



FORENSIC SCIENCE UNIT
DEPARTMENT OF CHEMISTRY
UNIVERSITY COLLEGE OF SCIENCE
(OSMANIA UNIVERSITY)
ACCREDITED BY NAAC WITH “A+” GRADE



Osmania University, with its legacy of more than 100 years has been known to introduce and offer new, need based, employable and societal relevant courses since its inception. M.Sc. Forensic Science course is such an initiative of the esteemed institution to nurture young Forensic scientists who would become an integral part of the effective administration of Criminal Justice system in India. The Forensic Science Unit currently with 2 regular faculty members and the support of Guest faculty from premium Forensic laboratories and allied institutions are striving to impart high quality education to students through their theoretical and practical approach.

ABOUT THE DEPARTMENT

Forensic science is gaining prominence worldwide, and India is no exception. As an interdisciplinary field, forensic science can be broadly defined as the application of pure and applied sciences to legal issues. With the increasing incidence of crime both nationally and internationally, the study of forensic science has become crucial, and there is a growing demand for experts with in-depth knowledge to support police investigations. Forensic science helps address the challenges faced by investigating officers in solving crimes. Additionally, the extensive coverage of crime investigation and forensic science in print and electronic media, through crime serials and stories, has sparked student interest in the field. This growing need and demand led to the establishment of the M.Sc. Forensic Science course at Osmania University.

M. Sc. (Forensic Science) is an interdisciplinary programme, being offered on self-financing basis. It is an unique course with the multidisciplinary studies involving core subjects of pure and applied sciences like Chemistry, Biochemistry, Physics, Botany, Zoology, Genetics, Microbiology, Geology and Computer Science, etc. and peripheral subjects like Medicine, Engineering, Instrumentation, Law, Psychology, Statistics, Communication Skills and Management.

With the increasing demand for forensic experts, the importance of the M.Sc. Forensic Science course has grown significantly. Osmania University, being the only institution offering this course in Telangana, is experiencing high demand. Students from across the state and country come to Osmania University to pursue a career in forensic science.

The M.Sc. Forensic Science course was started with Department of Chemistry, Osmania University as a nodal department in the academic year 2000-2001 with the active support of A.P. State Forensic Science Laboratory through an MOU. Later the Department of Forensic Science, MHA, Government of India also signed a MOU with Osmania University in 2006 to support the Course. The Central Forensic Science Laboratory, Hyderabad and Telangana State Forensic Science Laboratory, Hyderabad provided valuable help through necessary guidance and attachments of students to their respective laboratories for exposure. Additionally, other institutions in the city, such as IICT, CCMB, CDFD, NIN, and CDTS, collaborate to support the course.

The Forensic Science Unit currently has two regular assistant professors, one part-time faculty member, and guest faculty from external institutions. Experts specializing in

areas such as forensic physics, ballistics, fingerprints, impressions, and crime scene management conduct classes as guest faculty and provide students with both theoretical knowledge and practical expertise. Faculty from the Forensic Medicine departments of Osmania Medical College and Gandhi Medical College teach forensic medicine classes and offer practical experience in post-mortem examinations to our students. In addition to teaching core subjects on campus, students gain real-time case experience through internships at various institutions, such as Clues Team, Hyderabad, CFSL, Hyderabad, and TSFSL, Hyderabad. Periodic visits to forensic institutions are organized to expose students to the practical realities of fieldwork in forensic science. The Telangana State Police supports the course by demonstrating weapons and their mechanisms, while the Telangana State Forensic Science Laboratory assists by conducting practicals. Students also benefit from field visits to the Fingerprint Bureau and other allied institutions for hands-on experience. Through the combined efforts of our staff and forensic experts, the course is progressing towards producing a highly skilled forensic workforce that will shape the future of forensic science in Telangana and India.

The classrooms in the Forensic Science Unit are well-equipped with OHP and LCD projectors for conducting classes and seminars, as well as smart boards for delivering lectures. The department also has a range of advanced equipment, including a visible spectrophotometer, simple and compound microscopes, digital pH meter, colorimeters, Conductometers, potentiometers, digital weighing balance, incubator, hot air oven, hot plate, heating mantles, digital water bath, centrifuge, electrophoresis equipment, and UV-light equipment. Students receive thorough training, both theoretical and practical, to ensure comprehensive learning.

Osmania University and several Indian and foreign universities offer Ph.D. programmes in Forensic Science and other allied subjects. Students are eligible for applying to DFS, DST, UGC, CSIR and ICMR Research Fellowships for Ph.D. work. Students are eligible to appear for UGC-NET and CSIR-UGC NET examinations for JRF and Lectureship. Students also have ample scope abroad for pursuing higher studies. The Central Forensic Science Laboratories throughout the country, NIA and NICFS, New Delhi recruit forensic scientists through UPSC / SSC. All the State Forensic Science Laboratories have opportunities for employment. The students can join Central / State Police Organizations through competitive examinations. The Telangana State Government has initiated the recruitment of Crime scene officers to assist the Clues team in crime scene search. The FACT and FACT plus examinations conducted by MHA, Govt. of India have been introduced from

2018 to provide recruitments to Forensic Science students in Forensic Science laboratories all over India. The students are also eligible to join private forensic labs such as Truth Labs. With private institutions introducing Forensic Science at graduation level in Telangana and Andhra Pradesh, there is an ample scope for students in teaching in educational institutions. They have good job opportunities in fraud identification wing in banking, insurance and software sector. In the areas of Analytical Chemistry, Pharmaceutical Analysis, Biotechnology and Cyber forensics the students have good opportunities in the private scientific and industrial sector. Students can also opt for administrative posts in the Government sector and research positions in various research institutions. Students have also exhibited their potential in the private sector, where they have joined companies like Amazon, Uber, Accenture as experts in the fraud detection team and incident response team. Some of our students have also joined the Telangana State Forensic Science Laboratory as Scientific Assistant (Contract).

The Forensic Science Unit is committed to nurturing young, curious minds into dedicated forensic scientists and researchers with strong logical thinking and scientific reasoning skills, aiding in timely case resolution and reducing the backlog in forensic laboratories. The Forensic Science Unit advances with unwavering dedication and a clear vision to disseminate knowledge, aiming to shape future generations with heightened intellect, advanced skills, and a scientific mind-set. Our mission is to meet the needs of society and the nation through rigorous scientific investigation, ethical practice, and a commitment to justice.

VISION AND MISSION

The Vision

To nurture innovative and ethical Forensic scientists equipped with advanced analytical skills, scientific reasoning, critical thinking, and a deep understanding of legal principles, thereby contributing to the advancement of justice and the integrity of scientific investigation

The Mission

- To provide comprehensive and rigorous education in Forensic Science, integrating theoretical knowledge with practical application.
- To deliver multidisciplinary education that blends scientific techniques with legal expertise.
- To collaborate with Central and State Forensic Laboratories and other allied institutions to aid in teaching and research.
- To prepare students for impactful careers in Forensic Science by fostering analytical proficiency, ethical responsibility and a commitment to advancing the field through research and innovation.
- To develop highly skilled professionals capable of addressing complex forensic challenges, fostering a commitment to ethical practices and contributing to the advancement of criminal justice system, through scientific excellence.

ACADEMIC PROGRAMMES OFFERED

1	Post-Graduate - 2 year course M.Sc. Forensic Science <i>(Intake 30 per year)</i> Program Code: 515	2000
----------	---	-------------

***M.Sc. Forensic Science Syllabus (CBCS) has been revised in June, 2016 & again in June, 2023 with 80 credits**

FORENSIC SCIENCE UNIT, DEPARTMENT OF CHEMISTRY, UCS, OU

1. Dr. T. Sowmya M.Sc., Ph.D

Assistant Professor of Forensic Science

E-mail: dr.sowmyya@osmania.ac.in

Ph. No. 9701918384

Dr. T. Sowmyya is currently working as Assistant Professor in Forensic Science, Osmania University, Hyderabad. She completed her post-graduation in Forensic Science from Osmania University in 2011. She stood as the University topper of her batch for which she was awarded the prestigious DST- INSPIRE fellowship offered by Department of Science and Technology, Government of India. She has been awarded UGC-NET Junior Research Fellowship in 2012. She received her Doctoral degree from Department of Chemistry, Osmania University, Hyderabad in 2018. She has worked as Assistant Professor (Contract) from 2011-2013. She got recruited as a regular Assistant Professor (Forensic Science) in September, 2013. She has PG teaching experience of 13 years and research experience of 11 years. She has received research grant from IMPRESS, ICSSR in 2019 to conduct research on addiction trends, suicidal and criminal tendency among Indian youth.



Dr. T. Sowmyya has several research and review articles published in International and National peer reviewed journals to her credit (Citations: 141; h-index: 5, i10-index: 4). She has also presented papers in various International and National Conferences. Her areas of teaching include Forensic Psychology, Forensic Chemistry, Forensic Toxicology, Analytical Chemistry, Forensic Biology, Forensic Serology, DNA Fingerprinting and Questioned Documents. Her thrust area of research interest is green synthesis, characterization and applications of nanomaterials. She has been awarded the Young Woman in Science award by VIWA 2019 and Inspiring Woman Award by Telangana Psychologists Association in 2022.

Dr. T. Sowmyya is currently the I/c Chairperson, Board of Studies, Forensic Science, Osmania University. She has been the member of Quality Monitoring Cell, University College of Science, Osmania University, Member of Board of Studies in Forensic Science, Member of the anti-ragging committee, Lady Counsellor, and Placement Coordinator in Forensic Science, Osmania University. She has also served as General Warden, Centenary Hostel (Women), Osmania University. She is also a Member of Board of Studies in Forensic Science in Malla Reddy University and RBVRR College. She is a life member of Indian Science Congress Association (ISCA), Indian Academic Researchers Association, World Association for Scientific Research and Technical Innovation (WASRTI) and Society of Environmental Chemistry and Allied Sciences (SECAS). She is a member of American Psychological Association (APA). She is also a reviewer for the journal, Bionanoscience, Springerlink publication.

2. Dr. K. Rama M.Sc., Ph.D

Assistant Professor of Forensic Science

E-mail: ramakoyyati@gmail.com

Ph. No. 9908060594

Dr. K. Rama joined in the Department of Forensic Science, Osmania University in September 2013. She received Master Degree in Forensic science as specialization from Osmania University in 2011. She has qualified UGC-NET examination and has been awarded UGC-NET Junior Research Fellowship in 2011. She was awarded her PhD in Biochemistry from Department of Biochemistry, Osmania University.

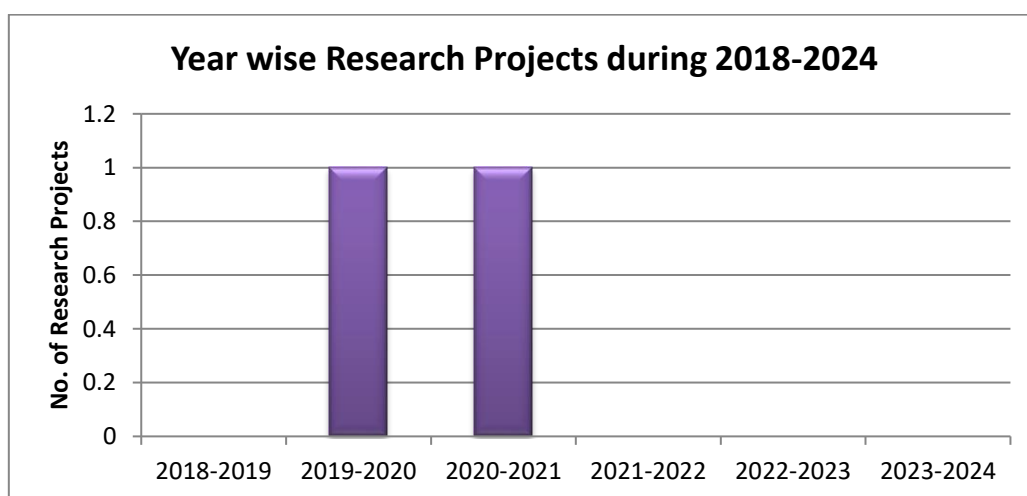
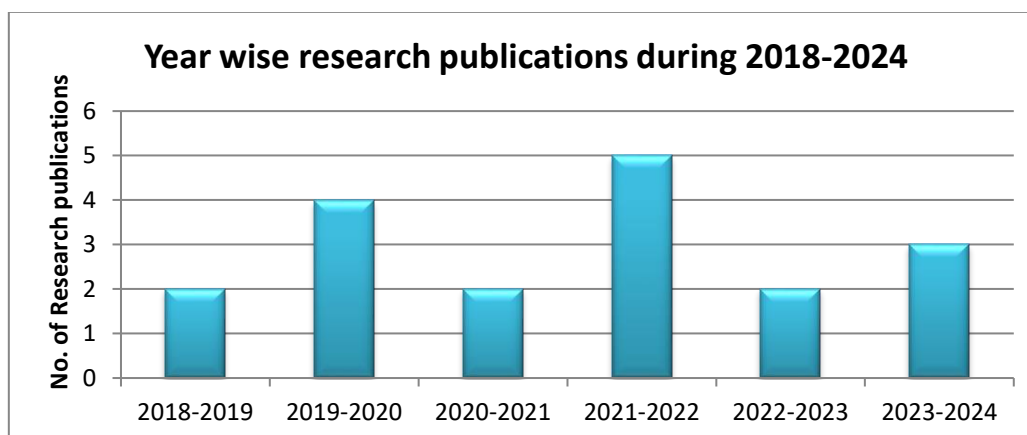
She has 23 research papers published in reputed National/International journals. She also has presented ten abstracts and research papers at National/International meetings. She was awarded the best oral presentation in national conference organized by Indian Institute of Rice Research in 2016. Her research interests are in the area of Forensic Science, Applied Biochemistry and Biotechnology.



Research Projects On-going projects Year-Wise 2018-19 Onwards

Dr. T. Sowmyya has received a project grant of 4.5 lakhs under the ICSSR IMPRESS scheme for multidisciplinary research on substance and non-substance addiction patterns in Indian adolescents and young adults. (2019-2021)

Number of Research publications -National/International projects year-wise 2018-19 onwards (bar chart)

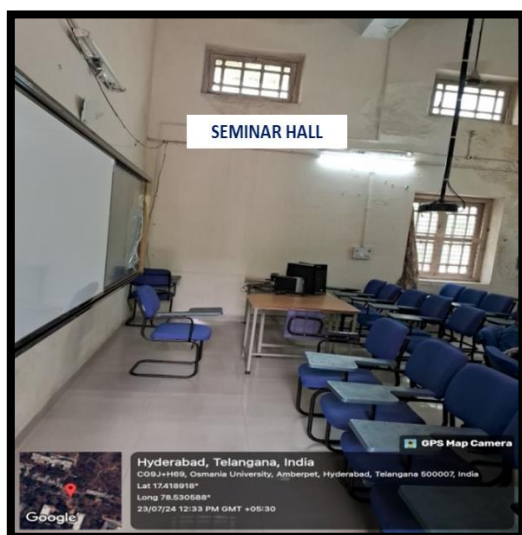


Sr. No.	Description	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
1.	Numbers of Papers Published:	02	04	02	03	04	03
2	Numbers of Books with ISBN:	---	---	---	---	---	---
3	Numbers of Journals with ISSN:	02	04	02	03	04	03
4	Numbers of Creative Writings:	---	---	---	---	---	---
5	Numbers of Text Books:	---	---	---	---	---	---

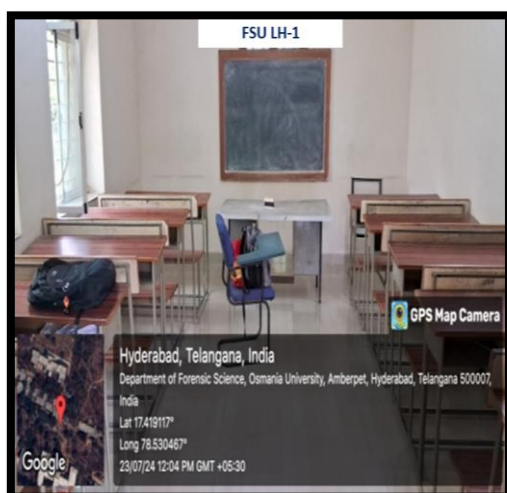
Infrastructural facilities

S.No.	Facilities	Number
1.	Total number of classrooms	5
2.	M.Sc. Classrooms with LCD facility and digital boards	2
3.	M.Sc. Students Laboratories	3
4.	Office room	1
5.	Staff rooms cum Research laboratories	2
6.	Library room	1

High speed internet is available in the department with Wi-Fi facility for all staff and students



Seminar hall (with LCD projector and digital board)



M.Sc. Previous classroom



M.Sc. Final classroom

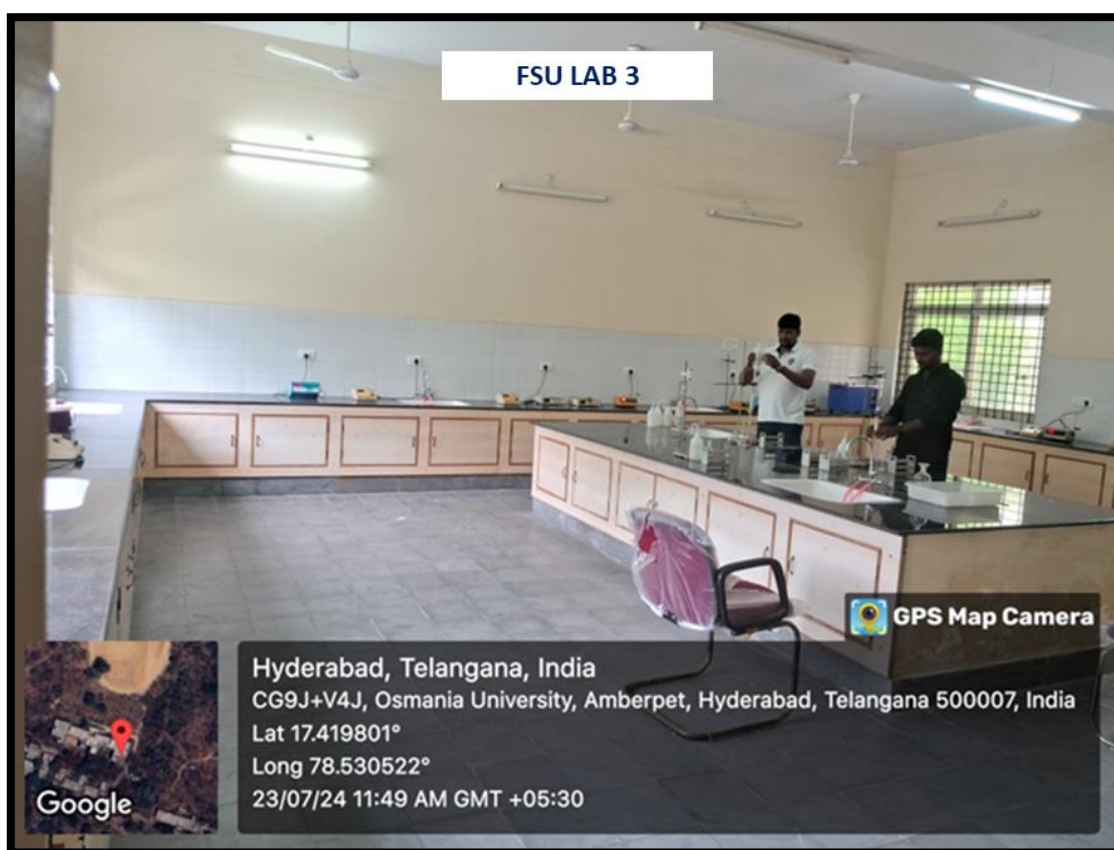


Lecture Hall (with digital board)

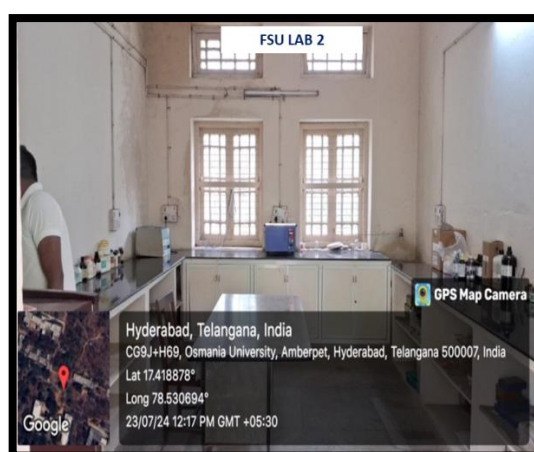
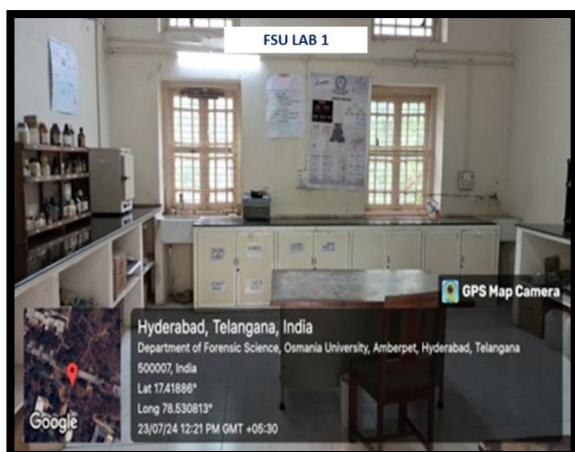


Lecture Hall in UPE building

(Classrooms in UPE building)

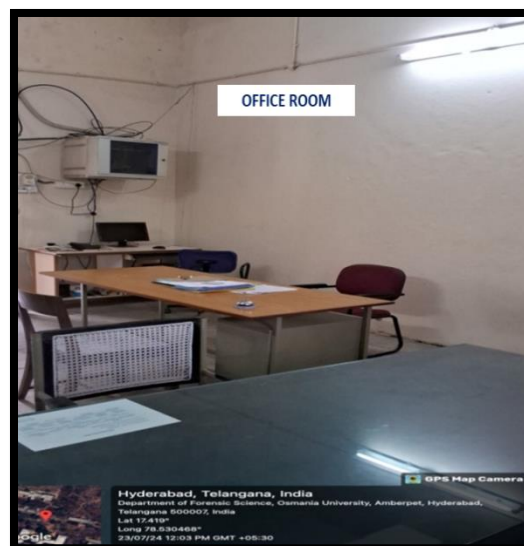
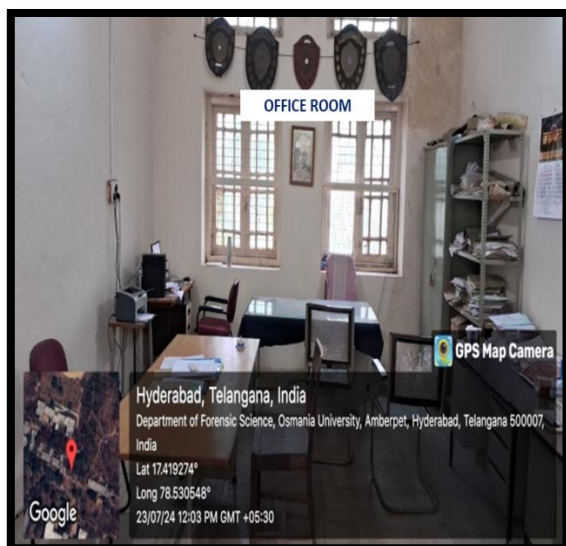


Instrumentation lab in UPE building

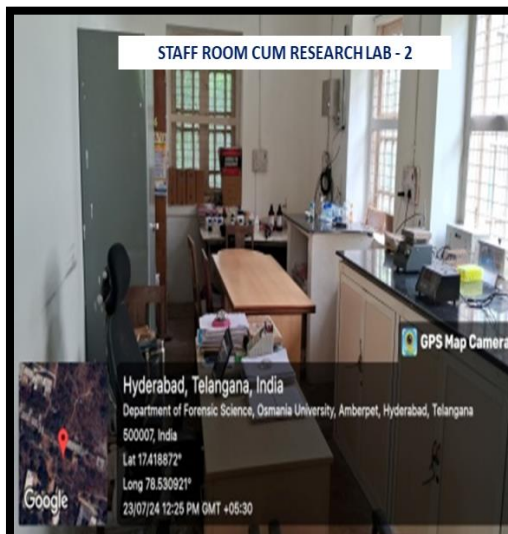
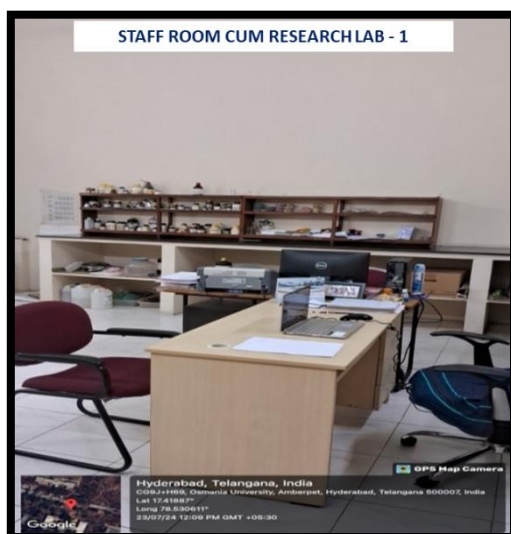


Forensic Chemistry, Imprints & Impressions lab

Forensic Biology & Physics Lab



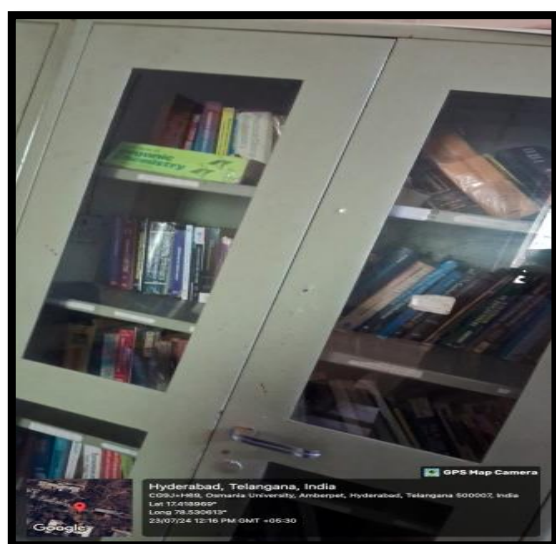
Office room



Staff room cum research laboratories

Library

The Forensic Science Unit has a seminar library stocked with a sufficient number of books (~ 200 books) to meet the needs of students across all four semesters. These books are available for both reference and issue to assist students in their studies. Additionally, the faculty maintains a repository of e-books, which can be accessed by students upon request.



Seminar library

List of instruments available

The following instruments are available in Forensic Science Unit.

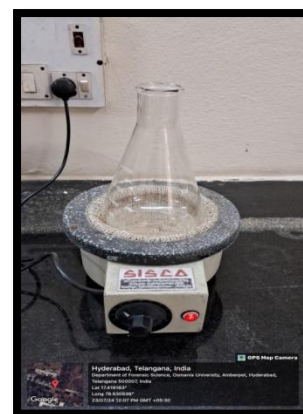
Colorimeters	Hot air ovens
Conductometers	Hot plates & Magnetic stirrers
Potentiometers	Autoclave
UV Chambers	pH meters
Microwave Oven	Digital balance
Digital Water baths	Refrigerators
Electrophoresis unit	Simple microscopes
Heating mantles	Incubator



Digital pH meter



Magnetic stirrer with hot plate



Heating mantle



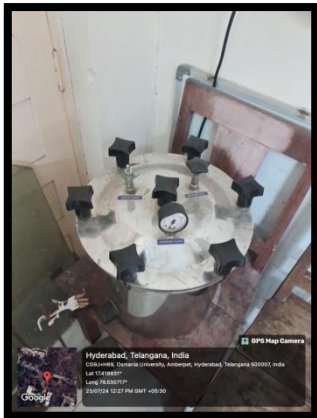
Incubator



Centrifuge



Digital Weighing balance



Autoclave



Microscope



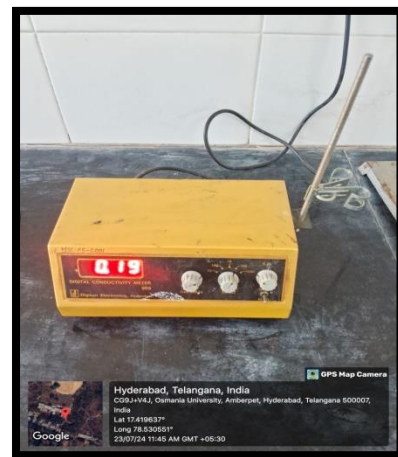
UV Chamber



Hot plate



Refrigerator



Digital Conductometer



Colorimeter



Digital water bath



Potentiometer

Seminars/Workshops/Conferences organized by the department year wise

	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024
Number of Seminars/ Workshops/ Summer Schools etc.	---	---	---	OU TAKSH Open day 2022 on March 24, 2022	OU TAKSH Open day 2023 on April 25, 2023	OU TAKSH Open day 2023 on April 25, 2024
Seminars, Conferences, Workshops, and Professional Development Programmes Attended by Faculty	02	06	33	09	06	01
Professional Development/ Administrative training programmes organized by the Department for teaching and non-teaching staff	---	---	---	---	---	---

S.No.	Events conducted
1.	OU TAKSH OPEN DAY 2022 was celebrated on March 24, 2022 by the Forensic Science Unit, UCS, OU by displaying Forensic exhibits and creating awareness among general public about the precautions to be taken to not become victims of crimes. The Department and exhibits were open to Higher school, Intermediate, UG, PG and PhD students from various departments of OU and outside schools and colleges from Telangana. Students from St. Pious College for Women, Nacharam, RBVRR College for Women, Narayanguda, Unicent school, Nagole, Shadan Degree College, Khairtabad, Social Welfare College for Women, Chaithanyapuri, Keshav memorial College, Narayanaguda, Bhavan's Vivekananda College, Sainikpuri, Govt. City College, Siddhartha PG College, Dr B R Ambedkar Degree & PG College, Baghlingampalli, Aurora Degree and PG College, AMS College, Vasthalya College, Bhongir, Ideal Degree College, Little Flower Degree College, Sri Sai Vikas College, Nizam College, Sri Vani College, Malakpet, and from various other departments of Osmania University visited the Open day and have expressed their excitement on learning about Forensic Science. They lauded the efforts of the students and faculty and requested for such programmes periodically to learn more about Forensic Science.
2.	OU TAKSH OPEN DAY 2023 was celebrated on April 25, 2023 by the Forensic Science Unit, UCS, OU by displaying Forensic exhibits and creating awareness among general public about the precautions

	to be taken to not become victims of crimes. The Department and exhibits were open to Higher school, Intermediate, UG, PG and PhD students from various departments of OU and outside schools and colleges from Telangana. Students from various departments of Osmania University and outside institutions visited the Open day and keenly listened to the explanation given by our students about the various Forensic exhibits displayed.
3.	OU TAKSH OPEN DAY 2024 was celebrated on April 25, 2024 by the Forensic Science Unit, UCS, OU by displaying Forensic exhibits and creating awareness among general public about the precautions to be taken to not become victims of crimes. The Department and exhibits were open to Higher school, Intermediate, UG, PG and PhD students from various departments of OU and outside schools and colleges from Telangana. Students from various departments of Osmania University and outside institutions visited the Open day and keenly listened to the explanation given by our students about the various Forensic exhibits displayed. The Clues Team, Hyderabad Police have demonstrated the on field testing kits being used by them during crime scene evidence collection.





OU TAKSH Open Day 2022



OU TAKSH Open Day 2023

Field visits/ Extension Lectures organized by department

S.No.	Visits arranged
1.	<p>Visit to Telangana State Forensic Science Laboratory (TGFSL) Hyderabad on July 3, 2018</p> <p>The visit was arranged to get an idea about the forensic work done in TGFSL, Hyderabad. The Forensic experts and officers gave an extension lecture on the nature of work undertaken in the Forensic labs. The students visited various divisions of the lab such as Forensic Ballistics, Forensic serology, Forensic chemistry, Forensic toxicology, Questioned documents, Cyber security, Narcotics divisions and gained knowledge on type of cases dealt in each division, the principle and working of analytical instrumentation used for sample analysis and forensic report preparation.</p> 
2.	<p>Visit to Fingerprint Bureau, Crime Investigation Department, Police Department, Telangana State on March 5, 2019</p> <p>An extension lecture was delivered by Fingerprint experts at FPB followed by demonstration of the fingerprint relevant softwares used for fingerprint analysis by Telangana State Police.</p> 

3.

Visit to City Police Training Centre, Hyderabad on May 3, 2019

The visit was arranged to demonstrate firearms such as revolver, pistol, AK47, AK74, Carbine, SLR, Shotgun, etc. and rifled and shotgun ammunition along with the explanation of individual parts and firing mechanism. The police officers assigned have given a thorough theoretical and practical session on Forensic Ballistics and related case work.



4.

Visit to Gandhi Medical College, Hyderabad on November 29, 2021

The visit was arranged to see the Forensic museum in Department of Forensic Medicine and Toxicology, GMC. The museum had varied Forensic exhibits related to Forensic Medicine and Toxicology. An extension lecture was delivered by the Forensic Medicine faculty about the nature of work undertaken by them. They also gave a demonstration of live autopsy examination to M.Sc. Forensic Science students.



5.

Visit to City Police Training Centre, Hyderabad on November 30, 2021

The visit was arranged to demonstrate firearms such as revolver, pistol, AK47, AK74, Carbine, SLR, Shotgun, etc. and rifled and shotgun ammunition along with the explanation of individual parts and firing mechanism. The police officers assigned have given a thorough theoretical and practical session on Forensic Ballistics and related case work.



6.

Visit to Telangana State Forensic Science Laboratory (TGFSL) Hyderabad on August 2, 2022

The visit was arranged to get an idea about the forensic work done in TGFSL, Hyderabad. The Forensic experts and officers gave an extension lecture on the nature of work undertaken in the Forensic labs. The students visited various divisions of the lab such as Forensic Ballistics, Forensic serology, Forensic chemistry, Forensic toxicology, Questioned documents, Cyber security, Narcotics divisions and gained knowledge on type of cases dealt in each division, the principle and working of analytical instrumentation used for sample analysis and forensic report preparation.



7. **Visit to Fingerprint Bureau, Crime Investigation Department, Police Department, Telangana State on August 5, 2022**

An extension lecture was delivered by Fingerprint experts at FPB followed by demonstration of the fingerprint relevant softwares used for fingerprint analysis by Telangana State Police.



8. **Visit to Gandhi Medical College, Hyderabad on August 6, 2022**

The visit was arranged to see the Forensic museum in Department of Forensic Medicine and Toxicology, GMC. The museum had varied Forensic exhibits related to Forensic Medicine and Toxicology. An extension lecture was delivered by the Forensic Medicine faculty about the nature of work undertaken by them. They also gave a demonstration of live autopsy examination to M.Sc. Forensic Science students.



9.

Visit to City Police Training Centre, Hyderabad on August 12, 2022

The visit was arranged to demonstrate firearms such as revolver, pistol, AK47, AK74, Carbine, SLR, Shotgun, etc. and rifled and shotgun ammunition along with the explanation of individual parts and firing mechanism. The police officers assigned have given a thorough theoretical and practical session on Forensic Ballistics and related case work.



10.

Visit to Telangana State Forensic Science Laboratory (TGFSL) Hyderabad on February 2, 2023

The visit was arranged to get an idea about the forensic work done in TGFSL, Hyderabad. The Forensic experts and officers gave an extension lecture on the nature of work undertaken in the Forensic labs. The students visited various divisions of the lab such as Forensic Ballistics, Forensic serology, Forensic chemistry, Forensic toxicology, Questioned documents, Cyber security, Narcotics divisions and gained knowledge on type of cases deals in each division, the principle and working of analytical instrumentation used for sample analysis and forensic report preparation.



11.

Visit to Gandhi Medical College, Hyderabad on July 12, 2023

The visit was arranged to see the Forensic museum in Department of Forensic Medicine and Toxicology, GMC. The museum had varied Forensic exhibits related to Forensic Medicine and Toxicology. An extension lecture was delivered by the Forensic Medicine faculty about the nature of work undertaken by them. They also gave a demonstration of live autopsy examination to M.Sc. Forensic Science students.



12.

Visit to City Police Training Centre, Hyderabad on July 13, 2023

The visit was arranged to demonstrate firearms such as revolver, pistol, AK47, AK74, Carbine, SLR, Shotgun, etc. and rifled and shotgun ammunition along with the explanation of individual parts and firing mechanism. The police officers assigned have given a thorough theoretical and practical session on Forensic Ballistics and related case work.



13.

Visit to Telangana State Forensic Science Laboratory (TGFSL) Hyderabad on July 15, 2023

The visit was arranged to get an idea about the forensic work done in TGFSL, Hyderabad. The Forensic experts and officers gave an extension lecture on the nature of work undertaken in the Forensic labs. The students visited various divisions of the lab such as Forensic Ballistics, Forensic serology, Forensic chemistry, Forensic toxicology, Questioned documents, Cyber security, Narcotics divisions and gained knowledge on type of cases deals in each division, the principle and working of analytical instrumentation used for sample analysis and forensic report preparation.



14.

Visit to CFRD, Osmania University on February 7, 2024

The visit to CFRD, Osmania University has been arranged for students of M.Sc. Forensic Science to learn about various instrumental techniques and their handling. The students could learn about HPLC, IR Spectrophotometry, NMR Spectrometry and their applications in Forensic Science



Outreach activities

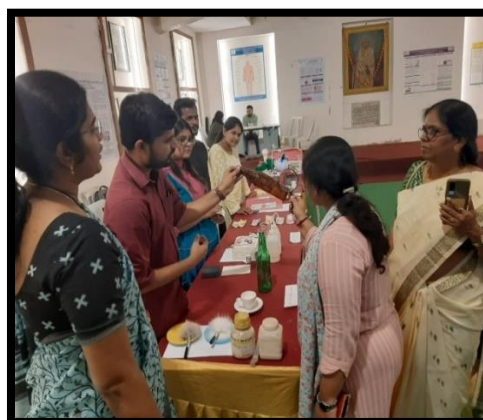
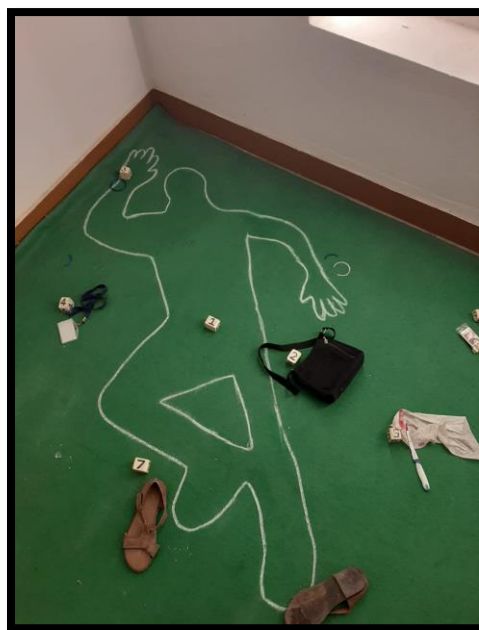
Outreach Programme “Lab to Land” was conducted on **February 11-12, 2023** at the Industrial Exhibition-2023, Nampally Exhibition Grounds. M.Sc. Forensic Science students as part of the Outreach Programme presented Forensic exhibits and explained the importance of the subject to general public. The exhibits presented were designed to be understandable by a lay man.

ల్యాబ్ టు లాండ్ పేరిట ఓయూ విద్యార్థుల హైదరాబాద్ ఇండస్ట్రియల్ ఎగ్జిబిషన్



తారాక, ఫిబ్రవరి 13 (ప్రజావాక్యం ప్రతినిధి)

:నుమాయిష్ లో ఉస్మానియా విశ్వవిద్యాలయ విద్యార్థులు చేపట్టిన ప్రయోగాత్మక ప్రదర్శనలు ఆహూతులను ఆకర్షించాయి. ఔట్ రీచ్ కార్యక్రమంలో భాగంగా ల్యాబ్ టు లాండ్ పేరిట ఓయూ విద్యార్థులు హైదరాబాద్ ఇండస్ట్రియల్ ఎగ్జిబిషన్ మైదానంలో ప్రత్యేక కార్యక్రమాన్ని చేపట్టారు. ఈ నెల 11, 12 తేదీల్లో విద్యార్థులు చేసిన సైన్స్ ప్రయోగాలు సందర్శకులను ఆకట్టుకున్నాయి. విద్యార్థులతో సహా ఆయా విభాగాల అధ్యాపకులు కూడా ప్రయోగాల్లో పాలు పంచుకున్నారు. సీపీఎంబీ సంచాలకులు డాక్టర్ రామకృష్ణ కంచ కార్యక్రమాన్ని సమన్వయం చేశారు. ఎన్ఫోర్స్ మెంటల్ సైన్సెస్ విభాగానికి చెందిన డాక్టర్ డి.శశికళ, పోరెన్సిక్ సైన్స్ విభాగం నుంచి డాక్టర్ సౌమ్య, మైక్రోబయాలజీ అధ్యాపకురాలు డాక్టర్ హమీదా బీ, జెనెటిక్స్ నుంచి డాక్టర్ సంధ్య అన్నమనేని, సైకాలజీ అధ్యాపకురాలు డాక్టర్ అనుపమ అనపర్తి, కెమికల్ ఇంజనీరింగ్ అధ్యాపకుడు డాక్టర్ సదాం ఐలయ్య, డాక్టర్ విజయభాస్కర్ రెడ్డి పరిశోధనలను సామన్య భాషలో ప్రదర్శించారు. కార్యక్రమాన్ని సందర్శించిన ఓయూ యూజీసీ వ్యవహారాల డీన్ ప్రొఫెసర్ మల్లేశం విద్యార్థులు, అధ్యాపకుల ప్రదర్శనను అభినందించారు. శాస్త్ర సాంకేతిక పరిజ్ఞానాన్ని ప్రజలకు చేరువ చేయటంలో ఓయూ విద్యార్థులు, అధ్యాపకుల కృషిని కొనియాడారు.



**Forensic Exhibits displayed at Industrial exhibition 2023 in “LAB TO LAND”
Outreach programme**

Extracurricular activities

1	M.Sc. Forensic Science 2017-2019 Batch has received the overall championship in the Annual Sport's day 2019.
2	M.Sc. Forensic Science students have participated in Two day international seminar on "Current trends and futuristic challenges in chemical sciences" and also performed in the cultural programme in the seminar on July 29, 2022
3	Ms. T. Ananya Sai Srikari, student of M.Sc. Forensic Science participated in 10 th National Ice Hockey Championship in Leh, Ladakh during February 2 - 9, 2023 organized by Ice Hockey Association of India
4	M.Sc. Forensic Science students participated actively in sports and cultural competitions conducted by University College of Science and have received awards in various events (May 9, 2023)
5	Ms. T. Ananya Sai Srikari, student of M.Sc. Forensic Science participated in the 11 th National Ice Hockey Championship (Women) at Kaza, Himachal Pradesh during January 19 - 25, 2024
6	Ms. T. Ananya Sai Srikari, student of M.Sc. Forensic Science participated in Kheelo India Winter Games 2024 - Ice Hockey held at Leh, Ladakh during February 2 - 6, 2024



Students participated in cultural programme on International Seminar (July 29, 2022)



Ms. T. Ananya Sai Srikari, student of M.Sc. Forensic Science participated in 10th National Ice Hockey Championship in Leh, Ladakh during February 2 - 9, 2023 organized by Ice Hockey Association of India



Students received awards in Annual Sports day on May 9, 2023



Ms. T. Ananya Sai Srikari, student of M.Sc. Forensic Science participated in the 11th National Ice Hockey Championship (Women) at Kaza, Himachal Pradesh during January 19 - 25, 2024

KHELO INDIA WINTER GAMES 2024

Ice Hockey Women - League

TELANGANA

YASMIN AKHTAR	13	HASINA BANOO	1
ANANYA SRIKARI	3	ASIYA BATOOL	26
RITIKA PANDEY (C)	19	KHUSHI AGARWAL	15
MEHROON NISSA	17	TASLIMA BATOOL AMAN	8
AQEELA BANOO	10	STANZIN NEADON	12
MARYAM BEE	4	JIGMAT DEACHAN SKITLA	18
HAKIMA BANOO	27	KHARIUN NISSA	20
SIDIQA BANOO (G)	22		
FATIMA PRAVEEN	9		
SONAM WANGMO	16		
MEPHAM DOLKER	14		



Ms. T. Ananya Sai Srikari, student of M.Sc. Forensic Science participated in Kehlo India Winter Games 2024 - Ice Hockey held at Leh, Ladakh during February 2 - 6, 2024

Placements

Students opt for jobs or research after their M.Sc. Forensic Science. Students who have completed their M.Sc. Forensic Science have settled down in various fields and are faring well in their jobs. Some of them have also opted to pursue further studies abroad. Forensic Science students have registered and have also been awarded doctoral degrees at Osmania University. Students also clear UGC-NET examination for JRF and lectureship to pursue their research or teaching careers.

Most of our students have also qualified the FACT examination conducted by MHA, Govt. of India for recruitment into Forensic Science laboratories all over the country. Some of the students are working with the Truth Labs. Few students are working with insurance companies for investigation of insurance frauds and others are opting to join the IT sector in the cyber security wing. Some of the students have opted for administrative jobs. Some are working as faculty at private Universities and colleges offering courses in Forensic Science. Students are also joining the research institutes in research positions. The Telangana State Police Department has recruited Forensic Science students at Osmania University as Crime Scene Officers in the Clues Team. Students have also exhibited their potential in the private sector, where they have joined companies like Amazon, Uber, Accenture as experts in the fraud detection team and incident response team. Some of our students have also joined the Telangana State Forensic Science Laboratory as Scientific Assistant (Contract).

Students working in TGFSL, Hyderabad, RFSL, Telangana and other Forensic Laboratories (Outsourcing or contract basis)

TGFSL & RFSL				
S.No.	Name	Designation	Work Location	Any other Achievement
2017-2019 Batch				
1.	Rajesh Balkath	Scientific Assistant	RFSL, MBNR	<ul style="list-style-type: none"> • Qualified UGC NET, July 2019 • Teaching experience in Forensic Science – 2 years • Worked in Truth Labs • Worked as Research Asst. in ICSSR IMPRESS project at OU
2018-2020 Batch				
1.	Delna Rose Davis	Scientific Officer	TGFSL, Hyd	<ul style="list-style-type: none"> • Qualified UGC-NET, November 2022
2.	Shaik Basheeruddin	Scientific Assistant	RFSL, MBNR	---
3.	Shaik Aamer Sohail	Scientific Assistant	TGFSL, Hyd	<ul style="list-style-type: none"> • Qualified FACT (Forensic Aptitude and Caliber Test) • Qualified UGC-NET, November 2022
4.	Sushma Korthiwada	Scientific Assistant	TGFSL, Hyd	<ul style="list-style-type: none"> • Qualified FACT 2021 (Biology)

5.	Harika Varma	Lab Assistant	TGFSL, Hyd	• Qualified FACT 2021 (Biology)
2019-2021 Batch				
1.	Manisha Pandey	Scientific Assistant	TGFSL, Hyd	---
2.	Sheik Heena	Lab Assistant	TGFSL, Hyd	• Qualified FACT 2021 (Biology)
3.	A. Tejaswini	Scientific Assistant	TGFSL, Hyd	---
2020-2022 Batch				
1.	Sri Vyshnavi Idigani	Lab Assistant	TGFSL, Hyd	---

Odisha FSL			
2020-2022 Batch			
1.	T. Tejaswini Reddy	Assistant Scientific Officer	Odisha FSL

Truth Labs Forensic Services				
2017-2019 Batch				
1.	Aakash Katakam	Assistant Director	Truth Labs Hyd	---
2020-2022 Batch				
1.	Kushal Gowliker	Scientific Officer	Truth Labs, Hyd	Qualified FACT 2024(Chemistry)

Students working in other sectors (Batch wise)

S.No.	Name of student	Designation	Place of work	Other achievements
2016-2018				
1.	MD Sufiyan Ali	Crime Scene Officer	Clue Team, Cyberabad Police	UGC NET qualified June 2023
2.	D Manisha Priyanka	investigation specialist	Amazon	Qualified FACT
3.	M Sharan chandra	Senior Associate Analyst	Commonwealth Bank of Australia	Qualified FACT
4.	Meghana Kona	Data Analyst	Deloitte, Hyderabad	---
2017-2019				
1.	K Raga Vasanthi Reddy	Investigation specialist	Amazon	Joined as Panchayat secretary and resigned
2.	Mantri Neha	Medical Coder	Optum	---
3.	B. Archana Reddy	L3	Amazon	---

4.	Chalandula Mrunalini Yadav	Cyber Security Researcher	LTIMindtree Metro STPI, opposite IKEA, Hyderabad	<ul style="list-style-type: none"> • Pursued PGDCL pursued along with M.Sc. Forensic Science • Certified Ethical Hacker (after M.Sc.) • Selected for Scientific Assistant post in TSFSL - Hyderabad (Contract Basis— Order Dt-24-01-2022) but didn't join as already working in MNC
5.	Akhumukhi Siri Chandana	Technical support engineer	SOPHOS technologies Pvt. Ltd.	<ul style="list-style-type: none"> • Certified Ethical Hacker • Qualified UGC-NET September 2020
6.	S. Revathy	PhD JRF	Department of Chemistry, UCS, OU	<ul style="list-style-type: none"> • Qualified UGC-NET JRF
7.	Pranavi Mahadevuni	Associate Information Security Engineer	Hitech City	<ul style="list-style-type: none"> • PG Diploma in Cyber Security and Cyber Forensics

2018-2020

1.	Saika Beerval	Extension Assistant	Agrilife Extension Service - Texas A&M University	---
2.	Boyini Ranjith Kumar	Medical coder	Optum, Chennai	CPC certification
3.	Vakiti Neelima	Crime Scene Officer (on Outsourcing basis)	LB Nagar Zonal Clues Team, Rachakonda Commissionerate	<ul style="list-style-type: none"> • Qualified TGPSC Group 4 and Certificate Verification under process • Qualified UGC NET 2021, 2022

2019-2021

1.	Kummari Rajinikanth	Medical coder	Eclat health solutions, Hitech City,Hyd	---
2.	Gurjala Namratha	Medical coder- Associate	Eclat Health Solutions	---
3.	Narishetti.Gayathri	Jr.analyst(food and water analysis)	Vimta lab's	Qualified FACT

4.	J Supriya	IIT trainer	Narayana Educational Institutions, Dilsukhnagar	Qualified for group 1 prelims
2020-2022				
1.	Akella Sai Radha Aishwarya	PhD (Chemistry) - JRF	Indian Institute of Technology Hyderabad (IIT Hyderabad)	DST-INSPIRE
2.	Aishwarya Sebastian	Project Associate -I	Indian Institute of Chemical Technology (IICT Hyderabad)	Teaching experience of 1 year in teaching M.Sc. Biochemistry and Forensic Science students
3.	Manasa Singaraju	Tutor	Kamineni Institue of Medical Sciences and Research Centre	Guest faculty at FSU, OU
4.	Kanchan Singh	part time faculty	FSU, OU	Worked at Delhi Public School
5.	Anushka Arvind	Project trainee	Dr Reddy's Institute of Life Sciences, Hyderabad	---
6.	Boddu Bhavani	Cyber Security Analyst	KLEAP Technologies	Certified Ethical Hacker (CEH)
7.	Suliman	PhD (Forensic Sciences)	National Forensic Sciences University	---
8.	Nayakam Anjali	Intern	CFSL, Pune	PG Diploma at NFSU
9.	Amgothu Mounika	Criminal section clerk cum junior assistant	First Additional Junior civil judge court	---
10.	Nimma Ajay	Intern	TGFSL, Hyderabad	---
2021-2023				
1.	Dubasi Jagruthi	Trust & safety new associate	Accenture, Gachibowli	---
2.	K. Vasanth kumar	Intern	TGFSL, Hyderabad	Qualified FACT
3.	Neella Purnima	Associate medical coding analyst	Optum Hyderabad	---
4.	S. Nandini	Associate at optum	Phoenix, Gachibowli	Qualified DST-INSPIRE Phase 1
5.	S. Rachana	Manappuram Gold loan finance limited	Chilakalaguda	---

Student achievements (Batch wise)

Batch	2017-2019	2018-2020	2019-2021	2020-2022	2021-2023
UGC NET Qualified	5	3	---	2	---
UGC NET JRF/ DST-INSPIRE	1	---	---	1	1
TS SET Qualified	1	---	---	---	---
FACT Qualified	---	---	2	1	1

Alumni

1. **Dr. Mohd Idris**, Forensic Scientist (Toxicology) at Centre of Excellence in Forensic Sciences, Naif Arab University for Security Sciences, Riyadh, Kingdom of Saudi Arabia
2. **Dr. Shahzadh Ahmed**, Assistant Professor (Contract), Forensic Toxicology, Department of Medical Elementology and Toxicology, Jamia Hamdard, New Delhi
3. **Smt. Singireddy Archana**, Assistant Labour Officer, Circle-3, Hyderabad
4. **Mr. Uday**, Forest Range Officer
5. **Ms. Priyanka Shukla**, Scientist – B (Toxicology), CFSL, Pune
6. **Mr. Pradeep**, Scene of Crime Officer, Karnataka State Forensic Science Laboratory (Regular)
7. **Dr. J. Bal Singh**, Scientific Officer, Bihar State Forensic Science Laboratory (Regular)
8. **Mr. A. Ashok**, Librarian, Kendriya Vishwavidyala, Adilabad (Regular)
9. **Dr. S. Raju**, Senior Scientific Officer – Crime Scene (Contractual), Delhi Forensic Science Laboratory
10. **Mr. V. Vijay**, Programme Manager, Doordarshan, Delhi (Regular)
11. **Mr. Naveen Kumar**, Chief Vigilance Inspector/ Accounts Officer, Rail Nilayam, South Central Railways (Regular)
12. **Mr. Anil**, Bank Manager, Central Bank of India, Hyderabad
13. **Mr. Thota Mahesh**, Junior Forensic Assistant Chemical Examiner (Contractual) – Crime Scene, Delhi State Forensic Science Laboratory
14. **Dr. Chinnesh Bhukya**, Crime Scene Officer, Clues Team, Hyderabad Police
15. **Mr. Venkat**, Scientific Assistant – DNA (Outsourcing), Telangana State Forensic Science Laboratory, Hyderabad
16. **Dr. Sameer Ahmed**, Associate Professor, Department of Chemistry, Lords Institute of Engineering and Technology, Osmania University
17. **Dr. Perka Shyam**, Former Executive Council Member, Osmania University, Hyderabad
18. **Ms. M. Pallavi**, Coordinator, Forensic Science, RBVRR Women's College, Narayanaguda
19. **Dr. Pravalikha**, Assistant Professor, Christ University, Bengaluru
20. **Mrs. Manisha**, Food Corporation of India, Hyderabad

21. **Mr. G. Shivudu**, Project SRF, Food Chemistry Division, ICMR-NIN, Hyderabad
22. **Mr. Mohan E.**, Director, Probelab Forensic, Hyderabad
23. **Mr. Venkataiah Bhootham**, Scientific Assistant (DNA), TGFSL, Hyderabad
24. **Mrs. K. S. Preethi**, Senior Scientific Assistant, SVP National Police Academy, Hyderabad
25. **Mrs. S. Nikitha**, Anti Money Laundering Compliance, JP Morgan Chase
26. **Mr. Balakrishna Jogi**, Teacher, MJPWREIS, Telangana
27. **Mr. T. Murali Mahesh**, Crime Scene Officer, Clues Team, Hyderabad Police
28. **Mr. Pulaboyina Ravinder**, Senior Executive, Biological E. Ltd.
29. **Mrs. Gajula Sowmya**, PhD JRF, Department of Chemistry, Osmania University, Hyderabad
30. **Mrs. Ayyagari Naga Soumya**, Academic Coordinator, International School, Nallagandla
31. **Ms. Priyanka Mahendra**, Claims Advocate, Uber India Research and Development
32. **Ms. K. Aparna**, Tutor, Shadan Medical College

PART TIME FACULTY

- | | |
|----|---------------|
| 1. | Mr. M. Mahesh |
|----|---------------|

Supporting Non-Teaching Staff of Department

S.No.	Name	Designation	Regular/ Time scale/ Contract
1.	Sri. B. Mothilal	Lab Attendant	Regular
2.	Smt. B. Parwathamma	Kamatan	Time scale
3.	Sri. T. J. Shiva Kumar	Junior Asst. cum Computer Operator	Contract