discussion about Seminar and Workshop arrangement for the first half.
6) Discussion about TY projects
7) Discussion about arrangement of guest lecture for the students
8) Discussion about monthly teaching diary
9) Discussion about Unit for FY, SY and TY students.

Head
Department of Zoology
D.K Sc. College Dedamarg

Date 15/6/2012 Dist. Sindhudurg

Departmental Meeting

A meeting of department of Zoology staff (Teaching- and Non-teaching) was held on March 4, 2024 at 10.30am in the department of Zoology

The following member were present.

i) Dr. S. Y. More.
ii) Miss. S. B. Sutar. -
iii) Mr. A. S. Sinari -
iv) Ms. A. E. Shetkar -
v) Mr. M. D. Patade. -
vi) Mr. S. B. Naik. -

Proceeding of the meeting-

i) Review of the last Meeting.
ii) Discussion about FY, SY paper evaluation.
iii) Discusion about preparation of T.Y. practical exam.
iv) Discusion about available & Non- available Chemicals for practical exam.
v) Discustion about teaching diary.
vi) Discussion about student attendance report.
vii) Discussion about S.Y. And F.Y. paper setting.

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Head
Department of Zoology

Departmental Meeting.

A meeting of department of Zoology (Teaching & Non-Teaching) staff was held on 05 Nov. 2021 at 10.30 am in the department of Zoology.

The following members were present.

1) Dr. S.V. More
2) Mr. J.A. Sawant
3) Miss. S.B. Sutar
4) Miss. N.M. D'souza
5) Mr. M.D. Patade
6) Mr. A.B. Gawas

Proceeding of the meeting

1) Review of the last meeting proceeding was taken.
2) Discussion and allotment of the FY & SY practical Examination Work.
3) Discussion about unit test for FY, SY and TY students.
4) Discussion and allotment of FY and SY second half paper evaluation work.
5) Discussion about the laboratory instrument and glassware for cleaning.
6) Discussion about practical question paper setting.
7) Discussion about FY and SY theory exam paper setting

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Head
Department of Zoology

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
(AFFILLATED TO UNIVERSITY OF MUMBAI)
DODAMARG, DIST - SINDHUDURG - 416 512 (M.S)
E-mail - dkscsci@gmail.com
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Tel. No. - 02363-256755
COLLEGE CODE - 166

Date :-17/06/2019

Notice
Library Advisory Committee

Library Advisory Committee Meeting will be held on 18-06-2019 at 2.00 PM in the Principal's Cabin. All the Members are hereby requested to attend the same to discuss the following agenda.

Agenda:

- To confirm the minutes of the meeting held on 22th April 2019.
- To make the subscription of Journals/ Periodicals and newspapers.
- To prepare proposal and send it to sidhivinayak Book Bank, Mumbai for requesting purchasing science books.
- To inculcate reading habit among students organize various programmes.
- Any other matter with the permission of chair.

Members:

1. Mr. M. V. Golase	Principal And chairman of Committee
2. Mr. B.V. Rashivade	Member And Secretary
3. Dr. S.V. More	Member
4. Mr. N.M. Chougale	Member
5. Mr. P.R. Desai	Member
6. Mr. A. A. Desai	Member

Mr. B.V. Rashivade
Librarian
Amdar Deepakbhai Kesarkar Science College,Dodamarg.

Amdar. Deepakbhai Kesarkar Science College
Estd. 15/6/2012 Dist.Sindhudrug
Dodamarg, Tal.Dodamarg

MR. M. V. Golase
Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
(AFFILLATED TO UNIVERSITY OF MUMBAI)
DODAMARG, DIST - SINDHUDURG - 416 512 (M.S)
E-mail - dkscsci@gmail.com
Tel. No. - 02363-256755
ESTD. - 2012
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Minutes of Library Advisory Committee

The Library Advisory Committee Meeting was held on 18th June 2019 in the Principal's Cabin. The Following members of Library Advisory Committee were present for the meeting.

1.	Mr. M. V. Golase	Principal And chairman of Committee
2.	Mr. B.V. Rashivade	Member And Secretary
3.	Dr. S.V. More	Member
4.	Mr. N.M. Chougale	Member
5.	Mr. P.R. Desai	Member
6.	Mr. A. A. Desai	Member

The Library Advisory Committee met to discuss on the following Agenda

- To confirm the minutes of the meeting held on 22th April 2019.
  Resolution: The minutes of the previous meeting on April 2019 was read by the librarian and it was confirmed by the members.
- To make the subscription of journals/ periodicals and newspapers.
  Resolution: it was decided that the books should be purchased as per the requirement made by the teachers. The committee sanctioned the amount Rs. 10000.00 for purchasing books. The amount 5000 was sanctioned for making subscription of journals and newspapers.
- To prepare proposal and send it to sidhivinayak Book Bank, Mumbai for requesting grants for purchasing science books.
  Resolution: it was resolved that the librarian should prepare a and it should be forwarded to Sidhivinayak Book bank, Mumbai.
- To discuss on inculcating reading habit among Students.
  Resolution: The committee suggested that the various programmes should be organized such as book exhibition, book review, and book talk competition should be organized.

The meeting was ended with vote of thanks by the librarian

Mr. B.V. Rashivade
Librarian
Amdar Deepakbhai Kesarkar Science College, Dodamarg.

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MR. M.V. Golase
Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
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Date:- 24/02/2020

Notice
Library Advisory Committee

Library Advisory Committee Meeting will be held on 25-02-2020 at 12:50 PM in the Principal's cabin. All the members are hereby requested to attend the same to discuss the following agenda.

Agenda:

- To Confirm the minutes of the meeting held on 18th June 2019.
- To discuss on Report of stock verification and write of Missing books
- To discuss on weed out to mutilated and damaged books
- Any other matter with the permission of chair.

Members:

1. Mr. M. V. Golase	Principal And chairman of Committee
2. Mr. B.V. Rashivade	Member And Secretary
3. Dr. S.V. More	Member
4. Mr. N.M. Chougale	Member
5. Mr. P.R. Desai	Member
6. Mr. A. A. Desai	Member

Mr. B.V. Rashivade
Librarian
Amdar Deepakbhai Kesarkar Science College, Dodamarg.

Estd. 15/6/2012 Dist.Sindhudrug — Amdar. Deepakbhai Kesarkar Science College, Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

MR. M.V. Golase
Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
(AFFILLATED TO UNIVERSITY OF MUMBAI)
DODAMARG, DIST - SINDHUDURG - 416 512 (M.S)
E-mail - dkscsci@gmail.com
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Minutes of Library Advisory Committee

The Library Advisory Committee Meeting was held on 25th Feb., 2020 in the Principal's Cabin. The Following members of Library Advisory Committee were present for the meeting.

1. Mr. M. V. Golase	Principal And chairman of Committee
2. Mr. B.V. Rashivade	Member And Secretary
3. Dr. S.V. More	Member
4. Mr. N.M. Chougale	Member
5. Mr. P.R. Desai	Member
6. Mr. A. A. Desai	Member

The Library Advisory Committee met to discuss on the following agenda

- To confirm the minutes of the meeting held on 18th Jun, 2019.
  Resolution: The minutes of the Library Advisory Committee meeting held on 18th Jun, 2019 were confirmed.
- To discuss on Report of stock verification and write of missing books.
  Resolution: The Library has undertaken stock verification of the library books from June 2018 to March 2019. The file containing list of missing books was placed before writing off missing books as per the list given.
- To discuss on weed out of mutilated and damaged books
  Resolution: The Committee discussed on the proposal of weed out of mutilated and damaged books. The committee recommended writing off the damaged books as per the list.
- Any other matter with the permission of chair.
  Resolution: The principal suggested involve more students in the library activity for the maximum utilization of library resources.

The Meeting was ended with vote of thanks the chair

Mr. B.V. Rashivade
Librarian
Amdar Deepakbhai Kesarkar Science College, Dodamarg.

Amdar Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist. Sindhudrug Dodamarg, Tal. Dodamarg

MR. M.V. Golase
Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal. Dodamarg, Dist. Sindhudrug

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S
AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
(AFFILLATED TO UNIVERSITY OF MUMBAI)
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Date:- 12/06/2021

Notice
Library Advisory Committee

The library Advisory committee meeting is being organized on 17th June 2021 at 12.30 PM in the Principal's cabin. All the member are requested to make it convenient to attend the said meeting.

The agenda for the meeting is as following

1. To take precautions for COVID-19 pandemic
2. To discuss on library budget for the academic year 2021-22.
3. To discuss on the procurement of books for the academic year 2021-22.
4. To discuss on the subscription of journals and newspapers.
5. To discuss on the activities organized during the academic year 2021-22
6. Any other issues with the permission of chair.

Members:

1. Mr. M. V. Golase	Principal And chairman of Committee
2. Dr. S.V. More	Member
3. Mr. N.M. Chougale	Member
4. Mr.P. R. Desai	Member
5. Mr. A. A. Desai	Member
6. Mr. B.V. Rashivade	Member And Secretary

Librarian
Amdar Deepakbhai Kesarkar Science College, Dodamarg.
Mr. B.V. Rashivade
Librarian

Amdar Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudurg Dodamarg, Tal.Dodamarg

Principal
Amdar. Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug
MR. M.V. Golase
Principal

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S
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Minutes of Library Advisory Committee

The Library Advisory Committee Meeting was held on 17th June 2021 in the Principal's Cabin. The Following members of Library Advisory Committee were present for the meeting.

1. Mr. M. V. Golase — Principal And chairman of Committee
2. Dr. S.V. More — Member
3. Mr. N.M. Chougale — Member
4. Mr.P. R. Desai — Member
5. Mr. A. A. Desai — Member
6. Mr. B.V. Rashivade — Member And Secretary

The Library Advisory Committee met to discuss on the following agenda

1. To take precautions for COVID-19 pandemic
   Resolution: it was decided that the library staff should take precautions while the library circulation.

2. **TO discuss on library budget for the academic year 2021-22.**
   Resolution: The Librarian prepared budget for academic year 2021-22 and presented in the meeting. The amount 15000 was sanctioned.

3. **To discuss on the procurement of books for the academic year 2021-22**
   Resolution: It was resolved that the library should procure the books of changed syllabus as per requirement made by teachers.

4. **To discuss on the subscription of journal and newspapers.**
   Resolution: It was resolved that the librarian should make renewal of subscription of journals and newspapers.

5. **To discuss on the activities organized during the academic year 2021-22**
   Resolution: in inculcate reading habits among students, various activities should be organized by the Library Advisory Committee. On the occasion od Dr. S.R. Ranganathan birth anniversary library should organize book exhibition.

Librarian
Amdar Deepakbhai Kesarkar Science College,Dodamarg.

Mr. B.V. Rashivade
Librarian

Esta. 15/6/2012 Dist.Sindhudurg
Amdar Deepakbhai Kesarkar Science College, Dodamarg, Tal.Dodamarg

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudurg

MR. M.V. Golase
Principal

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S
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Date:- 18/06/2022

Notice
Library Advisory Committee

Library advisory committee Meeting is being organized on 19th June, 2022 at 12.00 PM in the principal cabin. All the members are requested to make it commitment to attend the said meeting.

The agenda for the meeting is as following

1. To conform the minutes of the meeting 17th June, 2021
2. To discuss on library budget for the academic year 2022-23
3. To discuss on the procurement of books for the academic year 2022-23
4. To discuss on the activities organized during the academic Year 2022-23
5. To discuss on the subscription of journals and News paper.
6. To discuss on Library software automation.
7. Any other issues with the permission of chair.

Members:

1.	Mr. M. V. Golase	Principal And chairman of Committee
2.	Dr. S.V. More	Member
3.	Mr. N.M. Chougale	Member
4.	Mr.P. R. Desai	Member
5.	Mr. A. A. Desai	Member
6.	Mr. B.V. Rashivade	Member And Secretary

Librarian
Amdar Deepakbhai Kesarkar Science College, Dodamarg.

Mr. B.V. Rashivade
Librarian

Estd. 15/6/2012 Dist.Sindhudrug

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

MR. M.V. Golase
Principal

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S
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COLLEGE CODE - 166

Minutes of Library Advisory Committee

The Library Advisory Committee Meeting was held on 19th June, 2022 in the Principal's Cabin. The Following members of Library Advisory Committee were present for the meeting.

1. Mr. M. V. Golase	Principal And chairman of Committee
2. Dr. S.V. More	Member
3. Mr. N.M. Chougale	Member
4. Mr.P. R. Desai	Member
5. Mr. A. A. Desai	Member
6. Mr. B.V. Rashivade	Member And Secretary

The library Advisory Committee met ot discuss on the following agenda

1. To conform the minites of the meeting held on 17th June 2021
   Resolution: The meeting of the previous meeting on 17th June 2021
2. To discuss on library budget for the Academic Year 2022-23
   Resolution: The librarian prepair budget for the academic year 2022-23 and presented in the meeting. The amout 25000.00 was sanctioned.
3. To discuss on the procurement of Books for the academic year 2022-23
   Resolution: It was resolved that the librarian should make renewal of subscription of Journal, News paper.
4. To discuss on the Activities organized during the Academic year 2022-23
   Resolution: To inculcate reading habits among students, various activities should be organized by the library Advisory committee.
5. To discuss on the subscription of Jourals and News paper.
   Resolution: It was resolved that the librarian should make renewal of subscription of Journal and news paper.
6. To discuss on library Automation.
   Resolution: It was resolved that the library Automation

Mr. B.V. Rashivade
Librarian

Librarian
Amdar Deepakbhai Kesarkar Science College, Dodamarg.

Amdar Deepakbhai Kesarkar Science College Dodamarg Tal.Dodamarg Dist.Sindhudrug Estd. 15/6/2012

MR. M.V. Golase
Principal

Principal
Amdar Deepakbhai Kesarkar Science College, Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
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Date:- 27/02/2023

Notice
Library Advisory Committee

The library Advisory committee meeting is being organized on 28 February 2023 at 12.30 PM in the principals cabin. All the Members are requested to make it convinced to attend the said meeting

The agenda for the meeting is an following

Agenda

1. To conform the minites of the meeting held on 17th June, 2022
2. To discuss on Report of stock verification.
3. To discuss on Library Furniture, New books, computer purchase.
4. Any other issues with the permission of chair.

Member

1. Mr. M. V. Golase	Principal And chairman of Committee
2. Dr. S.V. More	Member
3. Mr. N.M. Chougale	Member
4. Mr.P. R. Desai	Member
5. Mr. A. A. Desai	Member
6. Mr. B.V. Rashivade	Member And Secretary

Librarian
Amdar Deepakbhai Kesarkar Science College,Dodamarg.

Mr. B.V. Rashivade
Librarian

Amdar Deepakbhai Kesarkar Science College Dodamarg Tal.Dodamarg Esta. 15/6/2012 Dist.Sindhudrug

Principal
Amdar Deepakbhai Kesarkar Science College Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

MR. M.V. Golase
Principal

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
(AFFILLATED TO UNIVERSITY OF MUMBAI)
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Tel. No. - 02363-256755
COLLEGE CODE - 166

Minutes of Library Advisory Committee

The Library Advisory Committee Meeting was held on 28th Feb., 2023 in the Principal's Cabin. The Following members of Library Advisory Committee were present for the meeting.

1. Mr. M. V. Golase	Principal And chairman of Committee
2. Dr. S.V. More	Member
3. Mr. N.M. Chougale	Member
4. Mr.P. R. Desai	Member
5. Mr. A. A. Desai	Member
6. Mr. B.V. Rashivade	Member And Secretary

The library Advisory committee met to Discuss on the following agenda

1. To conform the minites of the meeting held on 18th June 2022
   Resolution: The minites of the previous meeting on 18th June 2022 was read by the Librarian and It was conformed by the member

2. To discuss on stock verification report
   Resolution: the library staff conducted stock verification and the report was put in front of the committee members.

3. To discuss on library Furnicher, Books, computer purchase.
   Resolution: The committee member recommended purchase library furniture, Table, Chair, New books, computer which is useful for the library.

4. Any other issues with the permission of chair
   Resolution: The principal suggested involve more students in the library activity for the maximum utilization of library resources.

The meeting was ended with vote of Thanks the chair.

Mr. B.V. Rashivade
Librarian
Amdar Deepakbhai Kesarkar Science College, Dodamarg.

Amdar Deepakbhai Kesarkar Science College Dodamarg Tal. Dodamarg Esta. 15/6/2012 Dist. Sindhudrug

MR. M.V. Golase
Principal
Amdar Deepakbhai Kesarkar Science College Dodamarg, Tal. Dodamarg, Dist. Sindhudrug

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AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
(AFFILLATED TO UNIVERSITY OF MUMBAI)
DODAMARG, DIST - SINDHUDURG - 416 512 (M.S)
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Date:- 16/06/2023

Notice
Library Advisory Committee

The library Advisory committee meeting is being organized on 17 June 2023 at 11.30 AM in the principals cabin. All the Members are requested to make it convinced to attend the said meeting

The agenda for the meeting is an following

Agenda

1. To conform the minites of the meeting held on 28th February, 2023.
2. To discuss on Library budget for the academic year 2023-24.
3. To discuss on the subscription of journals and newspapers.
4. To discuss on Library Furniture, New books, computer purchase.
5. To discuss on the activities organized during the academic year 2023-24
6. Any other issues with the permission of chair.

Member

1. Mr. M. V. Golase	Principal And chairman of Committee
2. Dr. S.V. More	Member
3. Mr. N.M. Chougale	Member
4. Mr.P. R. Desai	Member
5. Mr. A. A. Desai	Member
6. Mr. B.V. Rashivade	Member and Secretary

Mr. B.V. Rashivade
Librarian
Amdar Dibhanbhai Kesarkar Science College, Dodamarg.

Amdar Deepakbhai Kesarkar Science College Estd. 15/6/2012 Dist.Sindhudrug Dodamarg, Tal.Dodamarg

MR. M.V. Golase
Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S
AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE
(AFFILLATED TO UNIVERSITY OF MUMBAI)
DODAMARG, DIST - SINDHUDURG - 416 512 (M.S)
E-mail - dkscsci@gmail.com
ESTD. - 2012
Tel. No. - 02363-256755
COLLEGE CODE - 166

Minutes of Library Advisory Committee

The Library Advisory Committee Meeting was held on 17th June, 2023 in the Principal's Cabin. The Following members of Library Advisory Committee were present for the meeting.

1. Mr. M. V. Golase	Principal And chairman of Committee
2. Dr. S.V. More	Member
3. Mr. N.M. Chougale	Member
4. Mr.P. R. Desai	Member
5. Mr. A. A. Desai	Member
6. Mr. B.V. Rashivade	Member And Secretary

The library Advisory committee met to Discuss on the following agenda

1. To conform the minites of the meeting held on 28th February. 2023.
    a. **Resolution:** The minites of the previous meeting on 28th February. 2023 was read by the Librarian and It was conformed by the member
2. To discuss on Library budget for the academic year 2023-24.
    a. **Resolution:** The Librarian prepared budget for academic year 2023-24 and presented in the meeting. The amount 10000 was sanctioned.
3. To discuss on the subscription of journals and newspapers.
    a. **Resolution:** It was resolved that the librarian should make renewal of subscription of journals and newspapers.
4. To discuss on library Furnicher, Books, computer purchase.
    a. **Resolution:** The committee member recommended purchase library furniture, Chair, New books, computer which is useful for the library.
5. To discuss on the activities organized during the academic year 2023-24
    a. **Resolution**: in inculcate reading habits among students, various activities should be organized by the Library Advisory Committee. On the occasioned Dr. S.R. Ranganathan birth anniversary library should organize book exhibition
6. Any other issues with the permission of chair
    a. **Resolution:** The principal suggested involve more students in the library activity for the maximum utilization of library resources.

The meeting was ended with vote of Thanks the chair.

Mr. B.V. Rashivade
Librarian
Amdar Deepakbhai Kesarkar Science College, Dodamarg.

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MR. M.V. Golase
Principal
Amdar Deepakbhai Kesarkar Science College
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Date :- 12/04/2024

Notice

The Meeting of the Library Advisory Committee will be held on Monday 13th April 2024 at 12.00 p.m. in the Principal's Cabin. The Following are the agenda items for the discussion. Kindly make yourself available for the meeting.

- Reading and confirming the minutes of last meeting held on 17th June 2023
- To discuss on stock verification report
- Any other matter with the permission of chairperson.

1.	Mr. M. V. Golase	Principal And chairman of Committee
2.	Dr. S.V. More	Member
3.	Mr. N.M. Chougale	Member
4.	Mr. P. R. Desai	Member
5.	Mr. A. A. Desai	Member
6.	Mr. B.V. Rashivade	Member And Secretary

Mr. B. V. Rashivade
Librarian
Librarian
Amdar Deepakbhai Kesarkar
Science College,Dodamarg.

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Library Advisory Committee Minutes of the Meetings.

The Library Advisory Committee Meeting was held on 13th April 2024 in the Principal's Cabin. The Following members of Library Advisory Committee were present for the meeting.

1. Mr. M. V. Golase	Principal And chairman of Committee
2. Dr. S.V. More	Member
3. Mr. N.M. Chougale	Member
4. Mr. P. R. Desai	Member
5. Mr. A. A. Desai	Member
6. Mr. B.V. Rashivade	Member And Secretary

Mr. B. V. Rashivade, The libration and member secretary of the Library Advisory committee Welcomed all the members presented in the meeting.

Agenda: To Comfirm the minutes of the previous meeting organized on 17th June 2023
Resolution: Mr. B. V. Rashivade read out the minutes and it was confirmed by the chair.

Agenda: To discuss on stock verification report
Resolution: The library staff conducted stock verification and the report was put in front of the committee member. The committee suggested writing off the damaged and outdated books.

Mr. B. V. Rashivade
Librarian

Amdar Deepakbhai Kesarkar Science College Dodamarg Tal.Dodamarg Estd. 15/6/2012 Dist.Sindhudrug

MR. M. V. Golase
Principal

Principal
Amdar Deepakbhai Kesarkar Science College
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug