

DEPARTMENT OF MICROBIOLOGY



SAROJINI NAIDU VANITA MAHA VIDYALAYA

Sponsored & managed jointly by Osmania Graduates Association & Exhibition Society

Exhibition Grounds, Hyderabad, Telangana- 500001

Louis Pasteur



Louis Pasteur

The greatest biologist of the nineteenth century was Louis Pasteur (1822-1895). His work had both practical use and profound theoretical significance. On the practical side, what discovery in the history of mankind is more important than the germ theory of disease? As for theoretical significance, Pasteur disproved the widely held belief in the spontaneous generation of life. In a simple experiment using a sterilized flask with a bent neck, he showed that plain air cannot initiate the growth of microorganisms. A culture can grow in the flask only if germs enter it. "There is no known circumstance in which it can be confirmed that microscopic beings came into the world without germs, without parents similar to themselves," he concluded, in 1864.

Louis Pasteur demonstrated that life comes only from life. One can only wonder what the history of biological science would be if this principle had been taken as fundamental. Perhaps today we would still be unsure how life on Earth began. But if so, we would approach the question differently. We would assume that life here had to be seeded somehow. We would investigate possible mechanisms for this seeding. We would look for evidence that bacteria, the simplest known form of life, can survive in space, for example. We would look for means by which they could travel across interstellar space and for survive for the millions of years such trips might take.

"The more I study nature, the more I stand amazed at the work of the creator."

"Science brings men nearer to God."

-Louis Pasteur

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History of the Department

Sarojini Naidu Vanita Maha Vidyalaya was established in the year 1962 by Osmania Graduates Association with departments Maths, Physics, Botany, Zoology, English, Sanskrit and Telugu. Gradually departments were increased adding Microbiology, Electronics & Computer Science.

Microbiology used to be part of Zoology till 1990.

To increase the proficiency in Microbiology, in view of demand for the subject in the Medical/Industries/Pharma/Biotechnology/Environmental Studies.....etc., the Microbiology section, which used to be part of Zoology, was separated and became independent department of Biological Sciences.

Sarojini Naidu Vanita Maha Vidyalaya introduced Microbiology course at under graduation level during the academic year 1991 with Mrs.Radha, M.Sc.,Ph.D. as in charge of the Department & then taken over by Dr.Ms.T.V.Mahalakshmi from 1992-93.

VISION & MISSION

Vision

To lead in Microbiological research, education, application that enhances human health, environmental sustainability and technological innovation.

Mission

Provide insights into the complexity of Microbes and society to get different health, environmental, industrial and economic benefits.

SIGNIFICANCE OF THE DEPARTMENT:

- Microbiology helps in understanding about microorganisms, infectious diseases, drug development, various industrial productions.
- A graduate degree in Microbiology can get opportunities in different sectors like private & government hospitals, as technicians in private laboratories, Forensic science laboratories, Educational institutions, Food processing industries, dairy industries, Medical transcription.
- Microbiology helps students to learn, become self sustain, expertise in the field of lab testing, skill enhancing & become entrepreneur in the field of Mushroom cultivation.

List of the existing staff members.

Name	Qualification	Specialization	Years of experience
Dr.T.V. MahaLakshmi (Asso. Professor)	M.Sc., M.Ed., Ph.D	Microbiology	30
Ms. A. Ambica. (Asst Professor)	M.Sc	Microbiology	13
Ms. R. Mamatha (Asst. Professor)	M.Sc., B.Ed	Microbiology	08
Ms Priyanka sathe (Asst. Professor)	M.Sc., B.Ed	Microbiology	04

**NUMBER OF SEMINARS, WORKSHOPS, CONFERENCES AND FDP'S
ATTENDED BY THE TEACHING STAFF**

S. No	Name of the Staff Member	No. of Seminars	No. of Workshops	No. of Inter National Conferences	No. of National Conferences	Refresher Courses/FDP
1	Dr. T.V. Maha Lakshmi	65	5	2	7	17
2	Ms. A. Ambica	13	4	-	3	7
3	Ms. R. Mamatha	10	2	-	3	8
4	Ms. Priyanka sathe	7	1	-	-	4

**DETAILS OF THE EXISTING NON-TEACHING
SUPPORTING STAFF**

S. No	Name	Designation	Date of joining	Address
1	P. Bhaskar	Attender	01 08 2007	13-6- 450/195GF,Gudimalkapur, Mehdipatnam
2	Yousf Bee	Attender	01 09 1998	9-4-29/6,Hakeempet, tolichowki,Golconda,hyd.

COMBINATIONS OFFERED BY MICROBIOLOGY DEPARTMENT

B. Sc (B.M.C): BOTANY, MICROBIOLOGY, CHEMISTRY - Till 2020

B. Sc (MB.Z.C): MICROBIOLOGY, ZOOLOGY, CHEMISTRY

B. Sc (MB.Z.An): MICROBIOLOGY, ZOOLOGY, APPLIED NUTRITION

B. Sc (MB.Bc.C): MICROBIOLOGY, BIOCHEMISTRY, CHEMISTRY

B. Sc (MB.Bc.An): MICROBIOLOGY, BIOCHEMISTRY, APPLIED NUTRITION

B. Sc (MB.C.An): MICROBIOLOGY, CHEMISTRY, APPLIED NUTRITION

Course details

Sem I : General Microbiology

Sem II : Microbial Diversity

Sem III : Food and environmental Microbiology

SEC : Haematology

Sem IV: Medical Microbiology and Immunology

SEC : Mushroom cultivation

Sem V : Molecular Biology and Microbial Genetics

GE : Microbiology and Human health

Sem VI : Industrial Microbiology

Sem VI (Optional paper): Applied Microbiology

Students are provided with protocols to perform experiments at different levels such as

- Isolation, identification, cultivation and preservation of bacterial pure cultures by different microbial techniques, specimen collection, Blood sample collection, Different Diagnostic test and Biochemical test.
- Different diseases – clinical identification of cultures, infections caused treatment etc of Bacteria, viruses, parasites and fungi etc.
- Isolation and identification of bacteria and fungi from spoiled fruits and vegetables.
- Coliform test (Multiple Tube Method).
- MBRT (Methylene Blue Dye Reduction Test) for Assessing the Raw milk Quality.
- Haematology- Blood and its composition, collection sites, Anticoagulants, Hb estimation, total leucocytes count, RBC(Red blood cells), WBC(White blood cells), ESR (Erythrocyte sedimentation rate), Haemoglobin estimation and Blood grouping.
- Antibiotic sensitivity test.
- Industrial production of different products like citric acid, Alcohol, Beer and Antibiotics etc.



STUDENTS PERFORMING HAEMATOLOGY PRACTICALS



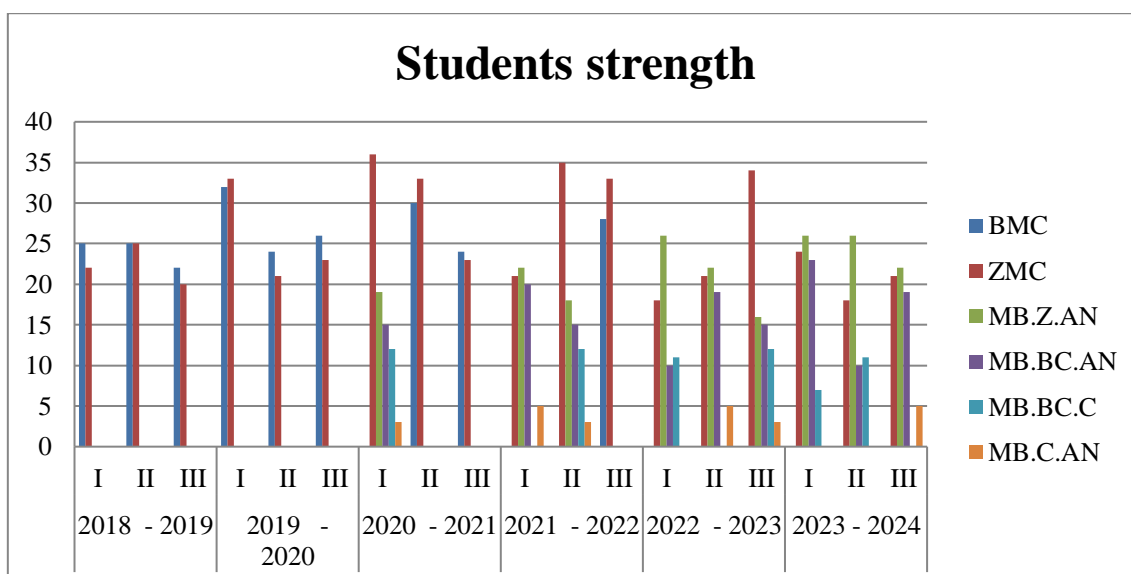
MICROSCOPIC EXAMINATION OF MICROBIAL SLIDES BY STUDENTS

Students Intake Course wise

Academic year	Course	Applications received	Selected
2018 - 2019	ZMC [457]	30	26
	BMC[458]	30	25
2019 - 2020	ZMC [457]	40	37
	BMC[458]	40	33
2020 - 2021	MB BC AN [496]	On-Line	15
	MB BC C [471]	On-Line	12
	MB C AN [093]	On-Line	3
	MB Z AN [592]	On-Line	19
	MB Z C [457]	On-Line	36
	2021 - 2022	MB BC AN [496]	On-Line
	MB BC C [471]	On-Line	0
	MB C AN [093]	On-Line	5
	MB Z AN [592]	On-Line	22
	MB Z C [457]	On-Line	21
2022 - 2023	MB BC AN [496]	On-Line	10
	MB BC C [471]	On-Line	11
	MB C AN [093]	On-Line	0
	MB Z AN [592]	On-Line	26
	MB Z C [457]	On-Line	18
2023 - 2024	MB BC AN [496]	On-Line	23
	MB BC C [471]	On-Line	7
	MB C AN [093]	On-Line	0
	MB Z AN [592]	On-Line	26
	MB Z C [457]	On-Line	24

Particulars of Student Strength

Academic year	Degree	Sections					
		BMC	ZMC	MB.Z.AN	MB.BC.AN	MB.BC.C	MB.C.AN
2018 -19	I	25	22	-	-	-	-
	II	25	25	-	-	-	-
	III	22	20	-	-	-	-
2019 - 20	I	32	33	-	-	-	-
	II	24	21	-	-	-	-
	III	26	23	-	-	-	-
2020 -21	I	-	36	19	15	12	3
	II	30	33	-	-	-	-
	III	24	23	-	-	-	-
2021 - 22	I	-	21	22	20	-	5
	II	-	35	18	15	12	3
	III	28	33	-	-	-	-
2022 - 23	I	-	18	26	10	11	-
	II	-	21	22	19	-	5
	III		34	16	15	12	3
2023 - 24	I	-	24	26	23	7	-
	II	-	18	26	10	11	-
	III	-	21	22	19	-	5



GENERAL TIME TABLE OF MICRO BIOLOGY 2023-24

I, III & V SEM

	SEM	10:00 - 11:00	11:00 - 12:00	12:00 - 01:00	01:00 - 01:30	01:30 - 02:30	02:30 - 03:30	03:30 - 04:30
M O N D A Y	I	MICRO PRAC - (MBZAN)						
	III	B+C+D (MICRO)				MICRO - (ZMC, MB BC C, MB BC AN)		
	V			B+C+D (MICRO)				
T U E S D A Y	I					MB BC AN+MB BCC+ZMC+MB ZAN (MICRO)		
	III	B+C+D (MICRO)					SEC-II -MICRO (ZMC+MBZAN)	
	V			GE -BZC (MICRO)		B+C+D (MICRO)		
W E D N E S D A Y	I			MB BC AN+MB BC C+ZMC+MB ZAN (MICRO)				
	III			B+C+D (MICRO)		SEC – II (ZMC+MB Z AN)		
	V							
T H U R S D A Y	I	MICRO PRAC (MB BC AN, MB BC C, ZMC)						
	III							
	V					MICRO PRACS (ZMC, MB C AN,)		
F R I D A Y	I	MB BC AN+MB BC C+ZMC+MB ZAN (MICRO)						
	III			B+C+D (MICRO)		MBZAN -MICRO PRACS		
	V			GE- BZC(MICRO)		B+C+D (MICRO)	GE -BZC (MICRO)	
S A T U R D A Y	I						MB BCAN+MB BC C+ZMC+MB Z AN (MICRO)	
	III							
	V	MICRO PRACS –(MBZAN,MBBCAN)				B+C+D (MICRO)		GE -BZC (MICRO)

LUNCH

II, IV & VI SEM

	SEM	10:00 - 11:00	11:00 - 12:00	12:00 - 01:00	01:00 - 01:30	01:30 - 02:30	02:30 - 03:30	03:30 - 04:30
M O N D A Y	II	MICRO PRAC - (MBZAN)			L U N C h			
	IV	B+C+D (MICRO)				MICRO PRAC - (ZMC, MB BC C, MB BC AN)		
	VI			B+C+D (MICRO)				
T U E S D A Y	II					MB BC AN+MB BCC+ZMC+MB Z AN (MICRO)		
	IV	B+C+D(MICRO)						
	VI			ZMC (optional) (MICRO)		B+C+D (MICRO)		ZMC (optional) (MICRO)
W E D N E S D A Y	II			MB BC AN+MB BC C+ZMC+MB Z AN (MICRO)				
	IV			B+C+D(MICRO)		MICRO PRACS - (MBZAN)		
	VI							
T H U R S D A Y	II	MICRO PRAC (MB BC AN, MB BC C, ZMC)						
	IV							
	VI				MICRO PRACS (ZMC, MB C AN, MBBCAN)			
F R I D A Y	II	MB BC AN+MB BC C+ZMC+MB Z AN (MICRO)						
	IV			B+C+D (MICRO)	ZMC (optional) (MICRO PRACS)			
	VI			B+C+D (MICRO)				
S A T U R D A Y	II					MB BCAN+MB BC C+ZMC+MB Z AN (MICRO)		
	IV			SEC – II (ZMC+MB Z AN)			SEC – II (ZMC+MB Z AN)	
	VI	MICRO PRACS –(MBZAN)			B+C+D (MICRO)		ZMC (optional) (MICRO)	

TEACHING METHODS AND AIDS

- Conventional Lectures.
- Experimental Learning.
- Online Classes via Zoom.
- Participative Learning through Industrial visit, Field visit.
- Group Discussions.
- Question & Answer method.
- Projects.
- Assignments.
- Workshops.
- LCD Projector.
- Class room Seminars.
- Slip tests.

STUDENT EVALUATION METHODS

- Regular classroom slip tests.
- Class room seminars.
- Individual Practical work.
- Assignments.
- Group Discussions.
- Internal exams.
- Quiz.
- Pre-final Practical exams.
- End semester exams.

Infrastructure and Facilities

- The department is well equipped with 3 laboratories for intermediate and degree students.

Lab I- Introductory Lab

Lab II-Medical Microbiology Lab

Lab III-Applied Microbiology Lab

- Labs have excellent facility with equipments, instruments like Laminar air flow, Hot air oven, Autoclave, Refrigerators, Binocular microscopes, UV chamber, BOD, Electrophoresis unit, pH meter etc.
- Students are given more knowledge with ICT enabled classrooms in room no's 5, 6, 7.
- Our department is well equipped with computer.
- Students can go through various topics and gain knowledge by the help of departmental library in which 205 books are present & main library which maintains 425 books
- Highly qualified and experienced faculty.

Infrastructure details:

Lab I Introductory Lab



Lab II Medical Microbiology Lab



Lab III Applied Microbiology Lab



LIST OF EQUIPMENT

S. No	Name of the equipment
1	Auto clave
2	Distillation unit
3	Analytical weigh box
4	Autoclave pressure gauge
5	Bacteriological loops
6	Centrifuge
7	ESR stands
8	Fractional weigh box
9	Haemometer
10	Haemocytometer
11	Incubator
12	Laminar air flow
13	Microscopes
14	Monopan balance
15	Hot air oven
16	Photoelectric colorimeter
17	Pipette cans
18	Refrigerator
19	Rough balance
20	Test tubes holder
21	Test tube stand
22	Tripod stands
23	UV chamber

S. No	Name of the equipment
24	BOD incubator
25	Colony counter
26	PH Meter

Instruments in Microbiology lab



INCUBATOR



AUTOCLAVE



DISTILLATION UNIT



WATER BATH



UVCHAMBER AND LAMINAR AIRFLOW



HOT AIR OVEN



CENTRIFUGE



BOD INCUBATOR

LIBRARY INFORMATION- ADDITIONAL BOOKS PURCHASED**FROM THE YEAR 2018-2023**

Sl. No	Book No	Name of the book	Author's name
1	58929	General microbiology BSc Iyr SEM I, Paper I	Dr.Chandpasha
2	58930	General microbiology BSc Iyr SEM I, Paper I	Dr.Chandpasha
3	58931	General microbiology BSc Iyr SEM I, Paper I	Dr.Chandpasha
4	58932	General microbiology BSc Iyr SEM I, Paper I	Dr.Chandpasha
5	58933	General microbiology BSc Iyr SEM I, Paper I	Dr.Chandpasha
6	58934	General microbiology BSc Iyr SEM I, Paper I	Dr.Chandpasha
7	58935	General microbiology BSc Iyr SEM I, Paper I	Dr.Chandpasha
8	58936	General microbiology BSc Iyr SEM I, Paper I	Dr.Chandpasha
9	58937	General microbiology BSc Iyr SEM I, Paper I	Dr.Chandpasha
10	58938	General microbiology BSc Iyr SEM I, Paper I	Dr.Chandpasha
11	58939	Microbial diversity	Dr.Chandpasha
12	58940	Microbial diversity	Dr.Chandpasha
13	58941	Microbial diversity	Dr.Chandpasha
14	58942	Microbial diversity	Dr.Chandpasha
15	58943	Microbial diversity	Dr.Chandpasha
16	58944	Microbial diversity	Dr.Chandpasha
17	58945	Microbial diversity	Dr.Chandpasha
18	58946	Microbial diversity	Dr.Chandpasha

19	58947	Microbial diversity	Dr.Chandpasha
20	58948	Microbial diversity	Dr.Chandpasha
21	58949	Food and Environmental microbiology	Dr.Chandpasha
22	58950	Food and Environmental microbiology	Dr.Chandpasha
23	58951	Food and Environmental microbiology	Dr.Chandpasha
24	58952	Food and Environmental microbiology	Dr.Chandpasha
25	58953	Food and Environmental microbiology	Dr.Chandpasha
26	58954	Food and Environmental microbiology	Dr.Chandpasha
27	58955	Food and Environmental microbiology	Dr.Chandpasha
28	58956	Food and Environmental microbiology	Dr.Chandpasha
29	58957	Food and Environmental microbiology	Dr.Chandpasha
30	58958	Food and Environmental microbiology	Dr.Chandpasha
31	58959	Medical microbiology and immunology	Dr.Chandpasha
32	58960	Medical microbiology and immunology	Dr.Chandpasha
33	58961	Medical microbiology and immunology	Dr.Chandpasha
34	58962	Medical microbiology and immunology	Dr.Chandpasha
35	58963	Medical microbiology and immunology	Dr.Chandpasha
36	58964	Medical microbiology and immunology	Dr.Chandpasha
37	58965	Medical microbiology and immunology	Dr.Chandpasha
38	58966	Medical microbiology and immunology	Dr.Chandpasha
39	58967	Medical microbiology and immunology	Dr.Chandpasha
40	58968	Medical microbiology and immunology	Dr.Chandpasha
41	58969	A Text book of molecular biology	Dr.Chandpasha
42	58970	A Text book of molecular biology	Dr.Chandpasha
43	58971	A Text book of molecular biology	Dr.Chandpasha
44	58972	A Text book of molecular biology	Dr.Chandpasha

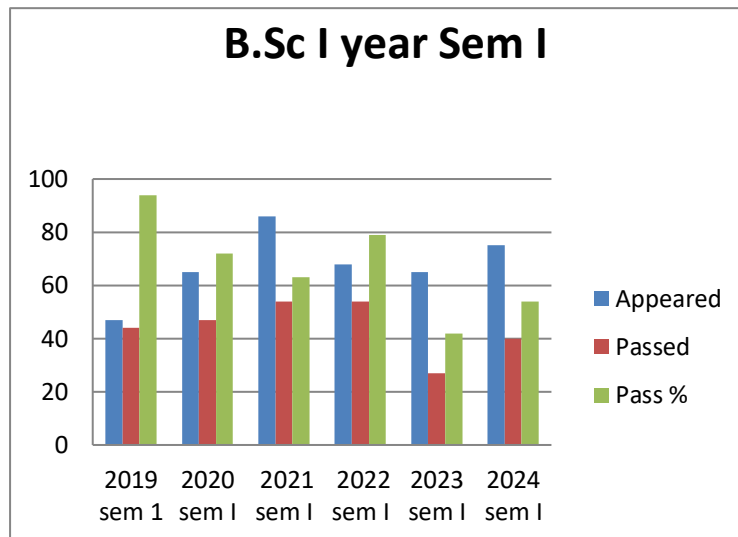
45	58973	A Text book of molecular biology	Dr.Chandpasha
46	58974	A Text book of molecular biology	Dr.Chandpasha
47	58975	A Text book of molecular biology	Dr.Chandpasha
48	58976	A Text book of molecular biology	Dr.Chandpasha
49	58977	A Text book of molecular biology	Dr.Chandpasha
50	58978	A Text book of molecular biology	Dr.Chandpasha
51	58979	A Text book of hematology	Dr.Chandpasha
52	58980	A Text book of hematology	Dr.Chandpasha
53	58981	A Text book of hematology	Dr.Chandpasha
54	58982	A Text book of hematology	Dr.Chandpasha
55	58983	A Text book of hematology	Dr.Chandpasha
56	58984	A Text book of hematology	Dr.Chandpasha
57	58985	A Text book of hematology	Dr.Chandpasha
58	58986	A Text book of hematology	Dr.Chandpasha
59	58987	A Text book of hematology	Dr.Chandpasha
60	58988	A Text book of hematology	Dr.Chandpasha
61	58989	Microbiology and human health II yr	Dr.Chandpasha
62	58990	Microbiology and human health II yr	Dr.Chandpasha
63	58991	Microbiology and human health II yr	Dr.Chandpasha
64	58992	Microbiology and human health II yr	Dr.Chandpasha
65	58993	Microbiology and human health II yr	Dr.Chandpasha
66	58994	Microbiology and human health II yr	Dr.Chandpasha
67	58995	Microbiology and human health II yr	Dr.Chandpasha
68	58996	Microbiology and human health II yr	Dr.Chandpasha
69	58997	Microbiology and human health II yr	Dr.Chandpasha
70	58998	Microbiology and human health II yr	Dr.Chandpasha

71	60441	Hand book of Anatomy & physiology	Dr.A Chandrasekhar
72	60442	Hand book of Anatomy & physiology	Dr.A Chandrasekhar
73	60443	Text and practical microbiology for MLT	Baveja C.P& Baveja
74	60444	Text and practical microbiology for MLT	Baveja C.P& Baveja
75	60445	A hand book of medical laboratory technology	Talib V.H
76	60446	A hand book of medical laboratory technology	Talib V.H
77	60447	Complexity based clinical biochemistry	Dr. Aliya Nusrath
78	60448	Complexity based clinical biochemistry	Dr. Aliya Nusrath
79	60449	Essentials of clinical pathology	Kawthalkar M. Shirish
80	60450	Essentials of clinical pathology	Kawthalkar M. Shirish
81	60451	Competency based practical Biochemistry T.B	Delphine Silvia C.R
82	60452	Competency based practical Biochemistry T.B	Delphine Silvia C.R
83	60453	Text book of Microbiology	Ananthanarayan
84	60454	Text book of Microbiology	Baveja C.P
85	60455	Laboratory manual of Food microbiology	Neelima Garg
86	60456	Laboratory manual of Food microbiology	Neelima Garg
87	60457	A Text book of Microbiology	Dubey R.C
88	60458	Microbiology	Pelczar J Michale
89	60459	Manual of practical microbiology and parasitology	Chakraborty. P
90	60460	Manual of practical microbiology and parasitology	Chakraborty. P
91	60461	Industrial Microbiology	A. H Patel
92	60462	Microbiology Laboratory Manual	James G. Cappuccino
93	60463	Clinical pathology haematology & blood banking	Joshi Rakesh
94	60464	Clinical pathology haematology & blood banking	Joshi Rakesh
95	60465	Saras Immunology	Fatima Dulsy

Result Analysis of Microbiology For the Past 5 Years Graphical presentation of Microbiology Results (Appeared and Passed) of B.sc I Year Microbiology

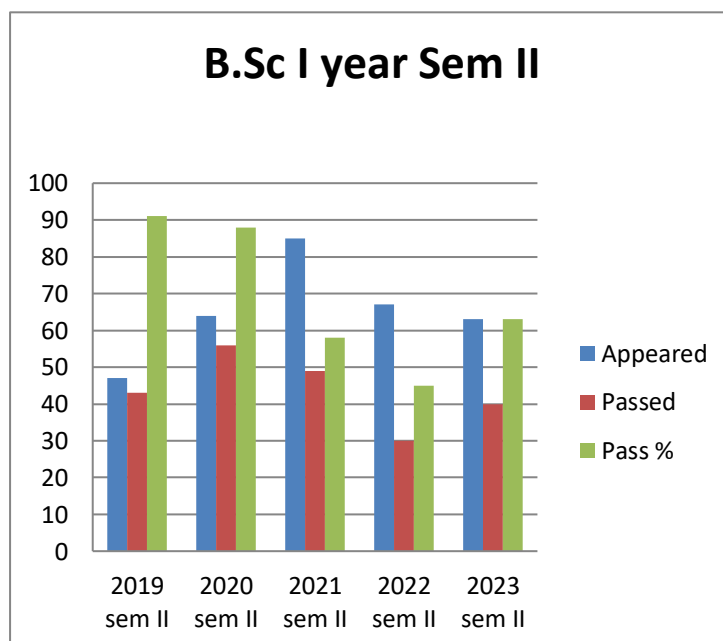
B.Sc I year sem I

Year	Appeared	Passed	Pass %
2019 sem I	47	44	94
2020 sem I	65	47	72
2021 sem I	86	54	63
2022 sem I	68	54	79
2023 sem I	65	27	42
2024 sem I	75	40	54



B.Sc I year sem II

Year	Appeared	Passed	Pass %
2019 sem II	47	43	91
2020 sem II	64	56	88
2021 sem II	85	49	58
2022 sem II	67	30	45
2023 sem II	63	40	63

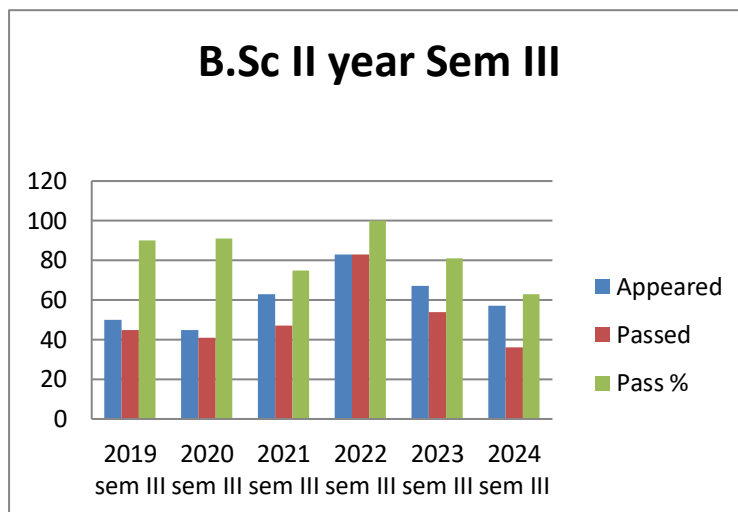


Result Analysis of Microbiology For the Past 5 Years Graphical presentation of Microbiology Results (Appeared and Passed) of

B.sc II Year Microbiology

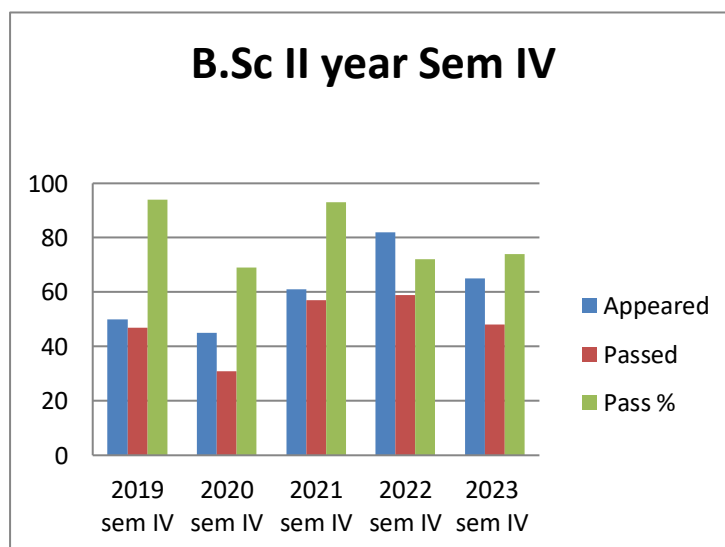
B. Sc II year sem III

Year	Appeared	Passed	Pass %
2019 sem III	50	45	90
2020 sem III	45	41	91
2021 sem III	63	47	75
2022 sem III	83	83	100
2023 sem III	67	54	81
2024 sem III	57	36	63



B. Sc II year sem IV

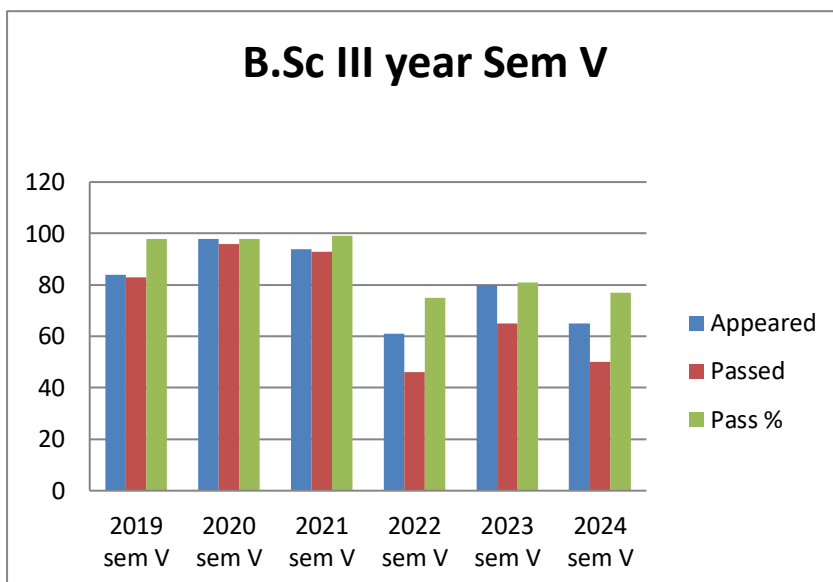
Year	Appeared	Passd	Pass %
2019 semIV	50	47	94
2020 semIV	45	31	69
2021 semIV	61	57	93
2022 semIV	82	59	72
2023 semIV	65	48	74



Result Analysis of Microbiology For the Past 5 Years Graphical presentation of Microbiology Results (Appeared and Passed) of B.sc III Year Microbiology

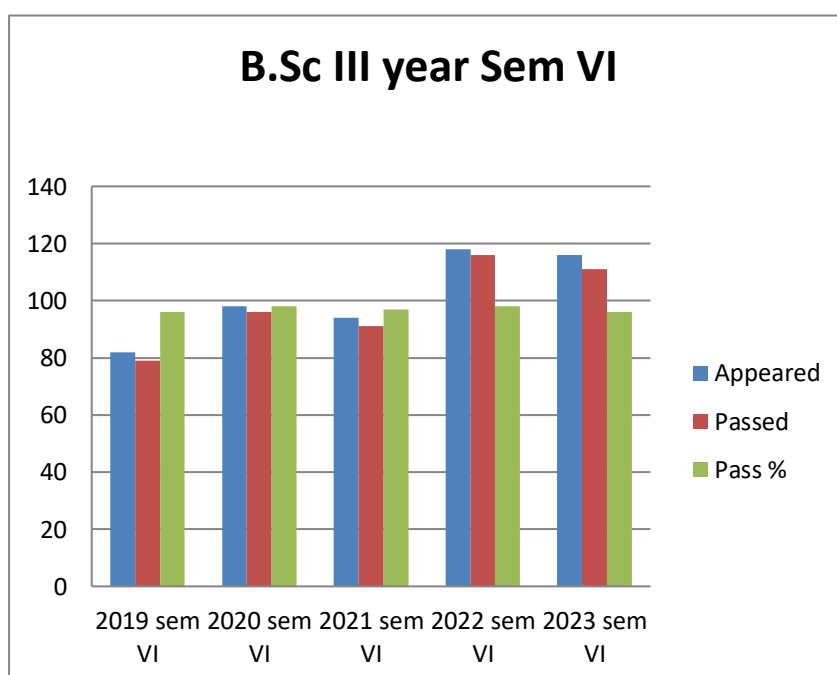
B. Sc III year Sem V

Year	Appeared	Passed	Pass %
2019 sem V	84	83	98
2020 sem V	98	96	98
2021 sem V	94	93	99
2022 sem V	61	46	75
2023 sem V	80	65	81
2024 sem V	65	50	77



B. Sc III year Sem VI

Year	Appeared	Passed	Pass %
2019 sem VI	82	79	96
2020 sem VI	98	96	98
2021 sem VI	94	91	97
2022 sem VI	118	116	98
2023 sem VI	116	111	96



LIFE SCIENCES – PO

P01: Bachelor of science focuses in inculcating theoretical as well as practical knowledge about living organisms and their nutritional needs.

P02: Students will be able to associate with the biological sciences and choose the specific areas in their career.

P03: Students develop scientific temperament which would benefit society and nation at large.

P04: Students learn to analyse, interpret and devise methods to encounter the challenges posed by the environment.

P05: Students discover the utility of microbes in various sectors like Health, Medical, and Agriculture.

P06: Students enriched with knowledge will construct simulations to solve the problems produced from various spheres of life.

P07: Students learn the imperative role of nutrients in the development of physiological, psychological and biochemical domains of life.

P08: Students will extend the knowledge gained for self-evaluation and formulate methods to consistently improve themselves

Course outcomes (Odd sem)

By the end of this course students will be able to:

S.No.	Course Name (Paper)	Cos
1.	Course: Sem I Paper I: General microbiology	<ol style="list-style-type: none"> 1. Knowing the contributions of different eminent scientist in the development of Microbiology & scope of various branches & it's application 2. Study the structure of bacteria, virus & their isolation and Cultivation. 3. Explain various processes of carbohydrates metabolism. 4. Explain about sterilization techniques and Discuss about microbial growth phases
2.	Course: Sem I Lab Paper I: General microbiology	<ol style="list-style-type: none"> 1. Understand working and mechanism of different equipments and tools of sterilization techniques used in microbiology lab. 2. Illustrate the different media preparation, isolation, enumeration and preservation of microbial culture. 3. Perform the staining technique of various bacteria. 4. Enumerate the bacterial number in the sample by viable count.
3.	Course: Sem III SEC - Haematology	<ol style="list-style-type: none"> 1. Understand about blood & its components, complete blood Picture, normal and abnormal conditions. 2. Understand about blood transfusion & its preservation, Blood Diseases.
4.	Course: Sem III Paper III : Food and environmental microbiology	<ol style="list-style-type: none"> 1. Explain about different microorganism are involved in production of different fermented foods, dairy products. 2. Describe different food preservation methods, spoilage & evaluate the food quality control. 3. Compare the role played by different microorganism in Relation with air and water. 4. Study the Properties of soil & plants and microbes interaction, Significance of C&N cycles and bioremediation of pollutants.
5.	Course: Sem III Lab Paper III : Food and environmental microbiology	<ol style="list-style-type: none"> 1. Determine the microbiological quality of milk, water and Dissolved oxygen in water. 2. Isolate the different microorganisms present in air and also the Microbes involved in spoilage of fruits/vegetables. 3. Demonstrate the amount of dissolved oxygen needed by aerobic organisms to breakdown organic material present in a given water sample over a specific time period 4. Extract and detect the toxins produced by fungal organisms in Contaminated food. 5. Design an experiment to isolate & identify bacteria & yeast which help in maintaining natural balance of organisms in the intestines

6.	Course: Sem V GE – Microbiology and human health	<ol style="list-style-type: none"> 1. Knowledge about different scientist, media used and growth of bacteria can be known. 2. Understand the different good and bad microbes 3. Compare different cells, organs involved in developing immunity in the body, study production of vaccines, probiotics . 4. Study the different methods of safe disposal of industrial and biomedical waste.
7.	Course: Sem V Paper V : Molecular biology and microbial genetics	<ol style="list-style-type: none"> 1. Knowledge of structure and function of DNA as genetic material, extra chromosomal genetic elements 2. Understand & analysis the changes occurring in the gene and how the genes are transferred. 3. Knowledge about how the information present on the gene can be expressed is known. 4. Illustrate the different methods of genetic material transferred.
8.	Course: Sem V lab Paper V : Molecular biology and microbial genetics	<ol style="list-style-type: none"> 1. Determine the concentration of DNA, RNA, protein 2. Demonstrate the extraction and separation of genomic DNA and plasmid DNA

Course outcomes (Even sem)

By the end of this course students will be able to:

1.	Course: Sem II Paper II: Microbial diversity	<ol style="list-style-type: none"> 1. Study about different elements of biodiversity and list out classification of living organisms 2. Describes various groups of Eubacteria including bacteria, rickettsia & mycoplasma. 3. Describes structure, functional & metabolic characteristics of algal, fungal & protozoa. 4. Illustrates the microbes in environment & their interaction with each other, methods to cultivate them to assess microbial diversity.
2.	Course: Sem II lab Paper II : Microbial diversity	<ol style="list-style-type: none"> 1. Demonstrate the isolation and enumeration of different types of microbes from different habitats, environment 2. Examine different types of bacterial and fungal microorganisms by different staining techniques 3. Compare and contrast the direct microscopic count & cell colony on agar plates. 4. Demonstrates microbial diversity by Winogradsky column.
3.	Course: Sem IV SEC – Mushroom cultivation	<ol style="list-style-type: none"> 1. Describes the importance and history of mushrooms, energy rich, list out the edible mushrooms & its health benefits 2. Illustrate cultivation of mushrooms, analyse pathogens in Mushrooms & how to preserve mushrooms.
4.	Course: Sem IV Paper IV : Medical microbiology and Immunology	<ol style="list-style-type: none"> 1. Discuss the different normal human flora & bacteria causing different diseases 2. Describes various viruses & parasites causing different disease. 3. Understand the fundamental basis of immune system & immune response. 4. List out different Ag-Ab reactions, explains different immunological disorders.
5.	Course: Sem IV lab Paper IV : Medical microbiology and immunology	<ol style="list-style-type: none"> 1. Demonstrate total RBC count, total WBC count, blood grouping, different types of WBC 2. Categorize different antigen and antibody interactions used in identification of diseases 3. Identify the bacterial organism by different biochemical test, determine its antibiotic sensitivity
6.	Course: Sem VI Paper VI : Industrial microbiology	<ol style="list-style-type: none"> 1. Understand the industrial importance of microorganisms, maintenance of seed culture & apply techniques to improve strain & product yield. 2. Illustrate a bioreactor, different parameters of bioreactor, understand the different types of fermentors, media for production of different microbial products. 3. Categorize the different types of fermentations 4. Describes the industrial production of different products.
7.	Course: Sem VI lab Paper VI : Industrial microbiology	<ol style="list-style-type: none"> 1. Design the experiments to select amylase, organic acid producing microorganisms . 2. Determine the amount of various products produced from microbial fermentation

8.	Course: Sem VI Optional : Applied microbiology	1. Understand the different microorganisms in soil and analyse different microorganisms useful in increasing soil fertility 2. Know different methods for microbial production of pigments, flavoring, aroma agent, etc. 3. Summarize the steps involved in disease diagnosing, analyse the disease caused & its use in monitoring sanitation in community
9.	Course: Sem VI lab Optional : Applied microbiology	1. Demonstrate the selection of different soil microorganism & explain the mass production of different microbes 2. Differentiate different bacterial and fungal soil microbes by different staining techniques.

CO, PO & PSO mapping for all the Semesters for Batch 2019-2022 (UG)

I Year / I Semester

Course Code:	144A
Course Name	INTRODUCTORY MICROBIOLOGY
Course Outcomes	
CO1	Summarise scientist contribution & explain about sterilization methods
CO2	Illustrate about microscopes, calibration & staining methods
CO3	Classification of microorganisms, Growth media, Isolation & Preservation of microbes
CO4	Differentiate between prokaryotes & eukaryotes

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓	-	✓	-	✓	✓	-	✓
CO2	✓	✓	✓	✓	✓	✓	✓	✓
CO3	✓	✓	-	✓	✓	-	✓	✓
CO4	✓	✓	✓	✓	✓	✓	-	✓

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	-	3	-	3	3	-	3
CO2	2	3	2	2	2	3	2	2
CO3	2	2	-	3	2	-	2	3
CO4	3	3	3	3	3	3	-	3
Average	2.50	2.67	2.67	2.67	2.50	3.00	2.00	2.75

I Year / II Semester

Course Code:	244A
Course Name	MICROBIAL PHYSIOLOGY AND BIOCHEMISTRY
Course Outcomes	
CO1	Explains about uptake of nutrients & different phases of microbial growth, Factors affecting growth.
CO2	Comparision between oxygenic & anoxygenic photosynthesis , microbial aerobic and anaerobic respiration.
CO3	Classification of biomolecules and enzymes.
CO4	Illustrate various biochemical techniques, types of buffers & PH measurement.

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓	-	-	✓	✓	✓	✓	-
CO2	✓	-	✓	✓	✓	✓	✓	✓
CO3	✓	✓	-	✓	✓	-	✓	✓
CO4	✓	✓	✓	✓	✓	✓	✓	✓

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	-	-	2	2	3	3	-
CO2	2	-	1	2	2	2	2	2
CO3	3	3	-	3	2	-	2	3
CO4	3	2	2	3	2	2	2	3
Average	2.75	2.50	1.50	2.50	2.00	2.33	2.25	2.67

II Year / III Semester

Course Code:	344A
Course Name	FOOD AND ENVIRONMENTAL MICROBIOLOGY
Course Outcomes	
CO1	Explain about different microorganism are involved in production of different fermented foods, dairy products.
CO2	Describe different food preservation methods, spoilage & evaluate the food quality control.
CO3	Compare the role played by different microorganism in relation with air and water.
CO4	Study the Properties of soil & plants and microbes interaction. significance of C,N cycles and bioremediation of pollutants.

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	-	✓	✓	✓	✓	✓	✓	-
CO2	✓	✓	✓	✓	✓	✓	✓	✓
CO3	✓	-	✓	✓	✓	-	✓	✓
CO4	✓	✓	✓	✓	✓	✓	✓	✓

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	-	3	2	3	2	3	3	-
CO2	3	2	3	3	3	3	3	2
CO3	2	-	1	3	3	-	3	3
CO4	3	3	1	2	3	3	2	3
Average	2.67	2.67	1.75	2.75	2.75	3.00	2.75	2.67

II Year / IV Semester

Course Code:	444A
Course Name	MEDICAL MICROBIOLOGY AND IMMUNOLOGY
Course Outcomes	
CO1	Discuss the different normal human flora & bacteria causing different diseases
CO2	Describes various viruses & parasites causing different disease.
CO3	Understand the fundamental basis of immune system & immune response.
CO4	List out different Ag-Ab reactions, explains different immunological disorders.

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓	✓	✓	✓	✓	✓	✓	✓
CO2	✓	✓	✓	✓	✓	✓	✓	✓
CO3	✓	✓	✓	✓	✓	✓	✓	✓
CO4	✓	✓	✓	✓	✓	✓	✓	✓

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	3	1	1	2
CO2	3	2	1	3	3	1	1	1
CO3	3	2	3	2	3	2	2	1
CO4	2	1	3	2	3	2	1	2
Average	2.75	2.00	2.50	2.25	3.00	1.50	1.25	1.50

III Year / V Semester

Course Code:	544A
Course Name	MOLECULAR BIOLOGY AND MICROBIAL GENETICS
Course Outcomes	
CO1	Knowledge of structure and function of DNA as genetic material, extrachromosomal genetic elements
CO2	Understand & analysis the changes occurring in the gene and how the genes are transferred
CO3	Knowledge about how the information present on the gene can be expressed is known
CO4	Illustrate the different methods of genetic material transferred.

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓	✓	✓	✓	✓	✓	✓	✓
CO2	✓	✓	-	✓	✓	✓	✓	✓
CO3	✓	✓	✓	✓	-	✓	✓	-
CO4	-	✓	✓	✓	✓	✓	✓	✓

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	2	3	3	3	2	2
CO2	2	3	-	1	3	2	2	3
CO3	2	1	3	2	-	1	2	-
CO4	-	2	2	2	3	3	2	2
Average	2.00	2.25	2.33	2.00	3.00	2.25	2.00	2.33

III Year / VI Semester

Course Code:	644A
Course Name	INDUSTRIAL MICROBIOLOGY
Course Outcomes	
CO1	Understand the industrial importance of microorganisms, maintenance of seed culture & apply techniques to improve strain & product yield
CO2	Illustrate a bioreactor, different parameters of bioreactor, understand the different types of fermentors, media for production of different microbial products
CO3	Categorize the different types of fermentations
CO4	Describes the industrial production of different products

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓	✓	✓	✓	✓	-	✓	✓
CO2	✓	-	✓	✓	✓	✓	✓	-
CO3	✓	✓	-	✓	✓	-	✓	✓
CO4	✓	✓	✓	✓	✓	✓	✓	✓

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	2	3	-	2	2
CO2	2	-	2	2	2	2	2	-
CO3	3	2	-	3	3	-	2	3
CO4	3	3	3	3	3	3	3	3
Average	2.75	2.33	2.33	2.50	2.75	2.50	2.25	2.67

III Year / VI Semester (optional)

Course Code:	859LA(optional)
Course Name	APPLIED MICROBIOLOGY (OPTIONAL)
Course Outcomes	
CO1	Understand the different microorganisms in soil and analyse different microorganisms useful in increasing soil fertility
CO2	Know different methods for microbial production of pigments, flavouring, aroma agent, etc.
CO3	Summarize the steps involved in disease diagnosing, analyse the disease caused & its use in monitoring sanitation in community

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓	✓	✓	✓	✓	✓	✓	✓
CO2	✓	-	✓	✓	✓	-	✓	-
CO3	✓	✓	-	✓	✓	✓	✓	-

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	2	3	3	2	3	2
CO2	2	-	2	2	2	-	2	-
CO3	2	3	-	2	2	3	2	-
Average	2.33	3.00	2.00	2.33	2.33	2.50	2.33	2.00

Department : MICROBIOLOGY

PO ATTAINMENT USING CO (DIRECT METHOD)

CO PO MAPPING

Course code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	Average
144A	2.50	2.67	2.67	2.67	2.50	3.00	2.00	2.75	2.59
244A	2.75	2.50	1.50	2.50	2.00	2.33	2.25	2.67	2.31
344A	2.67	2.67	1.75	2.75	2.75	3.00	2.75	2.67	2.63
444A	2.75	2.00	2.50	2.25	3.00	1.50	1.25	1.50	2.09
544A	2.00	2.25	2.33	2.00	3.00	2.25	2.00	2.33	2.27
644A	2.75	2.33	2.33	2.50	2.75	2.50	2.25	2.67	2.51
859 LA	2.33	3.00	2.00	2.33	2.33	2.50	2.33	2.00	2.35

CO PO ATTAINMENT MATRIX

Course code	No. of students attempted	threshold value	no. of students above threshold	% students above threshold	Coursewise Attainment level
144A	65	> =D	39	60%	2
244A	64	> = C	53	83%	3
344A	64	> = C	44	69%	2
444A	60	> = D	50	83%	3
544N	61	> = D	46	75%	3
644N	58	> = B	49	84%	3
859LA	60	> = B	43	72%	3

Attainment level

if the % of students scoring above threshold is

> =70% =3 attainment level

from 60 to 70% = 2 attainment level

< 60% = 1 attainment level

Letter	Percentage	Points
O	85-100	10
A	70-84.99	9
B	60-69.99	8
C	55-59.99	7
D	50-54.99	6
E	40-49.99	5
F	0-39.99	0

MICROBIOLOGY DEPARTMENT ATTAINMENT COMPARISION

Course code	sem 1	sem 2	sem 3	sem 4	sem 5	sem 6	sem 6(optional)
Target attainment	2.59	2.31	2.63	2.09	2.27	2.51	2.35
Attainment achieved	2	3	2	3	3	3	3

Action taken :

- 1) More emphasis will be given for the courses which have attainment of less than 60%
- 2) Students are given assignments to write on important topics

CO, PO & PSO mapping for all the Semesters for Batch 2020-2023 (UG)

I Year / I Semester

Course Code:	144A
Course Name	INTRODUCTORY MICROBIOLOGY
Course Outcomes	
CO1	Summarize scientist contribution & explain about sterilization methods
CO2	Illustrate about microscopes, calibration & staining methods
CO3	Classification of microorganisms, growth media, isolation & preservation of microbes
CO4	Differentiate between Prokaryotes & Eukaryotes

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓	-	✓	-	✓	✓	-	✓
CO2	✓	✓	✓	✓	✓	✓	✓	✓
CO3	✓	✓	-	✓	✓	-	✓	✓
CO4	✓	✓	✓	✓	✓	✓	-	✓

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	-	3	-	3	3	-	3
CO2	2	3	2	2	2	3	2	2
CO3	2	2	-	3	2	-	2	3
CO4	3	3	3	3	3	3	-	3
Average	2.50	2.67	2.67	2.67	2.50	3.00	2.00	2.75

I Year / II Semester

Course Code:	244A
Course Name	Microbial diversity
Course Outcomes	
CO1	Study about different elements of biodiversity and list out classification of living organisms
CO2	Describes various groups of eubacteria including bacteria, Rickettsia & Mycoplasma.
CO3	Describes structure, functional & metabolic characteristics of Algal, Fungal & Protozoa.
CO4	Illustrates the microbes in environment & their interaction with each other, methods to cultivate them to assess Microbial diversity.

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓	-	-	✓	✓	✓	✓	-
CO2	✓	-	✓	✓	✓	✓	✓	✓
CO3	✓	✓	-	✓	✓	-	✓	✓
CO4	✓	✓	✓	✓	✓	✓	✓	✓

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	-	-	2	2	3	3	-
CO2	2	-	1	2	2	2	2	2
CO3	3	3	-	3	2	-	2	3
CO4	3	2	2	3	2	2	2	3
Average	2.75	2.50	1.50	2.50	2.00	2.33	2.25	2.67

II Year / III Semester

Course Code:	344A
Course Name	FOOD AND ENVIRONMENTAL MICROBIOLOGY
Course Outcomes	
CO1	Explain about different microorganism are involved in production of different fermented foods, dairy products
CO2	Describe different food preservation methods, spoilage& evaluate the food quality control.
CO3	Compare the role played by different microorganism in relation with air and water
CO4	Study the Properties of soil & plants and microbes interaction. significance of C&N cycles and bioremediation of pollutants.

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	-	✓	✓	✓	✓	✓	✓	-
CO2	✓	✓	✓	✓	✓	✓	✓	✓
CO3	✓	-	✓	✓	✓	-	✓	✓
CO4	✓	✓	✓	✓	✓	✓	✓	✓

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	-	3	2	3	2	3	3	-
CO2	3	2	3	3	3	3	3	2
CO3	2	-	1	3	3	-	3	3
CO4	3	3	1	2	3	3	2	3
Average	2.67	2.67	1.75	2.75	2.75	3.00	2.75	2.67

II Year / IV Semester

Course Code:	444A
Course Name	MEDICAL MICROBIOLOGY AND IMMUNOLOGY
Course Outcomes	
CO1	Discuss the different normal human flora & bacteria causing different diseases
CO2	Describes various viruses & parasites causing different disease.
CO3	Understand the fundamental basis of immune system & immune response.
CO4	List out different Ag-Ab reactions, explains different immunological disorders.

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓	✓	✓	✓	✓	✓	✓	✓
CO2	✓	✓	✓	✓	✓	✓	✓	✓
CO3	✓	✓	✓	✓	✓	✓	✓	✓
CO4	✓	✓	✓	✓	✓	✓	✓	✓

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	3	2	3	1	1	2
CO2	3	2	1	3	3	1	1	1
CO3	3	2	3	2	3	2	2	1
CO4	2	1	3	2	3	2	1	2
Average	2.75	2.00	2.50	2.25	3.00	1.50	1.25	1.50

III Year / V Semester

Course Code:	544A
Course Name	MOLECULAR BIOLOGY AND MICROBIAL GENETICS
Course Outcomes	
CO1	Knowledge of structure and function of DNA as genetic material, extrachromosomal genetic elements
CO2	Understand & analysis the changes occurring in the gene and how the genes are transferred
CO3	Knowledge about how the information present on the gene can be expressed is known
CO4	Illustrate the different methods of genetic material transferred.

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓	✓	✓	✓	✓	✓	✓	✓
CO2	✓	✓	-	✓	✓	✓	✓	✓
CO3	✓	✓	✓	✓	-	✓	✓	-
CO4	-	✓	✓	✓	✓	✓	✓	✓

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	2	3	2	3	3	3	2	2
CO2	2	3	-	1	3	2	2	3
CO3	2	1	3	2	-	1	2	-
CO4	-	2	2	2	3	3	2	2
Average	2.00	2.25	2.33	2.00	3.00	2.25	2.00	2.33

III Year / VI Semester

Course Code:	644A
Course Name	INDUSTRIAL MICROBIOLOGY
Course Outcomes	
CO1	Understand the industrial importance of microorganisms, maintenance of seed culture & apply techniques to improve strain & product yield
CO2	Illustrate a bioreactor, different parameters of bioreactor, understand the different types of fermentors, media for production of different microbial products
CO3	Categorize the different types of fermentations
CO4	Describes the industrial production of different products

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓	✓	✓	✓	✓	-	✓	✓
CO2	✓	-	✓	✓	✓	✓	✓	-
CO3	✓	✓	-	✓	✓	-	✓	✓
CO4	✓	✓	✓	✓	✓	✓	✓	✓

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	2	2	2	3	-	2	2
CO2	2	-	2	2	2	2	2	-
CO3	3	2	-	3	3	-	2	3
CO4	3	3	3	3	3	3	3	3
Average	2.75	2.33	2.33	2.50	2.75	2.50	2.25	2.67

III Year / VI Semester (optional)

Course Code:	859LA (optional)
Course Name	APPLIED MICROBIOLOGY (OPTIONAL)
Course Outcomes	
CO1	Understand the different microorganisms in soil and analyse different microorganisms useful in increasing soil fertility
CO2	Know different methods for microbial production of pigments, flavouring, aroma agent, etc.
CO3	Summarize the steps involved in disease diagnosing, analyse the disease caused & its use in monitoring sanitation in community

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	✓	✓	✓	✓	✓	✓	✓	✓
CO2	✓	-	✓	✓	✓	-	✓	-
CO3	✓	✓	-	✓	✓	✓	✓	-

Course Outcomes	Program Outcomes							
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
CO1	3	3	2	3	3	2	3	2
CO2	2	-	2	2	2	-	2	-
CO3	2	3	-	2	2	3	2	-
Average	2.33	3.00	2.00	2.33	2.33	2.50	2.33	2.00

Department: MICROBIOLOGY
PO ATTAINMENT USING CO (DIRECT METHOD)
CO PO MAPPING

Course code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	Average
144A	2.50	2.67	2.67	2.67	2.50	3.00	2.00	2.75	2.59
244A	2.75	2.50	1.50	2.50	2.00	2.33	2.25	2.67	2.31
344A	2.67	2.67	1.75	2.75	2.75	3.00	2.75	2.67	2.63
444A	2.75	2.00	2.50	2.25	3.00	1.50	1.25	1.50	2.09
544A	2.00	2.25	2.33	2.00	3.00	2.25	2.00	2.33	2.27
644A	2.75	2.33	2.33	2.50	2.75	2.50	2.25	2.67	2.51
859 LA	2.33	3.00	2.00	2.33	2.33	2.50	2.33	2.00	2.35

CO PO ATTAINMENT MATRIX

Course code	No. of students attempted	threshold value	no. of students above threshold	% students above threshold	Coursewise Attainment level
144A	86	> =B+	54	63%	2
244A	85	> = B+	49	58%	1
344A	83	> = A	82	99%	3
444A	82	> = B+	58	71%	3
544N	80	> = A	66	82%	3
644N	82	> = A	71	87%	3
859LA	34	> = A	28	82%	3

Attainment level

if the % of students scoring above threshold is

≥70% =3 attainment level

from 60 to 70% = 2 attainment level

< 60% = 1 attainment level

Letter	Percentage	Points
O	≥ 90% to 100%	10
A+	≥ 75 to < 90	9
A	≥ 60 to < 75	8
B+	≥ 55 to < 60	7
B	≥ 50 to < 55	6
C	≥ 45 to < 50	5
D	≥ 40 to < 45	4
F	≥ 40	0

MICROBIOLOGY DEPARTMENT ATTAINMENT COMPARISION

Course code	sem 1	sem 2	sem 3	sem 4	sem 5	sem 6	sem 6(optional)
Target attainment	2.59	2.31	2.63	2.09	2.27	2.51	2.35
Attainment achieved	2	1	3	3	3	3	3

Action taken :

- 1) More emphasis will be given for the courses which have attainment of less than 60%
- 2) Students are given assignments to write on important topics

Departmental activities

Academic Year	Activity
2018-19	Field visit -International Crops Research Institute for Semi-Arid Tropics (ICRISAT)
2019-20	Add on course - “Mushroom cultivation”
	Research Institute visit - Centre For Cellular and Molecular Biology (CCMB)
	Interdisciplinary practicals - Haematology
2020-21	National Webinar -'Winning the Covid Battle"
2021-22	Educational Tour - T.B Sanitorium
	Interdisciplinary practicals - Haematology
	Add on course - “Mushroom culture technology”
2022-23	Projects - Other than curriculum
2022-23	Industrial visit - Masqati Dairy Industry
	Milanotsav
	Interdisciplinary practicals - Haematology
	Research Institute visit - Central Food Technological Research Institute (CFTRI)
	College open Day
	Inter collegiate competitions
	Faculty development programme -“Molecular and Cytogenetic techniques”
2022-23	Projects - Other than curriculum
2023-24	Blood camp - Anemia Mukta Bharat
	National Science Day

2018-19

Field visit to ICRISAT

Department of microbiology has organised a visit to ICRISAT (International crop research institute for semiarid tropics) on 8th oct 2018 for B.sc III Year students.



2019-20

Add on course

Department of Microbiology has organised Add on course for B.sc I, II year students on “Mushroom cultivation” from 16th July 2019.



Visit to CCMB

Department of microbiology has organised a visit to CCMB (Center for cellular and molecular biology) on 26thSep 2019 for B.sc III Year students.



Interdisciplinary practicals

As a part of interdisciplinary practicals Microbiology department conducted haematology practical's for B.sc III year Biochemistry students



2020 -21

National Webinar

Department of microbiology has organised a national webinar on “Winning the covid battle” on 9th July 2020

Guest speaker –Dr.zehra Tayiba (covid relief team)

Moderator –Mrs. Nasreen Fatima (Principal Neo Rosary school)

-Dr. Alia Begum (Asst Professor- koti womens college)

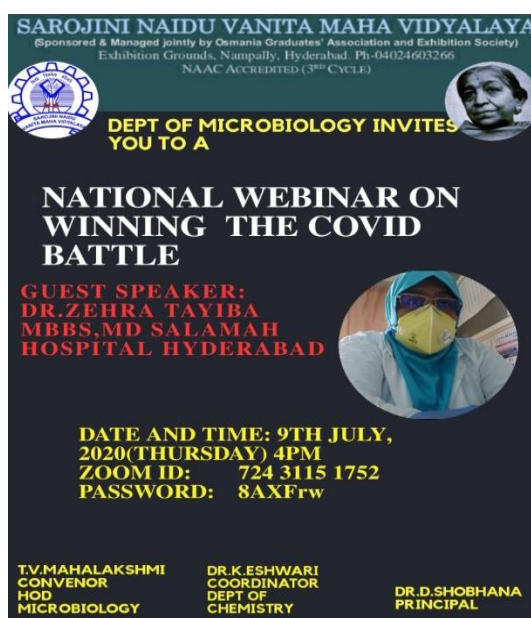
Coordinator – Dr. K.Eshwari (Asst Professor- SNVMV)

Convenor- T.V Mahalakshmi (HOD, Microbiology dept, SNVMV)

Objectives of the webinar:

To create awareness about covid virus, how to fight & overcome it

To gain knowledge about Pandemic infections, precautions & preventive measures to be taken.



SAROJINI NAIDU VANITA MAHA VIDYALAYA
(Sponsored & Managed jointly by Osmania Graduates' Association and Exhibition Society)
Exhibition Grounds, Nampally, Hyderabad. Ph-04024603266
NAAC ACCREDITED (3RD CYCLE)

DEPT OF MICROBIOLOGY INVITES YOU TO A

NATIONAL WEBINAR ON WINNING THE COVID BATTLE

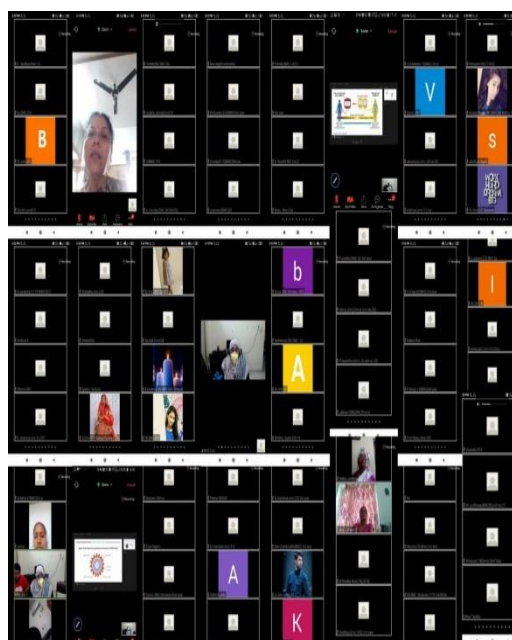
GUEST SPEAKER:
DR.ZEHRA TAYIBA
MBBS,MD SALAMAH HOSPITAL HYDERABAD

DATE AND TIME: 9TH JULY, 2020(THURSDAY) 4PM
ZOOM ID: 724 3115 1752
PASSWORD: 8AXFrw

T.V.MAHALAKSHMI
CONVENOR
HOD
MICROBIOLOGY

DR.K.ESHWARI
COORDINATOR
DEPT OF
CHEMISTRY

DR.D.SHOBHANA
PRINCIPAL



2021 - 22

Visit to T.B Sanitorium

Department of microbiology has organized Educational trip to T.B Sanitorium , Vikarabad on 12th march 2022



Interdisciplinary Practical's

As a part of interdisciplinary practicals Microbiology department conducted Haematology practicals for M.sc I year Nutrition students on 13.4.2022, 19.04.2022

Add on course

Department of Microbiology has organised Add on course for B.sc students on “**Mushroom culture Technology**” from 6.04.2022 to 25.05.2022

Projects out of curriculum

To have hands on experience, B.sc III Year students were assigned various project works on

- Mushroom cultivation
- Mass production of Trichoderma
- Mass Production of Rhizobium
- Production of Alcohol
- Production of different types of wines

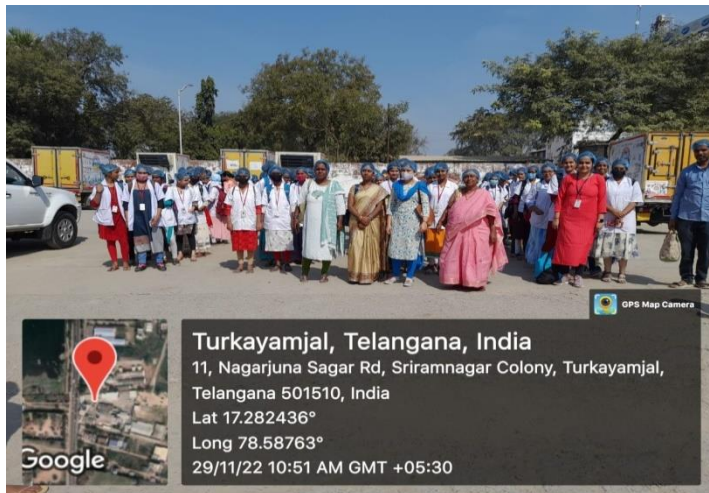


Industrial visit

Department of microbiology has organized Industrial visit to Masqati Dairy Industry on 29th Nov 2022

Students learned about:

- Processing of milk products such as flavoured milk, ice creams, curd etc.
- Sterilization of bottles, containers etc
- Manufacturing of butter etc.



Milanotsav

Microbiology department participated in alumni meet “Milanotsav” held on 3rd dec 2022 in tattoo making, mehendi designs, dolls making, registration etc.



Interdisciplinary Practicals

As a part of Interdisciplinary practicals Microbiology department and Zoology department
Two days workshop on “Haematological techniques” for M.sc I, II year zoology students on
2.2.2023, 6.02.2023



Research institute visit

Department of microbiology has organised a visit to CFTRI (Central food research technological research institute for b.sc final year and MLT students on 8th feb

Students gained knowledge regarding

- Separation of proteins by HPLC
- Packaging of various food products
- Various equipments for food processing



College open day

Microbiology department participated in college Open day for School students on 22.02.2023

School student got information about

- Microbiology subject
- Labs
- Instruments
- Equipments etc.



Inter collegiate competitions

Microbiology department conducted inter collegiate competitions on account of National science day 2023 on 24.02.2023



Faculty development programme

Faculty of Microbiology department has participated in 6 days faculty development program in “Molecular and cytogenetic techniques” organised by department of zoology from 27.02.2023 to 04.03.2023



Parents Teacher meeting

Parents teacher meeting was been held on 13th, 14th for II yr and III year students.
Parents teacher meeting was been held on 6th may 2023 for all the semesters students.



Projects out of curriculum

To have hands on experience, B.sc I, II, III Year students were assigned various project works on

- Mushroom cultivation
- Mass production of Trichoderma
- Mass Production of Rhizobium

2023 - 24

Anemia Mukht Bharat

Department of Microbiology & NSS has organised blood camp in collaboration with Janahitha seva trust on 9th&10th October 2023



National Science Day

Microbiology department has displayed the science projects by students on occasion of national science day on 28/2/2024 at department of Physics & Electronics

Winners Of Project exhibits on National Science Day 2024

Ist prize– C. Poojitha B.sc IIIyr (MB.Z.C) – Biogas production from cow manure using methanogenic bacteria

A. Chandana B.sc IIIyr (MB.Z.C) – Biogas production from cow manure using methanogenic bacteria

IInd prize –K. Lavanya B.sc IIIyr (MB.Z.An) –Microbial Fuel cell

IIIrd prize – Syed unaisa Begum B.sc IIyr (MB.Z.C) – Plastic degradation by Microbe

Adeeba Muskan B.sc IIyr (MB.Z.C) – Plastic degradation by Microbe

B. Sharon swarna Rose B.sc IIyr (MB.Z.C) – Plastic degradation by Microbe

Yasmeen Ali B.sc IIyr (MB.Z.C) – Plastic degradation by Microbe



Microbiology department Best practices:

- Hands on experience for students in collecting various samples.

Expected outcomes:

- Analyse the usage of various equipments used in lab during collection and preservation of samples.
- Explore and apply their practical knowledge in their future endeavours.



Faculty Achievements

Awards and Rewards received by Faculty

- **Dr. T.V Mahalakshmi, (Asso. Professor) HOD** was awarded Ph.D on the topic “Phytochemical investigation, Antimicrobial screening and herbal formulation of Amaranthaceae plants” on 29.08.2022.
- **R. Mamatha (Asst. Professor)** completed B.Ed during the year 2023
- Faculty of Microbiology also attended various FDP’s, Workshops, seminars, conferences.

Research and Innovations

Paper publications :

1. Paper publication – “Total phenolic content, flavonoid content, and antioxidant activity of alternanthera ficoidea” (L.) P.Beauv.IJBPAS,10(9):453-460,(2022)
2. Paper publication – “Evaluation of in vitro antiacne activity of Pupalia lappacea “(L.)Juss. Journal of pharmaceutical research international 34(15) 29-34,22 (2022)

Book publications:

1. Published book for telugu academy for B.sc IIIyr, BZC students , Generic elective for Botany – “Industrial Microbiology” unit I. (2022)

Patents:

Applied for patenting bearing application no:202341052726 titled “Phytosomal gel formulation for enhanced acne relief using plant extracts”.

Achievements received by Faculty

2018-2019

Dr. T.V Mahalakshmi

1. Participated in 5 days FDP on ‘Blended teaching & learning’ organized by IQAC in association with Department of computer science from 27-08-2018 to 31-08-2018.
2. Participated in 6 days FDP On “ Investment in Securities Market & Financial Planning” organized by IQAC in association with Department of Commerce, SNVMV from 11.03.2019 to 16.03.2019.
3. Organised 30 days Add on course on “Mushroom cultivation” for B.SC I yr & II yr in 2019

A. Ambica

1. Attended FDP program on Teaching Techniques & Methodology for teachers on 12.07.2018 & 13.07.2018 organised by, IQAC Sarojini Naidu Vanita Maha Vidyalaya.
2. Participated in 5 days FDP on ‘Blended teaching & learning’ organized by IQAC in association with Department of computer science from 27-08-2018 to 31-08-2018.
3. Participated in 6 days FDP On “ Investment in Securities Market & Financial Planning” organized by IQAC in association with Department of Commerce, SNVMV from 11.03.2019 to 16.03.2019.

R. Mamatha

1. Attended FDP program on Teaching Techniques & Methodology for teachers on 12.07.2018& 13.07.2018 organised by, IQAC Sarojini Naidu Vanita Maha Vidyalaya.
2. Organised 30 days Add on course on “Mushroom cultivation” for B.SC I yr & II yr in 2019

2019-2020**Dr. T.V Mahalakshmi**

1. Participated in 5 days FDP on ‘Art of Teaching’ organized by IQAC in association with Department of computer science from 23-09-2019 to 27-09-2019.
2. Participated in Webinar on journey towards health through yoga and naturopathy organized by Sri kanyaka parameswari arts & science College for women on 12th May 2020.
3. Participated in International webinar on updating skills in General microbiology organized by Keshav memorial institute of commerce and science on 16th May 2020.
4. Participated in National webinar on the impact of covid-19 on biodiversity organized by dept. Of botany, A.V College of arts, science and commerce on 22nd May 2020.
5. Participated in Webinar on stem cells and their applications held on 23rd may 2020 organized by Dept. Of zoology, SNVMV.
6. Participated in Two-day webinar on Employability opportunities on 23rd May 2020 and 24th may 2020 organized by the department of biotechnology in association with IQAC. ST. Joseph's College arts and science.
7. Participated in webinar on biodiversity: the life support system of earth organized by ECO club, dept. Of botany and food & Nutrition, RBVRR women’s college on 25th May 2020.
8. Participated in Webinar on statistics and Agriculture by prof.A. Dhandapani, principal scientist ICAR-NAARM organized by Dept. of statistics. Kasturba Gandhi degree & pg College for women on 27th may 2020.
9. Participated in Webinar on brain hacks to success organized by the department of English and other foreign Languages, SRM institute of science and technology, Ramapuram campus, on 30th May 2020.

R. Mamatha

1. Participated in 5 days FDP on ‘Art of Teaching’ organized by IQAC in association with Department of computer science from 23-09-2019 to 27-09-2019.
2. Participated in Two day online workshop on Blended Teaching & learning held on 14th& 15th April 2020
3. Participated in One Day International Webinar on “Teaching through the Pandemic” as part of Faculty Development Programme organised by Internal Quality Assessment Cell, Sardar Patel college held on 18th may 2020
4. Organised Add on course on “Mushroom culture technology” from 06-07-2022 to 25-05-2022.

Priyanka Sathe

- Participated in webinar on legal aspects of various offences committed against women and available legal sources.
- Participated in webinar on career opportunities in pharmacy and skills required , organised by SNVMV on 29th april 2020

2020-2021

Dr. T.V Mahalakshmi

1. Webinar on How to write a research paper organized by research committee - IQAC, SNVMV.
2. Participated in the world environment day 2020 event entitled foster biodiversity nurture nature organized by department of botany, Adi Kavi Nannaya University on 05.06.2020 through virtual mode.
3. Participated in Webinar on Reverse genetics in genomic era by department of biotechnology, A V college of arts, science & commerce on 7th June 2020
4. Participated in Two days National webinar on impact of covid-19 on quality of life and coping strategies Organized by the department of home science and IQAC, St. Joseph's college for women on 10 th & 11th June,2020.
5. Participated in Webinar on covid-19- A threat to hypersensitive and diabetic patients organized by the department of biochemistry, justice Basheer Ahmed Sayeed college for women on 11th June 2020
6. Participated in Ten days international online workshop on effective research method organized by Tamil nadu open University, Chennai and Thiagarajan college of preceptors 01. June.2020 to 12th. june.2020
7. Participated in webinar on Role of chemistry in mitigating Covid 19 organized by department of chemistry SNVMV on 13 th June 2020
8. Participated in international webinar on Covid 19 pandemic of coronavirus: underlying chemistry from cause to cure organized by department of chemistry, SNVMV on 15th June 2020
9. Participated in five days faculty development programme on research trends in image processing organized by Department of electronics and communication engineering, Gates institute of technology on 15th- 19th June2020.
10. Participated in webinar on research and publication organized by research committee -IQAC, SNVMV on 17th June 2020.
11. Participated in webinar on traditional diet and human well- being organized by the department of botany, Teresian college on 19 th June 2020
12. Participated in webinar on nutraceuticals and medicinal herbs for health and immunity organized by the department of botany & IQAC, St. Joseph's college of women on 20th June, 2020.
13. Participated in workshop on yoga at home and yoga with family organized by department of physical Education SNVMV on 20th June 2020.
14. Participated in National level quiz on yoga organized by department of physical Education, Andhra mahila sabha on 21st June 2020.

15. Participated in Two-day National webinar on information security: challenges & solutions organized by department of computer science and IQAC, St. Joseph's College for women on 22nd to 23rd June 2020.
16. Participated in National webinar on understanding business Analysis organized by the department of commerce and management, Andhra mahila sabha on 24 th June 2020.
17. Participated in international webinar on Advanced functional materials for biomedical & Energy organized by department of chemistry, Loyola college on 24th and 25th June 2020.
18. Participated in National webinar on Role and relevance of Natyashastra in performing arts in modern days organized by department of Sanskrit on 26th June 2020.
19. Participated in National webinar on Gender sensitivity through works of literature, organized by the department of English on 26th June 2020.
20. Participated in National webinar on basic concepts of analytical chemistry, organized by the department of chemistry on 27 th June 2020.
21. Participated in National webinar on cryptography and randomness organized by department of mathematics on 27th June 2020.
22. Participated in International webinar on How to become effective statisticians organized by department of statistics on 29th June 2020.
23. Participated in Webinar on Virtual cookery live demo conducted by the department of clinical Nutrition and dietetics in association with nestle on 29th June 2020.
24. Participated in National webinar on significance of social work profession in the context of New social environment organized by department of social work on 1st July 2020
25. Participated in Webinar on How to script a success story for yourself in a competitive world organized by department of English and other foreign languages SRM institute of science and technology, on 3rd July 2020
26. Participated in National webinar on building financial models - An integrated approach.
27. Participated in National webinar on applications of mathematics for engineers organized by the department of science and humanities, Bharat institute of engineering and technology on 4th,5th July 2020.
28. Participated in National webinar on organic synthesis so fascinating organized by the department of chemistry on 6th July.
29. Participated in National webinar on critical thinking organized by Sujatha degree and pg college for women on 10th July 2020
30. Participated in 3 days FDP on recent trends in technology and teaching learning microbiology from 9th to 11th July 2020.
31. Participated in National webinar on therapeutic applications of Ayurveda, Naturopathy and Homeopathy in Covid 19, conducted by the department of botany, Adi Kavi Nannaya University on 09.07.2020 on a virtual platform.
32. Participated in International webinar on impact of Indian culture on the world civilization special reference to Trinidad organized by the government degree college, zaheerabad on 10 th July 2020.
33. Participated in International webinar on Role of Nanotechnology in health management organized by the department of chemistry on 10th July 2020
34. Participated in National webinar on corporate sickness : socioeconomic, Political and legal issues , challenges and implications organized by St. Pious x p.g college for women on 11th,12th July 2020
35. Participated in Seven days FDP on recent trends in management organized by department of management, Gates institute of technology.

36. Participated in National webinar on impact of climate change on horticulture and agriculture in the present scenario organized by the department of botany in collaboration with IQAC , Anwar Uloom college.
37. Participated in Webinar on Philosophy and biology - New perspectives organized by department of microbiology , St. Pious x degree and PG college for women on 15 th July.
38. Participated in Webinar on Role of disinfectants in controlling novel coronavirus organized by the department of botany and microbiology in association with IQAC on 14th July 2020
39. Participated in National webinar on Post Covid challenges and opportunities organized by school of pharmacy, Nalla Narsimha Reddy on 16.07.2020.
40. Participated in National webinar on wildlife conservation and biodiversity organized by IQAC & department of zoology krantisiah nana patil college. On 17 th July 2020
41. Participated in Webinar on Covid 19 and the plight of consumers organized by consumer club on 20th July 2020.
42. Participated in Webinar on women empowerment for the social wellbeing in Indian context organized by Sri vatsa college of education and jointly organized by Bhartiya shikshan mandal on 28 July 2020
52. Participated in National webinar on issues and challenges of the women in Covid 19 Contexts organised by St. Johns college of education, on 29th July 2020.
53. Participated in National webinar on Classroom communication strategies for teacher trainees organised by St. Johns college of education on 2nd August 2020
43. Participated in National webinar on scholarly information resources in teaching, learning and research organized by St. Johns college of education on 6th August 2020
44. Participated in International webinar on environment and health in perspective of covid-19 organized by Paribesh sathi on 6th August 2020
45. Participated in International webinar on National education policy - 2020 with reference to atmanirbhar Bharat held on 10 th August 2020
46. Participated in National webinar on career opportunities and challenges in Indian capital & financial markets organized by department of commerce, Keshav memorial institute of commerce and sciences on 12 th August 2020
47. Participated in Webinar on health care approach for vivid organized by the department of biotechnology, Anna University on 13th &14th August 2020.
48. Participated in National webinar on development studies edition II : issues and prospects in urban development organized by department of sociology, Nizam college on 14 th August 2020
49. Participated in National webinar on Interactive LMS tools for effective teaching organized by Annimal college of Education for women on 15.08.2020
50. Participated in International webinar on Role of chemists in discovery of drug and vaccine for covid 19 organized by department of chemistry, University College of science, satavahana University ,on 16 th August 2020
51. Participated in Webinar on governance and the Indian economy during the pandemic organized by department of political science, University College for women, koti.on 17 th August 2020
52. Participated in National webinar on Creating opportunities and catalyzing innovations of students to startups organized by department of commerce, Telangana social Welfare residential degree college for women on 18th August 2020
53. Participated in International webinar on Basic sciences- 2020 organized by the department of basic engineering, seshayee institute of technology on 19 th August 2020

54. Participated in Webinar on Responsive governance and the Indian economy during the pandemic organized by department of political science, University College for women on 19 th August 2020
55. Participated in Chat with scientist, Dr. Dinesh Kumar, scientist G ICMR- National institute of nutrition on covid 19 pandemic organized by department of microbiology , Bhavan's Vivekananda college on 20 th August 2020
56. Participated in National webinar on Atmanirbhar Bharat abhiyan organized by department of economics, Basaveshwar commerce college on 21st August 2020
57. Participated in National webinar on Fundamental rights and duties of Indian citizens organized by department of commerce, Basaveshwar college on 23 rd. August 2020.
58. Participated in National webinar on Role of leadership management in good governance organized by IQAC , Kasturba Gandhi College on 25th August 2020.

A. Ambica

1. Participated in national webinar on fight against COVID-19 on 9th July 2020 organised by microbiology department, SNVMV.
2. Participated in International webinar on "Molecular biology- tools and applications" organized by department of microbiology Kasturba Gandhi degree and pg college on 12 June 2020
3. Participated in WEBINAR ON "COVID-19 a pandemic of Coronavirus: underlying chemistry from cause to cure" on 15 June 2020 organized by department of chemistry SNVMV
4. Participated in webinar on awareness and adoption of mooc courses on SWAYAM and NPTEL on 16 June 2020 held by SNVMV
5. Participated in Two day national online conclave on genetic counseling on 18 and 19 June 2020 by Aurora degree and pg college
6. Participated in National webinar on " basic concepts of Analytical chemistry" on 27 June 2020 organized by department of chemistry Andhra mahila Sabha arts & science college for women's
7. Participated in online youth summit on " My vision of AtmaNirbhar Bharth" on 8 July 2020 by department of sociology Nizam college
8. Participated in National webinar on ' winning the covid -19 battle" on 9 July 2020 by department of Microbiology SNVMV
9. Participated in online lecture series-9 on " Hampi a world heritage monument" on 12 June 2020 organized by sthapatyakalapariahat

R. Mamatha

1. Participated in online international webinar on molecular biology tools & applications held on 12 June 2020 organized by Kasturba Gandhi degree & pg college for women
2. Participated in Phytotherapeutics immune boosters to combat bacterial & viral disease organized by AMS arts & science college for women on 29 June 2020
3. Participated in webinar on research & publications organized by SNVMV on 17 June 2020
4. Participated in National webinar on winning the Covid battle organized by SNVMV on 9 July 2020
5. Participated on one day national webinar on impacts of climate change on horticulture & agriculture in present scenario on 13 July 2020 organized by Anwar uloom college
6. Participated on H NMR spectroscopy organized by Keshav memorial Institute of commerce and science on 27/6/2020

7. Participated in national webinar on Role of intellectual property rights in protection of invention & innovations organized by Rajalakshmagonda science institute Botany department in association with IQAC on 18th June 2021.
8. Participated in national webinar on Biodiversity & conservation ecosystem restoration organized by Botany department government degree college for women Begumpet on 29th June 2021.

Priyanka Sathe

1. Participated in webinar on career opportunities in pharmacy and skills required , organised by SNVPMV on 29th April 2020
2. Participated in webinar on legal aspects of various offences committed against women and available legal sources.
3. Participated in national webinar on winning the covid battle organised by SNVMV on 9.10.2020.
4. Participated in national webinar on uncovering the concept: Artificial intelligence, Organised by G.D Memorial college of management and technology on 26.06.21.
5. Participated in national webinar on building the competencies of teachers for blended learning environment, a step by step approach. Organised by Kasturba Gandhi degree and PG college for women on 12th June 2021.
6. Participated in national webinar on Human fungal infections with special reference in mucormycosis organised by B.M.S college for women on 10th June 2021.

2021-2022

Dr. T.V Mahalakshmi

1. Participated in 5 days FDP on 'Financial planning and Mutual Funds' organized by IQAC in association with Department of Business Management from 06-12-2021 to 10-12-2021

R. Mamatha

1. Participated in national webinar on catch the rain where it falls when it falls held on 4 September 2021 organized by IQAC department of life sciences government degree college koratla ,Jagtial
2. Participated in two days national online workshop on Hydroponics organized by department of botany SNVMV from 7th September to 8th Sep 2021.
3. Participated in national Quiz on teachers day organized by Botany department in association IQAC & NSS Government degree college koratla ,Jagtial 5/9/2021 to 5/10/2021 & secured 68 %.
4. Participated in 5 days FDP on 'Financial planning and Mutual Funds' organized by IQAC in association with Department of Business Management from 06-12-2021 to 10-12-2021.
5. Participated in five days national online FDP on mathematical modeling organized by dept of mathematics SNVMV from 6th to 11th April 2022.

Priyanka sathe

1. Participated in national webinar on Human fungal infections with special reference in mucormycosis organised by B.M.S college for women on 10th June 2021.
2. Participated in national webinar on building the competencies of teachers for blended learning environment, a step by step approach. Organised by Kasturba Gandhi degree and PG college for women on 12th June 2021.
3. Participated in national workshop on online learning , “Grow with google workspace” organised by st.Joseph’s college of education on 25th June 2021.
4. Participated in national webinar on uncovering the concept: Artificial intelligence, Organised by G.D Memorial college of management and technology on 26.06.2021.
5. Participated in the E-Quiz organized by K.R college of arts and science on 7.6.2021.

2022-2023

Dr. T.V Mahalakshmi

1. Awarded Ph.D On the topic Phytochemical investigation, Antimicrobial screening and herbal formulation of Amaranthaceae plants on 29.08.2022.
2. Participated in 5 days FDP on ‘outcome based education’ organized by IQAC in association with Department of Business Management from 05-12-2022 to 09-12-2022.
3. Attended 6 days faculty development programme in molecular and cytogenetic techniques organised by department of zoology from 27th Feb 2023 to 4th March 2023

Paper publication

1. Paper publication –Total phenolic content, flavonoid content, and antioxidant activity of alternanthera ficoidea (L.) P.Beauv.IJBPAS,10(9):453-460,(2022)
2. Paper publication – Evaluation of in vitro antiacne activity of Pupalia lappacea (L.)Juss. Journal of pharmaceutical research international 34(15) 29-34,22 (2022)

Book publications:

1. Published book for telugu academy for B.sc IIIyr, BZC students , generic elective for Botany –Industrial microbiology unit I. (2022)

A. Ambica

1. Participated in 5 days FDP on ‘outcome based education’ organized by IQAC in association with Department of Business Management from 05-12-2022 to 09-12-2022
2. Attended 6 days faculty development programme in molecular and cytogenetic techniques organised by department of zoology from 27th Feb 2023 to 4th March 2023

R. Mamatha

1. Participated in 6 days faculty development program in “Molecular and cytogenetic techniques” organised by department of zoology from 27.02.2023 to 04.03.2023

Priyanka sathe

1. Participated in 6 days faculty development program in “Molecular and cytogenetic techniques” organised by department of zoology from 27.02.2023 to 04.03.2023.
2. Attended 5 days FDP on “Art of teaching” organised by SNVMV in November 2022

2023-2024**Dr. T.V Mahalakshmi, HOD**

1. Participated in online certificate course on “Biophysical Methods and Analytical techniques” from 12th October 2023 to 18th October 2023
2. Participated and obtained A+ grade in “Online NEP Orientation & sensitization Programme” organized by UGC- Malaviya mission teacher training centre, Osmania University, Hyderabad, Telangana from 12.10.2023 to 21.10.2023.

A. Ambica

1. Participated and obtained A+ grade in “Online NEP Orientation & sensitization Programme” organized by UGC- Malaviya mission teacher training centre, Osmania University, Hyderabad, Telangana from 12.10.2023 to 21.10.2023


R. Mamatha

1. Completed B.Ed during the year 2023

Students Achievements 2023-2024

Student's Internship and Academic Fellowship :

1. Syeda Fameeda Begum has successfully completed IBM skills and CSRBOX Micro-Internship on Unlocking Data Insights using Excel from 6th November 2023 to 20th November 2023.
2. Afrah Fatima has successfully completed IBM skills and CSRBOX Micro-Internship on Unlocking Data Insights using Excel from 6th November 2023 to 20th November 2023.
3. SaadiyaTabbassum has successfully completed IBM skills and CSRBOX Micro-Internship on Unlocking Data Insights using Excel from 6th November 2023 to 20th November 2023.
4. Aarti Priya Biradar has successfully completed IBM skills and CSRBOX Micro-Internship on Unlocking Data Insights using Excel from 6th November 2023 to 20th November 2023.
5. P.Vaishnavi has been selected as a Counsellor for the voice Rewa Program in the month of August– September 2023.
6. K.Manisha has been selected as a Counsellor for the voice Rewa Program in the month of August– September 2023 .
7. M.Shravya has been offered an Academic summer fellowship to work with Dr. Bhor vikrant at ICMR- National institute for research in reproductive and child health, Mumbai from 26.06.23



K-2,493/3/26, Plot No.28,
Mithila Nagar Colony (Inside Kaman),
Banjara Hills, R.No. 12
Hyderabad-500034, Telangana

INTERNSHIP LETTER

Dear P. Vaishnavi from Sri Jagadha Veda Mahavidyalaya College/ University.


Congratulations on being selected as a Counsellor for the Her VOICE Rewa Program in the month of August 2023 – September 2023. This internship will include training (weekend, day school sessions and debrief sessions). At the end of this internship, you would have grown into a better leader who is able to communicate, manage a group and inspire many others effectively.

Established in the year 2011, VOICE4Girls is an NGO that works with marginalised adolescent girls in India to re-imagine their identities, capabilities and futures. Through activity-based camps, the mission of the organisation is carried out through a Program where adolescents are introduced to critical knowledge and life skills.

PROGRAM OUTLINE	
Title	Counsellor
Role	Mentor marginalised adolescents by teaching them critical knowledge and life skills through activity-based camps.
Program Location	
Program Type	In School Sessions
Internship duration	4 months
Start Date	August 2023
End Date	September 2023
Debrief Session	Last week of September

Comprehensive Training Dates: 25th, 26th, 27th, 28th of July

Refresher Training:
 Refresher Training 1: Last week of July
 Refresher Training 2: After session 7
 Refresher Training 3: After session 14



SCIENCE ACADEMIES
SUMMER RESEARCH FELLOWSHIPS – 2023
JOINING REPORT

To
 The Coordinator
 Science Education Program
 Indian Academy of Sciences
 C V Raman Avenue, P O No. 8005
 Bengaluru 560 080

I, I have been offered an Academy summer fellowship to work with Professor/Dr Bhor Vikrant at ICMR- National Institute for Research in Reproductive and Child Health, Mumbai.

I have taken up the summer fellowship with effect from 26/06/23 and have reported to my guide.

I undertake to work for a minimum period of 56 days with my guide in order to fulfill the fellowship requirements.


I am giving below the details of my bank account to enable the Academy to electronically transfer the payments due to me.

a. Name of bank: Punjab National bank
 b. Name of branch: Toopran
 c. Name of account holder: Masula Shravya
 d. Account No: 49400150005367
 e. Contact No. of account holder: 9840045222
 f. IFSC Code: PUNJ090100

*The 11 digit alpha-numeric code number printed in the bottom left corner can be obtained from your bank.

Signature of SRF: Masula Signature of Guide: M.V.
 Name: Masula Shravya Name: DR. BHORANT. M. BHOR
 Date: 26/06/2023 Date: 26/06/2023
 Email id: Shravyammasula14@gmail.com Email id: Bhorvikrant_vr@icmr.ac.in
 Application No: LE5110





K-2,493/3/26, Plot No.28,
Mithila Nagar Colony (Inside Kaman),
Banjara Hills, R.No. 12
Hyderabad-500034, Telangana

INTERNSHIP LETTER

Dear M. Manisha from Sri Jagadha Veda Mahavidyalaya College/ University.


Congratulations on being selected as a Counsellor for the Her VOICE Rewa Program in the month of August 2023 – September 2023. This internship will include training (weekend, day school sessions and debrief sessions). At the end of this internship, you would have grown into a better leader who is able to communicate, manage a group and inspire many others effectively.

Established in the year 2011, VOICE4Girls is an NGO that works with marginalised adolescent girls in India to re-imagine their identities, capabilities and futures. Through activity-based camps, the mission of the organisation is carried out through a Program where adolescents are introduced to critical knowledge and life skills.

PROGRAM OUTLINE	
Title	Counsellor
Role	Mentor marginalised adolescents by teaching them critical knowledge and life skills through activity-based camps.
Programs Location	
Programs Type	In School Sessions
Internship duration	4 months
Start Date	August 2023
End Date	September 2023
Debrief Session	Last week of September

Comprehensive Training Dates: 25th, 26th, 27th, 28th of July

Refresher Training:
 Refresher Training 1: Last week of July
 Refresher Training 2: After session 7
 Refresher Training 3: After session 14



K-2,493/3/26, Plot No.28,
Mithila Nagar Colony (Inside Kaman),
Banjara Hills, R.No. 12
Hyderabad-500034, Telangana

*Please Note: The location and travel plan will be shared with the letter on the basis of the training schedule. Participants should be flexible to take any mode of public transport and travel to the program location.

 * Interns should be 18 years old and above.
 * Internship for 4 months.

Gold Medal Winners

2018-2019

Heena Fatima bearing hall ticket no. 1175-16-457-009 of ZMC Secured Smt. SRIDEVI BAGGI MEMORIAL GOLD MEDAL for securing highest marks in B.sc III Microbiology



2019-2020

Ch.Shravya bearing hall ticket no. 1172-17-458-008 of BMC Smt. SRIDEVI BAGGI MEMORIAL GOLD MEDAL for securing highest marks in B.sc III Microbiology average of sem V & VI



2020-2021

Degree

K. Shirisha Reddy bearing hall ticket no. 1172-18-457-009 of ZMC Smt. SRIDEVI BAGGI MEMORIAL GOLD MEDAL for securing highest marks in B.sc III Microbiology average of sem V & VI



2021-2022

Degree

E. Srivani bearing hall ticket no. 1172-19-458-007 of BMC Smt. SRIDEVI BAGGI MEMORIAL GOLD MEDAL for securing highest marks in B.sc III Microbiology average of sem V & VI

2018-2019

1. M. Shivani (BMC) working as junior associate in clinical trials domain in Cognizant
2. D. Durga mythreyee (ZMC) completed diploma in Carnatic vocal, BA, musical vocal working as vocal veena teacher in Sree tumbura sangeethalayam.& online you tuber.
3. K. Arthi (ZMC) working as lab technician at Tapadia diagnostics.
4. D. Malathi (ZMC) working as clinical data coordinator in IQVIA, Bangalore.
5. C. Durgadivya (BMC) working as Senior assistant in research & development in pharma lab balanagar.
6. B. Mamatha (BMC) pursuing B.Ed 1st year.
7. A. Kavya (BMC) working as Image research specialist at calyx .hyd.
8. K. Saritha (BMC) working at Natco pharma limited in QC(MB), Kothur.
9. Balasaisree (ZMC) working as QC in Indian immunological Ltd, Gachibowli

2019-2020

1. P. Harathi of B.Sc microbiology has been awarded 1st prize in role play competition conducted on 8th & 9th feb 2020 organised by NSS wing and team Sambhava
2. K. Sandhya rani (BMC) working as process executive at Cognizant.
3. Sakina taiyebi (ZMC) working as Lecturer in community college Indore, MP.
4. Simran Jaiswal (BMC) working as manager at Goflytta company .
5. K. Geetanjali (BMC) working as teacher in Genesis school Kukatpally.
6. K. Shiresha (ZMC) working as process associate at Tech Mahendra (HI-tech city).
7. G. Sindhuja (ZMC) working in Amneal oncology pvt Ltd.
8. P. Rakshitha (BMC) joined in projectwork at JNTUH
9. K. Navya (BMC) working in TCS
10. K. Sowmya (ZMC) working as teacher in Kotividyalya school .
11. K. R. Manisha (ZMC) working in Provisbio labs Mytrinagar .

2020-2021

1. N. Vaishnavi of B.sc microbiology has participated in Inter college E- competition organized by A.V college of arts, science and commerce (Dept. of botany) on the occasion of International Day for Biological Diversity- 22 May 2021.
2. Syeda Shafiya Mehraj of B.sc microbiology has participated in Poster presentation on Role of snakes in environment held on 1st & 2nd March 2021

2021-2022

1. Syeda Shafiya Mehraj of B.sc microbiology has participated in the national level awareness E- QUIZ on Mosquito Born Diseases conducted on world mosquito day – 20th August 2021 and scored 85%.
2. N. Vaishnavi of B.sc microbiology has participated in the national level awareness E- QUIZ on Mosquito Born Diseases conducted on world mosquito day – 20th August 2021 and scored 85%.
3. Sana sultana of B.sc microbiology has participated in the national level awareness E- QUIZ on Mosquito Born Diseases conducted on world mosquito day – 20th August 2021 and scored 80%.

4. Fatima Kousar of B.sc microbiology has participated in Azadi ka amrut mahotsav : Poster and video Competition on covid-19 awareness sponsored by IIT- Delhi and won 3rd Prize held at NIRDPR hyd on 5th August, 2021.
5. Akanksha of MLT has participated in 8th Senior Inter District Sepaktakraw championship for men & Women at GHMC Indoor



2022-2023

1. Afrah Fatima of B.sc 1st year (MB.Bc.C) has participated in essay competition organised by HPCL on occasion of Vigilance awareness week on 29th Oct 2022 and has secured 2nd place
2. Saadiya student of B.sc 1st year (MB.Bc.C) of SNVMV has won 2nd Prize in E-Photography competition/ pet show competition held on November 12th 2022.
3. Afrah Fatima of B.sc 1st year (MB.Bc.C) of SNVMV has participated and won 2nd prize in E-photography Competition held on November 12th 2022.
4. A.Tejasri from MLT 2nd year (2021-22) was awarded gold medal for securing highest marks in academics.
5. N.Vaishnavi, Tapasya shinde of B.Sc final year has participated and won 2nd prize in poster Presentation organised by Microbiology department on 24.02.2023 on the occasion of National Science day.
6. Simran Palan and Sri Varsha mukthevi of B.Sc final year has participated and won 1st prize in Working model organised by Microbiology department on 24.02.2023 on the occasion of National science day.
7. M.Sanjana and M.Shwetha of B.Sc 2nd year has participated and won 2nd prize in working model Organised by Microbiology department on 24.02.2023 on the occasion of National science day
8. D. Lakshmi Tejasri of B.sc 1st year Participated and won 3rd prize in essay writing competition in Connection with 55th National library week celebrations.

2023-2024

1. Syeda Fameeda Begum has successfully completed IBM skills and CSRBOX Micro-Internship on Unlocking Data Insights using Excel from 6th November 2023 to 20th November 2023.
2. Afrah Fatima has successfully completed IBM skills and CSRBOX Micro-Internship on Unlocking Data Insights using Excel from 6th November 2023 to 20th November 2023.

3. SaadiyaTabbassum has successfully completed IBM skills and CSRBOX Micro-Internship on Unlocking Data Insights using Excel from 6th November 2023 to 20th November 2023.
4. Aarti Priya Biradar has successfully completed IBM skills and CSRBOX Micro-Internship on Unlocking Data Insights using Excel from 6th November 2023 to 20th November 2023.
5. Afrah Fatima studying in B.Sc 1st year at Sarojini Naidu Vanita Maha Vidyalaya College, has Participated in Essay competition organized by HPCL on the occasion of vigilance Awareness week on 29th Oct 2022 and has secured 2nd place under Degree group.
6. Syeda Fahmeeda Begum has participated in two day, part time HRH Next Live Project 2022.
7. Afra Fatima B.sc 2nd yr (MB Bc C) has participated in the inter class essay writing competition organized on the occasion of 77th Independence Day by department of social sciences on 14th august 2023.
8. Afra Fatima has successfully completed the NPTEL Online Certification 12 week's course in Genetic Engineering: Theory and Application.
9. Saadiya student of Sarojini Naidu Vanita Maha Vidyalaya has won 2nd Prize in E-Photography Competition/ pet show competition held on November 12th 2022.
10. Afra Fatima of B.Sc 2nd yr has participated in the essay writing competition in connection with 55thNational library week celebrations.
11. P.Vaishnavi has been selected as a Counsellor for the voice Rewa Program in the month of August– September 2023.
12. K.Manisha has been selected as a Counsellor for the voice Rewa Program in the month of August– September 2023.
13. M.Shravya has been offered an Academic summer fellowship to work with Dr. Bhor vikrant at ICMR- National institute for research in reproductive and child health, Mumbai from 26.06.23

Student support services:

- Department conducts parent teacher meetings
- Mentor and Mentee meetings
- We are providing career guidance for higher education and providing LOR's to pursue higher education in abroad
- Advance learners: Career guidance for future
- Remedial classes for slow learners
- Placement cell provides job opportunities to students.

DETAILS OF NCC STUDENTS

ACADEMIC YEAR	NAME OF THE STUDENT	GROUP
2018-2019	T. Sri chandana	ZMC
	K. Ramana	ZMC
2019-2020	M .Ramya	ZMC
	K. Ramana	ZMC
	K .Kinnera	ZMC
2020-2021	M .Navyasree	MB BC AN
	G. Tejasree reddy	ZMC
	P. Jhanavi jasmine	ZMC
	S. Laxmi Tejaswi	MB BC C
	B. Sindhu	MB Z AN
	M.Sai Pranathi	MB Z AN
	M.Jyothi	MB Z AN
	P.Mercy Elisabeth	MB Z AN
	K. Sandhya	MB Z AN
	V.Harshitha	MB BC C
2022-2023	N.Sindu sri	MB Z AN
	Farkhunda Fatima Nazneen	MB BC AN
	Arshiya sultana	MB BC AN



DETAILS OF NSS STUDENTS

Academic Year	Name of the student	Group
2018-19	Sai chandana	ZMC
	Jhansi bai	BMC
	K. Gouthami	BMC
	C. Divya	BMC
	D.Padmaja	BMC
	Arthi	BMC
	A.Harichandana	BMC
	Y.Ramya	BMC
	S.Sandhya rani	ZMC
2019-2020	M.Jyothsna	BMC
	K.Vasavi	BMC
	K.Niharika	BMC
	N.Bhargavi	BMC
	J.Manasa	BMC
	J.Chaitanya	BMC
	P.Varshita	BMC
	T.Vasundhara	BMC
	P.Tejasri	BMC
	K.Nikitha	BMC
	G.Krishna Priya	BMC
	L. Akansha	BMC
	B.Kiranmai	BMC
	J.Lavanya	ZMC
	D.Varshini	ZMC
	M.Vaishali	ZMC
	A.Amulya	ZMC
	M.Rishita	ZMC
	K.Ramana	ZMC
	D.Meghana	ZMC
	S.Nikitha	ZMC
	V.Laxmipriya	ZMC
	S.Manisha	ZMC
	L.Lavanya	ZMC
	D.Varshini	ZMC
	M.Vaishali	ZMC
	A.Amulya	ZMC
	M.Rishita	ZMC
	K.Ramana	ZMC
	D.Meghana	ZMC
	S.Manisha	ZMC
	G.shravani	ZMC
	P.Harathi	ZMC
B.Bhargavi	ZMC	
M.Nikita	BMZ	
M.Mounika	ZMC	

2020-2021	Thota Vinitha	MB.BC.B
	Jama Raveena	MB.Z.AN
	J.Nandini	ZMC
	Palla Sandhya	ZMC
	Ninekar Priyanka	ZMC
	K.Yamini	ZMC
	L.Shambhavi	MB.BC.C
	K.Bhargavi	MB.Z.C
	B.Varsha	MB.BC.AN
	T.Shravanthi	MB.Z.AN
	N.Vaishnavi	ZMC
	P.Mounika	ZMC
	Sindhuja Reddy	ZMC
	A.Bhavyasri	ZMC
	Sana Tarannum	ZMC
	Annu Sreeja	MB.BC.C
	K.Darshini Reddy	MB.BC.AN
	Y.Manasa	MB.BC.AN
	K.Padmavathi	MB.C.AN
	Likitha	MB BC AN
	A.Sreeja	MB BC C
	C.Vasav	MB BC C
	G. Nikitha	MB ZAN
	D.Maneesha	MB Z AN
	S.Sriharshini	ZMC
	N.Sanjana	ZMC
	P.Sandhya rani	ZMC
	G.Nandana reddy	MB BC C
	K.Krishnaveni	MB C AN
	S.Manisha	ZMC
	CH. Madhumathi	ZMC
	L.Akansha	BMC
Krishna priya	BMC	
P.Tejashwi	BMC	
D.Meghana	BMC	
V.Priyanka	BMC	
2021-2022	S.Sravani	MB Z AN
	Neetu Solanki	MB Z AN
	B.Chandana	MB Z AN
	B.Bhavya sri	MB Z AN
	J.Anjali	MB Z AN
	K.Kinnera	MB Z AN
	M.Akhila	MB Z AN
	N.Rohini	MB Z AN
	U.Mamatha	MB Z AN

2022-2023	N.Anusha	ZMC IIyr
	B.Bhavya	ZMCIyr
	G.Teashree reddy	ZMCIyr
	P.Akshitha	MB Z AN
	G.Vasanth	MB Z AN
	E.Keerthana	ZMCIyr
	E.Swetha	ZMCIyr
	P.Jahnavi Jasmine	ZMCIyr
2023-2024	Roseline Fatima	MB BC AN
	B.Sai Bhavani	MB Z AN
	S.Sravya sri	MB Z AN
	Joshi Amrutha	MB Z AN
	K.Nikitha	MB Z AN
	K.Kirthana	MB Z AN
	Ankitha	ZMC
	Harsha chandana	MB BC AN
	K.Esha sri	MB Z AN
	Padmati Akshitha	MB BC AN
	Dimple Joshi	MB Z AN
	Kalyani	MB Z AN

Students UG to PG Progression

ACADEMIC YEAR	GROUP	NAME	PGCET RANK	PROGRESSION
2018-2019	BMC	M. Shivani	967	M.Sc Microbiology, Chaitanya deemed to be hanumankonda, Warangal
	ZMC	Durga mythrye	515	M.Sc Microbiology, Janhavi degree & PG College
	ZMC	G. Nandini	2147	M.Sc Microbiology, Janhavi degree & PG College
	ZMC	K. ARTHI	910	M.Sc Microbiology, Sri Vani Degree & PG College
	ZMC	Heena fatima		M.sc Zoology, Koti womens college
	ZMC	D.Malathi	211	M.Sc Microbiology Kakatiya
	BMC	Ch.Tulasi	557	M.Sc Microbiology, Pragathi College
	BMC	B.Mamatha	1584	M.Sc Microbiology ,Govt.College for Womens
	BMC	A. Kavya	400	M.Sc Microbiology, Bhavans Vivekananda College.
	BMC	K.Saritha	369	M.Sc Microbiology, Aurora Degree & PG College
	BMC	K.Sai Sindhuja	1037	M.Sc Microbiology, MNR Degree & PG College
	BMC	Grace Naveena	1099	M.Sc Microbiolgy, Bhavans Vivekananda College
2019-2020	ZMC	K.Shruthi	787	M.Sc Microbiolgy, St.Pious
	ZMC	M.Manasa	856	M.Sc Zoology, TARA Govt. Degree & PG College, Sangareddy
	ZMC	P.Shravani	577	M.Sc Organic Chemistry, SNVMV, Hyd.
	BMC	K.Sandhya Rani	716	M.Sc Microbiolgy, MNR PG College, KPHB
	ZMC	K.Alekhyia	704	M.Sc Microbiology
	ZMC	K.Kalpana	5368	M.Sc Chemistry Sri Vani degree & pg college
	ZMC	A.Vijaya	6442	M.Sc Chemistry, Gayathri degree & PG College, Wanaparthi.
	ZMC	A. Divya	33	M.Sc Microbiology, O.U
	ZMC	R. Sai Tejaswini	3084	M.Sc Microbiology, Aurora degree & PG Collge
	ZMC	G. Sindhuja	1671	M.Sc Microbiology, St. Pious degree & PG College
	BMC	G. Srilekha reddy	247	M.Sc Microbiology, St. Pious degree & PG College
	BMC	A. Girija	200	M.Sc Environmental Science, O.U
	BMC	P. Rakshitha	195	M.Sc Chemistry
	ZMC	K.R Manisha	3307	M.Sc Microbiology, Siddhartha degree and Pg College

	ZMC	P.Sneha	1295	M.Sc Microbiology, Vagdevi degree & Pg College, Warangal
	ZMC	Rahath Anjum	1106	M.Sc Biochemistry, St. Pious degree & pg college
	BMC	L. Pooja	137	M..Sc Microbiology JNTUH
	ZMC	K. Shirisha	435	M.Sc Microbiology, St. Pious degree & PG College
	ZMC	T.Srichandana	311	M.Sc Food Science & Technology, Vaageshwari degree & pg clg, Karimnagar
	ZMC	C.Shivaneela	514	M.Sc Microbiology, Avanthi degree & Pg College
	ZMC	A.Vijaya	6442	M.Sc Chemistry
	ZMC	Vennela	900	M.Sc Microbiology, st.Pious degree & PG College
2021-2022	ZMC	V.Lakshmi Priya	2375	M.Sc Microbiology, Pragathi degree
	ZMC	S.Manisha	658	M.Sc Microbiology, M.N.R Degree
	ZMC	B.Akshitha	13876	B.Ed, SRM College of Education, Saroornagar
	ZMC	R.Meenakshi	213	M.Sc Microbiology
	BMC	T.Hansika	1171	M.sc Microbiology, Siddhartha Degree & PG College
	ZMC	P.Vennella		Chemist in Vitro Labs Hyderabad.
2022-2023	ZMC	Sri Varsha muktevi	132	M.Sc Microbiology, central University of Tamilnadu
	MBBCAN	B. Varsha		M.Sc Nutrition & dietetics, symbiosis international University.
	ZMC	Sri ram sri Harshini	1245	M.Sc Microbiology, St. Pious x degree and PG College
	ZMC	G.Keerthi Reddy	1118	M.sc Microbiology, Bhartiya vidya bhavan's
	MBCAN	Shivani shinde	33	M.Sc food science tech., Koti women's college
	ZMC	P.MadhuPrateksha	412	M.Sc Microbiology, St. Pious x degree and PG College
	MBBCC	T.Vinitha	445	M.Sc Microbiology, Bhavan's Vivekananda College.
	MBBCC	A.Sreeja	239	M.Sc Biotechnology, OU Saifabad
	ZMC	Syeda Ayesha Siddique	925	M.Sc Microbiology Ideal degree & PG College
	ZMC	Sana Sultana	1656	M.Sc Microbiology Ideal degree & PG College
	ZMC	Syeda Safoora Begum	5925	B.Ed Ghulam Ahmed Collegw of Education
	ZMC	Ameena Sultana	38	M.Sc
	MBBCC	A.Amrutha	46	M.Sc
MBZAN	J.Raveena	1448	B.Ed	

	MBZAN	J.Poojitha	397	M.Sc Nutrition ,Siddhartha Women's College.
	MBZAN	B.Shivani	1522	M.Sc Nutrition
	ZMC	Simran Palan		M.Sc food Science & tech.University college of science
	MBBCC	Kauser Shubani	464	Aurora's Degree & PG College
	MBZAN	B.Rishitha Gayathri		M.Sc Microbiology JNTUH
	MBBCC	M.Santhoshi	917	M.Sc Microbiology ,Bhavan's College
	ZMC	P.Aishwarya		M.Sc Microbiology JNTUH

CPGET - 2023
OSMANIA UNIVERSITY - HYDERABAD

Logout

Candidate Details :

HT.No : 72088250003	Rank : 464
Name : KAUSER SUBHANI	Gender : F
Father's Name : SHAH MOHD ASFIYA QUADRI	Date of Birth : 19-04-2002
Category : BC-E	Region : OU
Parental Income : Lower	Special Category :

Provisional Allotment Details :

Alloted College : Aurora's Degree & PG College, Chikkadpally, Hyderabad.	
Course : M.Sc. Microbiology	College Type : OU Affiliated
Alloted Category : PAY_OPEN_OU_GEN	Payment Type : Payment

CPGET - 2023
OSMANIA UNIVERSITY - HYDERABAD

Acknowledgment Card
Phase II

Acknowledgment No: 43007

Candidate Details

HT.No	72088250003	Roll No	917
Name	KAUSER SUBHANI	Gender	F
Father's Name	SHAH MOHD ASFIYA QUADRI	Date of Birth	04-09-2002
Category	BC	Region	OU
Parental Income	Lower	Special Category	

Provisional Allotment Details

Alloted College	Osmania's Vidyapeeth College of Science, Humanities & Commerce (Autonomous), Sarifnagar, Brundavanpally
Course	M.Sc. Microbiology
Alloted Category	PAY_OPEN_OU_GEN
Payment Type	Payment

Payment Details

Course Fee Rs.	22000.00 /-
Amount paid Previously Rs.	800.00 /-
Fee paid Rs.	20 /-

Instructions to candidates

- Report to the respective college and submit the acknowledgment card.
- Produce all original certificates for their verification within the stipulated time.
- Other than production the candidates should submit Admission order and joining report from the college authorities. The signed copy of joining report along with the original TC have to be submitted at the college.
- Bring the sets of photographs (total of all certificates for submission of the respective colleges).
- After payment of Tuition Fee, if the candidate carries the previously allotted seat, the candidate will forfeit the Counseling fee of Rs.600/-.
- Limited hostel accommodation is available for girls & boys.
- The expenses for hostel, admission in OU.
- hostel admission will be given as per OU hostel admission guidelines.

Principal
OSMANIA UNIVERSITY - HYDERABAD



CPGET - 2021
DIRECTORATE OF ADMISSIONS :
OSMANIA UNIVERSITY, HYDERABAD

RANK CARD

Hall Ticket No. : 72095670014	Community : OC
Candidate's Name : K SHRISHA REDDY	Date of Birth : 29/08/2000
Father's Name : K SRINIVAS REDDY	
Test Name : M.Sc. Biochemistry / Environmental Science / Forensic Science / Genetics / Microbiology (BCESFG&M)	
Marks Obtained : 41	
Rank : 435	

Principal

St. Pious X Degree & PG College for Women
 Affiliated to Osmania University
 Re-accredited by NAAC with 'A+' Grade
 Snehapuri Colony, Nacharam, Hyderabad-500 076
 M. : 7880924460, 7893324460, E-mail : stpiuscollege@yahoo.co.in

G. SINDHUJA
M.Sc (Microbiology)
 Roll No. : 1212-20-518-028
 Father Name : G. Srinivasulu
 Phone No. : 8501050920, 95500682
 D.O.B. : 27.09.1997
 Validity Yr : June 2020 - May 2022

H.No. 18-4-21, Doddaloniipally (V), Mahabubnagar (M & D) 509 001

TS Ed.CET - 2023
 Telangana State Education Common Entrance Test,
 Conducted by Osmania University, Hyderabad on behalf of TSCET

RANK CARD

Application No. : 3311030760	Area : Osmania University(OU)	Hall Ticket No. : 2315101035
Candidate's Name : JAMA HAVENA	PH : NO	
Date of Birth : 18/07/2000	NCC : NO	
Father's Name : JAMA THANEESHA	Sports : NO	
Mother's Name : BARKHE	CAP : NO	
Gender : FEMALE	Category : SC	

Total (Max. Marks)	150	State Rank	1448
Marks Secured	80.213907	Status	QUALIFIED

NOTE: Admission is subject to fulfillment of the eligibility qualifications.

The above are, the particulars of marks, rank secured by you in the TS Ed.CET-2023 for admission into B.Ed (Two Years) Course for the year 2023-2024.

NOTE :

- Qualifying marks for candidates other than SC & ST Categories is 38.
- No minimum qualifying marks for SCs & STs.
- NO provision for re-totalling, revaluation or for personal verification of answer sheets.
- If there is any discrepancy in personal data, the candidate is requested to bring it to the notice of the Convener for necessary corrections at the earliest.
- The candidates should preserve this Rank Card carefully and they have to submit it at the time of admission.
- Getting rank in the entrance test does not automatically entail a candidate for admission. As per NCTE (Recognition norms and procedure) Regulations 2014, the admission is subject to the fulfillment of following conditions.
 - In any Bachelors Degree i.e. B.A, B.Com, B.Sc, B.Sc (Home Science), BCA, BBM, B.A (Oriental Languages), BBA or in the Masters Degree, securing at least 50% aggregate marks.
 - Bachelors in Engineering or Technology with 50% aggregate marks or any other qualification equivalent thereto.
 - However, candidates belonging to the reserved categories viz. SC/ST/BC and other reserved

UNIV. COLLEGE FOR WOMEN (AUTONOMOUS)
 Koti, Hyderabad-500 095. (T.S.)

STUDENT IDENTITY CARD

Name **CH. DURGA DIVYA**
 D/o. **CH. YADAGIRI**
 M. Koushika
 Glassic phase - Roll No. 5208752048
 Molecular Chemistry
 Renewal 1st Year 2019 - 2020 (I yr)
 Renewal 1st Year 20 - 2021 (II yr)

Principal

CPGET - 2023
 OSMANIA UNIVERSITY - HYDERABAD

Acknowledgement Card
 Phase I

Acknowledgement No: 29255

Candidate Details :	
HT.No. : 72087520122	Rank : 412
Name : PAKA MADHU PRATEEKSHA	Gender : F
Father's Name : PAKA LAXMAN MADHUSUDAN	Date of Birth : 07-12-2002
Category : BC-A	Region : OU
Parental Income : Lower	Special Category :

Provisional Allotment Details :			
Allotted College	: St. Pious X Degree & PG College for Women, Nacharam, Hyderabad.	College Type	: OU Affiliated
Course	: M.Sc. Microbiology	Payment Type	: Payment
Allotted Category	: PAV_OPEN_OU_FEMALE		
Allotted in	: Phase I		

TS Ed.CET - 2023
 Telangana State Education Common Entrance Test,
 Conducted by Osmania University, Hyderabad on behalf of TSCET

RANK CARD

Application No. : 33118827	Area : Osmania University(OU)	Hall Ticket No. : 2335101653
Candidate's Name : AYESHA SIDDIQIA	PH : NO	
Date of Birth : 21/09/2003	NCC : NO	
Father's Name : MIRZA MAHEED SILLA BANO	Sports : NO	
Mother's Name : BEHANA BEGUM	CAP : NO	
Gender : FEMALE	Category : OC	

Total (Max. Marks)	150	State Rank	1783
Marks Secured	51.948364	Status	QUALIFIED

NOTE: Admission is subject to fulfillment of the eligibility qualifications.

The above are, the particulars of marks, rank secured by you in the TS Ed.CET-2023 for admission into B.Ed (Two Years) Course for the year 2023-2024.

- Qualifying marks for candidates other than SC & ST Categories is 38.
- No minimum qualifying marks for SCs & STs.
- NO provision for re-totalling, revaluation or for personal verification of answer sheets.
- If there is any discrepancy in personal data, the candidate is requested to bring it to the notice of the Convener for necessary corrections at the earliest.
- The candidates should preserve this Rank Card carefully and they have to submit it at the time of admission.
- Getting rank in the entrance test does not automatically entail a candidate for admission. As per NCTE (Recognition norms and procedure) Regulations 2014, the admission is subject to the fulfillment of following conditions.
 - In any Bachelors Degree i.e. B.A, B.Com, B.Sc, B.Sc (Home Science), BCA, BBM, B.A (Oriental Languages), BBA or in the Masters Degree, securing at least 50% aggregate marks or any other qualification equivalent thereto.
 - Bachelors in Engineering or Technology with 50% aggregate marks or any other qualification equivalent thereto.
 - However, candidates belonging to the reserved categories viz. SC/ST/BC and other reserved categories should have secured 40% marks in the qualifying examination.
 - Candidates should be required to produce marks sheet and pass certificate at the time of Counseling for Admission.
 - Candidates belonging to reserved categories viz. SC/ST/BC and other reserved categories should have secured 40% marks in the qualifying examination.
 - Candidates belonging to a Master Degree without having undertaken Under Graduate study are not eligible for admission.

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 (Autonomous)
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 M. : 7880924460, 7893324460, E-mail : stpiuscollege@yahoo.co.in

SRRAM SRIHARSHINI
M.Sc (Microbiology)
 Roll No. : 1212-23-518-022
 Father Name : Sriram Karunakar
 Phone No. : 8121656867
 D.O.B. : 22.09.2002
 Validity Yr : 2023 - 2025

Principal

H.NO. 11-4-AP0017, Brundavan Colony Appannapally, Mahabubnagar 509001

JNTU UNIVERSITY COLLEGE OF ENGINEERING, SCIENCE & TECHNOLOGY HYDERABAD
 Kukatpally, Hyderabad - 500085

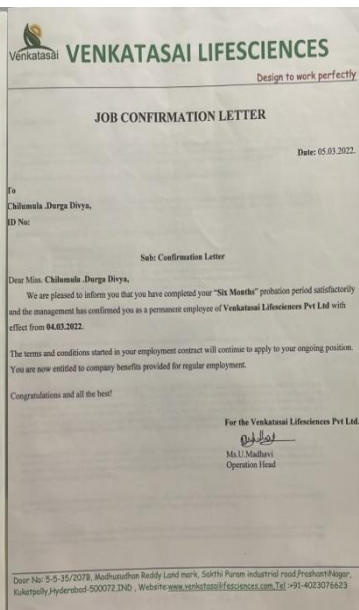
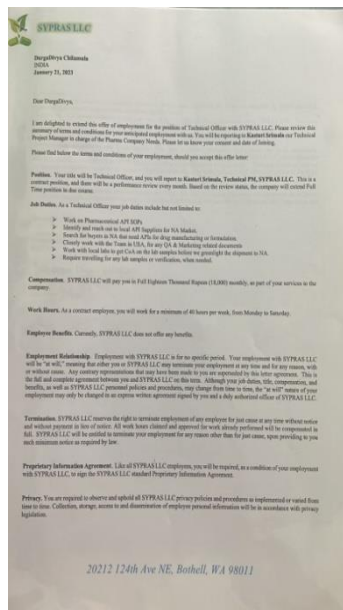
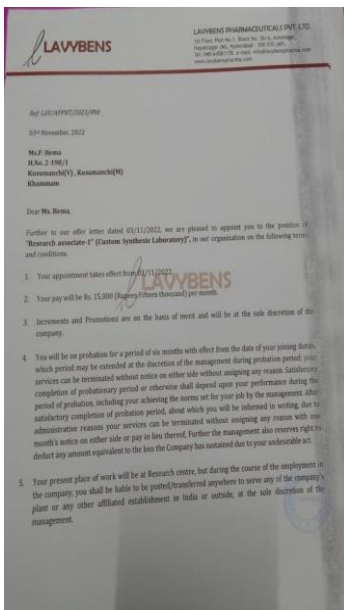
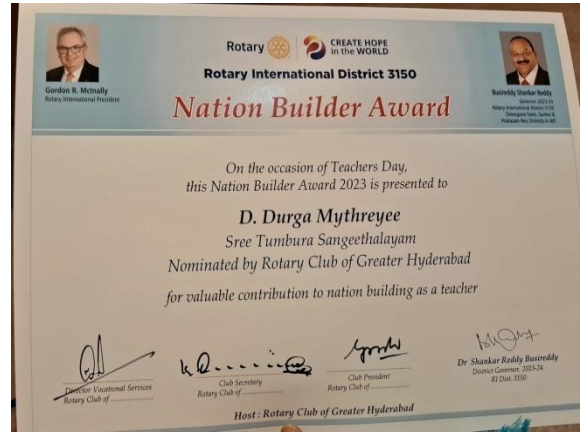
AISHWARYA PILLI

Roll No. : 23011G1926
 Course : M.Sc.
 Branch : Microbiology
 D.O.B : 29-12-2002
 Validity : September 2025

STUDENT SIGNATURE _____ PRINCIPAL _____

Students placements

Academic year	Group	Name of the student	Position
2019	BMC	M. Shivani	Jr.associate in clinical trials domine in cognizant
	ZMC	D. Durga mytheryee	<ul style="list-style-type: none"> • Working as vocal and Veena teacher in Sree tumbura sangeethalayam Hyderabad. • Teaching vocal and veena through online and youtube. • Awarded with SANGEETHA RATNAKARA AWARD for doing music therapy for cancer patients in MNJ HOSPITAL.
	ZMC	D. Malathi	Clinical data coordinator in IQVIA Bangalore
	BMC	C. Durga divya	Senior assistant in research & development in pharma lab balanagar Trainee chemistry cadre with Venkatasai life sciences Technical office at SYPRAS LLC
	ZMC	K. Aarthi	Lab technician at Tapadia diagnostics
	BMC	A.Kavya	Imaging research specialist at calyx, Hyd.
	ZMC	Bala sai sri	Indian Immunologics
		Divya	Medical coder at Avodha
	ZMC	Heena	Zoology lecturer at Sri Vaishnavi Jr. college
	ZMC	K.Niharika	Executive sample collection in life cell international private Ltd.
	BMC	K.Saritha	Working at NATCO Pharma Limited in QC(MB), Kothur
2020	BMC	Girija	Civils coaching
	ZMC	P.Sravani	Asst. Prof in Sri Devi engineering college
	ZMC	G. Sindhuja	Technical Assistant in Quality control Amneal Pharmaceuticals, Jadcherla, Mahabubnagar.
	ZMC	B. Divya	Analyst in QC- Microbiology Cohance Life sciences Location: IDA Nacharam Designation
	BMC	Simran Jaiswal	Customer success manager at Goflytta
	ZMC	K. Alekhya	Technical assistant in Analyst Microbiology, Shamirpet, Hyd.
	ZMC	Ch. Jahnvi	Product specialist in Apollo Health city, Jubilee hills.
	BMC	P. Hema	Chemist in Pharma departmentat Dr. N.S labs Cherlapally, Hyderabad.
	ZMC	A AISHWARYA LAKSHMI	HGS
2021	ZMC	K. Shirisha	Executive Microbiologist In MSN labs, Patancheru, Hyderabad.
	ZMC	P.Vennela	Chemist in Vitro labs Karmanghat



LIST OF EMINENT ALUMNA

S.NO	NAME	BATCH	PHONE NO	PRESENT POSITION
1	Pavithra vani karsha	1998	9490789111	Vice principal in govt degree college.
2	R. Bhagyalaxmi	2005	9848082779	Lecturer in Sri Chaitanya jr college
3	G.Padmini	2007	9603262365	Working at Somajiguda Dr. Kiran's Diabetic clinic
4	Sravanthi	2009	9908347558	Working at Transdyne services Ltd.
5	M. Rajini	2009	9441376293	Working at cherlapalli in online health library
6	D. Santosh kumari	2009	9039842567	Life science IQAC coordinator
7	B. Sukanya	2010	9247180743	Teacher in GHS red cross school
8	Meraj fatima	2012	8801524304	Lecturer in Reddy college
9	J. Priyaradhana	2013	9392092247	Working at Vijaya Diagnostics centre – Radiology section
10	Smruthi	2014	8309865159	Lab technician in tenet diagnostics.
11	Yoga priya	2015	8106677213	Working at Biological E Limited.
12	Amtul kaveema	2016	8801138113	Working at Trulife diagnostic centre
13	B. Priyadarshini	2016	9347680427	Advocate in metropolitan criminal court.
14	Atmika mrunalline	2017		Junior Assistant at T.S Forensic Science laboratory Police department
15	Mrunalline	2017	8106702038	Jr. Asst in Telangana state forensic science laboratory
16	V. Pravalika	2018	8367536010	Working as payment poster IKS health
17	V. Sai leela	2018	9542645887	Secretary Correspondent of Sri Sai School Narayanpet.
18	Sunayana	2018	7794918279	Biju's chemistry
19	Bharathi	2018	9652904340	Working at Amazon
20	Vaishnavi	2018	9133233762	Sports judo coach
21	P. Mallika	2018	7207669639	Medical coder in corro health
22	Divya	2019	7981678316	Science teacher in Scholars school
23	M. Shivani	2019		Jr.associate in clinical trials domine in cognizant
24	D. Durga mytheryee	2019	8008093346	Music teacher in Sri Tumbura sangeethalayam
25	D. Malathi	2019	9491807266	Clinical data coordinator in IQVIA Bangalore
26	C. Durga divya	2019	7396824938	Senior assistant in research & development in pharma lab Balanagar
27	K. Aarthi	2019	8019520038	Lab technician at Tapadia diagnostics
28	A. Kavya	2019	9948486266	Imaging research specialist at calyx, Hyd.
29	Bala sai sri	2019		Indian Immunologics
30	Divya	2019	7981678316	Medical coder at Avodha
31	Heena	2019	7075484505	Zoology lecturer at Sri Vaishnavi Jr. college
32	K.Niharika	2019	9533571211	Executive sample collection in life cell international private Ltd.
33	K.Saritha	2019		Working at NATCO Pharma Limited in QC(MB), Kothur
34	P.Sravani	2020	9398179998	Asst. Prof in Sri Devi engineering college
35	Girija	2020	6300792564	Civils coaching

SWOC analysis of the department

STRENGTH

- Experience faculty
- Well-equipped and maintained Labs
- Highly motivated students
- Project works for all students
- Employment oriented training

WEAKNESS:

- Dropout of the students from second year as they get chances in B.Pharmacy, NEET and EAMCET.
- Due to semester system students are not able to get enough time to project and field work

OPPURTUNITIES:

- Microbiology students get good employment in pharmaceutical
- Labs, food industries, beverage industries, lab technician in various research & hospital labs and Medical transcriptionist
- Higher education opportunities
- Training & internship opportunities in various eminent institutes like ICMR, CCMB

CHALLENGES:

- Our challenge is to enhance the students to take the microbiology subject so that they can have good opportunities in their career as microbiologist in different fields of Agriculture, medical, Sewage treatment, water treatment, industries like foodBeverage, Pharmaceutical etc.,
- Standardizing and improving the facilities according to norms of other standard laboratories in the twin cities.
- Tie ups with industries like CCMB, CFTRI,NIN, TB sanatorium and industrial visit like Masqati, etc., is a challenge as they are not giving opportunity to UG students

FUTURE PLAN

- The department aims to standardize and improve the facilities according to norms of other standard laboratories in the twin cities.
- The department plans to Organise workshops so as to update the knowledge, techniques in various fields of Microbiology.
- Department also plans to make MOU's with various hospitals and labs.

Faculty Profile

CURRICULUM VITAE

Name	: Dr. T.V MAHA LAKSHMI
Qualification	: M.Sc., M.Ed, Ph.d
Educational profile	: S.S.C - Govt. High School V.N.C. -1980 Inter - B.P.C.-Stanely Girls Jr. College -1982 Degree – B.Sc (B.Z.C) S.N.V.M.V. Hyd. -1985 B.Ed. – Biology,Telugu – A.M.S -1986 M.Ed – Ed. Admn & Management Comprehensive College 1988 M.Sc (Microbiology) – O.U. – 1990 Ph.d – in Botany- 2022
Date of joining	: 5th Aug. 1993
No. of years of service	: 30 years
Designation	: Asso. Professor, HOD – Microbiology Dept.,
Date of birth	: 29.08.1965
Address	: H.NO. 10-3-761/44B, Vijaya Nagar Colony, Hyderabad – 500 057
Mobile No	: 9360421220, 7995438270.

Member and Membership

1. BOS member of Intermediate Board syllabus committee
2. BOS member of OU- Microbiology Department.
3. Committee member in Restructured Vocational Curriculum Board of Intermediate – 2000.
4. Member in Board of Studies – Microbiology, O.U. 2003 – 2005.
5. Paper setter of Intermediate Voc-MLT
6. Paper setter of OU,Koti Women’s College, Nizam College, St.Francis , RBVR-Reddy college
7. Life Member in Indian Science congress association (ISCA)
8. Member in Association of Microbiologist of India (AMI) 2023
9. Professional body membership in Association of Microbiologist of India 2023-2024
10. Member in Timetable committee, SNVMV
11. Member in Institution’s innovation council, SNVMV

National and international Seminars & webinars Attended

1. Participated in National Seminar on “Currents Trends in Medicinal Botany for Public Health in the Era of Biotechnology” on 7th& 8th Oct - 2004, Organized by Department of Botany, S.N.V.M.V, Hyderabad
2. National seminar on “Recent Trends in Microbial Genetics” on 22nd and 23rd July 2015 at GDC(W), HussainAlam, Hyderabad.
3. Participated in two days National seminar on “Recent Advances in food biotechnology” organized by departments of microbiology and biochemistry of Bhavan’s Vivekananda college of Science, Humanities and Commerce on 17th&18th Feb 2016

4. Participated in National seminar on “Frontiers in Microbial Biotechnology” on 22nd and 23rd Feb 2017 Organized by Department of Microbiology, Osmania University, Hyderabad, T.S.
5. Participated in One day seminar on “Women in Science” organized by The Indian Science Congress Association(ISCA) in collaboration with Sarojini Naidu Vanita Mahavidyalaya on 14th sep 2017.
6. Participated in 5 days FDP on ‘Blended teaching& learning’ organized by IQAC in association with Department of computer science from 27-08-2018 to 31-08-2018.
7. Participated in 6 days FDP On “ Investment in Securities Market & Financial Planning” organized by IQAC in association with Department of Commerce, SNVMV from 11.03.2019 to 16.03.2019.
8. Participated in 5 days FDP on ‘Art of Teaching’ organized by IQAC in association with Department of computer science from 23-09-2019 to 27-09-2019.
9. Participated in Webinar on journey towards health through yoga and naturopathy organized by Sri kanyaka parameswari arts & science College for women on 12th May 2020.
10. Participated in International webinar on updating skills in General microbiology organized by Keshav memorial institute of commerce and science on 16th May 2020.
11. Participated in National webinar on the impact of covid-19 on biodiversity organized by dept. Of botany, A.V College of arts, science and commerce on 22nd May 2020.
12. Participated in Webinar on stem cells and their applications held on 23rd may 2020 organized by Dept. Of zoology, SNVMV.
13. Participated in Two-day webinar on Employability opportunities on 23rd May 2020 and 24th may 2020 organized by the department of biotechnology in association with IQAC. ST. Joseph's College arts and science.
14. Participated in webinar on biodiversity: the life support system of earth organized by ECO club, dept. Of botany and food & Nutrition, RBVRR women’s college on 25th May 2020.
15. Participated in Webinar on statistics and Agriculture by prof.A. Dhandapani, principal scientist ICAR-NAARM organized by Dept. of statistics. Kasturba Gandhi degree & pg College for women on 27th may 2020.
16. Participated in Webinar on brain hacks to success organized by the department of English and other foreign Languages, SRM institute of science and technology, Ramapuram campus, on 30th May ,2020.
17. Webinar on How to write a research paper organized by research committee - IQAC, SNVMV.
18. Participated in the world environment day 2020 event entitled foster biodiversity nurture nature organized by department of botany, Adi Kavi Nannaya University on 05.06.2020 through virtual mode.
19. Participated in Webinar on Reverse genetics in genomic era by department of biotechnology, A V college of arts, science & commerce on 7th June 2020
20. Participated in Two days National webinar on impact of covid-19 on quality of life and coping strategies Organized by the department of home science and IQAC, St. Joseph’s college for women on 10 th & 11th June,2020.
21. Participated in Webinar on covid-19- A threat to hypersensitive and diabetic patients organized by the department of biochemistry, justice Basheer Ahmed Sayeed college for women on 11th June 2020

22. Participated in Ten days international online workshop on effective research method organized by Tamil nadu open University, Chennai and Thiagarajan college of preceptors 01. June.2020 to 12th june.2020
23. Participated in webinar on Role of chemistry in mitigating Covid 19 organized by department of chemistry SNVMV on 13 th June 2020
24. Participated in international webinar on Covid 19 pandemic of coronavirus: underlying chemistry from cause to cure organized by department of chemistry, SNVMon 15th June 2020
25. Participated in webinar on research and publication organized by research committee -IQAC, SNVMV on 17th June,2020.
26. Participated in webinar on traditional diet and human well- being organized by the department of botany, Teresian college on 19 th June 2020
27. Participated in webinar on nutraceuticals and medicinal herbs for health and immunity organized by the department of botany & IQAC, St. Joseph's college of women on 20th June, 2020.
28. Participated in workshop on yoga at home and yoga with family organized by department of physical Education SNVMV on 20th June 2020.
29. Participated in National level quiz on yoga organized by department of physical Education, Andhra mahila sabha on 21st June 2020.
30. Participated in Two-day National webinar on information security: challenges & solutions organized by department of computer science and IQAC, St. Joseph's College for women on 22nd to 23rd June,2020.
31. Participated in National webinar on understanding business Analysis organized by the department of commerce and management, Andhra mahila sabha on 24 th June 2020.
32. Participated in international webinar on Advanced functional materials for biomedical & Energy organized by department of chemistry, Loyola college on 24th and 25th June 2020.
33. Participated in National webinar on Role and relevance of Natyashastra in performing arts in modern days organized by department of Sanskrit on 26th June 2020.
34. Participated in National webinar on Gender sensitivity through works of literature, organized by the department of English on 26th June 2020.
35. Participated in National webinar on basic concepts of analytical chemistry, organized by the department of chemistry on 27 th June 2020.
36. Participated in National webinar on cryptography and randomness organized by department of mathematics on 27th June 2020.
37. Participated in International webinar on How to become effective statisticians organized by department of statistics on 29th June 2020.
38. Participated in Webinar on Virtual cookery live demo conducted by the department of clinical Nutrition and dietetics in association with nestle on 29th June 2020.
39. Participated in National webinar on significance of social work profession in the context of New social environment organized by department of social work on 1st July 2020
40. Participated in Webinar on How to script a success story for yourself in a competitive world organized by department of English and other foreign languages SRM institute of science and technology, on 3rd July 2020
41. Participated in National webinar on building financial models - An integrated approach.
42. Participated in National webinar on applications of mathematics for engineers organized by the department of science and humanities, Bharat institute of engineering and technology on 4th,5th July 2020.

43. Participated in National webinar on organic synthesis so fascinating organized by the department of chemistry on 6th July.
44. Participated in National webinar on critical thinking organized by Sujatha degree and pg college for women on 10th July 2020
45. Participated in National webinar on therapeutic applications of Ayurveda, Naturopathy and Homeopathy in Covid 19, conducted by the department of botany, Adi Kavi Nannaya University on 09.07.2020 on a virtual platform.
46. Participated in International webinar on impact of Indian culture on the world civilization special reference to Trinidad organized by the government degree college, zaheerabad on 10 th July 2020.
47. Participated in International webinar on Role of Nanotechnology in health management organized by the department of chemistry on 10th July 2020
48. Participated in National webinar on corporate sickness : socioeconomic, Political and legal issues , challenges and implications organized by St. Pious x p.g college for women on 11th,12th July 2020
49. Participated in National webinar on impact of climate change on horticulture and agriculture in the present scenario organized by the department of botany in collaboration with IQAC , Anwar Uloom college.
50. Participated in Webinar on Philosophy and biology - New perspectives organized by department of microbiology , St. Pious x degree and PG college for women on 15 th July.
51. Participated in Webinar on Role of disinfectants in controlling novel coronavirus organized by the department of botany and microbiology in association with IQAC on 14th July 2020
52. Participated in National webinar on Post Covid challenges and opportunities organized by school of pharmacy , Nalla Narsimha Reddy on 16.07.2020.
53. Participated in National webinar on wildlife conservation and biodiversity organized by IQAC & department of zoology krantisiah nana patil college. On 17th July 2020
54. Participated in Webinar on Covid 19 and the plight of consumers organized by consumer club on 20th July 2020.
55. Participated in Webinar on women empowerment for the social wellbeing in Indian context organized by Sri vatsa college of education and jointly organized by Bhartiya shikshan mandal on 28 July 2020
56. Participated in National webinar on issues and challenges of the women in Covid 19 Contexts organised by St. Johns college of education, on 29th July 2020.
57. Participated in National webinar on Classroom communication strategies for teacher trainees organised by St. Johns college of education on 2nd August 2020.
58. Participated in National webinar on scholarly information resources in teaching, learning and research organized by St. Johns college of education on 6th August 2020
59. Participated in International webinar on environment and health in perspective of covid-19 organized by Paribesh sathi on 6th August 2020
60. Participated in International webinar on National education policy - 2020 with reference to atmanirbhar Bharat held on 10th August 2020
61. Participated in National webinar on career opportunities and challenges in Indian capital & financial markets organized by department of commerce, Keshav memorial institute of commerce and sciences on 12th August 2020
62. Participated in Webinar on health care approach for vivid organized by the department of biotechnology, Anna University on 13th &14th August 2020.
63. Participated in National webinar on development studies edition II : issues and prospects in urban development organized by department of sociology, Nizam college

- on 14th August 2020
64. Participated in National webinar on Interactive LMS tools for effective teaching organized by Animal college of Education for women on 15. 08.2020
 65. Participated in International webinar on Role of chemists in discovery of drug and vaccine for covid 19 organized by department of chemistry, University College of science, satavahana University ,on 16 th August 2020
 66. Participated in Webinar on governance and the Indian economy during the pandemic organized by department of political science, University College for women, koti. on 17 th August 2020
 67. Participated in National webinar on Creating opportunities and catalyzing innovations of students to startups organized by department of commerce, Telangana social Welfare residential degree college for women on 18th August 2020
 68. Participated in International webinar on Basic sciences- 2020 organized by the department of basic engineering, seshayee institute of technology on 19th August 2020
 69. Participated in Webinar on Responsive governance and the Indian economy during the pandemic organized by department of political science, University College for women on 19th August 2020
 70. Participated in Chat with scientist, Dr. Dinesh Kumar, scientist G ICMR- National institute of nutrition on covid 19 pandemic organized by department of microbiology , Bhavan's Vivekananda college on 20 th August 2020
 71. Participated in National webinar on Atmanirbhar Bharat abhiyan organized by department of economics, Basaveshwar commerce college on 21st August 2020
 72. Participated in National webinar on Fundamental rights and duties of Indian citizens organized by department of commerce, Basaveshwar college on 23 rd. August 2020.
 73. Participated in National webinar on Role of leadership management in good governance organized by IQAC , Kasturba Gandhi College on 25th August 2020.
 74. Participated in online certificate course on ‘ ‘Biophysical Methods and Analytical techniques’ ’ from 12th October 2023 to 18th October 2023.

National and International Conferences Participated:

1. Attended Pure earth Environment Conference organized by Pure earth Foundation on 27 November 2021
2. Attended Pure earth Environment Conference organized by Pure earth Foundation on 16th November 2021
3. Participated in National Conference on ‘ ‘Aerobiology’ ’ on Feb 27th & 28th 2002, Sponsored by UGC SERO Organized by Dept, of Botany, S.N.V.M.V, Hyderabad.
4. Participated in 46th Annual Conference on ‘ ‘Micro biotech - 2005’ ’ Organized by Microbiology Department, O.U, Hyderabad and Association of Microbiologist of India on 8th -10th Dec, 2005.
5. Participated in Conference on ‘ ‘Microbial Milestones’ ’ – held on 24th - 25th Jan, 2008 Organized by Department of Microbiology, O.U, Hyderabad.
6. Participated in ‘ ‘Modern Trends in Plant Taxonomy & Biodiversity Conservation for Safeguarding Medicinal Plant Wealth’ ’ held on 22nd & 23rd Dec, 2008 Organized by Department of Botany, S.N.V.M.V, Hyderabad.
7. Participated in XIX- APSI Scientist’s Meet – 2010 & National Conference on ‘ ‘Plant Biotechnology towards Nutrition and Nutraceutical Potential’ ’ Organized by Department of Botany, S.N.V.M.V, on 30th Sept & 1st Oct, 2010.
8. Participated in International Conference on Biodiversity, Environment and Sustainable Development, held on 4-6 Oct 1994, Organized by SNVMV, Hyderabad.

9. International Conference on Microbial Biotechnology Trade & Public Policy
15th –17th July, 2000 B n

Paper publications :

1. Paper published in Swamy Botanical Journal –CL 24-87-90 (2007) on “Antimicrobial Activity of Foliar Extract of *Achyrathes aspera* L”.
2. Paper publication – “Antimicrobial Activity of Foliar Extract of *Catharanthus roseus*” S. Padmini, M.Vijaya Lalita & T.V. Mahalakshmi, J. Swamy Bot - CL. 26: 43-46 (2009).
3. Paper publication –Total phenolic content, flavonoid content, and antioxidant activity of *Alternanthera ficoidea* (L.) P.Beauv.IJBPAS,10(9):453-460,(2022)
4. Paper publication – Evaluation of in vitro antiacne activity of *Pupalia lappacea* (L.)Juss. Journal of pharmaceutical research international 34(15) 29-34,22 (2022)

Book publications:

1. Published book for telugu academy for B.sc IIIyr, BZC students , generic elective for Botany –Industrial microbiology unit I. (2022)

Workshops & Refresher courses attended:

1. College development council – Kakatiya University, orientation cum refresher course in Microbiology organized at the Dept., of Botany during March 16-25th -1994.
2. APNLBP - sponsored refresher course on – “Plant Biotechnology “ – Sept.,-13th to Oct – 3rd -2004- held at center for plant Molecularbiology, O.U. Hyd
3. T.V Mahalakshmi-attended refresher course in Life sciences from 20.08.2009 to 09.09.2009 organised by the UGC Academic staff college Osmania University, Hyd
4. Two day workshop on Recombinant DNA technology organized by Bioaxis DNA research centre & Microbiology Dept., SNVMV, Hyd, on 27th& 28th Jan 2010.
5. “Current trends in Animal Biology and Biotechnology”- 2 day Lecture workshop on 8th& 9th Feb-2010. Organized by INSA, Indian academy of Sciences, NASI & Dept., of Zoology SNVMV,Hyd.
6. One day workshop on Accelerated Biolearning “on 26th Aug 2010, in collaboration with Digibios.
7. Participated in Two Day Science Exhibition, “SADISHA” (Right direction) organized by Sarojini Naidu Vanitha Maha Vidyalaya on 22nd and 23rd Nov 2013.
8. Participated in Faculty Development Programme on 29th November 2013 organised by Department of Microbiology and Genetics, Aurora’s Degree and P.G college at Indian Institute of Chemical Technology(IICT), Mini hall, Tarnaka, Hyderabad.
9. Participated in Faculty Development Programme on “Gender sensitization” Organised by Internal Quality Assurance Cell(IQAC) On 28th Feb 2017.
10. Participated in five days faculty development programme on research trends in image processing organized by Department of electronics and communication engineering, Gates institute of technology on 15th- 19th June 2020.
11. Participated in 7 days FDP on Environment, economic development and Covid -19 organized by the department of economics, dharmapuram gnanambigai govt.arts college for women from 10/07/2020 to 16/07/2020
12. Participated in 3 days FDP on recent trends in technology and teaching learning microbiology from 9th to 11th July 2020.
13. Participated in 5 days FDP on ‘Financial planning and Mutual Funds’ organized by IQAC in association with Department of Business Management from 06-12-2021 to 10-12-2021.

14. Participated in 5 days FDP on 'outcome based education' organized by IQAC in association with Department of Business Management from 05-12-2022 to 09-12-2022.
15. Attended 6 days faculty development programme in molecular and cytogenetic techniques organised by department of zoology from 27thFeb 2023 to 4thMarch 2023
16. Participated in 'Online NEP Orientation & sensitization Programme' organized by UGC-Malaviya mission teacher training centre, Osmania University, Hyderabad, Telangana from 12.10.2023 to 21.10.2023 and obtained A+ grade.

CURRICULUM VITAE

Name : A. AMBICA
Qualification : M.Sc (Microbiology)
E. mail : anagandlaambica@gmail.com
Contact No : 9705335499

EDUCATIONAL PROFILE:

Board /University	School /College
M.Sc (Microbiology) Osmania University – 2008-2010	: Siddhartha P.G College,
B.Sc (B. M.C) Osmania University – 2005-2008	: Siddhartha Degree College,
B.P.C (Board of Intermediate)	: Sri Chaitanya Jr. College, Narayanaguda, (2003-2005)
S.S.C (Board of Secondary Education)	: St. Ann's (G) High School Vijay Nagar Colony.

Membership

Professional body membership in Association of Microbiologist of India 2023-2024

Achievements

1. Participated in ‘‘Online NEP Orientation & sensitization Programme’’ organized by UGC- Malaviya mission teacher training centre, Osmania University, Hyderabad, Telangana from 12.10.2023 to 21.10.2023 and obtained A+ grade
2. Participated in the **NASSCOM Assessment of competence (NAC)** and qualified the test on 30th Sept, 2007

Workshop Attended and Refresher courses attended:

1. Participated in ‘‘Online NEP Orientation & sensitization Programme’’ organized by UGC-Malaviya Mission Teacher Training centre, Osmania University, Hyderabad, Telangana from 12.10.2023 to 21.10.2023 and obtained A+ grade
2. Attended 6 days faculty development programme in molecular and cytogenetic techniques organised by department of zoology from 27thFeb 2023 to 4thMarch 2023
3. Participated in two day Science Virtual Lecture workshop on ‘‘Progress in life sciences with Emphasis on Role of Micro nutrients’’ held on 9th -10th Feb 2021, organized by Department Of Botany, SNVMV.
4. Attended workshop on yoga at home and yoga with family" on 20 June organized by department of physical education SNVMV
5. Participated in 6 days FDP On ‘‘ Investment in Securities Market & Financial Planning’’ organized by IQAC in association with Department of Commerce, SNVMV from 11.03.2019 to 16.03.2019

6. Participated in 5 days FDP on 'Blended teaching & learning' organized by IQAC in association with Department of computer science from 27-08-2018 to 31-08-2018
7. Attended FDP program on "Teaching Techniques & Methodology" for teachers on 12.07.2018 & 13.07.2018 organised by, IQAC Sarojini Naidu Vanita Mahavidyalaya
8. Participated in Faculty Development Programme on "Gender sensitization" Organised by Internal Quality Assurance Cell(IQAC) On 28th Feb 2017
9. Participated in Faculty Development Programme on 29th November 2013 organised by Department of Microbiology and Genetics, Aurora's Degree and P.G college at Indian Institute of Chemical Technology(IICT), Mini hall, Tarnaka, Hyderabad
10. Participated in Two Day Science Exhibition, "SADISHA" (Right direction) organized by Sarojini Naidu VanithaMahavidyalaya on 22nd and 23rd Nov 2013.
11. Workshop on "HPLC & RFLP" " held at Ventura Research Labs on 17th & 18th Sept, 2009.
12. Workshop on "PCR, Protein Purification, Gene Cloning & Expression" held at Ventura Research Labs on 9th & 10th Feb, 2009.

National Seminar attended:

1. Attended Pure earth Environment Conference organized by Pure earth Foundation on 27th November 2021
2. Participated in National webinar on 'winning the covid -19 battle" on 9 July 2020 by department of Microbiology SNVMV
3. Participated in online youth summit on " My vision of Atma Nirbhar Bharth" on 8th July 2020 by department of sociology Nizam college
4. Participated in National webinar on" basic concepts of Analytical chemistry" on 27th June 2020 organized by department of chemistry Andhra mahila Sabha arts & science college for women's
5. Participated in Two day national online conclave on genetic counseling on 18th and 19th June 2020 by Aurora degree and pg college
6. Participated in webinar on awareness and adoption of mooc courses on SWAYAM and NPTEL on 16 June 2020 held by SNVMV
7. Participated in WEBINAR ON "COVID-19 a pandemic of Coronavirus: underlying chemistry from cause to cure" on 15 June 2020 organized by department of chemistry SNVMV
8. Participated in online lecture series-9 on " Hampi a world heritage monument" on 12th June 2020 organized by sthapatyakaalaparahaat
9. Participated in International webinar on "Molecular biology- tools and applications" organized by department of microbiology Kasturba Gandhi degree and pg college on 12th June 2020
10. Attended Pure earth Environment Conference organized by Pure earth Foundation on 16th November 2019
11. Participated in One day seminar on "Women in Science" organized by The Indian Science Congress Association (ISCA) in collaboration with Sarojini Naidu VanitaMahavidyalaya on 14th Sep 2017.

12. Participated in the UGC sponsored two day National seminar on “Frontiers in Microbial Biotechnology” on 22nd and 23rd Feb 2017 Organized by Department of Microbiology, Osmania University, Hyderabad, T.S
13. Participated in two days National seminar on “Recent Advances in food biotechnology” organized by departments of Microbiology and Biochemistry of Bhavan’s Vivekananda college of Science, Humanities and Commerce on 17th&18th Feb 2016
14. Participated in the UGC sponsored two day National seminar on “Recent Trends in Microbial Genetics” on 22nd and 23rd July 2015 at GDC(W), Hussain Alam, Hyderabad.
15. Participated in the UGC sponsored two day state level conference on “Translating Food and Nutrition into health” jointly organized by department of Applied Nutrition, Biochemistry and Chemistry of Sarojini Naidu Vanita Maha Vidyalaya and Indian Dietetic Association at Hyderabad on 5th and 6th October 2012.
16. Participated in the National Seminar on “Management of Digital/e- Resources” during 19th - 20th August, 2011, Organized by Department of Library and Information Science in Collaboration with Knowledge Connect for Empowerment at SNVMV, Hyderabad
17. Participated in the National Seminar on “Biochemistry in the New Millennium” Organized by Department of Biochemistry, University College of Sciences, Osmania University, Hyderabad, held on 3rd& 4th Sept, 2005.

Computer Skills:

Ms-Office & Windows

Personal profile:

Name : **Anagandla Ambica**
 Fathers Name : A.Vijay Kumar
 Sex : Female
 Nationality : Indian
 Date of birth : 28-08-1987
 Languages know : Telugu, Hindi, and English
 Permanent address : H.No: 1-157, Jalpally,
 Saroor Nagar (Mandal),
 R.R Dist, Telangana
 Phone : 9705335499.

CURRICULUM VITAE

Name : RAVULAPALLI MAMATHA

Qualification : Msc, B.Ed.

Mobile No : 9701306660

Email ID : mamatharavulapalli25@gmail.com

Educational Profile:

Board/University	School / college
B.Ed	: St. John's college of Education, Chegicherla, O.U
Msc. (Microbiology)	: Aurora Degree and PG college, Osmania University.
B.Sc. (BMC)	: Sarojini Naidu Vanita Maha Vidyalaya, Osmania university.
BiPC (Board of intermediate)	: Sri Chaitanya Jr.College.
SSC (Board of Secondary Education)	: Raghavendra High School, Hyderabad.

Software skills:

✓ **Applications**– MS Office & windows

Achievements:

1. Participated in DNA FINGER PRINTING held in S.N VANITHA MAHA VIDYALAYA
2. Participated in National Conference on Current Status & Recent Advances in Medicinal and Aromatic Plants Research held in Gandhi Medical College, Hyd.
3. Organized and Participated in MICRO EXPO – 2013 held at Aurora's Degree & PG College, Hyd.
4. Organized and Participated in BIOVISION-2013 held at Aurora's Degree & PG College, Hyd.

5. Participated in faculty development program held in Sarojini Naidu Vanita Mahavidhyalaya.
6. Participated in world science day held in aurora's degree & PG College on 16-11-2013.
7. Participated in world science day held on 10-11-2012 and won **1st prize inscramble competition.**
8. Participated in world science day held on 10-11-2012 and won **3rd prize inQuiz competition.**
9. Participated in MICRO Vision in Aurora's Degree and PG College and won **2nd prize in essay writing.**
10. Participated in 2 day National Seminar on Frontiers in Microbial biotechnology on 22nd and 23rd Feb 2017 organized by department of microbiology Osmania University, Hyd.
11. Participated in Faculty Development Programme on "Gender sensitization" Organised by Internal Quality Assurance Cell(IQAC) On 28th Feb 2017.
12. Attended FDP program on Teaching Techniques & Methodology for teachers on 12.07.2018& 13.07.2018 organised by IQAC Sarojini Naidu Vanita Maha vidyalaya.
13. Participated in 5 days FDP on 'Art of Teaching' organized by IQAC in association with Department of computer science from 23-09-2019 to 27-09-2019.
14. Participated in Two day online workshop on Blended Teaching & learning held on 14th & 15th April 2020
15. Participated in One Day International Webinar on "Teaching through the Pandemic" as part of Faculty Development Programme organised by Internal Quality Assessment Cell, Sardar Patel college held on 18th may 2020
16. Participated in online international webinar on molecular biology tools & applications held on 12th June 2020 organized by kasturba gandhi degree & pg college for women.
17. Participated in webinar on research & publications organized by SNVMV on 17 June 2020
18. Participated on H-NMR spectroscopy organized by keshav memorial Institute of commerce and science on 27/6/2020
19. Participated in phyto therapeutics immunoboosters to combat bacterial& viral disease organized by AMS arts & science college for women on 29 June 2020
20. Participated in webinar on research & publications organized by SNVMV on 17 June 2020
21. Participated in national webinar on winning the covid battle organized by SNVMV on 9 July 2020
22. Participated on one day national webinar on impacts of climate change on horticulture & agriculture in present scenario on 13 July 2020 organized by anwar uloom college
23. Participated in national webinar on Role of intellectual property rights in protection of invention & innovations organized by Rajalakshmagonda science institute Botany department in association with IQAC on 18th June 2021.
24. Participated in FDP on advanced online assessment tools for teaching and learning held on 25th June 2021 organised by kasturba Gandhi degree& pg college for woman .
25. Participated in national webinar on Biodiversity & conservation ecosystem restoration organized by Botany department government degree college for women begumpet on 29th June 2021.
26. Participated in national webinar on catch the rain where it falls when it falls held on 4th September 2021 organized by IQAC department of life sciences government degree college koratla, Jagtial
27. Participated in two days national online workshop on Hydroponics organized by department of botany SNVMV from 7th September to 8th Sep 2021.

28. Participated in national Quiz on teachers day organized by Botany department in association IQAC & NSS Government degree college koratla ,Jagtial 5/9/2021 to 5/10/2021 & secured 68 %.
29. Participated in 5 days FDP on 'Financial planning and Mutual Funds' organized by IQAC in association with Department of Business Management from 06-12-2021 to 10-12-2021.
30. Participated in five days national online FDP on mathematical modeling organized by dept of mathematics SNVMV from 6th to 11th april 2022.
31. Attended 6 days faculty development programme in molecular and cytogenetic techniques organised by department of zoology from 27th Feb 2023 to 4th March 2023
32. Organised 30 days Add on course on "Mushroom cultivation" for B.SC Iyr & IIyr in 2019.
33. Attended Pure earth Environment Conference organized by Pure earth Foundation on 16 november 2019
34. Attended Pure earth Environment Conference organized by Pure earth Foundation On 27 november 2021
35. Organised Add on course on "Mushroom culture technology" from 06-07-2022 to 25-05-2022.

Personal Profile:

Name : RAVULAPALLI MAMATHA

Father Name : RAVULAPALLI SRIHARI

Date of Birth : 3rd AUG 1991

Nationality : Indian

Languages known : Telugu, English& Hindi

Permanent Address : 6-2-68/1, Shivarampally, Rajendra nagar, R.R.Dist.,

Phone No. : 9701306660

CURRICULUM VITAE

Priyanka Sathe

Email.ID: reachpriyankasathe@gmail.com

Contact number: 9848489008

CAREER OBJECTIVE:

- To enhance students performance , creativity and facilitate them in their studies by utilizing my knowledge through dedicated work.

WORK EXPERIENCE

- Worked as zoology lecturer for an Academic year in Stanley junior college, chapel road, Abids, Hyd.
- Currently working as Microbiology lecturer in SNVMV.

INTERNSHIP

- G.G.H.S Mahbubia, Abids, Hyd. for 3 Months as a teacher.

ACADEMIC QUALIFICATIONS

- **B.Ed** (Biological Science),G.I.A.S.E, Masab Tank,Hyd.Osmania University (2017 - 19)
- **M.sc** (Microbiology), Bhavan's Vivekananda college, Sainikpuri, Hyd .Osmania University (2015-2017)
- **B.sc** (ZMC) S.N.V.M.V ,Exhibition Grounds , Hyd .Osmania University (2012-2015)
- **Intermediate** (Bi.P.C), S.N.V.M.V, Exhibition Grounds, Hyd. B.I.E (2010-2012)
- **Class x**, Nampally Vyayamshala High School, Hyd. (2010)

WORKSHOPS AND SEMINARS

- Attended one week National FDP on Cloud Infrastructure [AWS] organized by Brainovision Solutions India Ltd. In Collaboration with AICTE from 21st to 25th August 2023.
- Attended faculty development program for teachers on “Molecular and cytogenetic techniques” organised by department of zoology in collaboration with cytomol labs hyd from 27th feb 2023 to 4th march.2023
- Attended 5 days FDP on “Art of teaching” organised by SNVMV in November 2022.
- Participated in national webinar on Human fungal infections with special reference in mucormycosis organised by B.M.S college for women on 10th June 2021.
- Participated in national webinar on building the competencies of teachers for blended learning environment, a step by step approach. Organised by Kasturba Gandhi degree and PG college for women on 12th June 2021.
- Participated in national workshop on online learning , “Grow with google workspace” organised by st.Joseph's college of education on 25th june 2021.

- Participated in national webinar on uncovering the concept: Artificial intelligence, Organised by G.D Memorial college of management and technology on 26.06.2021.
- Participated in the E-Quiz organized by K.R college of arts and science on 7.6.2021.
- Participated in online quiz held on 28th July 2020 organize by green club.
- Participated in national webinar on winning the covid battle organied by SNVMV on 9.10.2020.
- Participated in webinar on legal aspects of various offences committed against women and available legal sources.
- Participated in webinar on career opportunities in pharmacy and skills required , organised by SNVMV on 29th april 2020
- Attended value added course on proteomics at Sandor Life sciences Pvt.Ltd.
- Attended training programme conducted by SEED (Society for Energy, Environment &Development) on Solar Dehydration of fruits & vegetables or value addition and Preservation on February 15th-18th 2017.
- Participated in the National seminar on Recent Advances in Food Biotechnology on 17th and 18th February 2016 and presented Poster on Food Adulteration of Herbs and was awarded **1st prize**.
- Participated in International year of chemistry on 19th December 2011 and participated in “Talk chemistry” competition and was awarded **1st prize**.

INDUSTRIAL VISITS

- Visited CFTRI on 8th Feb 2023 as a research institute visit along with students
- Visited Masqati on 29th nov.2022 as a industrial visit along with students
- Visited T.B sanitorium on 12th march 2022 as educational visit along with students.
- NATCO Pharma Limited Nagarjuna Sagar, Nalgonda district on 30th January 2015.
- Educational Visit to Serum institute of India, Pune in September 2016.

ACHEIVEMENTS/AWARDS

- Qualified CTET 2020.
- Qualified AWES online screening test 2022
- Participated in the Gyantarangini Vyakhyan Mala on 28th January 2017 and presented paper on Applications of genetics in cattle and was awarded 2nd prize.
- Participated in the National seminar on Recent Advances in Food Biotechnology on 17th and 18th February 2016 and presented Poster on Food Adulteration of Herbs and was awarded **1st prize**.
- Participated in International year of chemistry on 19th December 2011 and participated in “Talk chemistry” competition and was awarded **1st prize**.

TECHNICAL SKILLS

Adequate knowledge of M.S Office and internet

PERSONAL DETAILS

Father’s name: Dattatrey sathe

D.O.B: 01.05.1995

Sex: Female

Nationality: Indian

Languages known: English, Hindi, Telugu and Marathi

Address: 11-6-564, Devibagh, Nampally, Hyd.

Gallery



ICRISAT VISIT



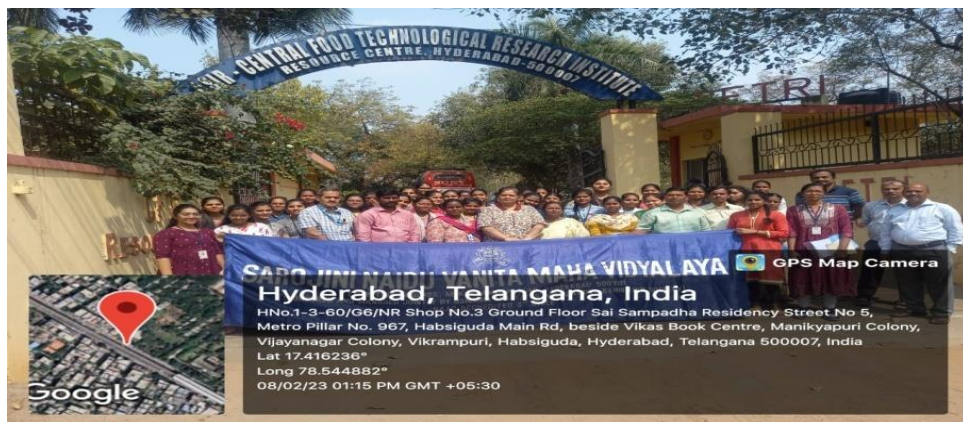
CCMB VISIT



MASQATI VISIT



TB Sanitorium



CFTRI



Anaemia Mukta Bharat



Parent Teacher Meeting

SAROJINI NAIDU VANITA MAHA VIDYALAYA
 (Sponsored & Managed jointly by Osmania Graduates' Association and Exhibition Society)
 Exhibition Grounds, Nampally, Hyderabad. Ph-04024603266
 NAAC ACCREDITED (3RD CYCLE)

DEPT. OF MICROBIOLOGY INVITES YOU TO A

NATIONAL WEBINAR ON WINNING THE COVID BATTLE

GUEST SPEAKER:
DR. ZEHRATAYIBA
MBBS, MD SALAMAH
HOSPITAL HYDERABAD

DATE AND TIME: 9TH JULY, 2020 (THURSDAY) 4PM
ZOOM ID: 724 3115 1752
PASSWORD: 8AXFrw

TV. MAHALAKSHMI CONVENOR
HOD MICROBIOLOGY

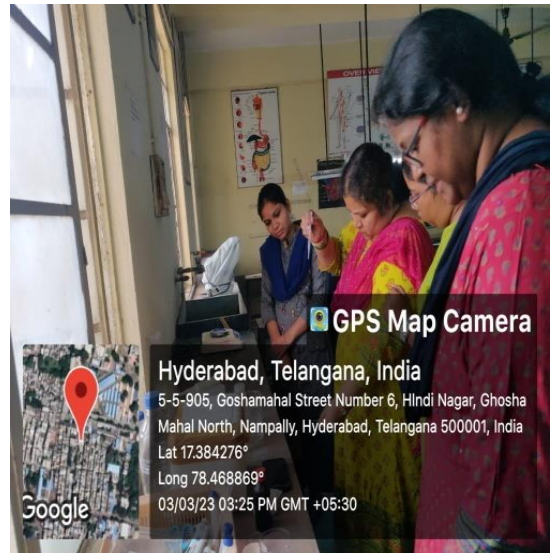
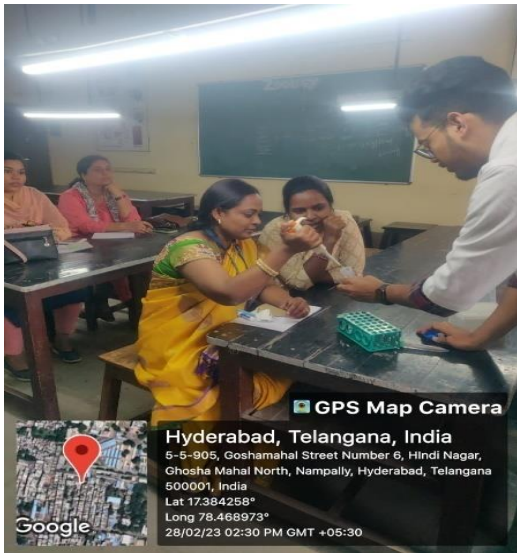
DR. K. ESHWARI COORDINATOR
DEPT. OF CHEMISTRY

DR. D. SHOBHANA PRINCIPAL

National Webinar



Mushroom Cultivation



Faculty Attending FDP



Production Of SCP from fruit waste



Students Seminar and Projects