



DAPOLI EDUCATION SOCIETYS

DAPOLI URBAN BANK SENIOR SCIENCE COLLEGE DAPOLI, DIST-RATNAGIRI

(Permanently Affiliated to University of Mumbai)

DEPARTMENT OF BOTANY

SYLLABUS

CERTIFICATE COURSE IN APPLIED BOTANY

Certificate Course in APPLIED BOTANY



Sr. No.	Heading	Particulars
1	Units	4
2	Total Lectures	60
3	Total Experiments	10
4	Examination Pattern	<p>Theory: 100 marks, Time: 3 hrs</p> <p>Practical: (50 Marks)</p> <p>i. Session one- Group discussion/poster making/presentation etc. -10 marks</p> <p>ii. Session-II- Lab Experiments -30 marks</p> <p>iii. Journal-5 marks</p> <p>iv. Viva based on lab experiment-5 marks</p>
5	Passing Marks	40 %
6	Syllabus Drafting Committee	<p>➤ Coordinator: Dr. VIKRAM P.MASAL</p> <p>➤ Members :</p> <p>1)Dr.RAGHUNATH L.GHALME (H.O..D)</p> <p>2)Dr.SHRINATH KAVADE (Ex-Assitant profesers ,Lanja Arts,commerce,and science college Lanja. Green Audit consultant, pune.)</p> <p>3)Dr.RAJENDRA SHINDE (Vice Principal ,St.Xaviers college Mumbai.)</p> <p>4)Dr. PRAKASH KADLAG (Dr.Babasaheb Ambedkar College Mahad.)</p> <p>5)Mr.SHRIDHAR PAWAR (Parent Respresentatives)</p> <p>6)Prof.AJINKYA V.MULUKH</p> <p>7)Prof. NAINA P.KAMBLE</p> <p>8)Prof. AKSHYTA V.MURUDKAR</p> <p>9)Mr. VINAY SHIGVAN (Alumni Representative)</p>
6	Course Objectives	<p>1.To make the learner proficient in applying the various soft Skills</p> <p>2. Inquisition of Nursery techniques of ornamental, Herbal and medicinal plants.</p> <p>3. Learning of mushroom cultivation and marketing.</p> <p>4. Probing of Fruit processing and manufacturing of wines.</p> <p>5. Learning of plant propagation methods including, vegetative structure, cutting, Layering, Grafting and Budding.</p> <p>6. Inquisition of High-tech Horticultural production, post Harvest technology and Entrepreneurship In Horticulture.</p>

SYLLABUS

CERTIFICATE COURSE IN APPLIED BOTANY

UNIT NO.	NAME OF THE UNITS	Credits	L/ Week
I	SOFT SKILL DEVELOPMENT(15 Lect)	03 (T-02,P-01)	2
II	PROPAGATION PRACTICESS (15 Lect)		
III	MUSHROOM INDUSTRY (15 Lect)		
IV	POST HARVESTS TECHNOLOGY (15 Lect)		

UNIT-I

INTRODUCTION TO SOFT SKILLS

Soft Skills: Introduction to Soft Skills, Types of Soft Skills, Classification of Communication, Effective Communication Skills, Personality Development, poster analysis, Leadership Skills, motivation to work, goal setting, Group Discussion, Meeting Management, Adaptability & Work Ethics, social etiquettes, Developing entrepreneurship attitude (6L)

Advanced Speaking Skills, Oral Presentation, Speeches & Debates, Making Effective Presentations, Effective Résumé, Planning & Preparing;, Patterns & Methods of Presentation, Preparing for Interviews, Oral Presentation (4L)

Know Microsoft Office:- Introduction and use of Microsoft office word, excel & power point presentation (5L)

UNIT – II

NURSERY TECHNIQUES AND NURSERY PRODUCTIONS

- I) Scope and importance
- II) The role of the Nursery Workers
- III) Climatic considerations.
- IV) Types of Nursery productions: container Nursery, Field Nursery, Retail Nursery. (05 Lect.)
- V) Propagation techniques for ornamental plants.
- VI) Nursery techniques for Herbal and Medicinal plants:
 - a) cutting-root cutting stem cutting and leaf cutting, use of PGR for rooting.



- b) Layering-Definition, types, simple, compound (serpentine) air layers, mound.
- c) Grafting-Definition, advantages and disadvantages, types of grafting- whip, tongue, sides, veneer, cleft, bark, approach etc.
- d) Budding- Definition, advantages and disadvantages, Types- T-budding, shield, patch, ring budding.
- e) Specialized vegetative structures-bulbs, tubers, corms, rhizomes, roots stock, runners, offsets and suckers. (08Lect.)
- vii) Basic maintenance of Nursery. (02 Lect.)

UNIT – III

MUSHROOM INDUSTRY (15 Lect.)

- a) Cultivation methods of different types of mushrooms.
- b) Picking and packaging of mushrooms
- c) Economic importance and scope of mushroom
- d) Marketing and Economics of mushroom.

UNIT – IV

FRUIT PROCESSING TECHNOLOGY

- i) Preservation of fruits :

Drying (Dehydration)-

Natural condition-sun drying ,

Artificial drying –Hot air drying, vacuum drying, osmatically drying of fruits, freeze drying

ii) Freezing (cryogenic freezing, dehydrofreezing, freeze drying)

iii) Canning and Pickling (07 Lect.)

IV) Fruit processing of Karvand and kaju

v) Manufacturing process of wines

iv) Sugar concentrations- jams, jellies, fruit juices. (08 Lect.)

PRACTICALS**(Credits- 01)**

PRACTICAL NO.	NAME OF THE PRACTICALS
1	Propagation practices by cutting and layering methods
2	Propagation practices by budding and grafting methods
3	Nursery visit
4	Making of Spawn
5	Mushroom cultivations
6	Manufacturing of karvand jam.
7	Manufacturing of wines from kaju and karvand.
8	Visit to winery processing unit at Dr.B.S.K.K.V.Dapoli.
9	Group discussion
10	Poster making

Suggested References:-

- *Practical Gardening- peter Mchoy
- *Horticulture Principal and Practices -George Acquay
- *Post Harvest Technology and Horticulture Crops -Sharon pastor Simson
- * Food processing and Preservations -B.Sivasankar
- *Floriculture in India-G.S.Randhawa
- *Indoor Gardening- S.C.Dey

T. C. M.
Coordinator

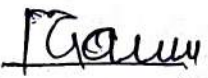
[Signature]
Head Dep. of Botany
Dapoli Urban Bank Senior Science College
Dapoli, Dist - Ratnagiri

[Signature]
Principal
Dapoli Education Society's
Dapoli Urban Bank Senior Science College
Dapoli, Dist. Ratnagiri




Dapoli Education Society's
Dapoli Urban Bank Senior Science College, Dapoli
Department of BOTANY
CERTIFICATE COURSE IN APPLIED BOTANY
LIST OF ENROLLED STUDENTS
ACADEMIC YEAR- 2020-21

Enrollment No..	Name of Student	Roll No	CLASS
CCABO 01	Arai SafaSalim	20211035	F.Y.B.Sc.
CCABO 02	DabhilkarSamiyaMahmmadSaleem	20211037	F.Y.B.Sc.
CCABO 03	DalviShifaMohmedAzim	20211038	F.Y.B.Sc.
CCABO 04	DeshmukhUmama Abdul Majid Khan	20211039	F.Y.B.Sc.
CCABO 05	KhotSadaf Khalil Ahmed	20211041	F.Y.B.Sc.
CCABO 06	Kondvilkar Aqsa Nisar	20211042	F.Y.B.Sc.
CCABO 07	KudupkarMunazzaMuktar	20211043	F.Y.B.Sc.
CCABO 08	Madre MehvishJohar	20211044	F.Y.B.Sc.
CCABO 09	MogareSushantSantosh	20211045	F.Y.B.Sc.
CCABO 10	PawarAkashShirish	20211046	F.Y.B.Sc.
CCABO 11	RakhangeRifatRiyaz	20211048	F.Y.B.Sc.
CCABO 12	Rewale Amar Suresh	20211049	F.Y.B.Sc.
CCABO 13	SatayeShiwaniSantosh	20211050	F.Y.B.Sc.
CCABO 14	ShindeGrishmaAvinash	20211051	F.Y.B.Sc.
CCABO 15	ShindeSonalPramod	20211052	F.Y.B.Sc.
CCABO 16	BhambidAditya Ashok	20211055	F.Y.B.Sc.
CCABO 17	ChavanSanikaRajendra	20211056	F.Y.B.Sc.
CCABO 18	DeokateSakshiRajendra	20211057	F.Y.B.Sc.
CCABO 19	GamreDivyaVinod	20211060	F.Y.B.Sc.
CCABO 20	GaonkarkarMubashshiraZahoor	20211061	F.Y.B.Sc.
CCABO 21	GhadgeVaishnaviRaju	20211062	F.Y.B.Sc.
CCABO 22	GhagTejas Sanjay	20211064	F.Y.B.Sc.
CCABO 23	GujarSakshi Mahesh	20211067	F.Y.B.Sc.
CCABO 24	HawaAsmina Mohammed	20211068	F.Y.B.Sc.
CCABO 25	JadhavAishwarya Vilas	20211070	F.Y.B.Sc.
CCABO 26	JadhavSanjanaSandip	20211072	F.Y.B.Sc.
CCABO 27	KadriShahinHasham	20211079	F.Y.B.Sc.


Course coordinator


Head of Botany
Dapoli Urban Bank Senior Science College,
Dapoli, Dist - Ratnagiri


Principal
Dapoli Education Society's
Dapoli Urban Bank Senior Science College
Dapoli, Dist. Ratnagiri

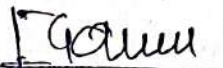
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Dapoli Urban Bank Senior Science College Dapoli.
Dist- Ratnagiri. (M.S.)


CERTIFICATE COURSE IN APPLIED BOTANY.

ACADEMIC YEAR- 2020-21

Mark Sheet (40% Passing)

Enrollment No..	Name of Student	Class	MARKS		
			T(100)	P(50)	TOTAL(150)
CCABO 01	Arai SafaSalim	F.Y.B.Sc.	79	37	116
CCABO 02	DabhilkarSamiyaMahmmadSaleem	F.Y.B.Sc.	80	39	119
CCABO 03	DalviShifaMohmedAzim	F.Y.B.Sc.	68	45	113
CCABO 04	DeshmukhUmama Abdul	F.Y.B.Sc.	76	40	116
CCABO 05	KhotSadaf Khalil Ahmed	F.Y.B.Sc.	78	42	120
CCABO 06	Kondvilkar Aqsa Nisar	F.Y.B.Sc.	74	43	117
CCABO 07	KudupkarMunazzaMuktar	F.Y.B.Sc.	76	39	115
CCABO 08	Madre MehvishJohar	F.Y.B.Sc.	76	46	122
CCABO 09	MogareSushantSantosh	F.Y.B.Sc.	72	44	116
CCABO 10	PawarAkashShirish	F.Y.B.Sc.	76	41	117
CCABO 11	RakhangRifatRiyaz	F.Y.B.Sc.	82	43	125
CCABO 12	Rewale Amar Suresh	F.Y.B.Sc.	77	39	116
CCABO 13	SatayeShiwaniSantosh	F.Y.B.Sc.	74	44	118
CCABO 14	ShindeGrishmaAvinash	F.Y.B.Sc.	70	42	112
CCABO 15	ShindeSonalPrمود	F.Y.B.Sc.	78	37	115
CCABO 16	BhambidAditya Ashok	F.Y.B.Sc.	81	39	120
CCABO 17	ChavanSanikaRajendra	F.Y.B.Sc.	67	45	112
CCABO 18	DeokateSakshiRajendra	F.Y.B.Sc.	75	40	115
CCABO 19	GamreDivyaVinod	F.Y.B.Sc.	75	44	119
CCABO 20	GaonkarkarMubashshiraZahoor	F.Y.B.Sc.	71	41	112
CCABO 21	GhadgeVaishnaviRaju	F.Y.B.Sc.	65	35	100
CCABO 22	GhagTejas Sanjay	F.Y.B.Sc.	77	44	121
CCABO 23	GujarSakshi Mahesh	F.Y.B.Sc.	67	43	110
CCABO 24	HawaAsmina Mohammed	F.Y.B.Sc.	78	37	115
CCABO 25	JadhavAishwarya Vilas	F.Y.B.Sc.	80	39	119
CCABO 26	JadhavSanjanaSandip	F.Y.B.Sc.	67	44	111
CCABO 27	KadriShahinHasham	F.Y.B.Sc.	75	40	115

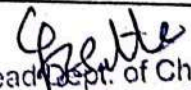

Course coordinator


Head of Depttany
Dapoli Urban Bank Senior Science College,
Dapoli, Dist - Ratnagiri


Principal
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Dapoli Education Society's
DAPOLI URBAN BANK SENIOR SCIENCE COLLEGE, DAPOLI
 DEPARTMENT OF CHEMISTRY
Add-on Course in Chemistry

Sr. No.	Heading	Particulars
1	Units	4
2	Total Theory Hours	60
3	Total Practical Hours	60
4	Examination Pattern	Theory: 50 marks, 2 hrs Practicals: (50 Marks) i. Session one- Group discussion/poster making/presentation etc. -20 marks ii. Session-II- One lab experiment -20 marks iii. Journal-5 marks iv. Viva based on lab experiment-5 marks
5	Passing Marks	40 %
6	Syllabus Drafting Committee	<ul style="list-style-type: none"> ➤ Dr. Ram Mohan, Illinois Wesleyan University, Bloomington, IL USA. ➤ Dr. Ravindra G. Deshmukh, Principal, Konkan Gnanpeeth College, Karjat ➤ Dr. Jayant Mandlik, Ex-Associate Group Leader, Toxicology, Division of Laboratory, Department of Health, City of Chicago, IL USA ➤ Dr. Ghanasham B. Sathe (Coordinator) ➤ Dr. Mrs. Ganga S. Gore ➤ Prof. Kailas V. Gandhi ➤ Prof. Santosh S Marathe ➤ Dr. Babu A. Yamgar ➤ Prof. Satish Kadam Vishwakarma Institute of Management, Khed (Alumni Representative) ➤ Mr. Ketan Shigwan (Student Representative) ➤ Mr. Prashant Pradhan (Parent Representative) ➤ Mr. Prakash Patankar, Excel Industries Ltd., Lote MIDC ➤ Mr. Nilesh Bahulekar, QC Manager, Deepak Novochem Technologies ➤ Mr. Prakash Jog, Prayatnam Multifaceted Services
6	Course Objectives	<ul style="list-style-type: none"> ● To make the learner proficient in applying the various soft Skills ● To infuse in the learner safety aspects of the various core areas of Chemistry. ● To make the learner proficient in analysing the various observations and chemical phenomena presented to him during the course. ● To make the learner aware about various possible chemical hazards and methods to tackle them. ● To give the learner an opportunity to get hands on analysing various real life samples ● To impart various skills of handling chemicals, reagents, apparatus, instruments and the care and safety aspects involved in such handling ● To make the learner capable of analysing and interpreting results of the experiments he conducts or performs


 Head, Dept. of Chemistry
 Dapoli Urban Bank Senior Science College,
 Dapoli, Dist.- Ratnagiri

Course Contents

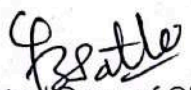
Unit	Contents	Lectures
I	<p>Introduction to Soft Skills:-</p> <p>Soft Skills: Introduction to Soft Skills, Types of Soft Skills, Classification of Communication, Effective Communication Skills, Personality Development, poster analysis, Leadership Skills, motivation to work, goal setting, Group Discussion, Meeting Management, Adaptability & Work Ethics, social etiquettes, Developing entrepreneurship attitude (6L)</p> <p>Advanced Speaking Skills, Oral Presentation, Speeches & Debates, Making Effective Presentations, Effective Résumé, Planning & Preparing;, Patterns & Methods of Presentation, Preparing for Interviews, Oral Presentation (4L)</p> <p>Know Microsoft Office:- Introduction and use of Microsoft office word, excel & power point presentation (5L)</p>	15
II	<p>Green Chemistry:</p> <p>a) Introduction, current status of chemistry and the environment, evolution of the environmental movement, public awareness, dilution is the solution to pollution, pollution prevention (2L)</p> <p>b) Need for & importance of green chemistry, principles of green chemistry with suitable examples, atom economy, E-factor and mass efficiency (4L)</p> <p>c) Green Chemistry Using Bio Catalytic Reactions, introduction, fermentation and bio transformations, production of bulk and fine chemicals by microbial fermentation, antibiotics, vitamins, bio catalyses synthesis of industrial chemicals by bacterial constructs, future trends. (3L)</p> <p>d) Greenhouse effect and Global Warming – Introduction , sources of greenhouse gases, impact of greenhouse effect on global climate, control and remedial measures of greenhouse effect (3L)</p> <p>e) Waste Electrical and Electronic Equipment:- Waste Electrical and Electronic Equipment (WEEE), the scale of problem, restriction of hazardous substances, material composition of WEEE, anticipated hazards to ecosystems, WEEE health and safety implications. (3L)</p>	15
III	<p>BASIC LABORATORY TECHNIQUES AND LAB SAFETY :</p> <p>a) Laboratory safety: Hazard classification, different hazardous materials, requirement & design of chemical storage, , hazard assessment & control, Chemical Labelling & Safety, Personal Protective Equipment, Laboratories Accidents and first aid-, Emergency Equipment & Standard Operating Procedures, chemical spill & waste management programs and systems, safety legislations in India. (4L)</p> <p>b) Real case studies of Chemical hazards- Kodaikanal mercury poisoning, pesticides and insecticides- Indian scenario, Bhopal gas tragedy, Delhi smog, (4L)</p> <p>a) Good Lab Practice(GLP)- Good laboratory Practices, Monitoring of the compliance of GLP in India, sampling Preparation for analysis - before, during and after the analysis, equipments & Glass wares - Selection, Suitability, Equipments qualification, Cleaning, Drying. (4L)</p> <p>b) Toxicity: measurements of toxicity, LD50 & LC50, MSDS, Toxic and Hazardous Substances, Pfizer solvent selection & replacement</p>	15

	<p>guide (2L)</p> <p>c) Toxic effects of 16 pollutants:- source, effects & management of arsenic, cadmium, lead, mercury, carbon monoxide, nitrogen oxides, sulphur dioxide, ozone and Peroxyacyl nitrates (PAN), cyanide, pesticides, asbestos, halogenated hydrocarbons, benzene, strong alkalis and acids (3L)</p>	
IV	<p>Chemistry of some real life samples:-</p> <p>Soil: Composition of soil, importance of soil health for plant Growth; Properties:- Physical- Water holding capacity of soil, Chemical Properties – pH, organic matter, P, K, Ca, Mg, Al, B, micronutrients, Salinity (conductivity), Organic matter, Total sulfur, Total nitrogen, Macro nutrients – Nitrogen, Effects due to its deficiency and excess quantity.</p> <p>Water: Physical and chemical parameters of water such as pH, conductivity, P, K, Ca, Mg, hardness, B, Cu, Fe, Mn, Zn, Na, S as SO₄, nitrate, fluorides, Microbiological analysis (total coliforms et <i>Escherichia coli</i>, <i>Enterococcus</i>, atypical colonies)</p> <p>Food: Chemistry of syrups, pickles, jams, vinegar, caustic soda</p> <p>Soaps and detergents: Ingredients & properties of some leading brands</p>	15

	<p>Practicals:</p> <ol style="list-style-type: none"> 1. Group discussion 2. Poster making 3. Preparation of Eco friendly pesticides from plants. 4. To determine the Chemical Oxygen Demand of the given water sample. 5. To estimate dissolved Oxygen (DO) in the waste water sample. 6. To determine the total organic content of the given water sample. 7. Determination of water holding capacity of soil 8. To determine Acidity of water titrimetrically. 9. Determination of Zn, Mn, Fe & Cu from soil 10. Determination of Boron from soil 11. Determination of Sulphur from soil 12. Determination of vinegar
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Suggested References:-

- V. Kumar, "An Introduction to Green Chemistry" Vishal publishing Co. Reprint Edition 2010 2.
- Rashmi Sanghi, M.M Srivastava "Green Chemistry" Fourth Reprint – 2009
 - Analytical & Industrial Chemistry by Naik, Vithalkar, Bajaga, Bidkan, Ghatage, Mulik
- Green Chemistry: An Introductory Text, 2nd Edition, Published by Royal Society of Chemistry, Authored by Mike Lancater
- Organic synthesis in water. By Paul A. Grieco, Blackie.
- Green chemistry, Theory and Practical, Paul T. Anastas and John C. Warner:
- New trends in green chemistry By V.K. Ahulwalia and M. Kidwai, 2nd edition, Anamaya Publishers, New Delhi
- An introduction to green chemistry, V. Kumar, Vishal Publishing Co
- Organic synthesis: Special techniques. V.K. Ahulwalia and Renu Aggarwal.


 Head Dept. of Chemistry
 Dapoli Urban Bank Senior Science Coll
 Dapoli, Dist.- Ratnagiri

Dapoli Education Society's
Dapoli Urban Bank Senior Science College, Dapoli
Dist. Ratnagiri

Certificate Course in Chemistry

Academic Year: - 2020-21

Enrollment Students List

Sr. No.	Name of student	Class	Roll number
1	Chandle Shairish A Hamid	Org. Chem.	MSO01
2	Gharatkar Sharmin A Sattar	Org. Chem.	MSO02
3	Gorivale Akash Dattaram	Org. Chem.	MSO03
4	Jamdar Nilesh Yashwant	Org. Chem.	MSO04
5	Kadam Aniket Narayan	Org. Chem.	MSO05
6	Khade Jyoti Popat	Org. Chem.	MSO06
7	Mundekar Neha Mohan	Org. Chem.	MSO07
8	Mungashe Saurabh Bibhishan	Org. Chem.	MSO08
9	Nadkar Aarati Ashok	Org. Chem.	MSO09
10	Naguthne Saniya Liyakat	Org. Chem.	MSO10
11	Namjoshi Abhishek Atul	Org. Chem.	MSO11
12	Nikam Sagar Suresh	Org. Chem.	MSO12
13	Padyal Amruta Rajaram	Org. Chem.	MSO13
14	Patil Madhuri Ganpati	Org. Chem.	MSO14
15	Shinde Amit Ankush	Org. Chem.	MSO15
16	Surve Riya Ramesh	Org. Chem.	MSO16
17	Tankar Trupti Dattatray	Org. Chem.	MSO17
18	Ambekar Saurabh Sunil	Analy. Chem.	MSA01
19	Borje Priti Dinesh	Analy. Chem.	MSA02
20	Chavan Omkar Ramchandra	Analy. Chem.	MSA03
21	Divekar Vrushali Surendra	Analy. Chem.	MSA04
22	Goud Amit Ashok	Analy. Chem.	MSA05
23	Gurav Mrunali Mahesh	Analy. Chem.	MSA06
24	Jadhav Vijay Ananda	Analy. Chem.	MSA07
25	Kadam Nitin Vijay	Analy. Chem.	MSA08
26	Kadam Rushikesh Maruti	Analy. Chem.	MSA09
27	Koli Nilesh Shankar	Analy. Chem.	MSA10
28	Maduskar Gauri Suhas	Analy. Chem.	MSA11
29	Mahadik Satyam Nitin	Analy. Chem.	MSA12
30	Mali Akshay Shashikant	Analy. Chem.	MSA13
31	Mali Vivek Uttam	Analy. Chem.	MSA14
32	Mestri Rahul Krishnat	Analy. Chem.	MSA15
33	Metkar Samidha Santosh	Analy. Chem.	MSA16
34	Nalavade Digvijay Nivrutti	Analy. Chem.	MSA17
35	Pardule Sagar Shankar	Analy. Chem.	MSA18
36	Patil Ajit Mohan	Analy. Chem.	MSA19
37	Patil Vijay Tukaram	Analy. Chem.	MSA20
38	Rahate Omkar Mohan	Analy. Chem.	MSA21
39	Rewale Shubham Sunil	Analy. Chem.	MSA22
40	Yesware Ashanka Anant	Analy. Chem.	MSA23

Dapoli Education Society's
Dapoli Urban Bank Senior Science College, Dapoli
Dist. Ratnagiri

Certificate Course in Chemistry

Academic Year: - 2020-21

List of Pass Out Student

Sr. No.	Name of student	Class	Roll number
1	Chandle Shairish A Hamid	Org. Chem.	MSO01
2	Gharatkar Sharmin A Sattar	Org. Chem.	MSO02
3	Gorivale Akash Dattaram	Org. Chem.	MSO03
4	Jamdar Nilesh Yashwant	Org. Chem.	MSO04
5	Kadam Aniket Narayan	Org. Chem.	MSO05
6	Khade Jyoti Popat	Org. Chem.	MSO06
7	Mundekar Neha Mohan	Org. Chem.	MSO07
8	Mungashe Saurabh Bibhishan	Org. Chem.	MSO08
9	Nadkar Aarati Ashok	Org. Chem.	MSO09
10	Naguthne Saniya Liyakat	Org. Chem.	MSO10
11	Namjoshi Abhishek Atul	Org. Chem.	MSO11
12	Nikam Sagar Suresh	Org. Chem.	MSO12
13	Padyal Amruta Rajaram	Org. Chem.	MSO13
14	Patil Madhuri Ganpati	Org. Chem.	MSO14
15	Shinde Amit Ankush	Org. Chem.	MSO15
16	Surve Riya Ramesh	Org. Chem.	MSO16
17	Tankar Trupti Dattatray	Org. Chem.	MSO17
18	Ambekar Saurabh Sunil	Analy. Chem.	MSA01
19	Borje Priti Dinesh	Analy. Chem.	MSA02
20	Chavan Omkar Ramchandra	Analy. Chem.	MSA03
21	Divekar Vrushali Surendra	Analy. Chem.	MSA04
22	Goud Amit Ashok	Analy. Chem.	MSA05
23	Gurav Mrunali Mahesh	Analy. Chem.	MSA06
24	Jadhav Vijay Ananda	Analy. Chem.	MSA07
25	Kadam Nitin Vijay	Analy. Chem.	MSA08
26	Kadam Rushikesh Maruti	Analy. Chem.	MSA09
27	Koli Nilesh Shankar	Analy. Chem.	MSA10
28	Maduskar Gauri Suhas	Analy. Chem.	MSA11
29	Mahadik Satyam Nitin	Analy. Chem.	MSA12
30	Mali Akshay Shashikant	Analy. Chem.	MSA13
31	Mali Vivek Uttam	Analy. Chem.	MSA14
32	Mestri Rahul Krishnat	Analy. Chem.	MSA15
33	Metkar Samidha Santosh	Analy. Chem.	MSA16
34	Nalavade Digvijay Nivrutti	Analy. Chem.	MSA17
35	Pardule Sagar Shankar	Analy. Chem.	MSA18
36	Patil Ajit Mohan	Analy. Chem.	MSA19
37	Patil Vijay Tukaram	Analy. Chem.	MSA20
38	Rahate Omkar Mohan	Analy. Chem.	MSA21
39	Rewale Shubham Sunil	Analy. Chem.	MSA22
40	Yesware Ashanka Anant	Analy. Chem.	MSA23



Dapoli Education Society's
Dapoli Urban Bank Senior Science College, Dapoli

CERTIFICATE

Certificate Course

This is to certify that _____ has completed Certificate Course in Chemistry with “___” grade in academic year 2020-21 held at Dapoli Urban Bank Senior Science College, Dapoli and conducted by Department of Chemistry.

Course Co-ordinator

Certificate Course in Chemistry

Principal

Dapoli Urban Bank Senior Science College



Dapoli Education Society's
Dapoli Urban Bank Senior Science College, Dapoli

Department of Commerce

Skill-based course

Title: How to crack the interview?

25th January, 2021 to 31st January, 2021

Course schedule

Skill based Course schedule			
Time	Date	Day	Mentor name
04.00 PM- 05.15 PM	25-01-2020	Monday	Mr. Abhay Deodhar
	27-01-2020	Wednesday	Mr. SumantJuvekar
	28-01-2020	Thursday	Mrs. Sandhya Khan
	29-01-2020	Friday	Mr. Abhijeet Sahasrabudhe
	30-01-2020	Saturday	Mr. Amogh Soman & Mr. Dhaval Soman

Basic Format for The Session of The Day

Time	Topic	Resource person
4.00 PM to 4.05 PM	Introduction of resource person	Asst. Prof. Rujuta Joshi
4.05 PM to 5.00 PM	Topic for that day	Keynote speaker of that day
5.00 PM to 5.10 PM	Question Answer session	keynote speaker of that day
5.10 PM to 5.15 PM	Vote of Thanks	Faculty of Commerce Department

Syllabus for the skill-based course:

Topic no.	Topic
1	Interview Skills/ email-writing skills
2	Professionalism/ Work Etiquettes
3	Resume Preparation
4	Presentation skill
5	Group Discussion & Facing work environment



Online short-term skill-based course on – “How to crack the interview” was held for students by Commerce department from 25th January, 2021 to 31st January, 2021. The attendance for the same is given below:

Students' Attendance:

Name	Roll Number
AgreHemali Sanjay	21225001
Agre Shruti Shyam	21225002
Ambekar Sahil Rajendra	21225003
Antule Manal Iqbal	21225004
Antule Zaid Gaus Mohammad	21225005
Arai Aqsa Ashfaque	21225006
BaigAteequeur Rehman A Qayyum	21225007
Barde Iqra Iqbal	21225008
BharmeAsmita Mohan	21225009
Bothare Abhishek Rajaram	21225010
Chiktey Nawab Dawood	21225011
ChiplunkarIftisam Aslam	21225012
DabirMadiha Muzaffar	21225013
Dabholkar Akash Rajendra	21225014
Dafedar Aman Abdul Rauf	21225015
Deshmukh Razin Rafik	21225016
Dudham Avantika Devendra	21225017
Gaikwad Siddhesh Sanjay	21225018
Gorivale Vinayak Rajendra	21225019
Guhagarkar Siddhi Sandesh	21225020
GuravDivya Laxman	21225021
Gurav Shraddha Rajendra	21225022
Harawade Nikhil Nagesh	21225023
Jadhav Rahul Sunil	21225024
Jadhav Siddhesh Prakash	21225025
Jadhav Suraj suryakant	21225026
JalgaonkarAsmitaAvinash	21225027
Jamadar Swaliha Riyaz	21225028
Joshi Ambar Vaibhav	21225029
Kadam Shruti Raju	21225030
KalsekarMariya Ibrahim	21225031
Kashte Prachi Uday	21225032
KaziFardin Gulam Husain	21225033
KaziRuhaan Rafique	21225034
khadapkar Maithili Mahendra	21225035



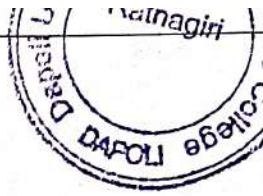
KhaleAkshata Ankush	21225036
KhaleZuima Irshad	21225037
KhotUmera Usman	21225038
KokatelqraAshfque	21225039
KondvilkarAifa Saeed	21225040
KotwalkarFaizan Imran	21225041
KulabkarAlfiya Mukhtar	21225042
KuleDikshita Nitin	21225043
Lovare Shubham Sunil	21225044
Maheskar Aman Iqbal	21225045
Malusare Amruta Anant	21225046
MandavkarSanjivaniShantaram	21225047
ManiyarUmema Nadir	21225048
Mirgal Shruti Shyam	21225049
MirkarNuhid Irfan	21225050
Mohite Chirag Vilas	21225051
More Payal Vilas	21225052
Mukadam Khalid Inayat	21225053
MukadamUzma Wasif	21225054
Muknak Ankita Raghunath	21225055
Mulla IqraZahur	21225056
Mulla Junaid Khalid	21225057
Mulla Neha Aslam	21225058
Mulukh Manjushri Suresh	21225059
NandgaonkarMehrin Mehboob	21225060
NandgaonkarReeba Jalil	21225061
Nivankar Kaivalya Vivek	21225062
PalnakTanzila Tajuddin	21225063
Patel Muskan Maqsood	21225064
Pathan MahekTanzeem	21225065
Patil Onkar Dinesh	21225066
Pawar Nitesh Siddhrath	21225067
Pedekar Saniya Illyas	21225068
Petkar Imad Iqbal	21225069
PetkarMuskan Abdul Rehman	21225070
Qazi Arfat Azim	21225071
RohilkarShrutijaJayrath	21225072
SabalePritish Dinesh	21225073
SahiboleHarisDilawar	21225074
Sakahrkar Swarup Santosh	21225075
SakharkarNafiya Nisar	21225076



Satarkar Afreen Murad	21225077
Sawant Saeed Madhukar	21225078
Sawant Sagar Vishwanath	21225079
Shahaji Hasan Shubhaktgin	21225080
SolkarSaloni Ramchandra	21225081
SolkarUzaif Azim	21225082
TalgharkarMuskanMuzaffa	21225083
Tambe Yogita Mangesh	21225084
Tamhankar Shraddha Sanjay	21225085
Vartak Nupur Subhash	21225086
WadakeVaibhavi Suresh	21225087
Yadav Mihir Milind	21225088
YelveSnehalKalamkar	21225089
AinarkarMuaaz Mohsin	21222001
Arai Atik Khalil	21222002
BendalDeven Uday	21222003
Bhuwad Shubham Suhas	21222004
Borkar shreyas Umesh	21222005
Chawoos Anas Riyaz	21222006
DhotreShriya Anil	21222007
Gadade Sahil Shirish	21222008
Govale Deep Rajendra	21222009
Kodere Dipak Dhondu	21222010
MahadikSatendra Anant	21222011
ParateMrunali Narendra	21222012
Pawar Pratik Vijay	21222013
Rumaney Khattab Mehmoob	21222014
Sawant Surendra Sajnay	21222015
Tabib Dipesh Ramesh	21222016
Ambhore Akanksha Kiran	21222017
Chavan Sanika Rajendra	21222018
GamreDivya Vinod	21222019
GaonkarkarMubassira Zahoor	21222020
GhagTejas Sanjay	21222021
GodbaKaikasha Shabbir	21222022
HawaAsmina Mohammad	21222023
Jadhav Snehal Sanjay	21222024
Kadam Priya Kashinath	21222025
Kadri Shahin Hasan	21222026
Kalaskar Sayuri Sanjay	21222027
Kamble Aniket Dinkar	21222028



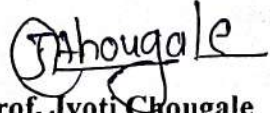
KanhekarPratiksha Pradip	21222029
KatkarPriti Uday	21222030
KhaleMrunaliDattaram	21222031
Mahadik Anisha Anant	21222032
Mahajan Mansi Rajendra	21222033
MahakalPrathamesh Samir	21222034
MasurkarShgufta Mustafa	21222035
Mhabdi Saurabh Santosh	21222036
MhadePranjali Pradip	21222037
Nambiar Lavanya Laxman	21222038
Oak Sanika Sanjay	21222039
Palshetkar Sahil Rajendra	21222040
Petkar Furkan Bashir	21222041
PetkarZiba Ibrahim	21222042
Rakhange Jamila Hanif	21222043
Sawant Tejas Pandurang	21222044
Savant Tejas Prabhakar	21222045
ShigvanPranjali Arjun	21222046
Shigwan Mansi Madhukar	21222047
Shinde Sonal Pramod	21222048
Tetwalkar Nishad Naseer	21222049
Vedak Raj Pankaj	21222050
AkbaniFizaAbdulrazzak	21222051
Arai Safa Salim	21222052
ChickteyMisba Hanif	21222053
Dabhilkar Samiya Mahmmad Saleem	21222054
Dalvi Shifa Mohmed Azim	21222055
Deshmukh Umama Abdul Majid Khan	21222056
KhotAfifa Yunus	21222057
Khot Sadaf Khalil Ahmed	21222058
Kondvilkar Aqsa Nisar	21222059
KudupkarMunazza Mukhtar	21222060
Madre MehvishJohar	21222061
Mogare Sushant Santosh	21222062
Pawar Akash Shirish	21222063
Rakhange Rifat Riyaz	21222064
Rewale Amar Suresh	21222065
SatayeShiwani Santosh	21222066
Shinde GrishmaAvinash	21222067
Shinde Pranali Santosh	21222068
Shivade Sakshi Dhananjay	21222069



BodasKrutarth Prasad	21222070
DingankarHuzefa Abdul Hamid	21222071
Golambade Yash Rajendra	21222072
Kelkar Divya Hemant	21222073
KotlukkarRushikesh Anil	21222074
Majgaonkar Aqsa Sameer	21222075
ManiyarAfsana Moazzam	21222076
MatwankarAyyan Naushad	21222077
MungruskarUzma Javeed	21222078
Patil shivtej Shivaji	21222079
RohilkarShriraj Shashikant	21222080
Temkar Kajal Ramesh	21222081
Bhambid Aditya Ashok	21222082
Deokate Sakshi Rajendra	21222083
Ghadge Vaishnavi Raju	21222084
Gujar Sakshi Mahesh	21222085
HodekarNaufiz Azeem	21222086
Jadhav Aishwarya Vilas	21222087
Jadhav Sanjana Sandip	21222088
Kadu Shrutika Vijay	21222089
KanhekarPranoti Pravin	21222090
KhambalSanjan Ravindra	21222091
Khan Amara Aslam	21222092
KharatPradnya Sunil	21222093
KovaleAnuksha Yogesh	21222094
Kulkarni Suyash Shailesh	21222095
ManiyarMisba Zaheer	21222096
ManiyarMubashira Asif	21222097
More Akshta Santosh	21222098
MullajiKudsiyaGiyasuddin	21222099
NaguthaneSalwa Shaukat	21222100
Pechkar Salma Nasir	21222101
Petkar Aqsa Sayeed	21222102


Principal

Dapoli Education Society's
Dapoli Urban Bank Senior Science College
Dapoli, Dist. Ratnagiri


Asst. Prof. Jyoti Chougale

(H.O.D.)

Commerce department

Dapoli Urban Bank Senior Science College, Dapoli

Department of Computer Science

Add on Course- "Web Designing and Technology"

Subject: Computer Science

Syllabus

Unit	Topics	No. of Lectures + practicals
I	Fundamentals of Computer : Number system, Boolean Algebra, Logic gates, introduction to computer hardware components, Operating system,	15L+10p
II	Html, CSS, Javascript, and php : Introduction to html, creating static webpages, HTML tag reference, using html, using stylesheets, types of CSS, using JavaScript for Client side validation, getting dynamic using PHP	15L+10p
III	E-Commerce: History of E-Commerce ,Definition of of E-Commerce ,Scope of of E-Commerce ,Benefits of E-Commerce, Disadvantages of E-Commerce ,Issues of E-Commerce Application of E-Commerce, Types Of of E-Commerce, Payment Gateways, Security	15L



Head
Department of Computer Science
Dapoli Urban Bank Senior Science
College, Dapoli, Ratnagiri-415 712

Dapoli Education Society's

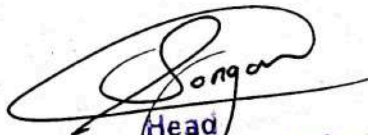
Dapoli urban Bank Senior Science College, dapoli

Department of Computer Science

List of Students enrolled for year 2020-21

Add On Course- Web Designing and Technology

Sr. No.	Name of student	Roll No.	Class
1	Gawandi Maaz Mushtaque	20212001	SYBSc
2	Joshi Anagha Prakash	20212002	SYBSc
3	Kelaskar Shubham Bhushan	20212003	SYBSc
4	Memon Fiza Ashraf	20212004	SYBSc
5	Pawse Swastik mahendra	20212005	SYBSc
6	Raghuvir Siddhesh Rajaram	20212006	SYBSc
7	Shaikh Muarif Mumtazaalam	20212007	SYBSc


Head
Department of Computer Science
Dapoli Urban Bank Senior Science
College, Dapoli, Ratnagiri-415 712

Dapoli Education Society's

Dapoli urban Bank Senior Science College, dapoli

Department of Computer Science

Result for year 2020-21

Add On Course- Web Designing and Technology

Sr. No.	Name of student	Roll No.	Grade
1	Gawandi Maaz Mushtaque	20212001	B
2	Joshi Anagha Prakash	20212002	A+
3	Kelaskar Shubham Bhushan	20212003	A
4	Memon Fiza Ashraf	20212004	A+
5	Pawse Swastik mahendra	20212005	B
6	Raghuvir Siddhesh Rajaram	20212006	A+
7	Shaikh Muarif Mumtazaalam	20212007	A+



Head
Department of Computer Science
Dapoli Urban Bank Senior Science
College, Dapoli, Ratnagiri-415 712



Dapoli Education Society's

Dapoli Urban Bank Senior Science College, Dapoli

CERTIFICATE

Skill Development Course

This is to certify that _____ has completed Skill Development Course in Computer Science entitled as "Web Designing and Technology" with "___" grade in academic year 2020-21 held at Dapoli Urban Bank Senior Science College, Dapoli and conducted by Department of Computer Science.

Course Co-ordinator

Web Designing and Technology

Principal

Dapoli Urban Bank Senior Science College

**Dapoli Education Society's
Dapoli Urban Bank Senior Science College, Dapoli
Department of Microbiology**

Soft skill course- Laboratory skills and Microbiology

The laboratory skills programme is designed and delivered by real scientists to provide science students with an opportunity to gain hands on experience using real laboratory equipment. This course is frequently attended by undergraduates studying students who need some additional laboratory skills before starting an honor's project.

The course is often also attended by undergraduates who wish to gain a better understanding of laboratory procedure before making an application for post graduate study.

The laboratory skills programme runs from 9:30am – 4pm for 5 consecutive days and provides practical laboratory based training delivered by Microbiology faculties.

We teach at a very low student to tutor ratio meaning that students are supervised and encouraged throughout their course. We ask students to design their own experiments and allow students to make (safe) mistakes and learn from these. We believe this helps students to develop independent research skills and gain confidence in their own ability in the laboratory.

Days	Content
Day 1 - Laboratory Introduction:	<ul style="list-style-type: none"> ❖ Laboratory Health and Safety including Risk Assessments and COSHH ❖ Pipetting ❖ Balances ❖ Molar equations ❖ pH meters ❖ Plate readers ❖ Data analysis including standard curves ❖ Laboratory note book maintenance ❖ Laboratory maintenance
Day 2 Basic technique	<ul style="list-style-type: none"> ❖ Students learn aseptic technique, working with Microorganism. ❖ staining procedures with principals.
Day 3 Investigation of Bacteria	<ul style="list-style-type: none"> ❖ Investigate bacteria in environmental samples. During these days students will become more autonomous in their work, autoclaving their own media and biohazard waste, and trouble- shooting their experimental designs.
	To perform the skills they learned on 3 days to

Day 4 Nano-Toxicology	investigate the effect of toxic Nano-materials on living things.
Day 5 - Career Development Workshop, Student Presentations and Certifications:	<ol style="list-style-type: none"> 1. Career Development Workshop <ul style="list-style-type: none"> ❖ Students will learn about the many internship and funding opportunities available to undergraduate science students. This will allow students to build on laboratory experience gained during this residential course and further their scientific careers. 2. Student Presentations <p>At the end of the course students will present one of their experiments to the rest of the group in a formal presentation session. The audience will be able to ask questions and provide an opportunity for students to show what they have learned during the course of the week.</p>

Prave

Teacher - in - Charge

[Signature]

Head, Dept. of Microbiology
Dapoli Urban Bank
Senior Science College
Dapoli, Dist. Ratnagiri

[Signature]

Principal
Dapoli Education Society's
Dapoli Urban Bank Senior Science College
Dapoli, Dist. Ratnagiri.

**Dapoli Education Society's
Dapoli Urban Bank Senior Science College, Dapoli
Department of Microbiology**

Soft skill course- Laboratory skills and Microbiology

Department of microbiology and IQAC is going to organizing online skill-based course in Laboratory skills and Microbiology for the duration of five days. The course will be held from 22th Feb 2021 to 27th Feb, 2021 for the duration of three hour each day. The course content would be as follows;

Sr. no	Matter /topics	Student task
1	Laboratory Introduction	At the end of the course students will present one of their experiments to the rest of the group in a formal presentation session.
2	Basic technique	
3	Investigation of Bacteria	
4	Nano-Toxicology	
5	Career Development Workshop, Student Presentations and Certifications	

Registration link to join this course is-
<https://forms.gle/ieVD8VHC6KTbJqzE6>

Link to join the whatsapp's group –
<https://chat.whatsapp.com/FpCPOvDPHOw28HxoltEi9R>

For any query or information details, please contact –
Miss. Patil P.S - 9096158351
Miss. Salvi P.S- 8975782848

Patil

Teacher In-Charge

Patil
Head of Department

Head, Dept of Microbiology
Dapoli Urban Bank
Senior Science College
Dapoli, Dist. Ratnagiri


Salvi
Principal


Principal
Dapoli Education Society's
Dapoli Urban Bank Senior Science College
Dapoli, Dist. Ratnagiri

**Dapoli Education Society's
Dapoli Urban Bank Senior Science College, Dapoli
Department of Microbiology
Time Table**

Soft skill course- Laboratory skills and Microbiology

Sr. No	Matter /topics	Name of teachers	Time	Date
1 Day	Laboratory Introduction	Miss. Karve M. A	2.00 pm to 5.00 pm	22/02/2021
2 Day	Basic technique	Miss. Salvi P.S	2.00 pm to 5.00 pm	23/02/2021
3 Day	Investigation of Bacteria	Miss. Patil P.S	2.00 pm to 5.00 pm	24/02/2021
4 Day	Nano-Toxicology	Miss. Karel A	2.00 pm to 5.00 pm	25/02/2021
5 Day	Career Development Workshop, Student Presentations and Certifications	Miss. Phadake G.S	2.00 pm to 5.00 pm	26/02/2021


Teacher In-Charge


Head of Department
Head, Dept. of Microbiology
Dapoli Urban Bank
Senior Science College
Dapoli, Dist. Ratnagiri

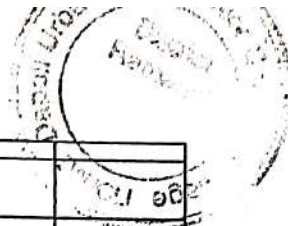


Dapoli Education Society's
Dapoli Urban Bank Senior Science College, Dapoli
Department of Microbiology
Soft skill course- Laboratory skills and Microbiology

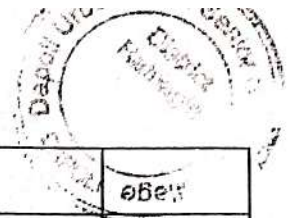
Present sheet-2020-21

Sr.no.	Name of student	Roll number	22/02/2021	23/02/2021	24/2/2021	25/02/21	
1	Bhosle Amita S.	20213029		(A)			
2	Chiplunkar Lubna A.	20213030		P		P	
3	Chougale Farha D.	20213031		(A)			
4	Dalvi Shivani A.	20213032		(A)			
5	Divekar Janhavi S.	20213033		(A)			
6	Gorivale Sakshi S.	20213034		P			
7	Jadhav Aishwarya C.	20213035	P	(A)			
8	Kondvilkar Tagreed A.	20213036	P	P	P		
9	Makhzankar Haifa I.	20213037		P			
10	Mamtule Ruksar K.	20213038		(A)			
11	Mohite Vishwal V.	20213039		(A)			
12	More Manasi M.	20213040		P			
13	More Swetambari R.	20213041	P	P	P	P	
14	Nandgaonkar Sadaf J.	20213042		(A)			
15	Nimbalkar Swarangi S.	20213043		(A)			
16	Pate Shamal P.	20213044	P	(A)			
17	Powar Varsha S.	20213045	P	(A)		P	
18	Rasal Sulbha S.	20213046	P	P			
19	Warke Darshana S.	20213047	P	(A)			

20	Adrekar Tazmeen I.	20212032					
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21	Baikar Maithili P.	20212033		(A)			
22	Bandre Priya P.	20212034	P	(A)			
23	Barde Sharifa H.	20212035	P	P			
24	Bhagane Trupti T.	20212036	P	(A)			
25	Chiplunkar Wafa S.	20212037	P	(A)		P	
26	Devkar Shruti S.	20212038		(A)			
27	Fadnis Afifa I.	20212039	P	P	P	P	
28	Gurav Tanvi P.	20212040	P	P	P		
29	Hasba Safa S.	20212041	P	P	P	P	
30	Joshi Gayatri M.	20212042	P	P	P	P	
31	Joshi Sahil S.	20212043		(A)			
32	Karawade Damini S.	20212044		(A)			
33	Manjarekar Sakshi S.	20212045	P	(A)		P	
34	More Mrunali V.	20212046		P			
35	More Riya B.	20212047	P	P			
36	More Trupti B.	20212048	P	(A)			
37	Parkar Aliza S.	20212049	P	P	P	P	
38	Prasade Manasi U.	20212050	P	P		P	
39	Ramane Priyanka P.	20212051	P	P	P	P	
40	Rumani Alfiya A.	20212052	P	P	P	P	
41	Sagvekar Diksha D.	20212053	P	P	P	P	
42	Satarkar Ashwini J.	20212054	P	(A)			
43	Surve Anushka M.	20212055		(A)			
44	Zagade Madhura S.	20212056	P	(A)			



45	Arai Safa S.	20211035		(A)			
46	Chicktey Misba H.	20211036		P			
47	Dabhilkar Samiya M.	20211037	P	P	P	P	
48	Dalvi Shifa M.	20211038		(A)			
49	Deshmukh Umama A.	20211039		(A)	P		
50	Godba Kaikasha S.	20211040	P	P			
56	Khot Sadaf K.	20211041	P	(A)	P	P	
57	Kondvilkar Aqsa N.	20211042		(A)			
58	Kudupkar Munazza M.	20211043	P	P		P	
59	Madre Mehvish J.	20211044		(A)			
60	Mogare Sushant S.	20211045	P	P			
61	Pawar Akash S.	20211046	P	(A)			
62	Rakhange Jamila H.	20211047		P		P	
63	Rakhange Rifat R.	20211048	P	(A)			
64	Rewale Amar S.	20211049		P			
65	Sataye Shiwani S.	20211050	P	P	P	P	
66	Shinde Grishma A.	20211051	P	P	P		
67	Shinde Sonal P.	20211052	P	P	P		
68	Khot Afifa Y.	20211144		(A)		P	
69	Akbani Fiza A.	20211145	P	P	P	P	
70	Papa Umera A.	20211149		(A)			
71	Khan Sahar S.	20211151		(A)			
72	Shinde Pranali S.	20211153	P	P	P	P	

Prasid
Teacher In charge

Prasid
Head, Dept. of Microbiology
Dapoli Urban Bank
Senior Science College
Dapoli, Dist. Ratnagiri

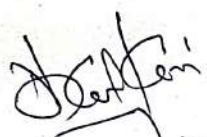
Dapoli Urban Bank Senior Science College, Dapoli

Department of Physics

Skill Based Certificate Course – 'Semiconductor Devices'

Syllabus

Name of Department	Computer Science
Course Title	Skill Based Certificate Course – 'Semiconductor Device'
Duration	6 Days
Eligibility	H.S.C.
Objectives	<ol style="list-style-type: none">1. To Understand the concepts Semiconductor2. Identify the mechanism for current flow in PN junction devices3. Determine the electrical characteristics such as LED
Desired Outcomes	<ol style="list-style-type: none">1. Learner will acquire Knowledge about semiconductor devices and technology2. Learner will able to identify the types of diodes with their characteristics
Course Content	P and N type Semiconductor and their types P and N type material PN junction diode Different type of diode Light Emitting Diode (LED)



Head Dept. of Physics
Dapoli Urban Bank Senior Science College
Dapoli, Dist. Ratnagiri

Schedule of The Course

Day and Date	Time	Topic	Resource Person
4/02/2021, Thursday	2 PM to 5 PM Online	Semiconductor Material: P type Material N type Material Properties of Semiconductor material	Mr. Kulkarni D. D.
05/02/2021, Friday	2 PM to 5 PM Online	P – N Junction What is Diode? PN Junction diode	Mr. Kulkarni D. D.
06/02/2021, Saturday	2 PM to 5 PM Online	Different Types of Diodes	Mr. Nandiskar Aniket
11/02/2021, Thursday	2 PM to 5 PM Online	Applications of Semiconductor Diodes	Mr. Nandiskar Aniket
12/02/2021, Friday	2 PM to 5 PM Online	Light Emitting Diode (LED)	Mr. Vishvesh Joshi
13/02/2021, Saturday	2 PM to 5 PM Online	Presentation by students Question-Answers Group Discussion	Mr. Vishvesh Joshi


Dapoli Urban Bank Senior Science College, Dapoli
Department. Of Physics
Skill based Certificate Course- Semiconductor Devices
Year 2020-21
Enrolled Students List

sr. no	Name of the students	Roll No.
1	Adurkar Rutik Bharat	20212008
2	Akbani Alfiya A Karif	20212009
3	Burondkar Ayeshabibi Shabir	20212010
4	Burondkar Bushara Irphan	20212011
5	Chiplunkar Muskan Rafique	20212012
6	Jakhal Rohit Rajendra	20212013
7	Khalfe Misba Siddique	20212014
8	Mamtule Alfiya Mehboob	20212015
9	Mamtule Shaikh Hasan Inayatulla	20212016
10	Mujawar Owais Rizwan	20212019
11	Pakhare.Parikshit.Chandrashekhar	20212021
12	Nandgaonkar Mehvish Mukhtar	20212020
13	Pechkar Saima Mohamed Shaukat	20212024
14	Pechkar Sumaiya Mohamed Shaukat	20212025
15	Vaishampayan Chinmay Umesh	20212030


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Skill Based Course in Value Added – LED Projects**S.Y.B.Sc. ONLINE Attendance FEBRUARY 2021**

sr. no	Name of the students	Roll No.	4	5	6	11	12	13	Total
1	Adurkar Rutik Bharat	20212008	P	P	P	P	P	P	6
2	Akbani Alfiya A Karif	20212009	P	P	P	P	P	A	5
3	Burondkar Ayeshabibi Shabir	20212010	P	A	P	P	P	P	5
4	Burondkar Bushara Irphan	20212011	P	P	P	P	P	P	6
5	Chiplunkar Muskan Rafique	20212012	A	P	P	P	P	P	5
6	Jakhal Rohit Rajendra	20212013	P	A	A	P	P	A	3
7	Khalfe Misba Siddique	20212014	P	P	P	P	P	P	6
8	Mamtule Alfiya Mehboob	20212015	P	P	P	P	P	P	6
9	Mamtule Shaikh Hasan Inayatulla	20212016	P	P	P	P	P	P	6
10	Mujawar Owais Rizwan	20212019	P	P	P	P	P	P	6
11	Pakhare.Parikshit.Chandrashekhar	20212021	P	P	P	A	P	P	4
12	Nandgaonkar Mehvish Mukhtar	20212020	P	P	P	P	P	P	6
13	Pechkar Saima Mohamed Shaukat	20212024	P	P	P	P	P	P	6
14	Pechkar Sumaiya Mohamed Shaukat	20212025	P	P	P	P	P	P	6
15	Vaishampayan Chinmay Umesh	20212030	P	P	P	P	P	A	5


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Dapoli Education Society's

Dapoli Urban Bank Senior Science College, Dapoli, District-Ratnagiri

Department of Zoology

Skills Based Course in Value-added Fish Products (contnue)

Syllabus


Name of the Department	Zoology of Zoology
Course Name	Skills Based Course in Fish Products and Value-added Products
Duration	05 Days
Eligibility	H.S.C.
Objectives	<ol style="list-style-type: none">1. To introduce Value-added fish products to the learners.2. To impart skills of preparation value added fish products.
Desired Outcome	<ol style="list-style-type: none">1. Learner will get information about Value-added products.2. Lerner will acquire skills of preparation of value added fish products
Course Content	<ol style="list-style-type: none">1. Introduction to sea food dishes2. Preparation of Prawn pickle3. Preparation of Fish burger4. Preparation of Fish Finger5. Fish cutlet

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Schedule of the Course

Date and Day	Time	Topic	Resource Person
15/03/2021 Monday	02.00 to 05.00	Introduction to sea food dishes	Dr. Rajendra S. More
16/03/2021 Tuesday	02.00 to 05.00	Preparation of fish pickle	Miss. N. B. Jagtap
17/03/2021 Wednesday	02.00 to 05.00	Preparation of Prawn pickle	Mr. Sujit Temkar
18/03/2021 Thursday	02.00 to 05.00	Preparation of Fish burger	Miss. Priya Karmarkar
19/03/2021 Friday	02.00 to 05.00	Preparation of Fish Finger	Miss. Swati Depolkar


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Dapoli, Dist Ratnagiri



List of the Students Enrolled for the Course

Sr. No.	M/F	Name of the Student	Class	Roll No.
01	/	Ainarkar Namira Farooque	T.Y.B.Sc.	20213048
02	/	Bhuwad Sukanya Ganesh	T.Y.B.Sc.	20213049
03	/	Chavan Asmita Vasu	T.Y.B.Sc.	20213050
04	/	Gavanuk Saloni Gunaji	T.Y.B.Sc.	20213051
05	/	Ghadavale Snehal Ravindra	T.Y.B.Sc.	20213052
06	/	Khan Zulfa Naeemullah	T.Y.B.Sc.	20213053
07	/	Majgaonkar Afreen Anwar	T.Y.B.Sc.	20213054
08	/	Malgundkar Shifa Abdul Rauf	T.Y.B.Sc.	20213055
09	/	Maniyar Sumayya Nizam	T.Y.B.Sc.	20213056
10		Nijsure Prathamesh Vijay	T.Y.B.Sc.	20213057
11		Padalkar Kaustubh Satish	T.Y.B.Sc.	20213058
12	/	Palvankar Manashree Prakash	T.Y.B.Sc.	20213059
13		Pangat Aditya Shailesh	T.Y.B.Sc.	20213060
14	/	Parkar Mantasha nazim	T.Y.B.Sc.	20213061
15	/	Petkar Shaziya Musaddique	T.Y.B.Sc.	20213062
16	/	Pevekar Snehal Ajay	T.Y.B.Sc.	20213063
17	/	Qazi Shifa A Shakoor	T.Y.B.Sc.	20213064
18	/	Rakhange Seebah Anis	T.Y.B.Sc.	20213065
19		Salvi Ritik Manoj	T.Y.B.Sc.	20213066
20		Sathe Vedant Dinesh	T.Y.B.Sc.	20213067
21		Shivankar Satyam Chandrakant	T.Y.B.Sc.	20213068
22		Taskar Nishant Manish	T.Y.B.Sc.	20213069
23	/	Vombilkr Zafiya A Ghafoor	T.Y.B.Sc.	20213070
24	/	Wavekar Shifa Mohamad Rafique	T.Y.B.Sc.	20213071

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Principal
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