



# **SHRI RAMSWAROOP MEMORIAL UNIVERSITY**

**ANNUAL REPORT: 2024-25**



**LUCKNOW DEVA ROAD, BARABANKI**

**UTTAR PRADESH-225003**

## Table of Contents

| S. No. | Content  | Page Number |
|--------|--|-------------|
| 1      | Message from Chancellor                                    | 3           |
| 2      | Message from Pro-Chancellor                                | 4           |
| 3      | Message from Vice-Chancellor                               | 5           |
| 4      | Message from Director IQAC                                 | 6           |
| 5      | Editorial Board  | 7           |
| 6      | Vision, Mission & Core Values                              | 8           |
| 7      | Profile of Shri Ramswaroop Memorial University             | 9           |
| 8      | Institute of Technology                                    | 11          |
| 9      | Institute of Management, Commerce and Economics            | 29          |
| 10     | Institute of Natural Sciences and Humanities               | 33          |
| 11     | Institute of Biosciences and Technology                    | 48          |
| 12     | Institute of Legal Studies                                 | 61          |
| 13     | Institute of Agricultural Sciences and Technology          | 64          |
| 14     | Institute of Education and Research                        | 66          |
| 15     | Institute of Pharmacy                                      | 69          |
| 16     | Institute of Diploma Studies                               | 77          |
| 18     | Institute of Pharmaceutical Sciences                       | 80          |
| 20     | Central Library  | 81          |
| 21     | Director Student Welfare                                   | 82          |
| 22     | Research & Consultancy Cell                                | 84          |
| 23     | E-Content Development Cell                                 | 91          |
| 24     | Q-Club/ Health camps and Awareness Programs                | 93          |
| 25     | National Cadet Corps (NCC)                                 | 96          |
| 26     | Training & Placement Cell                                  | 101         |
| 27     | Extension/ Community Services                              | 103         |
| 28     | Centre for Innovation Incubation & Entrepreneurship (CIIE) | 107         |
| 29     | HR Office-Welfare Measures                                 | 111         |
| 30     | University Clubs   | 112         |
| 31     | Inauguration of New Study Centre at SRMU                   | 116         |
| 32     | Registrar Office   | 118         |
| 33     | Dharohar   | 123         |



### **Chancellor's Message**

The Annual Report (2024-25) highlights Shri Ramswaroop Memorial University's many accomplishments in the areas of innovative projects, teamwork in education, superior research, academic and cultural pursuits, and student achievement.

The distinctive methodology and excellent teaching-learning environment serve as indicators of our success and this year has been a remarkable year for all of us. When interacting with our stakeholders, it is a pleasure to recognize our teachers and staff for their exceptional performance in all areas for the year 2024-25 and to recruit the top students.

The institution has successfully continued to set a benchmark this year in enhancing capabilities to serve the community. The collective efforts of the faculty and students increased academic excellence quadruple times with all the new projects and initiatives taken up at every level through our work performance and rendering of services.

The family fraternity at SRMU is always striving to remain on the cutting edge and to unleash the potential for further growth. I'm thrilled with the year's accomplishments and look forward to further success in the future.

**Er. Pankaj Agarwal**

**Chancellor, SRMU**



### **Pro-Chancellor's Message**

Our identity and actions are based on our capacity to change people's lives and society. Our reputation has been established by providing excellent instruction that changes lives and strong collaborations that open up new avenues for addressing the issues that confront us both domestically and internationally. In order to give our students the greatest academic and professional resources to prepare them for a worldwide journey, we at Shri Ramswaroop Memorial University (SRMU) are dedicated to using our facilities and system to world-class standards. In order to create lifelong learning systems, emphasis is placed on the holistic development of each student as well as the instillation of values and ethics. We encourage students to engage in conferences, seminars, workshops, and industry trips in addition to internships to ensure their multifaceted growth. National Social Service (NSS), National Cadet Corps (NCC), and 'Apni Pathshala', which works to educate and protect the rights of disadvantaged children, inspire them to contribute back to society. The Women's Cell, or "Pratibha," works to uphold women's dignity in the workplace, fosters their well-being, and offers a safe space for exchanging opinions and private information.

In order to help our students confront the demands of the workforce in the increasingly globalized economic environment, we intend to advance by setting standards for academic excellence and holistic grooming through our sports fest "Ullas" and other extra-curricular activities.

**Er. Pooja Agarwal**

**Pro-Chancellor, SRMU**



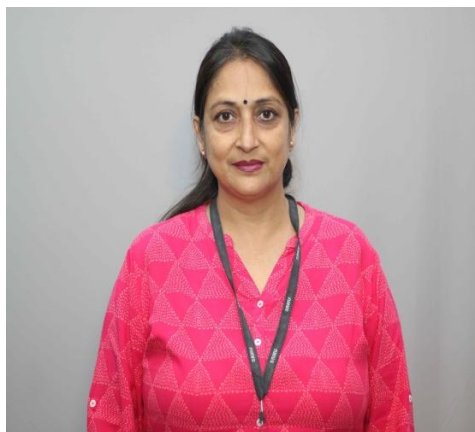
### **Vice-Chancellor's Message**

A first peek at the Annual Report 2024-25 inspires pride and a sense of accomplishment as we proudly reflect on the numerous accomplishments we have made as a top-tier institution. Our constant focus is on establishing and growing an atmosphere conducive to innovation and research. To make sure you learn from the best, we have a great pool of highly skilled instructors, mentors, and guides with extensive industry experience. We have embraced industry-ready curricula and worldwide learning standards. The university is extending chances for students to become employment suppliers rather than merely job seekers and is leading the way in innovative ways to use internet technology to enhance educational experience.

In addition to academics, we provide the greatest facilities for extracurricular activities that give you the chance to fully develop your ability and talents and instill values that you will need throughout your life. Clubs run by students, as well as social, cultural, and athletic events, liven up campus and help you develop the mental and physical fitness that is essential for high-pressure jobs. We raise you to be a decent person who succeeds in many facets of life and demonstrates your abilities. We instill in you a will to achieve that surpasses your fear of failing. Our firm hold on to the promise to keep giving back to the society remains strong for which I would like to thank each member of the persistent family for their active support and consistent efforts.

**Prof. (Dr.) Vikas Misra**

**Vice-Chancellor, SRMU**



### **Director IQAC Message**

It gives me great pleasure to present the annual report for the session 2024-2025. This report encapsulates our institution's efforts and achievements in upholding quality standards across all educational, administrative, and support services, reflecting our unwavering commitment to excellence and continuous improvement.

The IQAC serves as the driving force in fostering a culture of quality within the institution, ensuring that our practices align with both national and international benchmarks. This year, we undertook several initiatives aimed at enhancing teaching methodologies, improving student support systems, and expanding our research footprint. Through workshops, feedback mechanisms, and strategic planning, we have strived to create an environment that not only enhances academic standards but also enriches the holistic development of our students and faculty.

This year's success would not have been possible without the dedication and active participation of our staff, faculty, and students. Their collaborative spirit and commitment have been instrumental in achieving our quality objectives. I would also like to extend my gratitude to the Management and Governing Body for their continuous support and visionary leadership.

Looking ahead, the IQAC remains committed to adopting innovative strategies, embracing digital advancements, and fostering a sustainable educational ecosystem. Together, we will continue to strengthen our institution's reputation for excellence and integrity in all that we do.

Thank you for your support and belief in our mission.

**Prof. Ritu Chandra**

**Director, Internal Quality Assurance Cell (IQAC)**

## Editorial Board

The Annual Report of Shri Ramswaroop Memorial University for the session 01.07.2024 to 30.06.2025 highlighting the activities and achievements of Shri Ramswaroop Memorial University during the year 2024-2025 is presented herewith.

The Report consists of:

- Achievements and highlights of activities of the relevant period (01.07.2024 to 30.06.2025).
- Information about Shri Ramswaroop Memorial University 's academic progress including Institutes/ Faculties, central offices and Finance.
- Information and Data about the University.

The Editorial Board comprises the following members:



**Dr. Ritu Chandra**  
(Director, IQAC)



**Dr. Rajesh Kumar Porwal**  
(Deputy Director, IQAC)



**Dr. Shilpa Shukla**  
(Associate Director, IQAC)



**Er. Rishabh Joshi**  
(Associate Director, IQAC)



**Dr. Mritunjay Rai**  
(Assistant Director, IQAC)



**Er. Abhishek Kumar Saxena**  
(Assistant Director, IQAC)

The Editorial Board acknowledges the contribution of all the Directors /Deans, Faculty members and Administrative Offices.

## **Vision, Mission and Core Values**

### **VISION**

To be a globally recognized place of teaching-learning, doing research and preparing human capital with ethical, social and ecological sensibilities, there by contributing to the national prosperity.

### **MISSION**

- To build upon existing programs and courses and initiate new programs and courses in tune with the emerging national and global trends relevant to local needs.
- To serve students of different backgrounds and abilities, through effective teaching-learning experiences in order to develop lifelong learning skills and leadership qualities.
- To collaborate with national and international institutes of eminence in research and consultancy.
- To promote creativity, innovation and entrepreneurship among students for the betterment of the society.
- To inculcate wisdom, professional ethics, value system and social sensibilities in the students.
- To create an academic ambience with physical and learning infrastructure and establish a clean and green campus.

### **CORE VALUES**

- **Integrity & Ethics:**  
The University upholds the highest ethical values, integrity and professionalism as well as commitment to academic freedom, transparency and accountability.
- **Inclusiveness and Diversity:**  
The University embraces and acts on responsibility to guarantee diversity and equity.
- **Student Centric:**  
The University fosters a student-centric environment and provides student centered, interdisciplinary, multidisciplinary programs leading to professional excellence.
- **Excellence:**  
The University is committed to maintain academic excellence through quality education, extra-curricular activities and lifelong learning skills.
- **Participatory governance:**  
The University encourages shared decision making through a process that rests upon collaborative consultation, open flow of information, diverse involvement and collective deliberations of all stakeholders.
- **Collaboration:**  
The University is working towards common goals with other stakeholders in the university and the community through outreach programs while valuing teamwork, participation and diversity of ideas and perspectives.
- **Sustainability:**  
The University acts in a manner that is environmentally, economically and socially sustainable.

## PROFILE OF SHRI RAMSWAROOP MEMORIAL UNIVERSITY

Shri Ramswaroop Memorial University, Lucknow-Deva Road, Barabanki in the vibrant state of Uttar Pradesh has been established by an Act of State Legislature of Uttar Pradesh (UP Act No. 1 of 2012) as a Private University vide Gazette Notification No. 530(2)/LXXIX-V-I-12-1(ka) 27-11, dated 04th July 2012 and registered under Section 2 (f) of UGC Act and is empowered to award degree under Section 22 of UGC Act.

The establishment of Shri Ramswaroop Memorial University (SRMU) is the culmination of the expertise developed over 20 years' quest for excellence by Shri Ramswaroop Memorial Group of Professional Colleges (SRMGPC) and marks another step in the direction of shaping myriad hued dreams and turning them into achievable reality.

Founders of the university, alumnus and gold medalist from IIT Kanpur, envision SRMU being a world class university by achieving excellence in the fields of education, research & consultancy, through socially enriching and ethically responsible pursuits. The phenomenal journey of the group dates back to 1999. With just 22 students and an unwavering commitment to quality education, led to birth of SRMU.

SRMU is a confluence of academic, cultural and intellectual resources. With the vision to be a globally recognized place of teaching-learning, doing research and preparing human capital with ethical, social and ecological sensibilities, thereby contributing to the national prosperity, SRMU is committed to achieve the highest levels of distinction in the innovation and transmission of knowledge and understanding. The University fosters a student-centric environment and provides student centered, interdisciplinary, multidisciplinary programs leading to professional excellence. At present, 10 Institutes offer a wide spectrum of choice for students to choose undergraduate, post-graduate, diploma and doctoral programs in engineering (Mechanical, Civil, Electrical, Electronics & Communication, Computer Science), Biotechnology & Bio-Science, Management, Commerce, Economics, Computer Applications, Media Studies, Legal studies, Education, Natural Sciences & Humanities, Architecture, Agricultural Sciences and Pharmacy.

The University upholds the highest ethical values, integrity and professionalism as well as commitment to academic freedom, transparency and accountability. University also embraces and acts on responsibility to guarantee diversity and equity. It is our endeavor to impart education which enhances the personality of our students, giving them strength of character and intellect, which teaches them to be self-sufficient in this extremely competitive world. Our curriculum is therefore contemporary in nature and incorporates various innovative programs that open up novel avenues for our students' future.

At SRMU, the focus is on helping the students to emerge as educated and socially sensitive individuals who can make a positive change in society and for whom the nation will always come first. We provide our students with facilities to give them a world class educational experience.

SRMU takes pride in its excellent faculty, which is from leading central universities and premier institutes like IIT and IIM etc. Constant interface with industry stalwarts and

compassion at management leads to innovative pedagogy and revision of the syllabus, making the courses relevant and employment enhancing. University encourages shared decision making through a process that rests upon collaborative consultation, open flow of information, diverse involvement and collective deliberations of all stakeholders.

The University is committed to maintain academic excellence through quality education, extra-curricular activities and lifelong learning skills. Our vision at SRMU is not merely to impart information but to make learning a harmonious experience which helps our students to shine in each and every aspect of life. Here, education is cumulating highest ideals in the hope so that it can become a medium, through which we can serve our nation by developing a highly educated, informed, efficient and ethical pool of human resource.

Our aim is not only to simply educate, but also to inculcate values, honesty, integrity and a capacity for hard work. The deep-rooted spiritual tradition of our Indian culture is merged effortlessly with modern technology and teaching practices to create a value-based education system capable of transforming the students into professionals, who will become harbingers of social change.

The University is working towards common goals with other stakeholders in the university and the community through outreach programs while valuing teamwork, participation, and diversity of ideas and perspectives. At SRMU, our dream is to enable our students to realize their dreams and to send them forth to the world, as confident individuals pursuing their goals. With the motto of **Chase Reality...Dreams Will Follow....**, SRMU is set to create a benchmark in the education system

# Institute of Technology

## Faculty of Civil Engineering

### **1. Introduction about the department**

“Faculty of Civil Engineering” is a conglomeration of academicians, scientists, researchers, consultants and experts from the various fields of civil engineering that include Environmental Engineering, Structural Engineering, Transportation Engineering, Geotechnical Engineering and Water Resource Engineering. A student centric approach combined with research driven atmosphere are some ethics which make the department work towards innovation and consistent improvement. Regular conduction of seminars, workshops, site visits, trainings and various other value addition courses hold a relevant weightage in the working of the Faculty of Civil Engineering. The department offers courses like B. Tech in Civil Engineering, M. Tech in Environmental Engineering and Structural Engineering, M. Sc in Environmental Sciences and PhD in Environmental Engineering and Structural Engineering. The PhD scholars are engaged in active research work with publications in reputed journals.

The Faculty of Civil Engineering has well-equipped labs, well-structured semester wise curriculum supported by practical labs in all the core theory subjects. Syllabus is designed from practical and competitive point of view and to meet the demand of Industry. Research-oriented subjects are introduced for P.G. Students and access to online journals is available. The evaluation process is continuously monitored and is transparent, where all academic related activities are updated on ERP system. Moreover, the department has national and international collaborations with various organizations and is actively engaged in consultancy work for a variety of projects thereby promoting an innovation driven working methodology. Regular participation in conferences across the globe by the faculty members enhances the requisites of a research-oriented study environment with excellent laboratory availability for their assistance.

The achievement of students in co-curricular activities including cultural events, sports and technical events are noteworthy and acknowledgeable. The placement of students in various departments at national and international platforms with high percentage of students qualifying for GATE and other technical and non-technical exams forms a strong foundation of Faculty of Civil Engineering. FoCE is continuously involved in upgrading the teaching-learning process and environment by implementing innovative teaching learning methods, motivating faculty members and students to publish quality research work, and to develop working models/prototypes based on the technical skills acquired in the entire course span.

### **2. List of Programs as running in 2024-25**

- i) Bachelor of Technology (Civil Engineering)
- ii) M. Tech. (Structural Engineering)
- iii) M. Tech. (Environmental Engineering)
- iv) M. Sc. (Environmental Science)
- v) Integrated B. Tech. – M. Tech. (Structural Engineering)
- vi) Ph.D. (Structural Engineering)
- vii) Ph.D. (Environmental Engineering)

### **3. Outstanding performance of the students (Academic/curricular/and co-curricular)**

- i) Mayank Srivastwa, Abhishek Kumar Mishra and Himanshu Singh of B. Tech. 3<sup>rd</sup> year won 3<sup>rd</sup> prize in Structomania (Bridge Model making competition) organized at University Level in Anubhuti 2k25.
- ii) Krishna Yadav of B. Tech. 4<sup>th</sup> year has been promoted to Senior Under Officer rank in NCC and was also felicitated on 26<sup>th</sup> January 2025.
- iii) Baal Mukund Verma of M. Tech. (Structural Engineering) won third prize in International Conference on Sustainable Innovation: Bridging Research & Industry for a Resilient Future.

### **4. MoU Activities**

- i) A workshop on REVIT Architecture was organized by Faculty of Civil Engineering on 25<sup>th</sup> April, 2025 in collaboration with CADDESK (MoU) where 21 students participated.

- ii) A value added course on “2D & 3D Civil Drafting with use of AutoCad and Revit Architecture” was organized from 23<sup>rd</sup> September to 27<sup>th</sup> November, 2024 in collaboration with CADDESK (MoU).

**5. Organized extension camps/ community work /Webinars/ FDPs/ Workshops/ Conferences / Awareness programs/ field visit/ Educational trip**

- i) An international Seminar on Sustainable Project Management with respect to Water Resources was organized on 15<sup>th</sup> October, 2024.
- ii) A Workshop on Revit Architecture in collaboration with CADDESK was organized on 25<sup>th</sup> April, 2025.
- iii) An International Conference on Sustainable Innovation: Bridging Research & Industry for a Resilient Future was organized from 7<sup>th</sup> April-9<sup>th</sup> April, 2025.
- iv) An Industrial visit to “Snow Fountain Consultants, near Scorpio Club Lucknow was conducted on 21<sup>st</sup> October, 2024.
- v) An Industrial Visit to “Indira Canal Aqueduct” Lucknow was conducted on 26<sup>th</sup> March, 2025.
- vi) A Value Added Course on “2D & 3D Civil Drafting with use of AutoCad and Revit Architecture was organized from 23<sup>rd</sup> September-27<sup>th</sup> November, 2024.
- vii) A Guest Lecture on Environment Impact Assessment- importance and Job Opportunities by Dr. R. K. Srivastava, Professor, G B Pant University was organized on 24<sup>th</sup> February, 2025.
- viii) A Guest Lecture on “Our Power, Our Planet” by Prof. (Dr.) Abhishek Saxena and Prof. J. K. Varshney was organized on 22<sup>nd</sup> April, 2025.

**6. Achievements of faculty members**

**Research**

- i) Er. Anjali Singh was awarded with Best Poster Presentation award in International Conference on Environment and Sustainable Development- IESD, Banaras Hindu University.
- ii) Dr. Pragya Singh and Er. Saman Khan were awarded with First Prize in paper presentation in International Conference on Sustainable Innovation: Bridging Research & Industry for a Resilient Future.
- iii) Dr. Pragya Singh and Er. Rishabh Joshi were awarded with Research Contribution Award on 26<sup>th</sup> January, 2025.
- iv) Dr. Sandhya Maurya was awarded with Young Researcher Award on 15<sup>th</sup> August, 2025.

**Academic**

- i) Dr. Mohd Zain was awarded with Teaching Learning Innovation Award (Institute Level) on 26<sup>th</sup> January, 2025.

**Curricular**

- i) Prof. (Dr.) Abhishek Saxena was awarded with Lucknow Management Association Exemplary Achiever’s Award: Education by Lucknow Management Association on 23<sup>rd</sup> March, 2025.

**7. Patents**

| Patent Details   | Patent status | Patent Number | Date of Award             |
|--|---------------|---------------|---------------------------|
| Energy Efficient Terracotta Cooler with Solar Flap and Stand-up Device           | Granted       | 202024103685  | 23/07/2024                |
| A Solar Hinged Energy Efficient Terracotta Air Cooler System                     | Filed         | 202411049830  | Filed Date:<br>11/06/2024 |
| Cone Shaped Terracotta Pipe with holes and Grooves                               | Filed         | 202411045103  | Filed Date:<br>25/06/2024 |
| A frame of Solar Hinged Energy Efficient Terracotta Air Cooler Line up (SHEETAL) | Filed         | 202411048726  | Filed Date:<br>28/06/2024 |

**8. Books/ Book Chapter published**

6 book chapters have been published by Faculty of Civil Engineering in 2024-25.

## 9. Research Publications

- i) Anjali Singh, Akshar Tripathi, Rishabh Joshi, Spatio-Temporal Analysis and Quantification of Urban Growth Dynamics using Spatial Metrics and Relative Entropy, *Advances in Transdisciplinary Engineering* (2024).
- ii) Sandhya Maurya, Abhishek Saxena, Anjali Singh, Rishabh Joshi, Source Minerals for the Release of Salinity in the Groundwater: A Case Study of Pratapgarh District, Uttar Pradesh, India, *Journal of the Geological Society of India* (2024).
- iii) Sandhya Maurya, Abhishek Saxena, Anjali Singh, Hydrochemical Evaluation of Groundwater Quality and Human Health Risk Assessment of Fluoride and Nitrate: A case Study of Pratapgarh District, UP, India, *Water Air and Soil Pollution* (2025).
- iv) Neeti Mishra, Rajendra Kumar Srivastava, Rakesh Varma, Assessment of Strength Enhancement and Structural Performance in Fiber-Reinforced Concrete with varying Fiber types and Percentages, *Engineering Research Express* (2025).
- v) Sandhya Maurya, Abhishek Saxena, Pragya Singh, Preeti Pal, Anju Patel, Assessment of Heavy Metal Contamination and Associated Human Health Risk in Central Ganga Plain, India, *Environmental Quality Management* (2025).
- vi) Mohd Zain, Rishabh Joshi, Rajendra Kumar Srivastava, Suitability and Optimization of Retaining Wall Bridge Approach System, *The Indian Journal of Technical Education* (2024).
- vii) Rakesh Varma, Artificial Intelligence Based Fast DC Charging Control of Electric Vehicles in Standalone mode involving Multiple Renewable Energy Resources, *International Journal on Energy Conversion* (2024).
- viii) Sandhya Maurya, Valorization of Spent Mushroom Substrate (SMS) as a sustainable approach to remediation of xenobiotic compounds in groundwater - A comprehensive review, *Groundwater for Sustainable Development* (2024).
- ix) Sandhya Maurya, Innovative nanobubble technology: Fuelling the future of bioenergy and carbon mitigation, *Renewable and Sustainable Energy Reviews* (2024).

## 10. Honor/Award/ Recognition

| S. No. | Name of Faculty             | Name of Award   | Organization conferring Award  |
|--------|-----------------------------|---|--------------------------------|
| 1.     | Prof. (Dr.) Abhishek Saxena | Lucknow Management Association Exemplary Achiever's Award: Education  | Lucknow Management Association |
| 2.     | Er. Anjali Singh            | Best Poster Presentation award in International Conference on Environment and Sustainable Development- IESD-BHU                         | Banaras Hindu University       |
| 3.     | Dr. Mohd Zain               | Teaching Learning Innovation Award (Institute Level)  | SRMU                           |
| 4.     | Dr. Pragya Singh            | Research Contributor Award  | SRMU                           |
| 5.     | Er. Rishabh Joshi           | Research Contributor Award  | SRMU                           |
| 6.     | Dr. Pragya Singh            | Paper presentation First Prize- International Conference on Sustainable Innovation: Bridging Research & Industry for a Resilient Future | SRMU                           |
| 7.     | Er. Saman Khan              | Paper presentation First Prize- International Conference on Sustainable Innovation: Bridging Research & Industry for a Resilient Future | SRMU                           |
| 8.     | Dr. Sandhya Maurya          | Young Researcher Award (15 <sup>th</sup> August, 2024)  | SRMU                           |

## 11. Photographs



Prof. (Dr.) Abhishek Saxena was invited as an expert panelist in a workshop organized jointly by Jal Shakti Ministry and Agha Foundation in the Groundwater week-2024.



Dr. Mohd. Zain got First Prize at Institute Level in Teaching, Learning and Innovation Category on 26<sup>th</sup> January 2025



Dr. Pragma Singh and Er. Rishabh Joshi were awarded with 'Research Contributor Award' on 26<sup>th</sup> January, 2025



Er. Anjali Singh was awarded 'Best Poster Presentation' award in the International conference on Environment and Sustainable Development organized at IESD, BHU on 6<sup>th</sup> February 2025.



Prof. (Dr.) Abhishek Saxena was awarded LMA Exemplary Achiever's Award: Education by Lucknow Management Association in the Yearly Award Ceremony on 23<sup>rd</sup> March, 2025



Mr. Krishna Yadav received an award of honour on 26th January 2025 for his services in NCC and attaining the position of Senior Under Officer in NCC



Faculty of Civil Engineering was awarded 3<sup>rd</sup> position in the Models and Exhibition activity in the IKS exhibition organized on 27<sup>th</sup> November, 2024

## **Department of Computer Science & Engineering**

### **1. Introduction about the department**

The Department of Computer Science & Engineering at the Institute of Technology is a hub of innovation, fostering excellence in education and research. With a focus on thrust areas like Data Analytics, Software Engineering, and Machine Learning, the department is led by a team of 36 highly qualified faculty members, including 6 PhD holders and 28 M.Tech graduates. Offering diverse programs such as B.Tech, M.Tech, PhD, and integrated degrees, the department nurtures over 2,210 students. Equipped with state-of-the-art labs and a strong placement record, it prepares students for the dynamic tech industry through rigorous academics and industry-aligned initiatives.

### **2. List of Programs as running in 2024-25**

- B.Tech in Computer Science & Engineering
- B.Tech in CS (Cloud and Artificial Intelligence)
- B.Tech in CS (Data Science and Artificial Intelligence)
- B.Tech in CS (AIML)
- B.Tech in CS (Cyber Security)
- B.Tech in CS (Blockchain)
- Integrated B.Tech + M.Tech
- Integrated B.Tech + MBA
- Integrated B.Tech + M.Tech + MBA
- M.Tech in Computer Science
- PhD in Computer Science

### **3. Outstanding performance of the students (Academic/curricular/and co-curricular)**

- **Academic:** The department maintains a strong academic record, with ongoing efforts to improve pass percentages and encourage CGPA  $\geq 9$  achievements. Students are motivated to qualify for competitive exams like GATE and NET.
- **Curricular:** Students excelled in technical events, with 4 participating in TECHNEX24 at IIT BHU and 3 in Amiphoria 2025 at Amity University, Lucknow.
- **Co-curricular:** Aditya Kumar won a bronze in the 100m race and silvers in Kho Kho and 4x100m relay at national-level sports events. Saloni Devi received a certificate for outstanding language skills in a national cultural competition. 104 students participated in an open talk workshop on ATM Nirbhar Bharat, showcasing social engagement.

### **4. MoU Activities**

No specific Memorandum of Understanding (MoU) activities were recorded for 2024-25. However, the department is actively pursuing collaborations with institutions and industries to enhance research, internships, and student exchange programs, as outlined in future plans.

### **5. Organized extension camps/ community work /Webinars/ FDPs/ Workshops/ Conferences / Awareness programs/ field visit/ Educational trip**

#### **Workshops:**

- *Crack the Code: Placement Roadmap from Zero to Offer* (April 29, 2025, University Level, SRMU)
- *Networking with Ethical Hacking and Android Development* (March 26, 2025, University Level, SRMU)
- *Roles and Responsibility of an Associate Engineer* (April 5, 2025, University Level, SRMU)
- *Career Map on Automation* (March 8, 2025, University Level, SRMU).

#### **Webinars/Guest Lectures:**

- *Red Hat Open Shift Platform* (August 7, 2024, SRMU CSE Department)
- *Latest Trends in Algorithm* (December 4, 2024, SRMU CSE Department)

### Field Visits/Industrial Tours:

- Industrial Visit (April 30, 2025, SRMU CSE Department)
- Industrial Visit (April 24, 2025, SRMU CSE Department)

### Extension Activities:

Open Talkathon on ATM Nirbhar Bharat (104 students, coordinated by 2 teachers, ABCTA Awadh Prant).

#### 6. Achievements of faculty members

- **Research:** Faculty published 4 high-impact papers in journals like *Scientific Reports* and *BMC Medical Informatics* (Springer), with an average h-index of 10 by (Dr Mohd Nadeem) and significant citations.
- **Academic:** Four faculty members presented papers at national conferences, and two served as resource persons, enhancing the department's academic visibility.
- **Curricular:** Faculty organized skill-focused workshops and guest lectures, contributing to curriculum enrichment in AI, ML, and cybersecurity.
- **Co-curricular:** Faculty coordinated student participation in extension activities, mentoring 104 students in the ATM Nirbhar Bharat workshop and technical events like TECHNE24X.

#### 7. Patents

One patent published in Canada (Patent No. 1236901, March 2025), showcasing innovation in the department.

#### 8. Books/ Book Chapter published

One book/book chapter published by the Department of Computer Science & Engineering, contributing to academic resources in the field.

#### 9. Research Publications

- *Novel-59-layer dense inception network for robust network security* by Mohd Nadeem (*Scientific Reports*, 2025, h-index 10, 234 citations).
- *Selection of Data Quantum techniques using Fuzzy AHP TOPSIS* by Mohd Nadeem (*BMC Medical Informatics*, 2024, h-index 6, 234 citations).
- *Federated Learning for healthcare recommendation systems* by Dr. Anil Kumar Pandey (*JISEM*, 2025, 14 citations).
- *IoT-based devices for pediatric therapy* by Prof. Yusuf Perwej (*Journal of Pediatric Surgery*, 2025, h-index 27, 2179 citations)

#### 10. PhD Awarded

**Mr. Saumitra Shobhit:** Awarded PhD on May 8, 2025, for *Green Cloud Network Approaches for Environmental Sustainability* (Supervisor: Dr. Rajesh Kumar Sharma), published in 2024\* by Dr. Anil Kumar, et al.

#### 11. Photographs





- Students at TECHNEX24 event, IIT BHU
- ATM Nirbhar Bharat open talkathon,
- Guest lecture on Red Hat OpenShift Platform
- Industrial visit on April 30, 2025
- Faculty-led workshop on *Crack the Code*

## 12. Any Other Achievement/Highlight of the Department

- **Placement Success:** 66 students placed in reputed companies like HCL Tech (11), Expansion Js Technology (6), and Cognizant (1), with salaries ranging from 1.68 LPA to 7.2 LPA.
- **Research Growth:** 24 PhD scholars are actively pursuing research, with 4 completing coursework and 2 submitting theses in 2024-25.
- **Infrastructure Development:** Plans to upgrade labs with advanced hardware/software and establish a Centre of Excellence in AI, Data Science, or Cybersecurity within five years.

## Department of Computer Science and Information Systems

### 1. Introduction about the department

We at DCSIS offer a wealth of computing assets for coaching and studies. For solitary studies initiatives within the fields of dispensed computing, cell systems, networking, security, Computer architecture, and vision, the branch gives specialized equipment. Our college students get admission to assets that allows them accumulate the talents and knowledge required for fulfilment within the area of computing. Our well-advanced curriculum and absolutely adjustable credit score device offer our college students the liberty to choose anything publications they're inquisitive about even as additionally allowing them to advantage relevant statistics and skills. The branch gives Computer Applications on the undergraduate, postgraduate, and doctorate levels. Our applications intention to offer college students full-size know-how and talent within the unique fields in their choice, collectively with a sturdy basis within the primary thoughts of computer technology. The branch is a pacesetter in era in India due to the fact to its modern infrastructure and strong commercial partnerships. With over one thousand modern computer systems equipped with the most recent units and technologies, our instructors and college students are capable of perform progressive studies and modern initiatives in an extensive variety of computer technology and statistics systems-associated fields. In brief, with sturdy emphasis on studies, coaching, and network outreach, the Department of Computer Science & Information Systems is a preeminent agency within the area of computer application. Our college students' advantage from bendy publications and ample pc assets, in addition to educational individuals devoted to investigating that assist them advantage applicable know-how and skills. We are satisfied that our college students will dominate the CSIS enterprise within the destiny due to the fact of our determination to innovation and quality.

### 2. List of Programs running in 2024-25

- i) Bachelor of Computer Application
- ii) Bachelor of Computer Application (Data Science and Artificial Intelligence)
- iii) Bachelor of Computer Application (Data Science)
- iv) Bachelor of Computer Application (Artificial Intelligence)
- v) Bachelor of Computer Application (Cloud Computing)
- vi) Bachelor of Computer Application (Cyber Security)
- vii) Bachelor of Computer Application (Industry Integrated in collaboration with Sunstone)
- viii) Bachelor of Computer Application (FSD in collaboration with College Dekho)
- ix) Bachelor of Science (Information Technology)
- x) Bachelor of Science (Information Technology with Artificial Intelligence)
- xi) Bachelor of Science (Information Technology with Data Science)
- xii) Bachelor of Science (Information Technology with Cloud Computing)
- xiii) Bachelor of Science (Information Technology with Cyber Security)
- xiv) Masters of Computer Application
- xv) M.Tech (Data Science)
- xvi) Ph.D.

### 3. Outstanding performance of the students (Academic/curricular/and co-curricular)

| S. No. | Programme Name                  | Number of students appeared in the final year examination | Number of students passed in final semester/year examination | Pass Percentage | Number of students with outstanding performance (CGPA $\geq$ 9) |
|--------|---------------------------------|---|--|-----------------|---|
| 1      | BCA CS 3 <sup>rd</sup> year     | 08  | 07   | 87              | 0   |
| 2      | BCA CC 3 <sup>rd</sup> year     | 08  | 08   | 100             | 0   |
| 3      | BCA Normal 3 <sup>rd</sup> year | 269   | 249  | 92              | 06  |
| 4      | BCA DS 3 <sup>rd</sup> year     | 49  | 48   | 97              | 0   |

|    |                                     |    |    |     |   |
|----|-------------------------------------|----|----|-----|---|
| 5  | BCA AI 3 <sup>rd</sup> Year         | 24 | 23 | 96  | 0 |
| 6  | B.Sc IT Normal 3 <sup>rd</sup> year | 35 | 33 | 94  | 1 |
| 7  | B.Sc IT CC 3 <sup>rd</sup> year     | 02 | 02 | 100 | 0 |
| 8  | B.Sc IT CS 3 <sup>rd</sup> year     | 05 | 04 | 80  | 0 |
| 9  | B.Sc IT DS 3 <sup>rd</sup> year     | 15 | 15 | 100 | 0 |
| 10 | M.Tech                              | 01 | 01 | 100 | 1 |

**4. Organized extension camps/ community work /Webinars/ FDPs/ Workshops/ Conferences / Awareness programs/ field visit/ Educational trip**

| S. No. | Description   | Date             | Session | Activity      | Speaker  |
|--------|---|------------------|---------|---------------|--|
| 1.     | Alumni talk on “Artificial intelligence and future of work” | 20-1-25          | 2024-25 | Guest Lecture | Saurav Pandey, B Tech CSE pass out 2019-2023, Senior Associate Analyst, Innodata Ltd.(Work from home) <a href="mailto:saurabh858@gmail.com">saurabh858@gmail.com</a>   |
| 2.     | Awsar 3.0- Inspiring Innovation and learning                | 6-2-25 to 8-2-25 | 2024-25 | Workshop      | Prof. Harish Chandra Verma, Indian Physicist, AVBP (Prant Sangathan Mantri)  |
| 3.     | Ethical Aspect of Technology                                | 21-02-25         | 2024-25 | Seminar       | Ms. Runita Marwah, AI expert, Faculty at College of Banking and Financial Studies, Oman, Research Scholar, Shri Ramswaroop University, Lucknow, contact +96892324532, email <a href="mailto:idrunitas@gmail.com">idrunitas@gmail.com</a> |
| 4.     | Ethical Hacking   | 25-02-25         | 2024-25 | Guest Lecture | Shreyansh Pandey, Cyber Security Expert (Startup Advisor), email.id <a href="mailto:s@42peaks.co">s@42peaks.co</a> ,83 03533835  |
| 5.     | National Science Day  | 28-02-25         | 2024-25 | Guest Lecture | Dr.Anil Gaikwad ji, Sr. principal Scientist CSIS, CDRI Lucknow   |
| 6.     | Generative AI   | 5-3-25           | 2024-25 | Workshop      | Mr. Arif Riyazi, IBM – Artificial Intelligence Analyst <a href="mailto:arifreyazi.ibmce@gmail.com">arifreyazi.ibmce@gmail.com</a> , 8557070201   |
| 7.     | Python Data Science Generative AI                           | 5-03-25          | 2024-25 | Workshop      | Dr. Swati Agrawal, Director, Precursor Info. Solution Pvt. Ltd., <a href="mailto:precursorko@gmail.com">precursorko@gmail.com</a> ,99 84538899   |
| 8.     | Ethical Hacking   | 5-03-25          | 2024-25 | Seminar       | Shreyansh Pandey, Cyber Security Expert (Startup Advisor), email.id: <a href="mailto:s@42peaks.co">s@42peaks.co</a> , Contact:8303 533835  |
| 9.     | International Women`s Day                                   | 8-3-25           | 2024-25 | Guest Lecture | Dr.Bineet Kumar Gupta, Head of DCSIS ,SRMU barabanki , <a href="mailto:hod.csis@srmu.ac.in">hod.csis@srmu.ac.in</a> ,  |
| 10.    | Alumni talk on application”                                 | 16-4-25          | 2024-25 | Guest Lecture | Mr.Shivam Tiwari , Data Engineer, IBM Hyderabad, Email id: <a href="mailto:shivamtiwaribt@gmail.com">shivamtiwaribt@gmail.com</a> , Contact no.9628659411  |

|     |  |                    |         |               |   |
|-----|--|--------------------|---------|---------------|---|
| 11. | Women Safety and Security  | 21-4-25            | 2024-25 | Guest Lecture | Dr. Puja Thakur Sekera, Motivational Speaker, Philanthropist, Social Activist, Famous for Being the wife of IPS Officer Navniet Sekera<br>Contact No:9455272944   |
| 12. | Alumni talk on “Never Stop Learning: The importance of continuous education” | 30-11-24           | 2024-25 | Webinar       | Ikshvaku Dwivedi, Associate Consultant, The Silicon Partners, BCA passed out-201910101130010, Contact no.:7880999038  |
| 13. | Innovative Approaches to Develop Ideas                                       | 12-11-24           | 2024-25 | Guest Lecture | Shri Sandeep Shivhare, Registrar, BSIP Lucknow  |
| 14. | Let us learn Research  | 4-10-24            | 2024-25 | Webinar       | Prof. Dr. Amar Pal Singh Vice Chancellor of Dr.RML National Law University Lucknow ,<br>Prof. Dr. Sanjay Singh, Director of Giri Institute of Development studies Lucknow,<br>Prof. Dr. Ajith Abraham Vice Chancellor, Bennett University-Greater Noida |
| 15. | Alumni talk on ‘Overthrow challenges in life’                                | 21-9-24            | 2024-25 | Guest Lecture | Lt. Col. (Dr.) Praveen Kumar Singh, ADG – UIDAI, He has done his PhD. In CSE in the department FoCSE.   |
| 16. | Webinar on ‘Higher Education in Ireland’                                     | 20-9-24            | 2024-25 | Webinar       | Ms. Ishita Singh, Regional Advisor (South Asia), Technological University of Shannon  |
| 17. | Internal Smart India Hackathon   | 6-09-24 to 7-09-24 | 2024-25 | Workshop      | Professor Diwaker Yadav, IET AKTU, DCSIS, DCSE  |
| 18. | World Entrepreneurship Day   | 21-08-24           | 2024-25 | Seminar       | Shri Anshul Vidyarthiji, Prant Sangathan Matri ABVP   |
| 19. | Alumni talk on ‘Excellent towards competitive world’                         | 20-08-24           | 2024-25 | Guest Lecture | Mr. Sachin Verma, System Engineer, Tata Consultancy Services, Gurgoan, Bsc.IT, batch year 2018-21   |
| 20. | World Nature Conservation Day  | 27-07-24           | 2024-25 | Guest Lecture | Dr. Mridul Shukla, STO, NBRI Lucknow  |

5. Patents: 03
6. Books/ Book Chapter published: 02
7. Research Publications: 05
8. PhD awarded: 01

## Department of Electrical and Electronics Engineering

### 1. Introduction about the department

Established in 2012, the Department of Electrical & Electronics Engineering offers UG, PG, and Ph.D. programs in core and emerging areas like AI, Machine Learning, EVs, Renewable Energy, Drone Technology, and Microelectronics. Industry-linked programs with MG Motors, and EIT Melbourne focus on practical skills in E-Mobility, IoT, and Embedded Systems. Faculty members are highly qualified from IITs and NITs, with expertise in diverse specializations and active research contributions. The department features advanced labs for electrical systems, renewable energy, and automation, supported by cutting-edge tools like LabVIEW, Scilab, and PLC/SCADA for hands-on learning and industry readiness.

### 2. List of Programs as running in 2024-25

- a. B.Tech. (Electronics & Communication Engineering),
- b. M.Tech.(Reg.: Digital Communication),
- c. M.Tech.(PT.: Digital Communication),
- d. Ph.D in Metamaterial based Microwave Devices, Image Processing.
- e. B.Tech in Electrical Engineering.
- f. B.Tech in Electrical Engineering with Renewable energy Specialization.
- g. B.Tech in Electrical Engineering with EV Specialization.
- h. M.Tech (PEED Regular and Part-time)
- i. M.Tech (REEA Regular and Part-time)
- j. M.Tech (EV Specialization)
- k. Ph.D. in Electrical Engineering

### 3. Outstanding performance of the students (Academic/curricular/and co-curricular)

| S. No. | Name of Student                          | Academic/Co-curricular |
|--------|--|------------------------|
| 1.     | Atul Verma (B.Tech-EE)- CGPA 8.05        | Academic               |
| 2.     | Raunak Srivastava (B.Tech-EC)- CGPA 8.14 | Academic               |
| 3.     | Deepika (M.Tech-DC)- CGPA 8.49           | Academic               |
| 4.     | Anaya Raghuvanshi (B.Tech-EC)- NCC       | Co-curricular          |

### 4. Organized extension camps/ community work /Webinars/ FDPs/ Workshops/ Conferences / Awareness programs/ field visit/ Educational trip

#### a) Details of Webinar Organized by DEEE

| S. No. | Actual Date of Conduct | Topic   | Name of Speaker/Trainer (along with Designation & Organization)                            |
|--------|------------------------|---|--|
| 1      | 23-01-2025             | The Role of AI in Enhancing Production and Operational Efficiency         | International Expert ,EIT, Australia   |
| 2      | 16-01-2025             | National Startup Day Celebration  | Mr. Rajiv Chandravanshi, Founder & CEO, QUICE Marketing Pvt. Ltd.                          |
| 3      | 06-02-2025             | Data Communications: The Backbone of Modern Power Systems                 | International Expert, EIT, Australia   |
| 4      | 12-02-2025             | Power Quality Challenges in Power Systems with High Renewable Penetration | International Expert, EIT, Australia   |
| 5      | 28-02-2025             | Cryptography & Information Security                                       | Dr. N.R. KIDWAI, Professor in Department of Electrical & Electronics, Integral University. |
| 6      | 27-02-2025             | Power Generation on Renewable Energy                                      | Dr. Narendra Singh Rathore, Vice Chancellor, MPUAT, Udaipur, Rajasthan                     |

|    |            |  |   |
|----|------------|--|---|
| 7  | 25-02-2025 | Workshop on Design Thinking, Critical thinking and                     | Dr. Uttam Kumar, Professor, Jaipuria Institute of Management Studies  |
| 8  | 20-02-2025 | Achieving Problem-Solution Fit and Product-Market Fit                  | Dr. Neel Rai, Deputy Director, Management Cooperate Solutions, IILM University, Greater Noida.                        |
| 9  | 05-03-2025 | Discover the Future of Urban Living Through Sustainable Infrastructure | International Expert ,EIT, Australia  |
| 10 | 27-03-2025 | Net Zero 2070: Paving the way for the Energy Sector                    | Dr. Subhanarayan Sahoo Associate Professor, Faculty of Engineering and Technology (FEST), Adani University, Ahmedabad |
| 11 | 19-03-2025 | Session on “How to plan for Start- up and legal & Ethical              | Er. Krishna Mohan Pandey, Director LogicPro Infosystem Pvt. Ltd.  |

**b) Details of FDPs Organized by DEEE**

| S. No. | Title                                 | Duration             | Resource<br>Person/Organizers  |
|--------|---------------------------------------|----------------------|--|
| 1.     | FDP on “Hands on LabVIEW Programming” | 10-07-24 to 20-07-24 | Dr. Alkesh Agrawal, Dr. Mritunjay Rai, Er. Manju Bhardwaj, Er. Abhishek K Saxena, Er. Anand Prakash Pandey |

**c) Details of field visit Organized by DEEE**

| S. No. | Organization                                    | Date            |
|--------|---|-----------------|
| 1.     | NTPC (Thermal Power Plant), Unchahar, Raebareli | April, 26, 2025 |

**d) Details of Workshop Organized by DEEE**

| S. No. | Title   | Duration   |
|--------|---|--|
| 1.     | NATIONAL WORKSHOP- ROLE OF AI IN ACHIEVING THE SUSTAINABLE DEVELOPMENT GOALS (SDGs) | 05 <sup>th</sup> Nov- 16 <sup>th</sup> Nov. 2024 |

**5. Achievements of faculty members**

- The faculty members of DEEE has published 20+ research articles in indexed (WoS/Scopus) Journals, conference, edited books.
- 03 patents were published and 11 granted by DEEE.
- The faculty members constantly review the Journal papers of reputed indexed Journals and receive reviewer certificates.

**6. Patents**

**Granted:**

- Model Predictive Control System for Power Sharing in Hybrid Grid and its Methods Thereof Patent No: 550514; Date of Grant: 19 Sep 2024; Application Number: 202411002004. (The Patent Office Government of India)
- AI-Driven UAV Seeding System for Enhanced Atmospheric Visibility UK Patent Design No. 6422703, International Design Classification:Version: 15-2025 Class: 12 Means of Transport or Hoisting Subclass: 07 Aircraft and Space Vehicles
- Hybrid UAV with AI-Based Flight optimization of Fog clearance UK Patent Design No. 6422704,

- International Design Classification: Version: 15-2025 Class: 12 Means of Transport or Hoisting Subclass: 07 Aircraft and Space Vehicles
- iv) UV Ray Generator-Integrator UAV for Fog Dispersal UK Patent Design No. 6422705 International Design Classification: Version: 15-2025 Class: 12 Means of Transport or Hoisting Subclass: 07 Aircraft and Space Vehicles
  - v) Portable UAV-Mounted UV Ray Generator for Atmospheric Modifications UK Patent Design No. 6422706 International Design Classification: Version: 15-2025, Class: 12 Means of Transport or Hoisting, Subclass: 07 Aircraft and Space Vehicles.
  - vi) High Precision UV Ray Emission Apparatus for Drones UK Patent Design No. 6422707, International Design Classification: Version: 15-2025 Class: 12 Means of Transport or Hoisting Subclass: 07 Aircraft and Space Vehicles
  - vii) AI-Controlled UV Ray Distribution Apparatus for UAVs UK Patent Design No. 6422708 International Design Classification:Version: 15-2025, Class: 12 Means of Transport or Hoisting, Subclass: 07 Aircraft and Space Vehicles
  - viii) Autonomous Fog Identification and Tracking Apparatus for UAVs, UK Patent Design No. 6422709, International Design Classification: Version: 15-2025 Class: 12 Means of Transport or Hoisting Subclass: 07 Aircraft and Space Vehicles
  - ix) Multi-Spectral Imaging Device for Real-Time Fog Detection and Mapping UK Patent Design No. 6422710 International Design Classification:Version: 15-2025 Class: 14 Recording, Telecommunication or Data Processing Equipment Subclass: 01 Equipment for the Recording or Reproduction of Sounds or Pictures.
  - x) Multi-Purpose UAV for Meteorological Data Collection & Dispersal Operations UK Patent Design No. 6422711, International Design Classification: Version: 15-2025 Class: 12 Means of Transport or Hoisting Subclass: 07 Aircraft and Space Vehicles
  - xi) AI-Enabled UAV for Automated Fog Dispersal & Visibility Enhancement UK Patent Design No. 6422712 International Design Classification: Version: 15-2025 Class: 12 Means of Transport or Hoisting Subclass: 07 Aircraft and Space Vehicles.

**Published:**

- i) Microstrip Patch Antenna with Metamaterial Unit Cells Loaded Radiating Patches and Ground Structure for Its Applications. (Published), Patent Application No. 202511024894 A The Patent Office Journal No. 14/2025 Dated 04/04/2025
- ii) Robotic Wheelchair for physically disabled. (Published), Patent Application No. 202311011812 A, The Patent Office Journal No. 34/2024 Dated 23/08/2024.

**7. Book Chapter published**

- i) Neha Goel, Sandeep Bhatia, Sonia Verma, Jay Kumar Pandey, Mritunjay Rai, “Harness the Potential of Explainable Artificial Intelligence and ML Techniques in Solar Energy Forecasting”, Explainable Artificial Intelligence and Solar Energy Integration, IGI Global, 2025, DOI: 10.4018/979-8-3693-7822-9.ch011 (Scopus)
- ii) Mritunjay Rai, Brijesh Chandra, Padmesh Tripathi, and Nitendra Kumar, “Artificial intelligence and image enhancement based methodologies used for detection of tumor in MRIs of human brain”, Artificial Intelligence in Biomedical and Modern Healthcare Informatics, Elsevier, 2024, eBook ISBN: 9780443218712. (Scopus)
- iii) Vivek Veeraiah, Parth Sharma, Kumud Saxena, Niraj Kumar Sahu, Khushboo Sharma, Jay Kumar Pandey, Ravindra Kumar Yadav, Mritunjay Rai, “Brain tumor detection for recognizing critical brain damage in patients using computer vision”, Internet of Things enabled Machine Learning for Biomedical Application, CRC Press, 2024, eBook ISBN:9781003487647, DOI: 10.1201/9781003487647-9 (Scopus)
- iv) Sonia Arora, Mritunjay Rai, Manali Gupta “Importance of Industry 5.0 in Understanding Emotional intelligence”, Human-Machine Collaboration and Emotional Intelligence in Industry 5.0, IGI Global, 2024, DOI: 10.4018/979-8-3693-6806-0 ISBN13: 9798369368060. (Scopus)

- v) Shivani Singh, Mritunjay Rai, Jay Kumar Pandey, Abhishek Kumar Saxena, “Emotional Intelligence and Collaborative Dynamics in Industry 5.0 for Human- Machine Interactions”, Human-Machine Collaboration and Emotional Intelligence in Industry 5.0, IGI Global, 2024, DOI: 10.4018/979-8-3693-6806-0 ISBN13: 9798369368060. (Scopus).
- vi) Shivani Singh, Jay Kumar Pandey, Mritunjay Rai, Abhishek Kumar Saxena “Advancements in Facial Expression Recognition Using Machine and Deep Learning Techniques”, Machine and Deep Learning Techniques for Emotion Detection, IGI Global, 2024, DOI: 10.4018/979-8-3693-4143-8.ch007. (Scopus)
- vii) Vaibhav Prakash Vasani, Umesh Chandra, Gayatri Sahu, Srinivasulu Boyineni, S. Dhamodaran, Makhan Kumbhkar, Mritunjay Rai, Swati Gupta “Introduction to Emotion Detection and Predictive Psychology in the Age of Technology”, Using Machine Learning to Detect Emotions and Predict Human Psychology, IGI Global, 2024, DOI: 10.4018/979-8-3693-1910-9.ch001. (Scopus)

**Edited Book:**

- i) Book on “*Using Machine Learning to Detect Emotions and Predict Human Psychology*”, published by IGI Global, ISBN13: 9798369319109|EISBN13: 9798369319116, DOI: 10.4018/979-8-3693-1910-9, 2024. **(Scopus Indexed)**
- ii) Book on “*Using Machine and Deep Learning Techniques for Emotion Detection*”, published by IGI Global, ISBN13: 9798369341438|ISBN13 |EISBN13: 9798369341445, DOI: 10.4018/979-8-3693-4143-8, 2024. **(Scopus Indexed)**
- iii) Book on “*Mathematical Models Using Artificial Intelligence for Surveillance Systems*”, published by Wiley & Scrivener Publishing, Print ISBN:9781394200580 |Online ISBN:9781394200733 |DOI:10.1002/9781394200733, 2024. **(Scopus Indexed)**
- iv) Edited the MDPI Book entitled “Application of Intelligent Techniques in Power System Stability, Control and Protection”, October 2024, ISBN978-3-7258-2326-0 (Hardback), ISBN978-3-7258-2325-3 (PDF) **(WoS Indexed & Scopus Indexed)**.

**9. Research Publications**

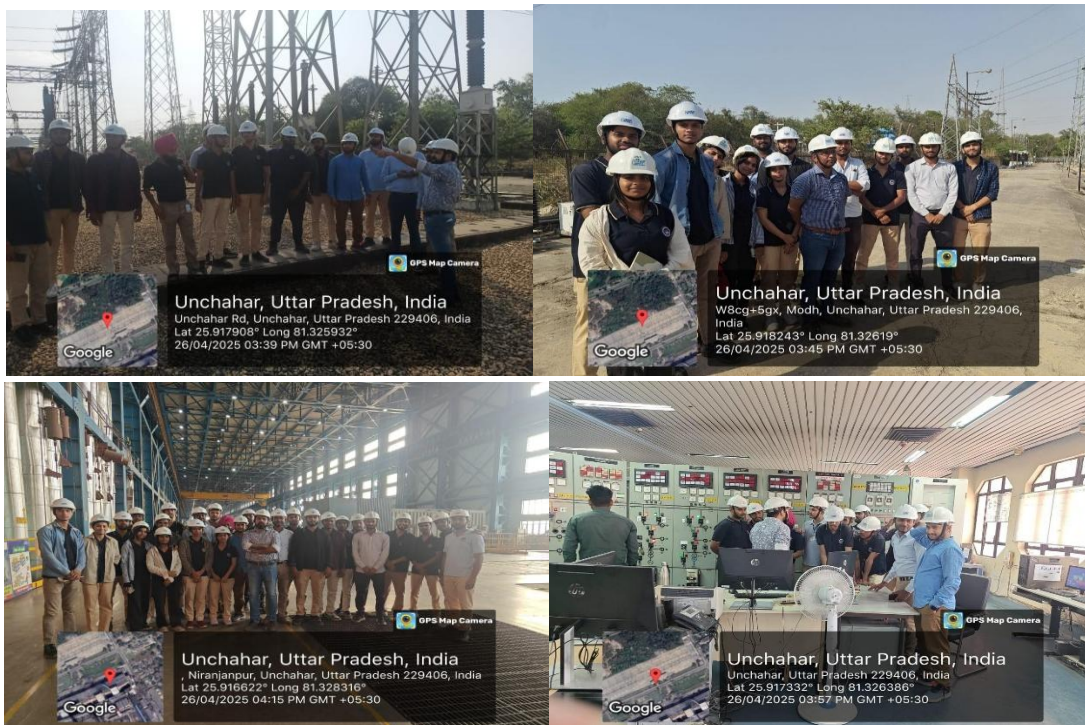
- i) R.S. Bajpai, Senior Member IEEE , Surya Prakash, Senior Member IEEE, Apoorva Srivastava, Member IEEE and Amarjeet Singh, Member IEEE, “ANN based fast charging control strategy for electric vehicles with intelligent battery thermal management using renewable energy resources,” IEEE Transactions on Transportation Electrification, Year 2025, DOI 10.1109/TTE.2025.3568189.
- ii) Rohit Kumar, Sudhansu Kumar Mishra, Amit Kumar Sahoo, Subrat Kumar Swain, Ram Sharan Bajpai, Aymen Flah., Mishari Metab Almalki, Habib Kraiem & Mohamed F. Elnaggar, “ Data driven prediction based reliability assessment of solar energy systems incorporating uncertainties for generation planning,” Scientific Reports, Article no 9335, Year 2025.
- iii) V. Srivastava, M. Srivastava, A. Kannaujia, A. K. Patel, R. K. Chauhan, and R. S. Bajpai, “Enhancing CsSn0.5Ge0.5I3 perovskite solar cell efficiency: role of Cl-doped SnO2 layer and absorber properties,” Journal of Optics (India), 2024, doi: 10.1007/s12596-024-02360- 5.
- iv) Vaibhava Srivastava, R.K. Chauhan, Amit Pandey, Vijay Laxmi Mishra, Chhavi Mitharwal, R.S. Bajpai, Mohit Srivastava, Gaurav Verma , Rohit Kumar, Sachin Singh, “Enhanced sensitivity of photodetectors with ZnSe as electron transport layer and Cz-Pyr as hole transport layer,” Journal of Physics and Chemistry of Solids, 203 (2025) 112712
- v) Utilization of Static Transfer Switch Operation for Feeder Reconfiguration by Using State Estimation Technique, Journal of Electrical Systems 20-10s(2024): 8451-8459
- vi) Singh, S., Mishra, S., & Singh, P. K. (2024). Environment Friendly EV Charger with Isolated HBC. SAMRIDDHI: A Journal of Physical Sciences, Engineering and Technology, 16(3), 125–128. <https://doi.org/10.18090/samriddhi.v16i03.07>
- vii) Shubham Mishra, Shikha Singh, “Performance Assessment of Bridgeless Zeta Converter and

Solar Energized Zeta Converter Based ACS”, Journal of Scientific Research, Vol.17 Issue 2, pg 507 – 518, 2025

- viii) Manju Bhardwaj, Shikha Singh, Sonali Kalkar, “Photovoltaic Thermal (PVT) Combined with Greenhouse Technology for Aquaculture”, SAMRIDDHI : A Journal of Physical Sciences, Engineering and Technology, Volume 16, Issue 3 (2024), Print ISSN: 2229-7111, Online ISSN: 2454-5767, <https://smsjournals.com/index.php/SAMRIDDHI/article/view/3264>
- ix) Anand Prakash Pandey, Manju Bhardwaj, Akash Jaiwal, Rohit Singh, Prashant Baredar, "VIVWPGEN (Vortex Induced Vibration Wind Power Generation): A Device to Harvest Wind Energy using Wind Blow Induced Vibration", Power system Technology, Volume 49, Issue 2 (April 2025).
- x) V.Sharma., L.K. Dwivedi, S. Singh., A. Uniyal, V. Srivastava, S.P Singh. Analytical Study on Effect of Perovskite Halides based Surface Plasmon Resonance Sensor for Detection of Sugar Content in Soft Drinks. Sens Imaging 26, 65 (2025). <https://doi.org/10.1007/s11220-025-00593-7>.

**Conference:**

- i) Shubham Mishra, Shikha Singh “Bridgeless CSC and Solar Powered ACS: A Comparative Analysis”, IEEE International Conference on Sustainable Power & Energy (ICSPE), Raigarh, India, 28-29, November 2024, PP( 1 – 6).
- ii) M.A Ramsamuzh, A. Kannaujiya, P. Lodhi, V. Srivastava, A. Kaur, Enhancing IoT Device Responsiveness with Dual Feedback Schmitt Trigger Optimization, in: 16th IEEE International Conference on Computational Intelligence and Communication Networks, 2024: <https://10.1109/CICN63059.2024.10847374>.
- iii) Dharmendra Prakash, Alkesh Agarwal, Saifullah Khalid, Dinesh Kumar Nisha, Vinay Kumar Singh, "Innovative Approaches to Fog Dispersal: The Emerging Role of Unmanned Aerial Vehicles," 2024 IEEE 11th Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON), Lucknow, India, Nov. 29 – Dec. 01, 2025. IEEE Conference Record No. 62832, Published in IEEE Xplore, pp. 1-6, May 12, 2025.
- iv) Khalid, S., Chakkaravarthy, M., Gupta, S. K., Prakash, D., Agrawal, A., & Nishad, D. K. (2025). A Conceptual Framework for Developing an AI-Powered UAV System for Effective Fog Management at Airports. SPAST Reports, Vol. 2(1), LGPR Conference, 2025. <https://spast.org/ojspath/article/view/5199>



# Faculty of Mechanical Engineering

## 1. Introduction of department

The inception of the Faculty of Mechanical Engineering dates back to the university's establishment in 2012. Renowned for its expansive infrastructure, this faculty stands as one of the largest within the university. The department's primary mission revolves around equipping students with the necessary skills for a diverse array of careers in the realm of mechanical engineering. The overarching goal is to nurture intellectually adept students into technically proficient engineers with a strong industry orientation. Distinguished by its state-of-the-art laboratories, the faculty excels in both pedagogical instruction and cutting-edge research pursuits. The department places particular emphasis on several focal areas, namely design, thermal engineering, production, industrial engineering, and the burgeoning field of electric vehicles.

## 2. List of Programs running in 2024-25

These are the following programmes which are running in the department- B.Tech, Integrated B.Tech+ M.Tech , Integrated B.Tech + MBA, M.Tech (R+P), PhD.

## 3. Outstanding performance of the students (Academic/curricular/and co-curricular)

Pass percentage of students in final year exam was outstanding, 7 students appeared in final year examination at UG level out of which all 7 had passed the exam with pass percentage of 100%.

## 4. Placement details

The campus placement of 05 students in various companies took place at an average package of 2.32 lakh.

## 5. MoU Activities

On the 17th of September, 2024, a Memorandum of Understanding (MoU) was established between the Health City Trauma Centre Super Specialty Hospital, Lucknow. The primary objectives of this MoU include raising awareness about mental health issues, promoting well-being, and equip students with practical tools to manage stress and anxiety effectively.

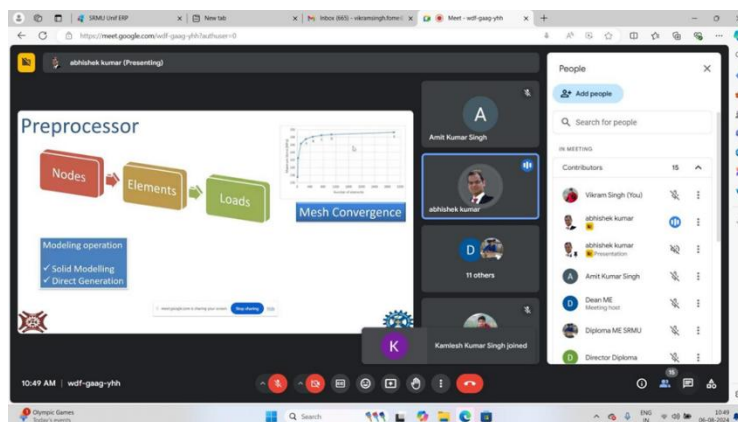
## 6. Organized any seminar/workshop/conferences

One workshop has been conducted by the department on 05-10 July 2024 by various faculty members under the coordination of dean FoME.

## 7. Achievements of faculty members (Research/Academic/ curricular/and co- curricular)

The faculty has presented and published six papers at the international level and published one patent.

## 8. Photographs



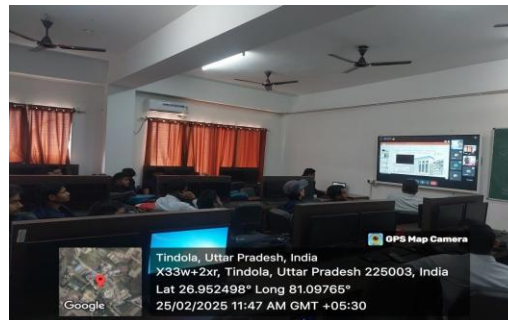
3D Modeling in Mechanical Engineering (workshop)



**Reflex Management at Home and When to Visit a HCP (Workshop)**



**Gobind Industries (Field visit)**



**Brain Injury and Helmets: A Mechanical Perspective on Investigation (Guest Lecture)**

# Institute of Management, Commerce & Economics

## Faculty of Management

The Institute of Management, Commerce & Economics consists of two faculties i.e. Faculty of Management and Faculty of Commerce & Economics. The Faculty of Management presently runs 5 programs i.e. MBA, MBA (Healthcare Management), MBA (Business Analytics), BBA, and BBA (Business Analytics), BBA (Digital Banking & Finance). The department has presently 32 full-time faculty members from the disciplines of Management. The courses related to other disciplines are taught by the faculties from other institutes and faculties. Most of the faculties have doctorate degrees or are NET qualified.

A total of 459 students were admitted in all the 3 programs during the academic session 2024-25. The admissions are as follows MBA I year 175, MBA (Healthcare) I year 11, MBA (BA) I year 33, BBA I year 161, BBA (BA) I year 79, and in MBA II year 167, MBA (Healthcare) II year 6, MBA (BA) II year 24, BBA II year 181, BBA (BA) II year 24, BBA (Aviation Hospitality) II Year 22, BBA (Digital Marketing & Fintech) II Year 42 and BBA III year 194, BBA(BA) III year 34, BBA(Digital Banking & Finance) 30. Total number of students was 1183. All the students of MBA, MBA (BA), BBA, BBA (BA) final year passed during the session 2024-25. Many students opted for the job and got placed with a salary package between 1.8 lakhs to 9.20 lakhs. Very few students have taken admission to PhD programs in reputed institutions and universities. Some students are preparing for competitive exams and higher studies.

During the academic session 2024-25, students participated and won awards and certificates in the various events like Certification in power of business intelligence, Certificate in personality development, Certificate in Srijan club competition, Certificate in prize committee, Certificate in Anubhuti, Certificate of internship from Olibr, certificate in Harmony etc. Students also participated in sports events like kho -kho and kabaddi and got the certificate.

The students of NSS wing of our institute also organized and participated in various activities and outreach programs organized by the university like Celebration of World Population Day, Celebration of Bhujal Saptah, Sarak Suraksha Pakhwara, International Youth Day, Sensitization Workshop on 'Health Promotion, Focusing Mental Health & Life Skills, Health Promotion Workshop and Doctor's Visit' for "Addressing Health Issues of Youth", Health Promotion Workshop and Doctor's Visit' for "Addressing Health Issues of Youth" Celebration of NSS Establishment Day, Doctor's Visit and Health Promotion, Celebration of 'Meri Mati Mera Desh: Kalash Yatra and Panchpran Pratigya', Celebration of Global Hand Washing Day, Celebration of Swachhata Hi Seva Hai: PS, Baghamau, One Day Outreach & VHSND Observation: Karuda, District-Barabanki etc. The students of NCC also organised and participated in the various activities like PRE-IGC TSC 2, CATC-214, IGC TSC Girls, Topics Covered-IGCTSC Boys, Tree Plantation, Pre TSC-I, Blood Donation, SNIC Camp, Road Safety Drive, Preparation for 15Aug, Republic Day Parade, Tiranga Cycle Rally, Pre-TSC2 at Bareilly and Meerut, National Sports Day, AITSC girls at New Delhi, Sashtra Sainya Samaroh, Swachhata Pakhwada Abhiyan, Army Attachment Camp, Youth Exchange Program at Jaisalmer, NCC DayNCC Dayat Lucknow Rally, etc.

During the present academic session, the department organized three faculty development programs, and one workshops on the topics: Research Methodology, "Advance Statistical Techniques in Research", Workshop on Financial Literacy for Youths. During the same period one national seminar on Universal human values in higher education: Character building through human values and the 8th Seminar on Budget "Impact of Union Budget 2024-25 on Business and Industry was organized. During this period 12 guest lectures were also organized in the department with industry and academia experts for the students.

In this session department co-organized International Conference on the topic 'International Conference on Sustainable Innovation: Bridging Research and Industry for a Resilient Future' on both online and offline mode. In addition to this the department organized Quality Improvement Program on 'Protocols of Academic Writings' with resource people of international repute. SAMVAD series i.e. talk series with people from industry and academia, helping students to reduce the gap between industry and academia.

During the present academic session faculties were continuously engaged in the research and publication process and got published 30 research papers in reputed national/international journals, 9 patents filed, 10 books/chapters published, 11 research papers published in conferences, 1 seminar/conference organized. Faculty members also attended the FDP's and workshop and also presented their research papers in the international and national conferences organized by reputed institutions. One faculty of the department won the Teaching & Learning Innovation award at SRMU, and one faculty won the research excellence award. The institute is always focused on continuous improvement in the teaching learning process and shaping the overall personality of the students admitted in the faculty through active participation in the various academic and extra-curricular activities.

## **Faculty of Commerce & Economics**

### **1. Introduction about the department**

The Faculty of Commerce and Economics (FoC&E) started in the year 2012 as a department of Institute of Management, Commerce and Economics (IMCE) of Shri Ramswaroop Memorial University. It offers most advance and practical knowledge through its undergraduate and postgraduate level programmes. The scientific pedagogy and industry vetted curriculum prepare the students for leadership roles in all functional areas of Commerce and Economics. A variety of teaching methods are deployed by the Faculty of Commerce & Economics, comprising lectures, role plays, case studies, group discussions, and seminars. The modern infrastructure offers a great study environment, and the faculty members are highly skilled. The department also arranges interactive seminars with well-known business leaders, which benefit students' general growth.

Our students acquire fundamental information about the subject matter and acquire all the skill sets required to carry out their duties in an efficient and effective manner through the programs we offer and our extracurricular activities. Students are exposed to the professional world through our multiple industry links and collaborations. Students can get appropriate placements with the help of a dedicated placement cell.

### **2. List of Programs running in 2024-25:**

At present the Faculty of Commerce and Economics (FoC&E) is running three programs in the department, i.e. **B. Com (Hons.), B. Com (NEP), BA (Economics) (Hons.)**

### **3. Outstanding performance of the students (Academic/curricular/and co-curricular):**

100% pass results in all the programs run by the Faculty of Commerce & Economics.

### **4. MoU Activities:**

3 MOUs are signed by the Institute of Management, Commerce & Economics during the academic session 2024-25. These MOUs are one with Techpal, second one with Lucknow Farmers Market and third one with Institute of Cost and Management Accountants

### **5. Organized extension camps/ community work /Webinars/ FDPs/ Workshops/ Conferences / Awareness programs/ field visit/ Educational trip:**

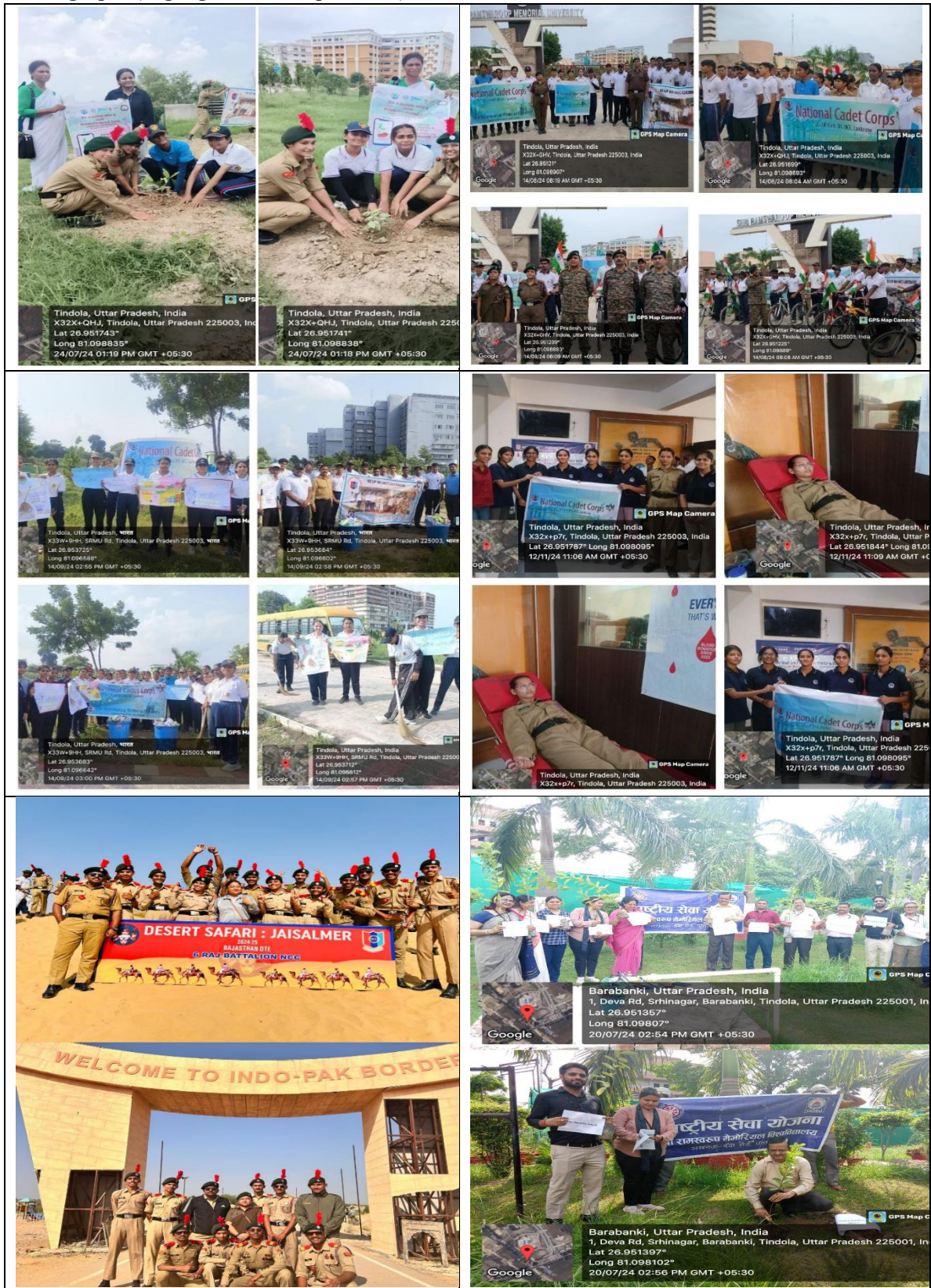
During the academic session 2024-25, Faculty of Commerce has been continuously engaged in organizing the various extension camps/ community work /Webinars/ FDPs/ Workshops/ Conferences / Awareness programs/ field visit/ Educational trips like Crafting Profile for Premium Placement and Higher Education, Life's Rollercoaster: Mastering Your Resilient Nature, Production and Operation Management, Motivational Leadership and Mentorship, Emerging Trends in Digital Marketing, Hospitality Management & Soft Skills, Designing a Landscape of Safety for women, 9th Seminar On Budget "Impact On Union Budget 2025-26 On Business And Industry. In addition the studenta also participated in other extension and outreach programmes like Ek Ped Maa Ke Naam Capaign, International Youth Day, Induction Programme by NSS Har Ghar Tiranga, Kakori Incident Documentary Show, Celebration of National Nutrition Month Panch Pran, Mairathan by NSS, LU, Red Run by NSS and UPSACS, Invited Lecture on Application of Statistics in Social Science Research'. Workshop on Ayushman Bharat Awareness with MPH, Academic Visit by MES's ACS College, Sonai Workshop on Digitisation of Health Services in Uttar Pradesh, Workshop on Ayushman Bharat Awareness with MPH.

### **6. Achievements of faculty members:**

The faculties have published 04 books, 22 research papers are published as book chapters and in journals and have participated in the curricular and co-curricular activities of the institute and university by regularly organizing the FDP's, QIP, Workshop, guest lecture etc.

### **7. Books/ Book Chapter published: 04 books /19 Book chapters.**

## 8. Photographs (Highlights of the department)



## 9. Any Other Achievement/Highlight of the department:

Faculty of Commerce and Economics has signed an MOU with ICMA and opened a Lucknow chapter in Shri Ramswaroop Memorial University, Barabanki.

# Institute of Natural Sciences and Humanities

## Faculty of Humanities and Social Sciences

### 1. Introduction about the department (brief write up in 100 words)

The Department of Humanities and Social Sciences is a versatile department with highly qualified and experienced faculty members. The department focuses on advancing top-notch learning and research wherein the academic staff is committed to helping students develop high-quality learning skills that will help them succeed in a variety of competitive exams, including those for the UPSC, PSC, UGC-NET, and JRF, among others. The department takes pride in organizing various guest lectures, training workshops, literary festivals, socio-economic development programs, and national-international conferences on issues related to global literature, culture, polity, personality development, and social thinking.

### 2. List of Programs as running in 2024-25

#### Undergraduate Programmes

| S. No. | Course                          | Duration |
|--------|---------------------------------|----------|
| 1.     | B.A. (Hons.) English            | 3 Years  |
| 2.     | B.A. (Hons.) Sociology          | 3 Years  |
| 3.     | B.A. (Hons.) Applied Psychology | 3 Years  |
| 4.     | B.A. (Hons.) Political Sciences | 3 Years  |
| 5.     | Bachelor of Social Work (BSW)   | 3 Years  |

#### Post Graduate Programmes

| S. No. | Course                         | Duration |
|--------|--------------------------------|----------|
| 1.     | M.A. (English)                 | 2 Years  |
| 2.     | M.A. Sociology                 | 2 Years  |
| 3.     | M.A. Psychology                | 2 Years  |
| 4.     | M.A. Political Sciences        | 2 Years  |
| 5.     | Masters of Social Work (MSW)   | 2 Years  |
| 6.     | Masters in Public Health (MPH) | 2 Years  |

In addition to the Post Graduate courses the Department offers Ph.D in all P.G. programmes.

### 3. MoU Activities-

- Signed MoU
- Signed MoU with RC-11 (Sociology of Environment) of the Indian Sociological Society

### 4. Organized extension camps/ community work /Webinars/ FDPs/ Workshops/ Conferences / Awareness programs/ field visit/ Educational trip

| S. No. | Type of Activity       | Name of the FDP/ Seminar/ Conference/ Workshop                | Date       | Faculty Coordinator  |
|--------|------------------------|---|------------|--|
| 1      | Workshop               | Youth adda on " Consent, healthy and unhealthy relationships" | 15/02/2025 | Dr. Shipra Shukla  |
| 2      | Awareness Programme    | Celebration of World Population Day: 11th July 2023           | 21-07-2024 | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav                               |
| 3      | Awareness Programme    | Celebration of Bhujal Saptah: 21st July 2023                  | 21-07-2024 | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav                               |
| 4      | Sensitization Workshop | 'Health Promotion Focusing Mental Health & Life Skills'       | 28-08-2024 | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav, Dr. Arun Kumar Singh and Dr. |

|    |   |   |            |  |
|----|---|---|------------|--|
|    |   |   |            | Shweta Shukla  |
| 5  | Sensitization Workshop                        | 'Health Promotion Focusing Mental Health & Life Skills'   | 29-08-2024 | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav, Dr. Arun Kumar Singh and Dr. Shweta Shukla |
| 6  | Invited Lecture for Health Promotion          | 'Epidemiology and Treatment of Osteoporosis in India'   | 2/9/2024   | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav   |
| 7  | Health Promotion Workshop and Doctor's Visit' | "Addressing Health Issues of Youth"   | 5/9/2024   | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav   |
| 8  | Sensitization Workshop                        | 'Health Promotion Focusing Mental Health & Life Skills'   | 9/9/2024   | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav, Dr. Arun Kumar Singh and Dr. Shweta Shukla |
| 9  | Sensitization Workshop                        | 'Health Promotion Focusing Mental Health & Life Skills'   | 12/9/2024  | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav, Dr. Arun Kumar Singh and Dr. Shweta Shukla |
| 10 | Career Counseling                             | Career Counseling by Vision IAS Academy   | 13-09-2024 | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav   |
| 11 | Doctor's Visit and Health Promotion           | "Addressing Health Issues of Youth"   | 21/9/2024  | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav   |
| 12 | Quiz on Youth Rights in India                 | Celebration of NSS Establishment Day: 24-09-2023  | 25/9/2024  | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav, Dr. Arun Kumar Singh                       |
| 13 | Doctor's Visit and Health Promotion           | Doctor's Visit and Health Promotion   | 30/9/2024  | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav   |
| 14 | Awareness Programme                           | Celebration of Global Hand Washing Day: 15th October 2023   | 15-10-2024 | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav   |
| 15 | Awareness Programme                           | Celebration of Swachhata Hi Seva Hai: PS, Baghamau  | 21-10-2024 | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav   |
| 16 | Health Camp and Awareness Programme           | Celebration of One Health Day: 03 November 2023   | 3/11/2024  | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav   |
| 17 | Health Camp and Awareness Programme           | Evening Health Camp and Awareness Programme: JP Nagar, Takrohi  | 20/11/2024 | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav, Dr. Arun Kumar Singh and Dr. Shweta Shukla |
| 18 | Health Camp and Awareness Programme           | Health Camp and Awareness Programme' on the occasion of World AIDS Day 2023: Kanshiram Colony, Lolai Village, Lucknow | 1/12/2024  | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav   |
| 19 | Health Camp and Awareness Programme           | Health Camp and Awareness Programme' on the occasion of Universal Health Coverage Day 2023: Shri Nagar                | 12/12/2024 | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav, Dr. Arun Kumar Singh and Dr. Shweta Shukla |
| 20 | Invited Lecture                               | 'Human Mobility and HIV' on the occasion of Celebration of International Migrants Day                                 | 18/12/2024 | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav   |
| 21 | Outreach Programme                            | Celebration of National Youth Day & One Day Outreach (Mobilization of Youth on 'Adolescent Health):                   | 12/1/2025  | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav, Dr. Arun Kumar Singh                       |

|    |   |  |           |  |
|----|---|--|-----------|--|
|    |   | RRSS Inter College, Barabanki                                    |           |  |
| 22 | Sensitization Workshop                        | 'Health Promotion Focusing Mental Health & Life Skills'          | 3/2/2025  | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav, Dr. Arun Kumar Singh and Dr. Shweta Shukla |
| 23 | Sensitization Workshop                        | 'Health Promotion Focusing Mental Health & Life Skills'          | 6/2/2025  | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav, Dr. Arun Kumar Singh and Dr. Shweta Shukla |
| 24 | Outreach Programme                            | One Day Outreach & VHSND Observation: Karuda, District-Barabanki | 10/2/2025 | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav, Dr. Arun Kumar Singh                       |
| 25 | Workshop                                      | Training of NSS Volunteers as Peer Educators                     | 13/2/2025 | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav   |
| 26 | Health Promotion Workshop and Doctor's Visit' | "Addressing Health Issues of Youth"                              | 14/2/2025 | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav   |
| 27 | Health Promotion Workshop and Doctor's Visit' | "Addressing Health Issues of Youth"                              | 16/2/2025 | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav   |
| 28 | Health Promotion Workshop and Doctor's Visit' | "Addressing Health Issues of Youth"                              | 20/2/2025 | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav   |
| 29 | Poster Competition                            | 'Youth for Change: Youth Sexual and Reproductive Health Rights'  | 23/2/2025 | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav, Dr. Arun Kumar Singh and Dr. Shweta Shukla |
| 30 | Invited Lecture                               | Cervical Cancer: Screening and Prevention'                       | 24/2/2025 | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav   |
| 31 | DMH Team Visit                                | Interaction with Students for Mental Health & Life Skills'       | 24/2/2025 | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav   |
| 32 | DMH Team Visit                                | Interaction with Students for Mental Health & Life Skills'       | 28/2/2025 | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav   |

### 5. Achievements of faculty members

1. Dr. Amarpal Singh, Associate Professor, Department of Sociology presented a paper titled "Trajectories of Environmental Conservation Studies: A Review of Research Papers Presented in All India Sociological Conference" in the 47th All India Sociological Conference, hosted by the Department of Sociology, University of Science and Technology Meghalaya, India.
2. Dr. Ram Pratap Yadav, Assistant Professor, Department of Political Science served as a Resource Person in Swayam Prabha Channel, sponsored by MHRD (India).
3. Dr. Amarpal Singh, Associate Professor, Department of Sociology served as a Resource Person in Swayam Prabha Channel, sponsored by MHRD (India).
4. Dr. Rashmi Saxena, Assistant Professor, Department of Psychology served as a Resource Person in Swayam Prabha Channel, sponsored by MHRD (India).
5. Dr. Anil Kumar, Assistant Professor, Department of Sociology delivered a guest lecture on "Nutrition" in the 'ToT on VHSNC Trainers' held at State Institute of Health and Family Welfare, Indira Nagar, Lucknow (Uttar Pradesh).
6. Dr. Anil Kumar-1, Assistant Professor (Sociology) and Coordinator, Public Health, Chaired a technical session and delivered an Invited Talk on "Science, Technology and Sustainable Development" in the ICSSR Sponsored National Seminar on 'Impact of Science and Technology on Society' organized by the Department of Sociology,

7. Dr. Anil Kumar-1, Assistant Professor (Sociology) and Coordinator, Public Health delivered a Lecture on “Empowering Children through Education in Rural India”, in the ‘State Level Volunteers Training’ for Community Learning Centre for Children organized by the Bharat Gyan Vigyan Samiti (BGVS), Lucknow, Samatvam Trust, Chennai and AIPSN, Bhopal at Parijat Hotel and Training Centre, Indira Nagar, Lucknow.
8. Dr. Anil Kumar-1, Assistant Professor (Sociology) and Coordinator, Public Health, delivered a Lecture on “Green Skill for Youth”, in the celebration of ‘International Youth Day: 12 August 2023’ at NIIT Computer Institute run by the Baba Ramkaran Das Gramin Vikas Samiti, Gorakhpur.
9. Dr. Anil Kumar-1, Assistant Professor (Sociology) and Coordinator, Public Health, Delivered a Lecture on “Qualitative Techniques of Data Collection”, Resource Person in the ‘One Day Research Methodology Workshop’ organized by the Dept. of Home Science, Netaji Subhashchandra Bose Govt. Girls PG College, in Aliganj, Lucknow.
10. Dr. Anil Kumar-1, Assistant Professor (Sociology) and Coordinator, Public Health, Presented a paper on “Effect of Climate Change on Menstruation” in the National Conference on Current Trends in Biological Sciences for Sustainable Agriculture, Environment and Health under Climate Change Organized by ISAB, CSAUAT, Kanpur & University of Lucknow.
11. Dr. Anil Kumar-1, Assistant Professor (Sociology) and Coordinator, Public Health, Participated in the two days National Seminar on “Urban 20 India: Emerging Perspective, Challenges and Way Forward” under the auspices of ICSSR, Govt. of India, organized by the RCUES, Lucknow.

**6. Books/ Book Chapter published and Research Publications**

| <b>PUBLICATION DETAILS 2024-25</b> |                                   |   |   |                            |
|------------------------------------|-----------------------------------|---|---|----------------------------|
| <b>S. No.</b>                      | <b>Name of the Faculty Member</b> | <b>Title of the Paper/ Book Chapter</b>   | <b>Journal/ Book</b>  | <b>Date of Publication</b> |
| 1.                                 | Dr. Shipra Shukla                 | COVID Vaccine: Social, Menstrual and Psychological aftermath  | Vacunas (SCOPUS)  | 31/08/2024                 |
| 2.                                 | Dr. Shipra Shukla                 | Does Digital Access to Financial Services improves Social Upliftment for Sustainable Future: An Empirical Approach in context to Social Welfare of Indian Economy | Samdarshi (UGC Care)  | 4/9/2024                   |
| 3.                                 | Dr. Shipra Shukla                 | Attitude Towards Menstrual Restrictions: An Exploration   | Journal of Chemical Health Risks (SCOPUS)   | 8/4/2025                   |
| 4.                                 | Dr. Rashmi Saxena                 | Positive Psychology   | Text book   | 2024                       |
| 5.                                 | Dr. Rashmi Saxena                 | Effectiveness of Cognitive Behaviour therapy in improving depression and quality of life among Older Adults: A randomised controlled trial                        | Anveshk   | 10.07.2024                 |
| 6.                                 | Dr. Manjari Kureel                | Psychological Perspective of Educational Psychology   | Philosophical, Psychological, and Sociological Perspective of Education (Text Book) | 26/04/2024                 |
| 7.                                 | Dr. Shweta Shukla                 | Gharelu Hinsa Ka Purushon Par Bhawnatmak, Mansik Awem Shaririik Prabhawon ka Ek Samajshastrya Adhyayan  | Amnayiki  | 2024                       |

|    |                   |   |   |    |
|----|-------------------|---|---|----|
| 8. | Dr. Shweta Shukla | Empowering Women Through Self-Help Groups: An Analysis of the National Rural Livelihood Mission's Strategy in India | Roman Science Publications and Distributions (Scopus) | 24 |
|----|-------------------|---|---|----|

7. Photographs (Highlights of the department)

**ने देखा अभिभाषण बाद प्रहारों**

**मोरियल इंट्रेस ने**

के बजट सत्र में मेमोरियल विज्ञान पहुंचे थे। के ताप यादव ने अध्यक्ष सतीश दनीय धन के पक्ष की। ज्यपाल के के प्रहारों का कभी विपक्ष के



नेता की त्वरित प्रतिक्रिया का आनंद देखते बना। मानविकी संकाय की डॉन प्रो. विजय सेठी ने स्टूडेंट्स को विधानसभा भ्रमण 'संस्मरण' लिखने के लिए प्रेरित किया। और सदन के कार्याधिकारी केपी सिंह और एसके गोपाल का आभार व्यक्त किया।

राजनीति विज्ञान प्रथम, द्वितीय, वर्ष के स्टूडेंट्स बने। भ्रमण में सिंह व छात्र प्र. सिंह, देवांशु र अंशुल यादव



## Faculty of Physical Sciences

### 1. Introduction about the department

The Faculty of Physical Sciences offers quality education through well-structured UG, PG, and PhD programs aimed at building strong scientific foundations. With experienced faculty and modern labs, we emphasize hands-on learning and research. Our focus on academic excellence and innovation equips students to excel in emerging scientific domains, preparing them to become future leaders and contributors to scientific progress.

### 2. List of Programs running in 2024-25

- a. B.Sc.
- b. B.Sc. (Hons.)
- c. M.Sc. in Physics
- d. Ph.D

### 3. Organized extension camps/ community work /Webinars/ FDPs/ Workshops/ Conferences / Awareness programs/ field visit/ Educational trip

- a) **Faculty Development Program:** The one-week online Faculty Development Program titled "Excellence in University Teaching and Research" took place from July 15 to July 20, 2024. It was jointly organized by the Faculty of Physical Sciences, Chemical Sciences, Mathematical and Statistical Sciences, and Humanities and Social Sciences under the aegis of the Institute of Natural Sciences and Humanities, focusing on enhancing teaching methodologies and fostering academic excellence.
- b) On August 23, 2024, FoPS celebrated National Space Day with a space quiz and keynote by Mr. Lalit Kumar Shukla, highlighting India's space journey and inspiring student participation, followed by concluding remarks and an interactive session.
- c) **Webinar:** The Faculty of Physical Sciences organized a webinar on "Deep Learning – Review" on November 8, 2024 under the Nobel Physics 2024 series, featuring Dr. R. G. Singh's insightful talk on the role of physics in deep learning.
- d) **Physics in Everyday Life – Exhibition in AWSAR:** At SRMU's annual fest, FoPS organized a 'Physics of Everyday Life' exhibition under Dr. R. G. Singh's mentorship, featuring student models on sustainability and physics concepts, with special appreciation from Padma Shri Prof. H. C. Verma and university leadership.
- e) **Webinar:** FoPS organized a webinar on March 7, 2025, featuring Dr. Praveen Kumar Singh (IIT Kanpur), who spoke on carbon nanostructures in anisotropic media and electro-optical applications, followed by an engaging interdisciplinary Q&A session with faculty and students.
- f) **International Conference on Sustainable Innovation:** FoPS actively participated in the International Conference on Sustainable Innovation (April 7–9, 2025) through faculty presentations, student posters, and interdisciplinary engagement, reflecting its strong commitment to research, innovation, and global academic collaboration.
- g) **Webinar:** FoPS hosted a webinar on Gravitational Waves on April 30, 2025, featuring Dr. Vipin Kumar Sharma (IIA, Bangalore). The session, convened by Mr. Lalit Kumar Shukla, engaged students and faculty in exploring advanced astrophysical concepts.

### 4. Books/ Book Chapter published

- a) Dr. Mukesh Mishra has co-authored a book chapter titled 'Managing Big Data Integrity for IoT Healthcare Information Systems' in the book Computational Intelligence Applications in Cyber Security. Published by CRC Press (Taylor and Francis Group).
- b) Dr. Gulab Singh Maurya has co-authored a book chapter titled "Application of LIBS in Nuclear Technology" in Laser-Induced Breakdown Spectroscopy in Biological, Forensic and Materials Sciences (2nd Ed.), Springer Nature (2025).
- c) Dr. Gulab Singh Maurya has co-authored a book chapter titled "Biohydrogen Purification and Storage: The Way Forward for a Clean and Secure Future" in Biohydrogen: A Green Future Fuel – Trends and Techniques, Elite Publishing House (2025).
- d) Dr. Gulab Singh Maurya has co-authored a book chapter titled "Biohydrogen: A Multifarious Future Fuel

for Transport and Industries" in Biohydrogen: A Green Future Fuel – Trends and Techniques, Elite Publishing House (2025).

### 5. Research Publications

| Title of Research Paper   | Authors   | Journal  | Year          |
|---|---|--|---------------|
| Estimation of the global solar radiation in eastern Upland region of Taplejung Nepal, using RadEst3.0 software                        | Basanta Rajbanshi, R G Singh, K katiwada, A Thapa, B Kharel and Bed Raj KC  | Journal of information system engineering and management | 2025          |
| Comparative analysis of empirical models for estimating global solar radiation in Biratnagar Nepal: A case study using RadEst3.0      | Basanta Rajbanshi, R G Singh, K katiwada, A Thapa, and Bed Raj KC   | Nanotechnology perception                                | December 2024 |
| PAni-Bi <sub>2</sub> O <sub>3</sub> Composites for Improved Humidity Sensing: Impedance Behavior and Performance Assessment           | Divyanshi Srivastava & Rajesh Kumar Shukla  | Journal of Electronic Materials                          | January 2025  |
| Wakefield generation via propagation of two-color asymmetric laser pulses in plasma   | Saumya Singh, Dinkar Mishra, Nirmal Kumar Verma, Bhupesh Kumar and Pallavi Jha  | Physica Scripta  | December 2024 |
| Analytical Study on Effect of Perovskite Halides based Surface Plasmon Resonance Sensor for Detection of Sugar Content in Soft Drinks | Vipin Sharma, Lalit Kumar Dwivedi, Sachin Singh, Arun Uniyal, Vaibhav Srivastava, Sunil P. Singh  | Sensing and Imaging                                      | May 2025      |
| Enhanced sensitivity of photodetectors with ZnSe as electron transport layer and Cz-Pyr as hole transport layer                       | Vaibhava Srivastava, R.K. Chauhan, Amit Pandey, Vijay Laxmi Mishra, Chhavi Mitharwal, R. S. Bajpai, Mohit Srivastava, Gaurav Verma, Rohit Kumar, Sachin Singh | Journal of Physics and Chemistry of Solids               | August 2025   |

### 6. Honor/Award/ Recognition

- a. Lalit Kumar Shukla received Teaching Learning Innovation Award (3<sup>rd</sup> Position at University Level) for Session 2023-24 on 26<sup>th</sup> Jan 2025.

### 7. Photographs



National Space Day Celebration



Padam Shri Prof. H. C. Verma visiting Physics of Everyday Life – Exhibition by FoPS



Lalit Kr. Shukla of FoPS receiving Teaching Learning Innovation Award on 26<sup>th</sup> Jan 2025



Glimpses of FoPS parallel session in International Conference on Sustainable Innovation

## Faculty of Chemical Sciences

### 1. Introduction about the department

Faculty of Chemical Sciences came into existence in 2012 under Institute of Natural Science and Humanities with the establishment of university itself. The department primarily offers three courses:

- (1) B.Sc. (H) -Chemistry
- (2) M.Sc.-Chemistry and
- (3) Ph. D

The Chemistry department has two labs in addition to the well-structured classrooms for each course. The department is headed by Prof. (Dr.) Krishna Srivastava and has been fortunate in having well-qualified and efficient faculty members with everyone possessing doctorate degree from the institutions and laboratories of national and international repute along with research publications of high impact to their credit. B.Sc. (H), M.Sc. and PhD. courses are running successfully in the department.

### 2. List of Programs as running in 2024-25

- (1) B.Sc. (H) -Chemistry
- (2) M.Sc.-Chemistry and
- (3) Ph.D

### 3. Outstanding performance of the students (Academic/curricular/and co-curricular)

Toppers list for Even Semester Academic Session 2024-2025:

| Class          | Semester            | Student Name   | CGPA |
|----------------|---------------------|----------------|------|
| B. Sc. (Hons.) | 2 <sup>nd</sup> Sem | Shiksha Tiwari | 8.35 |
| B. Sc. (Hons.) | 4 <sup>th</sup> Sem | Shriya Mishra  | 7.09 |
| B. Sc. (Hons.) | 6 <sup>th</sup> Sem | Pragya Verma   | 8.80 |

### 4. Organized extension camps/ community work /Webinars/ FDPs/ Workshops/ Conferences / Awareness programs/ field visit/ Educational trip

An International Conference on “Sustainable Innovation: Bridging Research and Industry for a Resilient Future” was organized by collective effort from Science, Technology, Engineering, Arts, and Mathematics (STEAM) with fashion and sustainability during 7 -9 April, 2025 which was further supported by The Synthetic & Art Silk Mills' Research Association (SASMIRA), Sasmira's Institute of Design and Textiles, Bombay Textile Research Association (BTRA) and National Institute of Fashion Technology (NIFT), Mumbai. The conference was enriched by our eminent speakers from different parts of the country as well as abroad. The major objective of the conference was to Uniting academics, designers, technologists, policymakers, and industry leaders. The conference will encourage meaningful discussions, showcase groundbreaking research, and promote innovative solutions that contribute to a more sustainable and responsible ecosystem. By harnessing STEAM disciplines, the event will emphasize the importance of interdisciplinary approaches in redefining the future of fashion, technology, natural and social sciences, biotechnology, agriculture, media, law, management, commerce and economics. Huge number of faculty members participated in the webinar and were given certificates.

The aim of the conference was to make aware students, research scholars and young faculty members about Intellectual properties like copyrights, filing patents and their importance and contribution towards the development of our Nation. Participants were also made aware of the different government schemes and projects available to boost their research work.\

### Guest Lecture

- i) A guest lecture was organized on the topic "**Periodic Properties: General Trends & Concepts**" by **Dr. Abhinav Srivastava**, Associate Professor, Lucknow Christian College, Lucknow on 24<sup>th</sup> August 2024.
- ii) A guest lecture was organized on the topic "**Characterization of Molecules via Spectroscopy**" by **Prof. (Dr.) Bajrang Bali Lal Srivastava**, Professor, Department of Chemistry, the University of Dodoma, Dodoma, Tanzania on 27<sup>th</sup> February 2025.
- iii) A guest lecture was organized on the topic "**Organometallic Chemistry**" by **Dr. Braj Kishore Rathoure**, Department of Chemistry, F.A.A. Government Post Graduate College, Sitapur, Uttar Pradesh on 6<sup>th</sup> March 2025.
- iv) A guest lecture was organized on "**Chemistry of Molecules Hydrocarbons**" by **Dr. Vidya Singh (M. P. Government P.G. College, Hardoi (UP))** on 22-04-2025 at 11:00 A.M. in B1-207.

### FDP Organized

The One Week Online Faculty Development Program title "Excellence in University Teaching and Research" was scheduled from 15<sup>th</sup> July to 20<sup>th</sup> July 2024. The programme was jointly organized by the FoPS, FoCS, FoMSS and FoHSS under the aegis of Institute of Natural Sciences and Humanities (INSH). The Programme was specially designed to provide excellence in university teaching and research.

### 5. Achievements of Faculty members

#### Research

| Title of the paper   | Name of the author  | Title of the journal                          | Year of publication | Institutional affiliation  |
|--|---|---|---------------------|--|
| Kinetic Quantification of S-Carboxymethyl-L-Cysteine Using Mercury (II) Catalyzed Ligand Exchange Reaction | Abhishek Srivastava, Neetu Srivastava, Kanchan Lata Singh, Ruchi Singh, <b>Krishna Srivastava</b> | Pharmaceutical Chemistry Journal              | 2024                | Faculty of Chemical Sciences, Shri Ramswaroop Memorial University Lucknow-Dewa Road, Barabanki 225 003, Uttar Pradesh, India |
| Green synthesis of zinc oxide nanoparticles using plant extract for catalysis applications                 | <b>Dr. Sreenivasulu Peta</b> and <b>Dr. Sadhana Singh</b>   | Nanoscale Journal, Royal Society of Chemistry | 2024                | Faculty of Chemical Sciences, Shri Ramswaroop Memorial University Lucknow-Dewa Road, Barabanki 225 003, Uttar Pradesh, India |

#### Academics

- i) **Prof. (Dr.) Krishna Srivastava**, served as resource person and enriched the course by online lecture on the following topics: Minerals in Food, Chemical changes during processing of tea, coffee and cocoa & Food Vitamins.
- ii) **Dr. Pragati Tripathi** served as resource person on 16<sup>th</sup> July in the FDP July, 2024 and delivered a lecture on "**Food Preservatives**".
- iii) **Dr. Ram Prakash Tiwari** served as resource person on 18<sup>th</sup> July in the FDP July, 2024 and delivered a lecture on "**Copyrights**".
- iv) **Dr. Sreenivasulu Peta** served as resource person on 20<sup>th</sup> July in the FDP July, 2024 and delivered a lecture on "**Chemistry and You**".
- v) **Dr. Sreenivasulu Peta**, served as resource person and enriched the course by online lecture on "**Beverages**".
- vi) **Dr. Sadhana Singh** served as resource person and enriched the course by online lecture on "**Food Enzymes**".
- vii) **Dr. Ram Prakash Tiwari** on "Classification, composition and preservation and Preservation of dairy products".
- viii) **Dr. Dolly Kumari** served as **Course coordinator** of "**Lab based certificate course on Food Chemistry**" and

also as resource person and enriched the course by online lecture on the following topics: Food Lipids, Food Carbohydrates, Minerals in Food and Food Additives.

ix) **Dr. Pragati Tripathi** served as resource person and enriched the course by online lecture on the following topics: Food Proteins Food Preservatives

x) **Dr. Shailesh Kumar Mishra** has served as Organizing Committee Member in “Lab based certificate course on “Food Chemistry” organized by FoCH, SRMU, Lucknow, from 11<sup>th</sup> to 30<sup>th</sup> July, 2024.

xi) **Dr. Ram Prakash Tiwari** has awarded “**Young Researcher Award 2024**” on 15<sup>th</sup> August 2024 from INSH, SRMU.

xii) **Dr. Ram Prakash Tiwari** has achieved the following copyrights from Government of India:

- i. Durga Ma concept of aromaticity with *Reg. no. L-150884/2024*.
- ii. Durga Ma concept of mesomeric effect with *Reg. no. L-153242/2024*.
- iii. Durga Ma hard acid base related to *trans* effect with *Reg. no. L-151726/2024*

xiii) **Dr. Dolly Kumari** has participated in one week Faculty Development Programme entitled “Advanced Teaching Learning Pedagogies and Strategies” organized by IER and IQAC, SRMU on 22<sup>nd</sup> to 27<sup>th</sup> July, 2024.

xiv) **Dr. Dolly Kumari** presented the following papers in International conferences:

- i. “Biohydrogen production: A critical literature survey on methods and factors affecting”. **Oral presentation** in International Conference on “**Sustainable Innovation: Bridging Research & Industry for a Resilient Future (SI.BRIRF)**” jointly organized by SRMU, Barabanki and International Fasion Business Exchange Council (IFBEC), Mumbai held at Shri Ramswaroop Memorial University, Lucknow-Deva Road, Barabanki on 7<sup>th</sup> to 9<sup>th</sup> April **2025**.
- ii. “Production of value added products from microwave assisted dairy wastewater pretreatment of rice straw.” **Oral presentation** in 4<sup>th</sup> International Conference on “**Recent Trends in Environment & Sustainable Development (RTESD-2025)**” organized by Vivekananda Global University, Sector 36, NRI Road, Jagatpura, Jaipur on 27<sup>th</sup> – 29<sup>th</sup> January **2025**.

xv) It is a matter of immense pleasure that **Dr. Sreenivasulu Peta** has appointed as Editorial Board Member of the prestigious journal “**American Journal of Chemical Engineering**” for the tenure of three years from 8 th November 2024 to 8 th November 2027. He has also served as reviewer for Journal of Porous Materials , Springer Nature.

xvi) **Dr. Shailesh Kumar Mishra** has given an oral presentation on the paper entitled “**Quality assessment of ground water near sugar mill, Tulsipur**” in International conference on multidisciplinary research and innovation jointly organized by Khun Khun Ji Girls PG College, Lucknow and Aryabhat Institute of Academics and Research, from 29th to 30th December, 2024.

xvii) **Dr. Ram Prakash Tiwari** has achieved the following copyrights from Government of India: 1. Pani with **Reg. no. L-159222/2025**.

xviii) **Dr. Dolly Kumari** has served as reviewer for the following research articles:

- i. “Higher anaerobic digester performance by the strategical increase in the feeding rate of cow manure in laboratory continuous steered tank reactor.” PLOSE ONE, June, 2025.
- ii. “Current status and prospects for the development of renewable energy sources in the agricultural sector in Poland.” Agronomy (MDPI), May, 2025.
- iii. “Hydrotalcite as a promising adsorbent for hemicellulose hydrol-2 ysate detoxification in xylitol production.” Sustainability (MDPI), April, 2025.
- iv. “Advances in Hydrothermal Carbonization for Biomass Wastewater Valorization: Optimizing Nitrogen and Phosphorus Nutrient Management to Enhance Agricultural and Ecological Outcomes.” Water (MDPI), February, 2025.
- v. “Valorisation of Red Mud: Disclosing the Potential of an Abundant Residue.” Sustainability (MDPI), January, 2025.
- vi. “Multi-Product Biorefineries for Biomass Conversion to Biofuels and Value-Added Products: Recent Developments, Advancements and Future Perspective.” Academia Green Energy, Academia.edu, January, 2025.
- vii. “Assessing Dielectric, Thermal, and Chemical Properties of Recycled PE and Recycled (PE-PP) Blended

with Virgin HDPE.” Sustainability (MDPI), January, 2025.

viii. “Research on hydroponic cultivation substrates made from rice Straw.” Sustainability (MDPI), December, 2024.

**xix) Dr. Pragati Tripathi** has completed the NEP 2020 Orientation & Sensitization Programme under Malaviya Mission Teacher Training Programme (MM -TTP) of University Grants Commission (UGC) Organized by UGC - MMTTC, Maulana Azad National Urdu University, Hyderabad from 16th to 26th December, 2024.

**xx) Dr. Shailesh Kumar Mishra** has published a book chapter entitled “**Assessment of the Ground Water Quality near Mill Tulsipur, Balrampur (U.P.)**”, in an edited book (ISBN: 978-93-95463-34-8).

**xxi) Dr. Pragati Tripathi and Dolly Kumari** have published a book chapter “Biohydrogen: A Multifarious Future Fuel for Transport and Industries” in an edited book “Biohydrogen A Green Future Fuel: Trends and Techniques”, Elite Publishing House, New Delhi, edited by Dr. Ravi Kant Bhatia and Dr. Dolly Kumari.

**xxii) Prof. Krishna Srivastava** has delivered the following online lectures in Fakharuddin Ali Ahmad Government PG College, Mahmudabad, Sitapur, Uttar Pradesh, India:

- i. “**Characterization of Organic Compounds using Spectroscopy as a tool**” on 8th March 2025.
- ii. “**Heterocyclic Compounds**” on 27th March 2025.

**xxiii) Dr. Sreenivasulu Peta** is appointed as an editorial board member of the prestigious international journal “**Scientific Reports**” a Journal of Nature Portfolio. This shows his expertise in the subject and research. He also completed the welcome course of Editorial Board Members on 4th February 2025.

**xxiv) Dr. Shailesh Kumar Mishra** has Successfully completed online “**GURU-DAKSHATA**” Faculty Induction Programme (FIP) under MM-TTP of University Grants Commission organized by “MM-TTC: Ramanujan College, Delhi” from 26th December 2024 to 14th January 2025. 18

**xxv) Dr. Dolly Kumari** has appointed as an Editorial Board Member of the prestigious international journal “**Scientific Reports**” a Journal of Nature Portfolio. This shows her expertise in the subject and research. She has also served as reviewer for 4 research papers of **Sustainability, Water and Fermentation Journals** of MDPI from January to March, 2025.

**xxvi) Prof. Krishna Srivastava** has delivered the following online lectures in The United Republic of Tanzania, The University of Dodoma :

- i. “**Green Chemistry**” on 27th January 2025.
- ii. “**Organic Spectroscopy**” on 28th January 2025.

## 6. Patents: 01

- i) **Prof. (Dr.) Krishna Srivastava** has granted a patent entitled “A-1-(2-(5-(4-Chlorophenyl)-3- phenyl-4,5-dihydroxypyrozol-1-yl)-2-methyl-4- oxo-tetrahydrothiophen-3-ylamino)-04- methylbenzo[H]quinolin-2-(1H)-One composition and its synthesizing process” on 23<sup>rd</sup> September, 2024.

## 7. Books/ Book Chapter published

### a) Book:

**Dolly Kumari** (Eds.) 2025. *Biohydrogen: A Green Future Fuel - Trends and Techniques*. Elite Publishing House, H-1/60, Sector - 16, Rohini, New Delhi - 110089 ISBN: 978-93-5899-312-7.

### b) Book Chapters:

- i) **Dolly Kumari** and Gulab Singhj Maurya, 2025. Biohydrogen Purification and Storage: The Way Forward for a Clean and Secure Future. In: Ravi Kant Bhatia and Dolly Kumari (ed.) Biohydrogen: A Green Future Fuel - Trends and Techniques. Elite Publishing House, H-1/60, Sector - 16, Rohini, New Delhi - 110089 ISBN: 978-93-5899-312-7.
- ii) **Pragati Tripathi, Dolly Kumari, Pooja Chahar, Sumit Kumar Bansal and Gulab Singh Maurya**, 2025. Biohydrogen: A Multifarious Future fuel for Transport and Industries. In: Ravi Kant Bhatia and Dolly Kumari (ed.) Biohydrogen: A Green Future Fuel - Trends and Techniques. Elite Publishing House, H-1/60, Sector - 16, Rohini, New Delhi - 110089 ISBN: 978-93-5899-312-7.

- iii) Yogita Jain, Madhuri Dubey, Gunjan and **Dolly Kumari**, 2024. Production of Activated Carbon from Banana. In: Ho SM, Heri SK, and Sharma YC (ed.) Recent Advances in Activated Carbon: Synthesis, Properties, and Applications, CRC Press, Taylor & Francis Group, Boca Raton, chapter 16, pp. 210-225 (26 Dec 2024). ISBN: 978-1-003-48860-6.
- iv) **Dr. Shailesh Kumar Mishra** has published a book chapter entitled “Assessment of the Ground Water Quality near Mill Tulsipur, Balrampur (U.P.)”, in an edited book (ISBN: 978-93-95463-34-8).

**8. Honor/Award/ Recognition:**

- **Dr. Dolly Kumari** received best oral presentation award (1<sup>st</sup>) in International Conference on “Sustainable Innovation: Bridging Research & Industry for a Resilient Future (SI.BRIRF)” at SRMU from 7<sup>th</sup> to 9<sup>th</sup> April 2025.
- **Dr. Sumit Chaudhary** received best oral presentation award in International Conference on “Sustainable Innovation: Bridging Research & Industry for a Resilient Future (SI.BRIRF)” at SRMU from 7<sup>th</sup> to 9<sup>th</sup> April 2025.

**9. PhD Awarded: 01**

**10. Photographs**



## Faculty of Mathematical and Statistical Sciences

### 1. Introduction about the department

Institute of Natural Sciences & Humanities (INSH) is committed towards academic excellence and integrity to create an educational environment that fosters curiosity, integrates rigorous inquiry, creative imagination and reflective thought process among students. The FoMSS is aegis of INSH aim to provide advanced knowledge in core areas of Mathematics & Statistics along with its applications in Science & Technology to implement UG and PG programmes. SRVVNK is a part of FoMSS, has been established on June 3, 2022. The aim of establishing this centre is to encourage new generations to look backward and bring ancient Indian traditional knowledge to forefront in the form of research and training.

### 2. List of Programs running in 2024-25

B.Sc.(H), B.Sc. (NEP), M.Sc., Ph.D. in Mathematics and Statistics

### 3. MoU Activities

2 MoU- Research Collaborations

### 4. Organized extension camps/ community work /Webinars/ FDPs/ Workshops/ Conferences/ Awareness programs/ field visit/ Educational trip

| S. No. | Name of the convener/coordinator   | Title   | Sponsor by | Date              |
|--------|--|---|------------|-------------------|
| 1      | Dr. V. N. Pathak, Dr. Kulbhushan Singh, Dr. Dilip Kr. Jaiswal, Dr. Prachi Srivastava, Dr. Anurag Agnihotri | International Conference on Sustainable Innovation: Bridging Research and Industry for a Resilient Future | SRMU       | April 07-09, 2025 |

### 5. Achievements of faculty members:

**Research:** 21 Research Papers

**Curricular:** External experts for RDC, Ph. D. Viva at different Organizations of India

**Co-curricular:** NCC, Sports

6. **Patents:** 04

7. **Books/ Book Chapter published:** 1 book chapter and 1 book published

8. **Research Publications:** 21

9. **Honor/Award/ Recognition:** 06

10. **Ph.D. awarded:** 02

### 11. Any Other Achievement/Highlight of the department:

All of the faculties are Ph.D. (21) and 01 NET qualified from Central University and other reputed state Universities. Some of them are with international exposure.



# Institute of Biosciences and Technology

## Faculty of Biosciences (FOBS)

### 1. Introduction about the department

The Faculty of Biosciences (FOBS) at Shri Ramswaroop Memorial University (SRMU) was established in 2015 with B.Sc. (Hons), M.Sc. and M.Phil. programmes in Biotechnology. Recently the department has incorporated few new courses like B.Sc. (Hons) Microbiology, B.Sc. (Hons) Nutrition and Dietetics and all the courses are well aligned with the National Education policy, 2020. In a very short span of time FOBS achieved many prestigious milestones. It received extramural research grant, published, and continues to do so, in peer-reviewed publications in high-impact journals, placement of students in reputed organizations, organized value-added courses, conferences, seminars, workshops and guest lectures by eminent scientists and academicians, etc. The labs are equipped with state-of-the-art instruments and can be compared with any research lab globally. Thus, the academic and research activities, manifold dimensions for interaction among students, research fellows, faculty members to shape an outstanding cooperative research and training experience as well. The department currently consists of 16 regular faculty members, and 13 research fellows at present.

### 2. List of Programs as running in 2024-25

|  |   |
|--|---|
| <b>B.Sc. (Hons) Biotechnology</b><br><b>B.Sc. (Hons) Microbiology</b>              | Passed 10+2 or equivalent system from any recognized Central/ State Board with Physics and Mathematics/Biology as compulsory subject along with Chemistry/ Biotechnology/ Computer Science with minimum aggregate marks of 45% or equivalent grade for GEN/OBC and 40% marks or equivalent grade for SC/ST Category.  |
| <b>B.Sc. (Hons) Nutrition and Dietetics</b><br><b>B.Sc. (Hons) Food Technology</b> | Passed in 10+2 examination/equivalent with Biology or Life Sciences as one of the subjects with minimum aggregate marks of 50% or equivalent grade for GEN/OBC and 45% marks or equivalent grade for SC/ST Category.  |
| <b>M.Sc. Biotechnology</b>   | Passed Graduation in Life Science (Zoology, Botany, Environmental Science, Biochemistry) or equivalent from any recognized University or AICTE recognized Institute/College with minimum aggregate marks of 45% or CGPA of 5.0 for GEN/OBC and 40% marks or CGPA of 4.5 for SC/ST Category.   |
| <b>Ph.D (Biosciences)</b>  | Passed Post Graduation in Life Science (Zoology, Botany, Environmental Science, Biochemistry) or allied subjects from any recognized University or AICTE recognized Institute/College with minimum aggregate marks of 45% or CGPA of 5.0 for GEN/OBC and 40% marks or CGPA of 4.5 for SC/ST Category. 50% marks in RAT Exam and successfully clear interview. |

### 3. Outstanding performance of the students (Academic/curricular/and co-curricular):

#### CSIR NET qualifiers

- **CSIR JRF-NET qualifiers:** Ms. Sangeeta of B.Sc. Biotechnology qualified CSIR-NET-JRF and GATE examination.
- Vaishnavi Srivastava student of BSc. (H) BT VI Sem has received certificate for attending combined annual training Camp held at Lucknow Cantt.
- Navya Singh, Vaishnavi Srivastava and Prachi Kumari cadet has passed the certificate “B” examination held in 2024 under the authority of Ministry of Defence, Government of India.

**4. Organized extension camps/ community work /Webinars/ FDPs/ Workshops/ Conferences / Awareness programs/ field visit/ Educational trip:**

| S. No. | Course-Branch-Groups  | Types of Activity*        | Date of Conduct | Topic   | Name of Speaker/Trainer (along with Designation & Organization)   |
|--------|---|---------------------------|-----------------|---|---|
| 1      | B. Tech BT61,62 and BSc. BT 41,42                             | Guest Lecture             | 13/02/2025      | Immunology  | Dr. Gosipatala Sunil Babu , Dept. of Biotechnology, Babasaheb Bhimrao Ambedkar University, Lucknow                                      |
| 2      | BSc BT 61,62  | Guest Lecture             | 17/02/2025      | Drug Designing and delivery   | Dr Awesh Yadav, Assistant Professor, NIPER, Raibareilly, CRPF Camp road Lucknow   |
| 3      | BSc BT 41,43,43, B. Tech BT61,62                              | Guest Lecture             | 04/03/25        | Laboratory Diagnosis of Cancer causing microorganisms and their prevention        | Dr. Suruchi Shukla, Associate Professor, Department of Virology, King George's Medical University, Lucknow                              |
| 4      | BSc BT 41,43,43, B. Tech BT61,62                              | Guest Lecture             | 24/03/25        | Environment and human health: understanding the genetic and epigenetic connection | Dr. Vikas Srivastava Senior Scientist Systems Toxicology & Health Risk Assessment CSIR-Indian Institute of Toxicology Research, Lucknow |
| 5      | BSc BT 21,22, B. Tech BT31, BSc MB II year                    | Guest Lecture             | 16/04/25        | Microevidence in investigation of body crime                                      | Mr. Gyasuddin Khan, Additional director, Medico legal expert, U.P state Medico legal cell, Lucknow                                      |
| 6      | B. Sc. (H) BT/MB/ND/FT, M. Sc. BT, B.Tech. BT, and M.Tech. BT | Orientation Lecture       | 17/08/2024      | Biotechnology: Application and future perspectives                                | Dr. Naveen Kumar Gautam, Associate Professor, Department of Urology, SGPGI, Lucknow   |
| 7      | B. Sc. (H) BT/MB/ND/FT, M. Sc. BT, B.Tech. BT, and M.Tech. BT | Guest lecture             | 30/08/2024      | Environment and Health: Biotechnological Interventions in Current Perspectives    | Dr. V.P. Sharma, Chief Scientist, and Professor AcSIR CSIR- Indian Institute of Toxicology Research MG Marg, Lucknow                    |
| 8      | B. Sc. (H) BT/MB/ND/FT, M. Sc. BT, B.Tech. BT, and M.Tech. BT | Guest lecture             | 18/10/2024      | Emerging Trends and Opportunities in Food Processing Sector                       | Dr. P.P. Gothwal, Chief Scientist and Head CSIR-CFTRI (Central Food Technological Research Institute) Lucknow Resource Centre, Lucknow  |
| 9      | B. Sc. (H) BT/MB/ND/FT, M. Sc. BT, B.Tech. BT, and M.Tech. BT | One day national workshop | 14/11/2024      | One day workshop on "General awareness on food safety of daily life commodities"  | 1. Dr Ankita Yadav Food Safety Officer, DM Office Barabanki<br>2. Ms. Pallavi Tiwari, Food Safety Officer, DM Office Barabanki          |

**5. Achievements of faculty members :**

- Dr. Sankalp Misra received Author Service Award (Springer Nature; Scientific Reports).

- Dr. Sankalp Misra received Best Presentation Award (5th International Conference on Environmental, Agricultural, Chemical, and Biological Sciences).
- Dr. Sankalp Misra received Young Researcher Award (Shri Ramswaroop Memorial University).
- Dr. Renu Khare received certificate of appreciation was given (Harmony coordinator) from Pro-chancellor ma'am and Vice Chancellor sir, during the Harmony ceremony 2024.
- Dr. Sankalp Misra received Bharat Gaurav Puruskar and Young Researcher Award.
- Dr. Garima Gupta became the University Research Ambassador by GoldSmith Institute of Advanced Research.
- Dr. Garima Gupta received First Prize at University Level in Teaching-Learning Innovation Award by SRMU, Barabanki.
- Dr. Sonal Prasad received the Young woman scientist award by Government College, Hisar.
- Dr. Sonal Prasad received the Certificate of honour (Shri Ramswaroop Memorial University).
- Dr. Ravi K. Deshwal became Fellow of Mendilian Society of India.

#### **6. Patents:**

- Indian patent on Eco-friendly photobioreactor for microorganism growth.
- Indian patent on Cloud based device for detection of oral cancer.
- National Patent on Non-Invasive Breast Cancer Detector.
- International Patent (UK) on Portable microbial crime scene detector.
- Indian Patent on Cancer Cell Transformation Device.
- International Patent (UK) on Microinjection Tool with Integrated Display

#### **7. Books/ Book Chapter published:**

- Prasad S, Singh R, Singh A, Umrao V, Misra S (2025) Introduction to Plant Protein: Benefits and Applications. In: Younis K, Yousuf O (eds) The Future of Plant Protein: Innovations, Challenges, and Opportunities. Springer Nature Singapore, pp. 1-24.
- Prasad S, Singh R, Singh A, Pandey A, Misra S (2025) Insights into Nutritional Properties of Plant Proteins for Health Benefits. In: Younis K, Yousuf O (eds) The Future of Plant Protein: Innovations, Challenges, and Opportunities. Springer Nature Singapore, pp. 25-49.
- Verma SK, Dave A, Israr J, Singh D, Misra S (2025) Rhizosphere Engineering for Agriculture and Ecological Sustainability. In: Pankaj U, Babele P, Singh AK (eds) Plant-microbiome Interactions for Climate-resilient Agriculture. Springer, pp. 259–279.
- Israr J, Alam S, Siddiqui S, Misra S, Gupta D, Kumar A (2024) Cell-Free Systems for Genomics. In: Singh V (eds) Advances in Genomics: Methods and Applications. Springer Nature Singapore, pp. 391-414.
- Israr J, Alam S, Siddiqui S, Misra S, Gupta D, Kumar A (2024) Recent Progress in Microarray and its Role in Genomics. In: Singh V (eds) Advances in Genomics: Methods and Applications. Springer Nature Singapore, pp. 199-212.
- Israr J, Alam S, Siddiqui S, Misra S, Gupta D, Kumar A (2024) Genome-Wise Analysis for Drug Targeting. In: Singh V (eds) Advances in Genomics: Methods and Applications. Springer Nature Singapore, pp. 119-140.
- Verma SK, Singh D, Misra S (2024) Innovative Approaches to Sustainable Waste Management and Energy Generation in Developing Nations. In: Mehra R, Kumar P, Hung B (eds) Municipal Solid Waste Management and Recycling Technologies. IGI Global, pp. 267-300). <https://doi.org/10.4018/979-8-3693-4054-7.ch010>
- Prasad S, Dave A, Misra S (2024) Cellulose Based Nanomaterials for Food Packaging: Opportunities and Challenges. In: Younis K, Yousuf O, Ul Islam S (eds) Organic-Based Nanomaterials in Food Packaging. Springer, Cham. [https://doi.org/10.1007/978-3-031-63829-9\\_5](https://doi.org/10.1007/978-3-031-63829-9_5)
- Israr J, Alam S, Siddiqui S, Misra S, Singh I, Kumar A (2024) Advances in Structural Bioinformatics. In: Advances in Bioinformatics (Eds. Singh V, Kumar A) Springer Nature Singapore, pp. 35-70.

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- Yadav, S., Prasad, S. (2024). Starch-Based Nanomaterials for Food Packaging. In: Younis, K., Yousuf, O., Ul Islam, S. (eds) *Organic-Based Nanomaterials in Food Packaging*. Springer, Cham
- Sonal Prasad, (2025) *Plant-Based Meat Alternatives: A Sustainable Approach for Health and Environment; "Meat Composition and Nutrition"*; Apple Academic Press, Taylor & Francis Group, USA. ISBN: 9781779640529
- Sonal Prasad, (2025) *Meat Transportation: Meat transportation, cold chain management, post transportation treatments, road transport; Meat Composition and Nutrition* (Apple Academic Press, Taylor & Francis Group, USA) 9781779640529
- Pritika Joshi and Ankita Srivastava. *Sustainable Agriculture: Environmental challenges and food waste. Natural resource management and environment security (volume-7)*, 2025
- Ankita Srivastava. *Compromised food safety and quality in Ultra Processed foods: Negligence towards public health. Advances in Nutrition (vol-11)*, 2024
- Tiwari, N., Mehrotra, N., Tripathi, P. and Sharma, S., 2024. *Vitamins and Their Impact on Human Health. In Clinical Applications of Biomolecules in Disease Diagnosis: A Comprehensive Guide to Biochemistry and Metabolism (pp. 129-153)*. Singapore: Springer Nature Singapore.
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- Sujeet Pratap Singh, Ravi K. Deshwal and Imran Hussain (2025) "Bioprocess Technology" *Advance in Technology and Science (Pioneering the future of Industry) P- 218* Natlas Publication, I.P. Extension, East Delhi"
- Singh D., Chauhan U., Maurya S., Gupta G\*, (2024) Exploring the potential of grasses in the phytoremediation of various xenobiotic compounds. In book: *Sustainable Management of Environmental Pollutants through Phytoremediation*. CRC Press.10.1201/9781003442295-6
- Chauhan U., Singh D., Maurya S., Gupta G\*, (2024) Unravelling the mechanism of phytoremediation prospects of oil Seed and aromatic Plants. In book: *Sustainable Management of Environmental Pollutants through Phytoremediation*. CRC Press. CRC Press. 10.1201/9781003442295-5

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- Singh A., Maurya S., Saxena A., Gupta G., (2024) A review on phytoremediation technique used for removal of arsenic from groundwater. Sustainable Management of Environmental Pollutants Through Phytoremediation. In book: Sustainable Management of Environmental Pollutants through Phytoremediation. CRC Press. 10.1201/9781003442295-7
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- Shukla, S., Maurya, S., Anushka Srivastava, Jadhav, U., Gupta, G.\* (2025). Engineered Nanomaterials and Associated Threats in the Environment: Risk Assessment Strategies. In: Dey, S., Shah, M.P. (eds) Biotechnological Removal of Emerging Pollutants from Wastewater Systems. Advances in Wastewater Research. Springer, Singapore. [https://doi.org/10.1007/978-981-96-3945-8\\_17](https://doi.org/10.1007/978-981-96-3945-8_17)
- Maurya, S., Patel, A., Gupta, G., More, A.B. (2025). Emerging Pollutants in Wastewater and Its Biomonitoring. In: Dey, S., Shah, M.P. (eds) Biotechnological Removal of Emerging Pollutants from Wastewater Systems. Advances in Wastewater Research. Springer, Singapore. [https://doi.org/10.1007/978-981-96-3945-8\\_13](https://doi.org/10.1007/978-981-96-3945-8_13).

#### 8. Research Publications:

| Title of the paper   | Name of the author   | Title of the journal                               | Year of publication |
|--|--|--|---------------------|
| Endophytic bacterial's phenylalanine and trans-cinnamic acid as exogenous precursors involved in the modulating colchicine biosynthesis pathway in <i>Gloriosa superba</i> .               | Semwal P, Shivhare R, Majhi B, Mishra SK, Misra S, Misra A, Srivastava S, Chauhan PS                   | Plant Physiology and Biochemistry                  | 2025                |
| Exploring Microbial Ecosystem Services for Environmental Stress Amelioration: A Review.  | Semwal P, Dave A, Israr J, Misra S, Kumar M, Paul D  | International Journal of Molecular Sciences        | 2025                |
| Current Approaches and Implications in Discovery of Novel Bioactive Products from Microbial Sources.   | Pandey A, Israr J, Pandey J, Misra S   | Current Microbiology                               | 2025                |
| Exploration of soil operative resistance factors: modulators of plant ecophysiological responses. Proceedings of the Indian National Science Academy                                       | Misra S  | Proceedings of the Indian National Science Academy | 2024                |
| Genomic characterization of the salt-tolerant <i>Bacillus</i> and <i>Jeotgalicoccus</i> strains reveals a diverse metabolism relevant to plant growth promotion and salt stress tolerance. | Misra S, Prasad P, Semwal P, Mishra SK, Asif MH, Chauhan PS  | 3 Biotech  | 2024                |
| <i>Bacillus australimaris</i> protect <i>Gloriosa superba</i> L. against <i>Alternaria alternata</i> infestation.  | Semwal P, Mishra SK, Majhi B, Mishra A, Joshi H, Misra S, Misra A, Srivastava S, Chauhan PS            | World Journal of Microbiology and Biotechnology    | 2024                |
| Bioactive compounds from <i>Achyranthes aspera</i> L. extract: A UHPLC profile and in silico study for mouth cancer.   | Israr J, Ahamad T, Alam S, Misra S, Gupta D, Ahmad R, Arshad M, Khan MF, Maurya P, AlShammari L, Ali A | ChemistrySelect.                                   | 2024                |

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|---|---|---|------|
| In silico Screening and in vitro Cytotoxicity Study of <i>Achyranthes aspera</i> Phytochemicals Against Oral Cancer: A Possible Step towards the Development of Anti-cancer Agents. | Israr J, Khan MA, Misra S, Gupta D, Singh N, Ahmad R, Siddiqui S  | Combinatorial Chemistry & High Throughput Screening   | 2024 |
| Biostimulants: an eco-friendly regulator of plant stress tolerance and sustainable solution to future agriculture.  | Dubey R, Misra S  | Proceedings of the Indian National Science Academy.   | 2024 |
| Endophytic bacilli from <i>Cyamopsis tetragonoloba</i> (L.) Taub. induces plant growth and drought tolerance.   | Umrao V, Yadav S, Semwal P, Misra S, Mishra SK, Chauhan PS, Shirke PA   | International Microbiology                            | 2024 |
| Revolutionizing the supply chain: Cutting-edge strategies and technologies for food waste reduction.  | Singh, A.; Prasad, S.; Singh, R.; Younis, K.; Yousuf, O.  | Bioresour. Technol. Rep                               | 2025 |
| Investigating potent cardioprotective compounds as ACE inhibitors in <i>Saraca asoca</i> .  | Prasad, S., Younis, K., & Yousuf, O.  | Toxicology reports                                    | 2024 |
| Edible Insects: A Nutritious and Sustainable Approach of combating malnutrition and improving Health through Alternative Proteins.  | Roshini Singh, Arpita Singh, Raghvendra Pandey, Tanya Singh, Kalash Mishra, Nitesh pandey, Dr. Sonal Prasad ( | Library Progress International.                       | 2024 |
| Evaluation of <i>Aspergillus fumigatus</i> for degradation of Resorcinol,   | R. Verma, Shalini Singh, D.P. Sharma  | International Journal of Emerging Trends in Research. | 2025 |
| Enhancing nutrition and value: Innovative uses of banana blossom in functional food products.   | Joshi P and Srivastava A.   | Journal of Medicinal and Aromatic Plant Sciences.     | 2024 |
| Evaluation of quality of spices and purchasing behavior of urban area. Proceedings on Biodiversity, wildlife and environment,   | Ankita Srivastava and Pritika Joshi   | (International conference ILSSD-2025).                | 2025 |
| A quality evaluation of common spices marketed in packaged and unpackaged forms. Bioscan  | Pritika Joshi and Ankita srivastava.  | Bioscan   | 2025 |
| Development of enriched and sustainable ready to eat products of banana blossom.  | Ankita Srivastava , Chetna Verma and Pritika Joshi  | International Journal of Creative research Thoughts.  | 2025 |
| Evolutionary and Regulatory Analysis of B3 DNA-Binding Superfamily Genes in Sponge Gourds.  | Singh Vasundhra, Gupta Divya, Vaish Swati, Singh Nootan, Tiwari Neeraj and Sharma Sapna.                      | Afr.J.Bio.Sc.   | 2024 |
| Exploring the therapeutic potential of rosemary compounds against Alzheimer's disease through GC-MS and molecular docking analysis.   | Singh A, Singh D, Tiwari N, Mittal P, Siddiqui MH, Mittal N.  | In Silico Pharmacol.                                  | 2024 |
| Genome-wide characterization of the DNA-binding B3 superfamily <i>Lagenaria siceraria</i> and profiling its expression in biotic stresses.  | Singh Vasundhra, Gupta Divya, Singh Nootan, Tiwari Neeraj and Sharma Sapna.                                   | Research Journal of Biotechnology                     | 2024 |
| In silico molecular screening of bioactive natural compounds of rosemary essential oil and extracts for pharmacological potentials against rhinoviruses.                            | Singh D, Mittal N, Mittal P, Tiwari N, Khan SU, Ali MAM, Chaudhary AA, Siddiqui MH                            | Sci Rep.  | 2024 |

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|--|--|--|------|
| Autophagy Modulating Potential of <i>Mucuna pruriens</i> in Parkinson's Disease  | . R. Sachchida Nand, S. Payal, P. Chandrabhan, T. Neeraj, S. Veer, R. P. Ravishankar, et al.   | Current Traditional Medicine             | 2025 |
| Exploring the therapeutic potential of rosemary compounds against Alzheimer's disease through GC-MS and molecular docking analysis.                      | Singh A, Singh D, Tiwari N, Mittal P, Siddiqui MH, Mittal N.   | In Silico Pharmacol.                     | 2024 |
| In silico molecular screening of bioactive natural compounds of rosemary essential oil and extracts for pharmacological potentials against rhinoviruses. | Singh D, Mittal N, Mittal P, Tiwari N, Khan SU, Ali MAM, Chaudhary AA, Siddiqui MH   | Sci Rep.                                 | 2024 |
| Impact of veterinary pharmaceuticals on environment and their mitigation through microbial bioremediation.   | Saeed, H., Padmesh, S., Singh, A., Nandy, A., Singh Sujeet Pratap, & Deshwal, R. K.  | Frontiers in Microbiology                | 2024 |
| Potential use of pathogenic microorganisms' toxins as biological agent Infectious Disease:   | Bora J., Hazra R. Sumira Malik, Lata S., Banerjee S., Pal S., Deshwal R. K. Mondal S., Talukdar N., Rustagi S., Ramniwas S.                      | News Opinion Training.                   | 2024 |
| AI (2025) The Future of Dental Materials: Biocompatible and Sustainable Polymers.  | Bharti Raina, Dinesh Deshwal, Nitesh Singh, Ravi K. Deshwal, Sumaira Malik, Sarvesh Rustagi et.  | Journal of Neonatal Surgery              | 2025 |
| In silico analysis of <i>phlogacanthus thyriflorus</i> Nees and its protective effects against cardiomyopathic stress induced by alloxan in mice model.  | Jutishna Bora, Sumira Malik, Smita Lata, Tarang Jyoti Baruah, Sarvesh Rustagi, Himanshu Ranjan, Ravi K. Deshwal, Seema Ramniwas & Nayan Talukdar | International Journal of Plant Research. | 2025 |
| Current perspectives on neuroendocrine tumors.   | Sunil Kumar Verma, Renu Khare and Devendra Singh   | hLife                                    | 2024 |
| Unraveling the antifungal, antibacterial activity, and cytotoxicity analysis of <i>Ziziphus oenoplia</i> .   | Anshu Mishra, Ravi Kant Kushwaha, Akash Singh, Renu Khare, Sunil Kumar Verma and Devendra Singh  | Eco. Env. & Cons.                        | 2025 |
| Innovations in Biomass-Derived Materials for Efficient CO <sub>2</sub> Sequestration   | Sunil Kumar Verma, Devendra Singh, Abhishek Sharan, Renu Khare, Sweta Rai and Prashant Kumar and Veena Singh                                     | Chemistry Africa                         | 2024 |
| Hydrochemical Evaluation of Groundwater Quality and Human Health Risk Assessment of Fluoride and Nitrate: A Case Study of Pratapgarh District UP, India  | Maurya S., More AB., <b>Gupta G.</b> , Saxena A., et al.,  | Water, Air, & Soil Pollution             | 2025 |

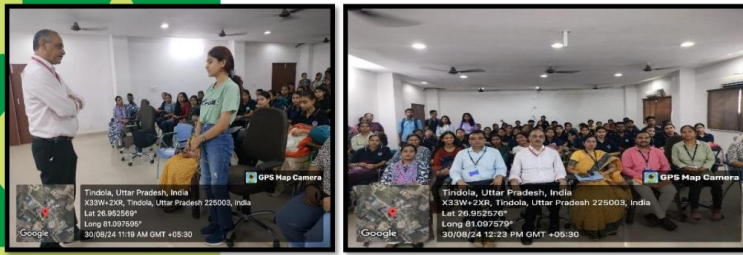
|   |   |   |      |
|---|---|---|------|
| Mechanistic insights to Paenibacillus lentimorbus mediated biocontrol of Alternaria solani in Solanum lycopersicum L. through carbohydrate reallocation and sweet immunity suppression. | <b>Gupta G.*</b> , Joshi H., Mishra SK., Chauhan PS.              | Physiological and Molecular Plant Pathology | 2024 |
| Valorization of Spent Mushroom Substrate (SMS) as a sustainable approach to remediation of xenobiotic compounds in groundwater – A comprehensive review.                                | <b>Gupta G.*</b> , Maurya S., Jha PN., Chauhan PS                 | Groundwater for Sustainable Development     | 2024 |
| Assessment of Heavy Metal Contamination and Associated Human Health Risk in Central Ganga Plain, India.   | Maurya S., Saxena A., Singh P., Pal P., <b>Gupta G.</b> , et al., | Environmental Quality Management            | 2025 |
| Molecular Docking and Dynamics Simulation study for Anticancer Phytoconstituents inhibiting breast cancer   | Singh N., Yadav PK., Singh AK., Gupta D,* <b>Gupta G*</b> ,       | Research Journal of Biotechnology           | 2024 |

#### 9. Honor/Award/ Recognition:

- Dr. Sankalp Misra received Author Service Award (Springer Nature; Scientific Reports).
- Dr. Sankalp Misra received Best Presentation Award (5th International Conference on Environmental, Agricultural, Chemical, and Biological Sciences).
- Dr. Sankalp Misra received Young Researcher Award (Shri Ramswaroop Memorial University).
- Dr. Sankalp Misra received Bharat Gaurav Puruskar and Young Researcher Award.
- Dr. Garima Gupta received First Prize at University Level in Teaching-Learning Innovation Award by SRMU, Barabanki.
- Dr. Sonal Prasad received the Young woman scientist award by Government College, Hisar.

#### 10. PhD awarded:

| S. No. | Name of the Scholar | Names of the Supervisor | Title of the PhD Thesis  | Date of Registration |
|--------|---------------------|-------------------------|--|----------------------|
| 1.     | Deepti Singh        | Dr. Neeraj Gupta        | Microbial Laccase: Production, Optimization Partial Purification and Its Characterization  | 05.08.2017           |
| 2.     | Vasundhra Singh     | Dr Sapna Sharma         | Measurements of tree seedling growth in dry tropical environment at Lucknow                | 05.08.2017           |
| 3.     | Nootan Singh        | Dr. Garima Gupta        | Role and Relevance of Sam Pointed Domain ETS Transcription Factor (SPDEF) in Breast Cancer | 03.08.2019           |



A guest lecture on “Environment and Health: Biotechnological Interventions in Current Perspectives” was organized by guest lecture committee (Dr. Ankita, Dr. Sankalp Misra, Dr. Pratibha Gupta and Mr. Naushad



A guest lecture on “Emerging Trends and Opportunities in Food Processing Sector” was organized by the Institute of Biosciences & Technology (FOBS) on 18<sup>th</sup> October 2024. The key speaker was **Dr.P.P.Gothwal, Chief Scientist, CSIR-Central Food Technological Research Institute (CFTRI)-Lucknow Resource Center, Deva Road, Lucknow.**

Induction programme started on first day with Welcome address by **Dr. Tabish Qidwai**, Director IBST and **Dr. Neeraj Gupta**, Academic coordinator, IRST



Local Area Visit of students at **Rumi Darwaza, Lucknow**



Industrial visit of III year students at **Indian Institute of Toxicological Research, Lucknow**



## Faculty of Biotechnology

### 1. Introduction About the Department

The Department of Biotechnology at Shri Ramswaroop Memorial University (SRMU), Barabanki (Lucknow), established in 2012, is a vibrant centre of innovation and academic excellence. It offers a range of programs—including a four-year B.Tech in Biotechnology, a two-year full-time M.Tech in Biotechnology, and advanced research opportunities with a Ph.D. in Biotechnology—designed to prepare students for both industry and academia. Additionally, the department provides a unique five-year integrated B.Tech+M.Tech dual degree, allowing students to pursue comprehensive engineering and breakthrough research in a streamlined format.

Curricula across all levels blend core engineering principles, like molecular biology and genome editing, with hands-on training in cutting-edge labs equipped for recombinant DNA techniques, bioinformatics, and industrial biotechnology. The department actively promotes translational research and collaboration- engaging with industry partners, publishing in reputable journals, and hosting workshops and guest lectures- ensuring students are professionally and socially prepared.

### 2. List of Programs as running in 2024-25

- i) B.Tech. Biotechnology
- ii) Int. B.Tech. +M. Tech Biotechnology
- iii) Int. B.Tech. BT +MBA
- iv) M. Tech. Biotechnology
- v) Ph.D (Biotechnology)

### 3. Organized extension camps/ community work /Webinars/ FDPs/Workshops/ Conferences/ Awareness programs/ field visit/ Educational trip

| S. No. | Title   | Date  |
|--------|---|---|
| 1.     | Guest lecture on “Immunology”   | 13/02/2025                                      |
| 2.     | Guest lecture on “Drug Designing and delivery”  | 17/02/2025                                      |
| 3.     | Guest lecture on “Laboratory Diagnosis of Cancer-causing microorganisms and their prevention.”        | 04/03/25  |
| 4.     | Guest lecture on “Environment and human health: understanding the genetic and epigenetic connection.” | 24/03/25  |
| 5.     | Guest lecture on “Microevidence in investigation of body crime”                                       | 16/04/25  |
| 6.     | Guest lecture on “Biotechnology: Application and future perspectives.”                                | 17/08/2024                                      |
| 7.     | Guest lecture on “Environment and Health: Biotechnological Interventions in Current Perspectives.”    | 30/08/2024                                      |
| 8.     | Guest lecture on “Emerging Trends and Opportunities in Food Processing Sector.”                       | 18/10/2024                                      |
| 9.     | One day workshop on "General awareness on food safety of daily life commodities"                      | 14/11/2024                                      |
| 10.    | Industrial visit to CSIR-Indian Institute of Toxicology Research (IITR), Lucknow                      | 05/09/2025                                      |
| 11.    | Industrial visit to Central Institute of Medicinal and Aromatic Plants (CSIR-CIMAP), Lucknow          | 26/03/2025                                      |
| 12.    | FDP on Informative Teaching and Research Prospects in Biotechnology & Biosciences                     | 15 <sup>th</sup> to 20 <sup>th</sup> July, 2024 |

#### 4. Achievements of faculty members

##### Research

| Name of Faculty       | Journal Papers | Journal Papers (Communicated) | Number of patents | Book Chapter | Book | Conference paper | Project |
|-----------------------|----------------|-------------------------------|-------------------|--------------|------|------------------|---------|
| Dr Tabish Qidwai      | 2              | -                             | -                 | -            | -    | -                | -       |
| Dr Tanvi Jain         | -              | -                             | -                 | 2            | -    | -                | -       |
| Dr. Devendra Singh    | 9              | 1                             | 2                 | -            | -    | -                | 2       |
| Dr Kunal Singh        | 1              | -                             | -                 | -            | -    | -                | -       |
| Dr Deepankar Sharma   | 0              | -                             | -                 | -            | -    | -                | -       |
| Er. Sunil Kumar Verma | 4              | 1                             | 2                 | -            | -    | -                | 1       |
| Er. Ayushi Verma      | 1              | 1                             | -                 | -            | -    | -                | -       |
| Dr. Ashish Tiwari     | -              | -                             | -                 | -            | -    | -                | -       |

##### Academic

| S. No. | Name of Faculty | Name of Award                           | Organization conferring the Award |
|--------|-----------------|---|-----------------------------------|
| 1.     | Dr. Tanvi Jain  | Teaching, Learning and Innovation Award | SRMU                              |

##### Curricular

| No. of Faculty               | International level | National level | Local level |
|------------------------------|---------------------|----------------|-------------|
| Attended Seminars/ Workshops | -                   | 1              | -           |
| Presented papers             | -                   | 1              | -           |
| Resource Persons             | -                   | 0              | -           |

| S. No. | Name of the convener/coordinator | Title  | Date          | Whether International/ State/National/ Regional/ University level |
|--------|----------------------------------|--|---------------|---|
| 1.     | Dr. Tabish Qidwai                | Genetic Engineering, workshop organized by Dr RML Avadh University, Ayodhya. | 18-22/02/2025 | Workshop  |
| 2.     | Er. Ayushi Verma                 | Advanced Biotechnology and Biosystems  | 11-12/11/2024 | National Conference   |

##### 5. Patents

| Patent Details  | Patent status |
|---|---------------|
| Environmental biotechnology by the usage of polymerase chain reaction | Filed         |
| PeSTIScan portable biosensor probe                                    | filed         |

##### 6. Books/ Book Chapter published: 02 (Book chapters)

|               |   |                |
|---------------|---|----------------|
| Dr Tanvi Jain | Root architecture and microRNAs: A key role for microRNAs               | Academic press |
| Dr Tanvi Jain | Epigenetic modulation of plant developmental pathways by non-coding RNA | Academic press |

## 7. Research Publications

| Title of the paper   | Name of the author    | Title of the journal                         | Year of publication |
|--|-----------------------|--|---------------------|
| Musculoskeletal and neuromuscular dysfunction due to COVID-19 infection: A review.   | Dr. Devendra Singh    | Vacunas (Elsevier).                          | July (2024)         |
| Current perspectives on neuroendocrine tumors  | Dr. Devendra Singh    | hLife  | November 2024       |
| Assessing the drought-tolerance and growth-promoting potential of strawberry ( <i>Fragaria × ananassa</i> Duch.) rhizobacteria for consortium bioformulation | Dr. Devendra Singh    | Ecological Genetics and Genomics             | November 2024       |
| Harnessing Speed Breeding in Controlled Environment Ecosystem for Millets Sustainability   | Dr. Devendra Singh    | ACS Omega                                    | December 2024       |
| Growth and survival of microbes on different material surfaces: Current scenario and future challenges.  | Dr. Devendra Singh    | Journal of Applied Biology & Biotechnology   | February 2025       |
| Personalized medicine: An alternative for cancer treatment.  | Dr. Devendra Singh    | Cancer Treatment and Research Communications | January 2025        |
| Innovations in Biomass-Derived Materials for Efficient CO <sub>2</sub> Sequestration   | Dr. Devendra Singh    | Chemistry Africa                             | January 2025        |
| Optimization of culture conditions for dye (Reactive Green 12) decolorizing bacterium isolated from textile industry effluent                                | Dr. Devendra Singh    | Ecological Genetics and Genomics             | May 2025            |
| Harnessing the medicinal potential of herbs through hormesis: Perspectives in global health and therapeutics   | Dr. Devendra Singh    | Food Chemistry Advances                      | May 2025            |
| Machine learning-based monkeypox virus image prognosis with feature selection and advanced statistical loss function   | Dr. Tabish Qidwai     | Medicine in Microecology                     | March 2024          |
| Assessment of Circulating Cell Free DNA Methylation Biomarker of Panel of Selected Genes for Lung Cancer Detection.  | Dr. Tabish Qidwai     | Ind J Clin Biochem                           | July 2024           |
| Current perspectives on neuroendocrine tumors  | Er. Sunil Kumar Verma | hLife  | November 2024       |
| Personalized medicine: An alternative for cancer treatment.  | Er. Sunil Kumar Verma | Cancer Treatment and Research Communications | January 2025        |
| Innovations in Biomass-Derived Materials for Efficient CO <sub>2</sub> Sequestration   | Er. Sunil Kumar Verma | <u>Chemistry Africa</u>                      | January 2025        |
| Harnessing the medicinal potential of herbs through hormesis: Perspectives in global health and therapeutics   | Er. Sunil Kumar Verma | Food Chemistry Advances                      | May 2025            |
| Paneer mediated whey protein stabilized ascorbic and folic acid coated ferric pyrophosphate nanoparticle to combat anemia                                    | Er. Ayushi Verma      | Biosciences and Nanotechnology               | May 2025            |
| Corrigendum to “Advances in detection technology for authentication of vegetable oils: A comprehensive review”   | Dr. Kunal Singh       | Heliyon                                      | February 2025       |

## 8. Honor/Award/ Recognition

| S. No. | Name of Faculty | Name of Award                          | Organization conferring Award |
|--------|-----------------|--|-------------------------------|
| 1.     | Dr. Tanvi Jain  | Teaching Learning and Innovation Award | SRMU                          |

## 9. PhD Awarded

- Namrata Budhiraja** under the supervision of **Dr Devendra Singh** on the topic “Phytochemicals associated nanomaterial-based drug delivery for health care applications”
- Shivani Singh** under supervision of **Dr. Tabish Qidwai** on topic “Molecular Interactions and Docking Studies of The Phytochemical Constituents of *Schleichera oleosa* Against Therapeutic Targets of Rheumatoid Arthritis”.
- Kavita Srivastava** under the supervision of **Dr. Tanvi Jain** on the topic “Medico-Legal and Ethical Study of Stem Cell Research in India: A Comparative Study with Foreign Countries.”



# Institute of Legal Studies

## 1. Introduction to the Institute:

The Institute of Legal Studies has been hub of legal studies since its inception in 2013. The Institute is a convergence of academic, cultural and intellectual resources. The Institute offers a wide range of choices for the students to choose from Integrated, Undergraduate, Post Graduate and Doctoral programmes in Law. All the faculties are well qualified like Ph.D and NET. Institute of Legal Studies has a well-furnished and well-equipped moot court room. The moot court classes are conducted every week for students to polish their professional skills. The students are encouraged to participate in teams and prepare the case from one side. Institute has established Legal Aid Clinic which provide free legal aid /awareness. The mission of the Institute is to advance, disseminate learning with knowledge of law and legal process and their role in national development.

## 2. List of Programs running in 2024-25:

- Integrated BBA LL.B. (Hons.)
- Integrated BA LL.B.(Hons.)
- LL.B. 3 Years
- LL.M. (Criminal and Security Law)
- LL.M. (Corporate and Commercial Law)
- LL.M. (Constitutional and Administrative Law)
- LL.M. (International Comparative Law)
- Ph.D.

## 3. List of PhD awarded: 10 Ph.D awarded in session 2024-25

| Name of Research Scholar | Name of Supervisor           |
|--------------------------|------------------------------|
| Lalit Prakash            | Dr. Prashant Kumar           |
| Ekta Pandey              | Dr. P.C. Mishra              |
| Soumya Srivastava        | Dr. P.C. Mishra              |
| Amrendra Nath Tripathi   | Prof. (Dr.) Rohit P. Shabran |
| Vivek Kumar Mishra       | Dr. Prashant Kumar           |
| Praveen Hitkari          | Dr. Mahendra Kumar           |
| Vartika Pandey           | Dr. Shashank Shekhar         |
| Rubi Srivastava          | Dr. Prashant Kumar           |
| Sachin Chandra           | Prof. (Dr.) Rohit P. Shabran |
| Mandeep Singh            | Dr. Mahendra Kumar           |

## 4. Outstanding performance of the students (Academic/curricular/and co-curricular):

Students have participated in many outreach activities via NSS and NCC programs organized by university. Students also participated in Nukkad Natak on awareness of Eve- teasing, Swachh Shapath, sports activities and Constitution Day. One student also taken a session on lajja for women menstrual hygiene at Janta Girls Degree College.

## 5. Students qualifying any National/ International/ GATE/ NET/ GRE/ SLET etc.:

2 Students qualified NET.

## **6. MoU Activities:**

The Institute of Legal Studies, SRMU has signed MoU with 'Jus Corpus' and 'Nawal Foundation' in order to impart practical legal knowledge to students.

## **7. Participation in any extension service/NSS/NCC:**

NCC: 4 students

NSS: 28 students

## **8. Achievement of faculty members (Research/Academic/ curricular/and co-curricular):**

### **a) Prof. (Dr.) Rohit P. Shabran:**

- Published a patent on 'A Smart Law Service Providing System for Selecting a Lawyer base on Leading Case Information'.
- Acted as Vice-Chairperson in International Conference on Sustainable Innovation: Bridging Research and Industry for a Resilient Future organized by Shri Ramswaroop Memorial University.
- Published an edited book on 'Evolution of Legal Concepts: Remarkable Shift from Old Era to Modern Era by Anshika Publication [ISBN 978-81-960712-2-6].
- Published a book chapter on Fabricated Realities: Navigating the Dilemma of Right to Life and Fake Encounters in edited book on 'Evolution of Legal Concepts: Remarkable Shift from Old Era to Modern Era by Anshika Publication [ISBN 978-81-960712-2-6].

### **b) Dr. P. C. Mishra:**

- Presented a research paper titled 'A Comparative Study of Law Enforcement's Valiant Fight Against Human Trafficking And The Conveniently Overlooked Human Rights in India and Australia in Interantional Conference on Comparative Law organised by Galgotias University.

### **c) Dr. Shashank Shekhar:**

- Research Article on "Juvenile Justice system in India An analysis of Legislative Policies Judicial Developments and Societal Perception With Special Reference To Uttar Pradesh" has been published in a JIMR (Journal of Interdisciplinary and Multidisciplinary Research) - E-ISSN: 1936-6264.
- Research Article on "Juvenile Protection and Care The Current Trend in Juvenile Justice in India: Issues and Challenges" has been published in a International Journal of Economic Perspectives, 18(05)25-38 E-ISSN: 1307-1637.

### **d) Dr. Prashant Kumar Srivastava:**

- Published a book on "The Power of Access: Understanding the Right to Information Act" by String Production having ISBN number 978-93-6048-831-4.
- Delivered guest lecture on topic Changing Dimensions of Article 21 of Indian Constitution in Amity University, Lucknow on 26 March,2025.
- Received Research Excellence Award 2024 by Shri Ramswaroop Memorial University on 15<sup>th</sup> August 2024.

### **e) Dr. Shruti Sharma:**

- Attended one week Faculty Development Programme on Transforming Indian Criminal Laws: From Colonial Legacies to Current Legal Reforms organised by Institute of Legal Studies, Shri Ramswaroop Memorial University, Lucknow, Uttar Pradesh from July 22, 2024 to July 28, 2024.
- Published a research paper titled Predictive Analysis and Judgment Forecasting of Government Employee's Service Matters under purview of Machine Learning in J. Electrical Systems 20-3(2024): 6047-6062.

**f) Dr. Mahendra Kumar:**

- Published a research paper titled The Role of International Environmental Law in Addressing Transboundary Air Pollution in NIU International Journal of Human Rights ISSN 2394-0298 Volume 11,2024.
- Completed Refresher Course on Sustainable Development and Disaster Management organised by Bhagat Phool Singh Mahila Vishwavidyalaya.
- Completed NEP 2020 Orientation and Sensitization Programme organized by Ramanujan College, University of Delhi.

**g) Dr. Sunil Dutt Chaturvedi:**

- Published an edited book on ‘Evolution of Legal Concepts: Remarkable Shift from Old Era to Modern Era by Anshika Publication [ISBN 978-81-960712-2-6].
- Published a book entitled “Law and Policy on Geographical Indications in India” by Crown Publications, Ahmadabad, Gujarat, in August 2024 with ISBN: 978-93- 6426-982-7.

**h) Mr. Ambuj Mishra:**

- Organized one week Faculty Development Programme on Transforming Indian Criminal Laws: From Colonial Legacies to Current Legal Reforms organised by Institute of Legal Studies, Shri Ramswaroop Memorial University, Lucknow, Uttar Pradesh from July 22, 2024 to July 28, 2024.



**विधि छात्रों के लिए इन्द्रा मूट कोर्ट प्रतियोगिता का आयोजन**

आगरा-आगरा। श्रीराजराजराजराज विधि विद्यालय आगरा में एक मूट कोर्ट प्रतियोगिता आयोजित की गई। इस प्रतियोगिता में 17 से 19 आयुवर्ग के छात्रों ने भाग लिया। प्रतियोगिता में भाग लेने वाले छात्रों को प्रतियोगिता में भाग लेने के लिए प्रोत्साहित किया गया। प्रतियोगिता में भाग लेने वाले छात्रों को प्रतियोगिता में भाग लेने के लिए प्रोत्साहित किया गया। प्रतियोगिता में भाग लेने वाले छात्रों को प्रतियोगिता में भाग लेने के लिए प्रोत्साहित किया गया।

# Institute of Agricultural Sciences and Technology

## 1. Introduction to the Institute

SRMU has been running undergraduate program of four-year B.Sc. (Hons.) Agriculture program, designed in accordance with the recommendations of the Fifth Deans' Committee of the Indian Council of Agricultural Research (ICAR). Spreading its wings, the institute started 3 PG programs viz: M. Sc. (Hort.) Fruit Science, M. Sc. (Hort.) Vegetable Science and MBA in Agribusiness Management.

IAST also follows the Student READY (Rural Entrepreneurship Awareness Development Yojana) approach, which includes experiential learning, hands-on training, skill development, and the Rural Agricultural Work Experience (RAWE) program featuring field training and industrial attachment.

With its cutting-edge facilities and infrastructure, SRMU offers an ideal teaching and learning environment that attracts students from around the world. Our pedagogy is characterized by regular curriculum renewal, integration of best practices, and continuous evaluation of student learning outcomes. By fostering an educational ecosystem that promotes innovation and excellence, we prepare our students to thrive in a highly competitive global marketplace.

## 2. List of Programs as running in 2024-25

- i) B. Sc. (Hons.) Agriculture
- ii) M. Sc. (Hort.) Fruit Science
- iii) M. Sc. (Hort.) Vegetable Science
- iv) MBA in Agribusiness Management

## 3. Outstanding performance of the students (Academic/curricular/and co-curricular)

- NCC: 1. Shreshth Prakash Pandey  
2. Harshita Mal

## 4. Organized extension camps/ community work /Webinars/ FDPs/ Workshops/ Conferences / Awareness programs/ field visit/ Educational trip

- i) **Awareness Programme** on “Important agricultural practices for better production” dated on 27-07-2024 at village **Srinagar**, Dr. Prachi Bhargava, Dr. Balvir Singh, Dr. Vijay Prakash, Dr. Riyaz Ahmad, Dr. Sandeep Yadav and Dr. Anam Khan along with students and farmers participated in the program.
- ii) **Veterinary Camp and Awareness Programme** on “Vaccination and immunization of livestock against infectious diseases” under the Extension Activities at **Village Basti**, Banki Block, Barabanki on August 24, 2024. Dr. Balvir Singh and Shri Shubham Yadav, Lab Technician along with 45 B. Sc. (H) Ag. second-year students and 30 farmers participated in the program.
- iii) **Kisan Gosthi** "Agriculture Entrepreneurship Development and Livelihood Security" at village Semrawa, Mahol and village Nansoha, **Maholi, District Sitapur** on dated 26.10.2024. Dr. Balvir Singh, Dr. Pranav Kumar Mishra, Dr. Vijay Prakash, Dr. Riyaz Ahmad, Dr. Pankaj Kumar, Dr. Sandeep Yadav, Dr. Anam Khan and Lav Kumar; and Shri Vipin Kumar Singh, Institute of Agricultural Sciences & Technology and KVK staff also participated in the program.
- iv) Faculty Development Programme on “Agripreneurship: Opportunities and Challenges” (September 01-07, 2024) Organized by Institute of Agricultural Sciences & Technology (SRMU), Barabanki (U.P.)
- v) Sangosthi on “Jameen se Jeevan: Sanrakshit Bhoomi se Bhavishya Ka Samvardhan on 30 September 2024 to celebrate Vikas Chetns Saptaah.

## 5. Achievements of faculty members

**Research:** Research Paper:10

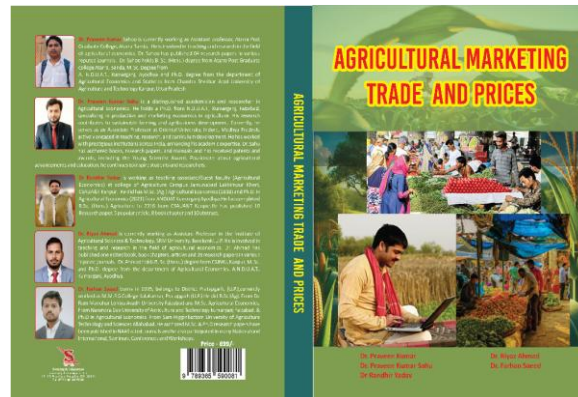
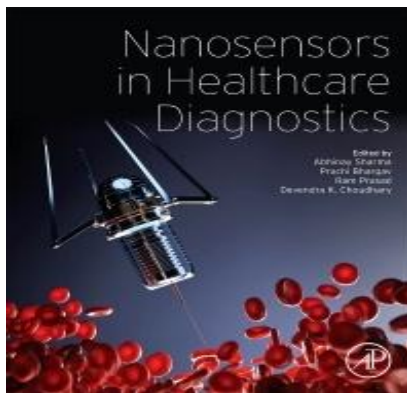
**Co-curricular:** NCC-02

**Patents:** Cycle-operated Agrochemical Sprayer, Granted, 444640-001, 28.04.2025

**Books:** 02

- i) Nanosensors in Healthcare Diagnostics by Abhinay Sharma, **Prachi Bhargava**, Ram Prasad and D. K. Chaudhary, Publisher Elsevier, USA

- ii) Agricultural Marketing, Trade and Prices by Dr. Praveen kumar, Dr. Praveen Kumar Sahu, Dr. Randhir Yadav, **Dr. Riyaz Ahmad** and Dr. Farhan Saeed, Publisher **Swaranjali Publication** Address: No -1-B, Sector 10B, Vasundhara Sector 10, Delhi - 201012,



### 6. Photographs (Highlights of the department)



# Institute of Education and Research

## 1. Introduction about the department

B. Ed., M.A. (Education) and Ph.D. Programs are currently running in the Institute of Education and Research, Shri Ramswaroop Memorial University, Barabanki. All programs have been designed with the aim of developing a skillful insight amongst learners and to ably fulfil the need of society and industry. It focuses on enabling the learners to reflect critically on perspectives of education and integrate holistically theory and practices to facilitate active engagement of learners for knowledge creation. The program focusses on transforming students into productive human resources fully equipped to train the future of tomorrow in our classrooms. Institute is also undertaking the responsibility of teaching Indian Knowledge System and Physical Education and Yoga across University.

## 2. List of Programs running in 2024-25

B. Ed. M.A (Education) and Ph.D.

## 3. Outstanding performance of the students (Academic/curricular/and co-curricular):

Practice teaching sessions were exhaustively taken up by the students.

## 4. Organized extension camps/ community work /Webinars/ FDPs/ Workshops/ Conferences / Awareness programs/ field visit/ Educational trip

- i) Short-term certificate course (Online) "Research Methodology": 2 July – 23 July, 2024.
- ii) Faculty Development Programme on Advanced Teaching Learning Pedagogies and Strategies: 22 July to 26 July 2024.
- iii) Workshop on Teaching Learning Material (TLM) from 11th November to 16th November, 2024.
- iv) National Webinar on Transformation in Education on 06th September, 2024.
- v) National Webinar on Mental Health and Wellness for Youth on 30th September, 2024.
- vi) Guest Lecture on Exploring the Eight Limbs of Yoga: A Journey to Self-Awareness on 07th October, 2024.
- vii) Guest Lecture on Financial Awareness Program on 16th November, 2024.
- viii) National Webinar on Mahakhumbh: Ek pramukh teerth Yatra evam tyohar on 29/01/2025.
- ix) National Webinar on Bhartiya Sanskriti on 31/01/2025.
- x) National Webinar on Mental Health and Hygiene on 28/02/2025.

## 5. Achievements of faculty members:

Books/ Book Chapter published: 16

- i) "BRIDGING DIGITAL DIVIDES AND ONLINE EDUCATION; MEASURES AND FUTURE RESEARCH AGENDA". Journal of the Oriental Institute M.S. University of Baroda ISSN: 0030-5324 UGC CARE Group 1 Vol. 74, Issue. 01, No. 1, 2025 by Dr. Gyan Prakash Srivastava, Dr. Sandeepa Kaur, Prof. Ritu Chandra & Dr. Ashish Kumar Awasthi.
- ii) "AI'S IMPACT ON HOMOSAPIENS" Urban India ISSN-0970-9045 Vol 45, Issue (1), January-June 2025 UGC Care Group 1 Journal | Peer-Reviewed Journal by Dr. Gyan Prakash Srivastava, Dr. Ashish Kumar Awasthi, Prof. Ritu Chandra & Dr. Sandeepa Kaur.
- iii) "Digital Transformation and Online Education: Need and Challenges", Urban India ISSN-0970-9045 Vol 45, Issue (1), July-Dec 2024 UGC Care Group 1 Journal | Peer-Reviewed Journal. by Dr. Ashish Kumar Awasthi.
- iv) "Vocational Education: Implementation and Challenges", Urban India ISSN-0970-9045 Vol 45, Issue (1), January-June 2025 UGC Care Group 1 Journal | Peer-Reviewed Journal by Dr. Rashmi Chaturvedi.
- v) Edited Book: Shaping Minds, Shaping India: A Modern History of Education. ISBN: 978-93-48670-75-5, 1st Edition: 2025 by Dr. Gyan Prakash Srivastava.

## 6. Photographs



Educational visit



TLM Workshop

**SHRI RAMSWAROOP MEMORIAL UNIVERSITY**

**INSTITUTE OF EDUCATION AND RESEARCH**

Resource Person

**NATIONAL WEBINAR**  
On

**Transformation in Education**

Friday, 6 September 2024  
2:15 PM onwards  
Google Meeting Link:  
<https://meet.google.com/wvc-kzq-dsu?time=122&authuser=0>

**Dr. Mohd Usman**  
Assistant Professor  
M. D. College of Technology and Management

**CONVENER**  
Prof. (Dr.) Ritu Chandra  
Director, Internal Quality Assurance Cell  
Principal  
IER, SRMU

**CO-CONVENER**  
Dr. Ashish Kumar Anasua, Dr. Gyan Prakash Srivastava  
Assistant Professor  
IER, SRMU

**SHRI RAMSWAROOP MEMORIAL UNIVERSITY**

**INSTITUTE OF EDUCATION AND RESEARCH**

Guest Lecture  
on

**"Exploring the Eight Limbs of Yoga: A Journey to Self-Awareness"**  
Date: 27 October 2024 (Online)  
Time: 10:30am onwards

**Speaker:**  
Assistant Professor  
Department of Yoga Science and Naturopathy, IORR University Dehradun

**Chief Patron:** Dr. Pooja Agarwal, Pro-Chancellor, SRMU

**Chief Patron:** Dr. Pooja Agarwal, Pro-Chancellor, SRMU

**Patron:** Prof. (Dr.) Vikas Mishra, Vice-Chancellor, SRMU

**Co-convener:** Dr. Sandhya Kaur, Assistant Professor, Institute of Education and Research, SRMU



**श्री रामस्वरूप मेमोरियल विश्वविद्यालय**

परचेहर

बिज्ञा एवं अरुंसेधान संस्थान  
द्वारा आगोषित

**वेब संगोष्ठी**  
महाकुम्भ- एक प्रमुख तीर्थ यात्रा  
एवं त्योहार

दिनांक - 29 जनवरी, 2025  
समय - अपराह्न 03:00 बजे से  
स्थान : गुगल मीट

**वक्ता**

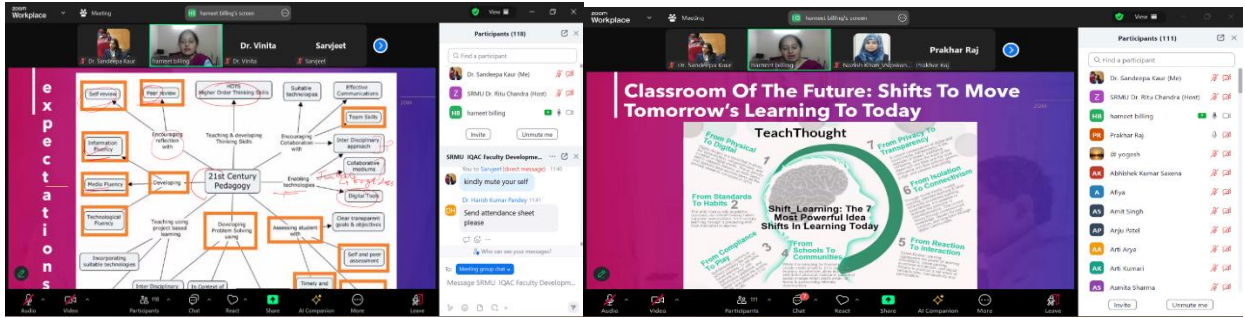
**डॉ. रश्मि सिंह**  
सहायक प्रोफेसर  
एस, एस, खज्जा गर्ल्स डिग्री कॉलेज  
इलाहाबाद विश्वविद्यालय

कुलपतिप्रति: श्री वंजल अग्रवाल  
प्रति कुलपतिप्रति: श्रीमती पूजा अग्रवाल

कुलपति प्रोफेसर (डॉ.) विकास मिश्र  
कुल सचिव प्रोफेसर (डॉ.) नीरजा शिंदल

संयोजक  
प्रमुखमहाक एक संयोजक  
डॉ. रश्मि सिंह

Guest Lecture



Faculty Development Programme



School Observation



Practice Teaching



Community Work

## Institute of Pharmacy

### 1. Introduction about the department (write up in 100 words)

Institute of Pharmacy, one of the meritorious departments of Shri Ramswaroop Memorial University, runs three programs i.e. D. Pharm, B. Pharm and Ph. D. It is soon taking one step forward for opening of PG Courses in all specializations i.e. Pharmaceutics, Pharmacology, Pharmaceutical Chemistry and Pharmacognosy. Institute possesses well qualified faculties for teaching and learning process. Institute has well equipped laboratories with well industrial-scale machinery for different disciplines. Institute is continuously thriving to bridge a gap between pharma industry and academics, regarding same guest lectures, seminars, conferences are organized on regular basis to scale up skills of students and faculties. Institute runs value-added courses for general awareness and student employability. Research collaboration and MOUs with renowned research and professional bodies have been established.

### 2. List of Programs as running in 2024-25

- i) B. Pharm
- ii) D. Pharm
- iii) Ph. D

### 3. Outstanding performance of the students (Academic/curricular/and co-curricular)

| S. No. | Name                | Branch/Year       | Academic Activity        | Non-Academic Activity   |
|--------|---------------------|-------------------|--------------------------|---|
| 1      | Shreya Agrahari     | D. Pharm 2nd Year | 1st Position In 1st Year | Active participant in University/ Department extension activities                               |
| 2      | Pinki               | D. Pharm 2nd Year | 2nd Position In 1st Year | Active participant in University/ Department extension activities                               |
| 5      | Tafazzul Hussain    | D. Pharm 2nd Year | 3rd Position In 1st Year | Active participant in University/Department extension activities                                |
| 6      | Harshit Tiwari      | D. Pharm 2nd Year |                          | Ramp walk Runner up in Kashiyaatra IIT BHU 2k24   |
| 7      | Hariom Dwivedi      | B. Pharm 1st Year |                          | Active participant in university cultural fest "Anubhuti 2k25"                                  |
| 8      | Ayanshi Awasthi     | B. Pharm 1st Year |                          | Active participant in University cultural fest "Anubhuti 2k25"                                  |
| 9      | Abhishek Singh      | B. Pharm 1st Year |                          | Active participant in University cultural fest "Anubhuti 2k25"/ Department extension activities |
| 10     | Vishal Pandey       | B. Pharm 1st Year |                          | Active participant in University cultural fest "Anubhuti 2k25"                                  |
| 11     | Om Tiwari           | B. Pharm 1st Year |                          | Active participant in University cultural fest "Anubhuti 2k25"                                  |
| 12     | Prayas Dhar Dwivedi | B. Pharm 1st Year |                          | Active participant in University cultural fest "Anubhuti 2k25"                                  |
| 13     | Aditya Srivastava   | B. Pharm 2nd Year | 1st Position In 1st Year | Active participant in University cultural fest "Anubhuti 2k25"/ Department extension activities |
| 14     | Ritika Singh        | B. Pharm 2nd Year | 2nd Position In 1st Year |   |
| 15     | Divya Gupta         | B. Pharm 2nd Year | 3rd Position In 1st Year | Active participant in University cultural fest "Anubhuti 2k25"/ Department extension activities |


|    |                   |                   |                          |  |
|----|-------------------|-------------------|--------------------------|--|
| 16 | Sahil Sharma      | B. Pharm 2nd Year |                          | Active participant in University cultural fest "Anubhuti 2k25"/ Department extension activities  |
| 17 | Shavej            | B. Pharm 2nd Year |                          | Active participant in University cultural fest "Anubhuti 2k25"/ Department extension activities  |
| 18 | Aditya Gupta      | B. Pharm 2nd Year |                          | Active participant in University cultural fest "Anubhuti 2k25"/ Department extension activities  |
| 19 | Aditya Jaiswal    | B. Pharm 2nd Year |                          | Active participant in University cultural fest "Anubhuti 2k25"/ Department extension activities & Battle winner of Lucknow dance battle by Summit Unplugged Studio   |
| 20 | Vishal Singh      | B. Pharm 3rd Year | 1st Position In 2nd Year |  |
| 21 | Shivam Kumar      | B. Pharm 3rd Year | 2nd Position In 2nd Year |  |
| 22 | Himanshu Yadav    | B. Pharm 3rd Year | 3rd Position In 2nd Year |  |
| 23 | Astha Rawat       | B. Pharm 3rd Year |                          | Active participant in University/Department activities   |
| 24 | Tanveer Ashraf    | B. Pharm 3rd Year |                          | Active participant in University/Department activities   |
| 25 | Ammenuddin Ansari | B. Pharm 3rd Year |                          | Active participant in University/ Department activities& Participated in Quiz competition on "Cervical Cancer "held on 4th February, Organized by Society of Clinical Research and Medical Professionals (SCRMP) Telangana State Chapter |
| 26 | Akash Tiwari      | B. Pharm 3rd Year |                          | Active participant in University/ Department activities& Participated in Quiz competition on "Cervical Cancer "held on 4th February, Organized by Society of Clinical Research and Medical Professionals (SCRMP) Telangana State Chapter |
| 27 | Prashant Mishra   | B. Pharm 3rd Year |                          | Active participant in University/Department activities & completed 3 years of NCC at SRMU  |
| 28 | Azad Singh        | B. Pharm 4th Year | 1st Position In 2nd Year | Active participant in University/Department activities   |
| 29 | Shruti Tiwari     | B. Pharm 4th Year | 2nd Position In 3rd Year | Active participant in University/Department activities   |
| 30 | Rishikesh Singh   | B. Pharm 4th Year | 3rd Position In 3rd Year | Active participant in University/Department activities   |
| 31 | Ankur Gupta       | B. Pharm 4th Year |                          | Active participant in University/Department activities   |
| 32 | Rahul Awasthi     | B. Pharm 4th Year |                          | Active participant in University/Department activities   |
| 33 | Aryan Chaturvedi  | B. Pharm 4th Year |                          | Active participant in University/Department activities   |





#### 4. MoU Activities

| Organization                              | Activity  | Date of MOU Signed | Activity performed                              |
|---|---|--------------------|---|
| <b>SND Regenic Pvt Ltd. Okinava Japan</b> | Research, Academic and Training                             | 23/01/2025         | Internship for student                          |
| <b>Jedux Parenteral Pvt Ltd. Lucknow</b>  | Research, Industrial visit, Workshop, Seminars and Training | 31/08/2024         | Visit was organised for the students of BPharm. |

#### 5. Organized extension camps/ community work /Webinars/ FDPs/ Workshops/ Conferences / Awareness programs/ field visit/ Educational trip

| Guest Lecture |  |                        |   |
|---------------|--|------------------------|---|
| Date          | Topic  | Guest Speaker          | Moderator   |
| 03-08-24      | "Trends in technology"   | Mr. Shailendra Mohan   | Ms. Shraddha Pandey, Mr. Zahid Hussain, Ms. Saumya Awasthi, Ms. Apurwa Singh      |
| 24/08/24      | "Intellectual property rights"   | Dr. Arpita Trivedi     | Dr. Zeba Siddhiqui, Ms. Sarita Singh, Mr. Ajeet Singh                             |
| 07-09-24      | "Interview: First impression is the last impression"                               | Mr. Abhishek K. Shukla | Prof. (Dr.) Sunil Kumar, Ms. Sushma Singh, Mr. Neeraj K. Verma, Ms. Palak Agarwal |
| 10/3/2025     | PHARMA ANVESHAN<br>"Entrepreneurship and Startups in pharma and pharmacy practice" | Dr. Saba Naqvi         | Dr. Sunil Kumar, Mr. Neeraj Kumar Verma, Ms. Sushma Singh, Ms. Geetika Mishra     |
| 18/3/2025     | "The Baby Step to fulfill the Industrial -Academic Gap".                           | Mr. Ashutosh Tiwari    | Dr. Shikha Srivastava, Ms. Pragti Singh, Ms. Geetika Mishra, Mr. Pramod Chauhan   |
| 21/2/2025     | Pharmaceutical Biotechnology: The Future of Medicine                               | Dr. Stephen KERR       | Dr. Zeba Siddiqui, Dr. Ruchi Singh, Ms. Sarita Singh, Mr. Ajeet Singh             |
| 24/04/25      | Trends in Technologies   | Dr. Suman Mujeeb       | Dr. Yasmin Khatton, Ms. Pragti Singh, Ms. Palak Agarwal, Mr. Abhishek Mishra      |

| Workshop |                                    |               |  |   |
|----------|------------------------------------|---------------|--|---|
| Date     | Topic                              | Scientist/Lab | Moderator  | Photos  |
| 10/08/24 | "Workshop on UV Spectrophotometer" | CIF Facility  | Dr. Zeba Siddhiqui, Prof. (Dr.) Yasmin Khattoon, Dr. Shikha Srivastava, Sarita Singh |  |

|                     |   |                       |  |   |
|---------------------|---|-----------------------|--|---|
| 29/08/24            | <b>"Workshop on Haematological Tests"</b>                         | Lab no: 501           | Ms. Sushma Singh, Ms. Sarita Singh, Mr. Ajeet Singh, Ms. Palak Agarwal                               |  |
| 13/09/24            | <b>"Workshop on Photometer"</b>                                   | Pharmacognosy Lab 505 | Dr. Zeba Siddhiqui, Prof. (Dr.) Sunil Kumar, Ms. Sarita Singh, Mr. Neeraj K. Verma                   |  |
| 18-19 October, 2024 | <b>In-vitro and In-silico analysis in Pharmaceutical Industry</b> | Lab no: 501           | Ms. Sarita Singh, Mr. Neeraj Kumar Verma & Mr. Shubham Goutam.                                       |  |
| 09/04/25            | <b>Workshop on herbal medicine.</b>                               | <b>Herbal Garden</b>  | Mr. Abhishek Kumar, Mr. Shubham Goutam, Mr. Pramod Chauhan, Mr. Neeraj Kumar Verma, Mr. Zahid Husain |  |

| Visits                           |   |   |   |
|----------------------------------|---|---|---|
| Date                             | Topic   | Visits  | Moderator   |
| 28/02/25-01/03/25                | Patanjali Food and Herbal Haridwar & Akums Pure and Cure. | Patanjali Food and Herbal Haridwar & Akums Pure and Cure Pvt. Ltd. Haridwar | Prof. Dr. Sunil Singh, Sarita Singh, Neeraj verma, Shivangi Sharma                              |
| 31/01/25                         | Sewage Treatment Plan [Extension activity]                | Visit to Sewage Treatment Plan, Bharwara, Lucknow                           | Mr. Anupam K Pal & Mr. Ajeet Singh  |
| 28/2/2025                        | CMAP  | Visit of B.Pharm II Year students conducted at CMAP Lab                     | Dr. Ruchi Singh, Ms. Palak Agarwal, Mr. Shubham Tiwari  |
| NGO Visits and Social Activities |   |   |   |
| Date                             | Topic   | Visits  | Moderator   |
| 09/10/24                         | Health and Hygiene Activities                             | Students conducted workshop at Apni Pathsala and distributed hygiene kit.   | Dr. Shikha Srivastav, Ms. Nimisha Singh, Mr. Abhishek, Ms. Zeba                                 |
| 28/11/24                         | Health Awareness Campaign                                 | Understanding The Importance of Maintaining A Healthy Lifestyle             | Dr. Ruchi Singh, Mr. Anupam K Pal & Mr. Ajeet Singh, Ms. Nimisha Singh, Ms. Sarita Singh        |
| 28/04/25                         | Dristhi NGO visit   | Visit to, Dristhi Samajik Sansthan, Jankipuram, Lucknow                     | Dr. Shikha Srivastav, Ms. Shraddha Pandey, Ms. Pragti Singh, Ms. Nimisha Singh, Mr. Ajeet Singh |

## 6. Achievements of faculty members

**Research:** 2 Patents, 03 Book Chapters, 01 Book and 21 Papers

**Academic:** Attended conferences and presented papers in National conferences.

**Curricular:** Faculty has done FDP, Malviya Training Program, Professional Development Program and workshops.

**Co-curricular:** Attended conferences, Conducted NGO activities. And social activities.

## 7. Patents:

|                         |   |        |                      |
|-------------------------|---|--------|----------------------|
| Mr. Pramod Chauhan      | Development of optimized drug delivery system of antidepressant drug fluoxetine hydrochloride | Patent | India patent         |
| Prof. (Dr.) Ruchi Singh | Digital Apparatus For <i>in vitro</i> evaluation of bioavailability of drugs.                 | Patent | Indian Patent Office |

## 8. Books/ Book Chapter published:

| S. No. | Name of the teacher   | Title of the book/chapters published  | Title of the paper                                 | Year of publication | ISBN/ISSN number   | Name of the publisher   |
|--------|---|---|--|---------------------|--------------------|-------------------------|
| 1      | Manju Pandey, Shikha Srivastava, Anupam K Pal, Apurwa Singh, Shraddha Pandey                        | Regulatory role of microRNA in plants during development with respect to root and shoot architecture and secondary growth | MicroRNA Advances and Application in Plant Biology | 2025                | 978-0-443-21682-4  | 2025 Elsevier Inc.      |
| 2      | Yasmin Khatoon  | "Importance of Natural Product for Modern Drug Discovery"   | Emerging Trends                                    | 2024                | 978-93-5834-954-2. | Integrated Publications |
| 3      | Dr. Trinayan Deka, Dr. Touseef Begum, Mrs. Poornima Hosamath, Dr. Zeba Siddiqui, Dr. Yasmin Khatoon | PHARMACOGNOSY AND PHYTOCHEMISTRY-I  |  | 2024                | 978-93-6175-672-6  | JEC PUBLICATION         |
| 4      | Dr. Manju Pandey, Ms. Deepika Gupta, Dr. Neelkanth M. Pujari  | Edited Book series on Molecules to Medicine   | Molecules to Medicine                              | 2024                | 10: 8197322597     | EDU PUBLISHERS          |

## 9. Research Publications:

| S. No. | Title of paper   | Name of the author/s                     | Name of journal                           | Year of publication | Impact factor |
|--------|--|--|---|---------------------|---------------|
| 1      | Role of alpha-7 nicotinic acetylcholine receptors down-regulation in cyclic nucleotide reduction in memory-related brain regions of Alzheimer's rats | Sushma Singh, Neetu Agrawal, Ahsas Goyal | Journal of Applied Pharmaceutical Science | 2024                | 1.68          |

|    |  |   |   |      |                                |
|----|--|---|---|------|--------------------------------|
| 2  | Unveiling the role of luteolin as a promising bioactive for wound healing  | Sandeep Prakash, Akash Ved, Shikha Srivastava   | Pharmacological Research - Natural Products                     | 2025 | Scopus Indexed                 |
| 3  | Mechanistic role of proteins and peptides in Management of Neurodegenerative Disorders   | Saumya Awasthi, Prafulla Chandra Tiwari, Srishti Awasthi, Arpit Dwivedi, Shikha Srivastava  | Neuropeptides   | 2025 | 2.4                            |
| 4  | Natural Extract-Loaded Herbal Patches: Assessment for Biomedical Application   | Shaheen Ansari, Pragya, Sikha Srivastava, Poonam Parashar   | Recent Advances in Drug Delivery and Formulation,               | 2025 | Scopus Indexed/ 1.8 Cite score |
| 5  | Pharmaceutical Nanotechnology: Advances in overcoming Drug Solubility and Bioavailability Challenges                             | Aditi Singh, Shikha Srivastava, Brijesh Singh, Shaweta Sharma   | International Journal of Pharma Professional's Research         | 2025 | -                              |
| 5  | Skin Cancer: An Insight on its Association with Aging, Pathogenesis and Treatment Strategies                                     | Divya Sharma, Nikhil Singh, Shikha Srivastava   | Current Drug Research Reviews                                   | 2024 | 1.144                          |
| 6  | Guggul: Potency and Mechanistic Insight for Tremendous Therapeutic Benefit   | Shikha Srivastava   | Current Traditional Medicine                                    | 2024 | 0.6                            |
| 7  | Tailoring Methotrexate for Precision Cancer Therapy: Synthesis, Characterization, and Anti-Cancer Profiling of Novel Analogues   | Rahul Subhash Buchade, Krishna Chandra Panda, Yasmin Khatoon, Touseef Begum, Vineet Joshi, Yogesh Baban Zambare, R Senthilraj, Jisha Joseph | NATURALISTA CAMPANO   | 2024 | Web of science                 |
| 8  | Development and evaluation of granisetron transdermal patches for supportive therapy of chemotherapy induced nausea and vomiting | Yasmin Khatoon  | Bulletin of Pure and Applied Sciences Zoology (Animal Science), | 2024 | 6.99 (Cosmos)                  |
| 9  | Formulation and characterization of sacituzumab-loaded chitosan nanoparticles via ionotropic gelation for enhanced drug delivery | Yasmin Khatoon  | Bulletin of Pure and Applied Sciences Zoology (Animal Science), | 2024 | 6.99 (Cosmos)                  |
| 10 | Molecular Targets for the Novel Therapies of Inflammation and Wound Care   | Palak Agrawal <sup>1</sup> *, Sushma Singh, Nimisha Singh, Geetika Mishra, Maandvi Sharma   | Journal of Pharmaceutical Care                                  | 2024 | DOAJ                           |
| 11 | Formulation and Evaluation of Kaemferol Containing Solid Dispersion for Oral Delivery  | Mrynal Chamoli, Rajesh R. Patil, Shashi Kiran, Deepak Prashar, Yasmin Khatoon, D. Ramarao, Radheshyam Samanta, Mahesh Kumar Posa            | Nanotechnology Perceptions                                      | 2024 | 0.11                           |

|    |   |  |  |                |                     |
|----|---|--|--|----------------|---------------------|
| 12 | Phytochemical Investigation and Anti-Arthritis Potential of Ficus Elastica in Experimental Animals  | Yasmin Khatoon   | Nanotechnology Perceptions                         | 2024           | 0.11                |
| 13 | Nephroprotective potential of terminalia arjuna against cadmium-induced renal toxicity by in-vitro study  | Yasmin Khatoon   | J. Exp. Zool. India                                | 2025           | Web of Science      |
| 14 | Exploring the renal disposition and redox mechanisms of 2-mercaptoethane sulfonate for chemoprotection and homocysteine reduction                           | Yasmin Khatoon   | J. Exp. Zool. India                                | 2025           | Web of Science      |
| 15 | Nanosponge Drug Delivery Systems: Advances, Applications, and Challenges  | Harshit Srivastava, Dr. Manju Pandey, Ms. Sarita Singh   | YMER   | August 2024    | 5.7                 |
| 16 | A Review On Nanosponges: A Revolutionizing Drug Delivery System.  | Harshit Srivastava, Vivek Kumar Pandey, Dr. Manju Pandey, Ms. Sarita Singh                                     | Journal of pharmaceutical analysis                 | 21/09/24       | 6.1                 |
| 17 | The therapeutic potential of herbal-infused microneedle formulations and their pivotal role in disease treatment  | Ms. Sarita Singh, Vivek Kumar Pandey and Dr. Manju Pandey  | Annals of phytomedicine                            | July 2024      | 1.7                 |
| 18 | Evaluation of inhibitory potential of the flavonoid-rich fraction of Myrica esculenta Buch.-Ham. ex D. Don against DSS-induced colonic inflammation in mice | Monika Joshi, Dr. Manju Pandey   | Pharmacological Research - Modern Chinese Medicine | 5 October 2024 | 1                   |
| 19 | Green Synthesis And Phytochemical Analysis Of A Polyherbal Formulation For Diabetes Mellitus  | Anasuya Patil, Akansha Bisht, Surinder Kumar, Ruchi Singh, Samiuddin, Narendar Bhojak                          | Journal of Neonatal surgery                        | June 2025      | Scopus indexed 0.16 |
| 20 | Anti-Diabetic Effect of Gymnema Sylvestre On Streptozotocin-Induced Diabetic Rats   | Ankita Singh, Divaker Shukla, Ruchi Singh, Nitish Bhatia, Pramod Kumar, Sazedur Rahman Akanda, Narendar Bhojak | Journal of Neonatal surgery                        | May 2025       | Scopus indexed 0.16 |
| 21 | Phytochemical Identification and Isolation of active constituents of <i>Curcuma longa</i> and <i>Solanum nigrum</i>   | Neeraj K Verma, Prof. Manju Pandey, Raghvendra K Yadav   | African Journal of Biological Sciences             | 2024           |                     |

#### 10. Honor/Award/ Recognition

- Ms. Sarita Singh, Research Excellence Award, 15<sup>th</sup> August' 2024
- Ms. Sarita Singh, Teaching and Innovation Award, 15<sup>th</sup> August' 2024
- Ms. Saumya Awasthi, BIGGEST INTERNATIONAL RESEARCH STAR AWARD, Dec'24
- Ms. Sushma Singh, INTERNATIONAL BEST RESEARCHER AWARD. Dec'24
- Ms. Sushma Singh, Secured third position in 4th edition of iC2IS, Scintia Research Foundation, April'2025.



# Institute of Diploma Studies

## 1. Introduction about the department:

SRMU Polytechnic, formerly known as the *Institute of Diploma Studies*, was established in the academic year 2015-16. The first batch began on **18th July 2015** with **415 students** and **22 faculty members**. It offers diploma programs in **Civil, Mechanical (Automobile and Production), Electrical, Electronic and Communication, Biomedical and Computer Science Engineering**, focusing on hands-on learning and industry exposure. With modern labs, workshops, and technical events, polytechnic fosters both academic and personal growth. Guided by the motto **“Polytechnic – In Pursuit with Excellence,”** SRMU Polytechnic aims to equip students with the skills, values, and adaptability required to thrive in today’s competitive world.

## 2. List of Programs running in 2024-25:

- i) Diploma in Civil Engineering
- ii) Diploma in Mechanical Engineering (Automobile)
- iii) Diploma in Mechanical Engineering (Production)
- iv) Diploma in Computer Science and Engineering
- v) Diploma in Electrical Engineering

## 3. Outstanding performance of the students (Academic/curricular/and co-curricular):

Abhay Yadav Dip ME 2<sup>nd</sup> Year has developed a Car Prototype which works on gesture, Voice Command and Manual Model.

## 4. MoU Activities:

MoU was signed between Shri Ramswaroop Memorial University and Tata Motors Ltd Lucknow on 17 November 2021 for the period of five years for imparting Diploma in Mechanical Engineering to their own employees having 10+ITI qualifications.

Another MoU has also been signed with Tata Motors Ltd. On 15<sup>th</sup> May 2025 for imparting training of Diploma in Mechatronics Engineering.

## 5. Organized extension camps/ community work /Webinars/ FDPs/ Workshops/ Conferences / Awareness programs/ field visit/ Educational trip:

- i) Guest lecture on “Future Scope and to be Entrepreneur in the field of Solar Energy and LED Lights” delivering to the students of Dip ME& EE 2<sup>nd</sup> and 3<sup>rd</sup> year by Er. Abhinav Srivastava, MD Production, Marshaling Solutions Pvt. Ltd., Lucknow on 11 Sep 2024.
- ii) Workshop on “REVIT and BIM” conducted on September 25, 2024 at SRMU and Polytechnic attended.
- iii) Workshop on “Full Stack Development” conducted on September 26, 2024 at SRMU and Polytechnic attended.
- iv) Industrial Visit was conducted on 26 Sep 2024 in “GOBIND INDUSTRIES PVT. LTD” which is leading company in manufacturing of farm Machinery & Implements in comfortable price & range for diploma ME 2<sup>nd</sup> & 3<sup>rd</sup> Year and Dip EE 3<sup>rd</sup> Year.
- v) Industrial Visit: Dip CS & 3<sup>rd</sup> year visited on 7<sup>th</sup> March, 2025 at ‘Software Training Park of India’.
- vi) Industrial Visit was conducted on 27 March 2025 in “High-Rise Building Construction”: Techniques & Challenges for diploma CE 2<sup>nd</sup> & 3<sup>rd</sup> Year.

## 6. Achievements of faculty members

### a) Research:

- **Rohit Singh**, Utilizing Diesel and Neem Biofuel Mixes to Lower Exhaust Releases in CI Engines by Including Carbon Nanotubes, Vol 6, June 2025.

### b) Academic:

- INDO-REBIS Ltd. organized a workshop at BABIAN-INN in Lucknow on July 11, 2023. The Chief Guest was Mr. K. V. Raju, the Economic Advisor to the Chief Minister of Uttar Pradesh. Mr. Krishna

Nandan introduced a new Plasma technology for managing Municipal Solid Waste (MSW). Mr. Shreya Pratap Dip ME 3<sup>rd</sup> year presented project prototypes of drones and discussed ongoing projects.

**c) Co-curricular**

- Swastik Mishra Dip CS 3<sup>rd</sup> Year Shines at Pizilio Models Showcase Headquarters Lucknow on 25 January, 2025.
- Swastik Mishra (Diploma CS 3rd Year) Secures 8th Place in Chess Cup 2024 – A Strategic Win at Chess Club Black & White, Lucknow.

**7. Patents:**

A Portable System for Transesterification Process for Biodiesel Production

**8. Books/ Book Chapter published:**

Mr. Rohit Singh, Lecturer ME written a Book Chapter titled "Technology Transformation in Sustainable Finance," has been published in the book "Adapting to Newer Age" and published by “Nitya Publications”.

**9. Honor/Award/ Recognition-**

Mr. Arpit Maheshwari, Lecturer EEE honored with “Teaching Learning Innovation” Award in SRMU University.

**10. Photographs**



Industrial Visit



Guest Lecture



MOU for collaboration with SRMU for Diploma in Mechatronics Engineering on 15<sup>th</sup> May, 2025



Visuals: Classes in Progress at Tata Motors



Visuals Farewell of Passing out Diploma Batch Organized on 03 May 2025



Holi celebrations was conducted by 'Polytechnic' for all the faculty members/staff on 12 March, 2025.

## Institute of Pharmaceutical Sciences

1. **Name of the Institute:** Institute of Pharmaceutical Sciences
2. **List of Programs running in 2024-25:** B. Pharm, and D. Pharm
3. **Outstanding performance of the students (Academic/curricular/and co-curricular):**  
100% pass percentage of D. Pharm final year students.
4. **Organized extension camps/ community work /Webinars/ FDPs/ Workshops/ Conferences/ Awareness programs/ field visit/ Educational trip.**
  - a) Seminar/Workshop/Conferences Organized/conducted By Faculty/Institute:

| S. No. | Name of the coordinator | Title   | Date                    | Whether International/ State/ National/ Regional/ University level |
|--------|-------------------------|---|-------------------------|--|
| 1      | Amit Kumar              | Advanced research methodology in neuroscience.                  | 11/11/2025              | International  |
| 2      | Amit Kumar              | Global Pharma Vision 2040 innovation, sustainability and access | 24/02/2025 - 25/02/2025 | International conference   |

- b) Training/Guest Lecture/Webinar/Orientation courses/Field visit/Industrial Tour Organized by Faculty/Institute

| S. No. | Title   | Date       |
|--------|---|------------|
| 1.     | Unveiling the secrets of the urinary tract        | 18/03/2025 |
| 2.     | Exploring the sciences of suspension and emulsion | 10/03/2025 |
| 3.     | Understanding hypertension empowering your health | 27/01/2025 |

5. **Books/ Book Chapter published By Faculty/Institute**

| S. No. | Name of Faculty            | Book Title               |
|--------|----------------------------|--------------------------|
| 1-     | Dr. Amit Kumar             | Genetic Disorder         |
| 2-     | Mr. Raghvendra Kumar Yadav | Musculoskeletal Disorder |

## Central Library

A library is an enormous collection of sources of information and similar resources, selected by experts and made accessible to a defined community for reference or borrowing. It provides physical or digital access to reading materials. Shri Ramswaroop Memorial University consists of 06 libraries (01 central library, 03 departmental libraries and 02 hostel libraries) and is accomplishing its task of reaching to wider academic communities. SRMU Library has advanced its web activities with the subscription of many high-quality electronic databases being made available through campus network to faculty members, students and research scholars. The library is also promoting Open Access of e-resources. It is fully air-conditioned with Wi-Fi, CCTV cameras enabled and 24x7 remote access to the e-collection. The library continuously endeavours to further improve its efforts to facilitate right information to the right user at the right time.

### Library Collection (Central Library and Departmental Libraries):

| S. No. | Particulars              | Library Collection (Till 30 <sup>th</sup> June 2024) | Quantity Added (from 1 <sup>st</sup> July 2023 to 30 <sup>th</sup> June 2025) | Total |
|--------|--------------------------|--|---|-------|
| 1.     | Books                    | 37964  | 1225  | 39189 |
| 2.     | Gifted Books             | 2822   | 313   | 3135  |
| 3.     | Print Journals (Renewed) | 121  | 01  | 122   |
| 4.     | Magazines (Renewed)      | 24   | 24  | 24    |
| 5.     | Newspapers (Renewed)     | 14   | 14  | 14    |
| 6.     | eBooks (Renewed)         | 24331  | 20837   | 20837 |
| 7.     | E-journals (Renewed)     | 2090   | 2090  | 2090  |
| 8.     | Dissertations/Projects   | 3664   | 12  | 3676  |
| 9.     | Ph.D. Thesis             | 156  | 29  | 185   |
| 10.    | CDs/DVDs                 | 1543   | Nil   | 1543  |

### Digital initiatives of the library:

- Renewed Subscription of online databases i.e., IEEE, ASPP, EBSCO, Manupatra and LexisAdvance-India
- Remote accessibility of subscribed online databases as well as open access resources
- Remote availability of University question papers and syllabuses through WebOPAC
- Renewed Membership of DELNET and IIM Lucknow
- Renewed subscription of eBooks and E-journals
- Lifetime membership of Current Science Association
- Accessibility of National Digital Library of India (NDLI).

### Activities and Achievements:

- Remote Access Facility.
- Open Access Online Platform.
- Online User Orientation Programme for all Databases.
- Accessibility of online question papers via SRMU OAER Repository (<http://elibrary.srmu.ac.in:8999/opac-tmpl/srmuoer/>).
- Book Exhibition
- Library Advisory Committee
- Maa Sarasvati Pooja

# Director Student Welfare

## 1. Proctorial Board Report

No incident of Ragging was reported to the Portal or on personal basis hence, no action of Anti Ragging Committee.

In session 2024-25, total 10 incidences of indiscipline were reported wherein 4 were of minor nature involving 8 students and 5 cases were of major type involving 6 students, while one case involving 06 students was reported to the police. In 4 minor cases, verbal warning and counselling of 8 involved students is done while in other 5 major cases written warning letters along with some financial punitive action being initiated as per the degree of indiscipline on 6 involved students. In the case where police got involved due to involvement of some outside miscreant's strong action is being initiated leading to 2 out of total 6 students. In the above-mentioned 10 cases of indiscipline, the suspension of 04 students from the academics was revoked after getting affidavits from them stating that they will never indulge in such activities. No students were expelled from the university in the said session. No incident of Ragging was reported to the Portal or on personal basis hence, no action of Anti Ragging Committee.

## 2. Hostels (Boys & Girls Report

In the session 2024-25, various cultural and sports activities were organized. These events were designed to encourage active student participation, promote physical fitness, enhance cultural awareness, and build a strong sense of community within the hostel. The activities were coordinated by the hostel's cultural and sports committees under the guidance of hostel authorities.

A total 40 cultural, recreational and sports events were conducted in both girls and boys hostel during this session such as Janmashtami , Flash Mob , Hostel Fresher's , Speech & Debate Competition , Talent show , DJ Night , Talent Hunt, Deepawali & Dandiya Night , Blood Donation , Rangotsav, Group Quiz, Ethnic Fashion Walk, Lecture on general Security (Related Laws & Online Complaint Portals) , Saraswati Pooja , Hostel Farewell Party, Volleyball Completion, Indoor Game (Carrom Chess & Table Tennis), Basketball Completion, Volleyball Competition SRMU VS Amity , Intra Hostel Tug Of War , Badminton Competition.

Total 28 incidences of indiscipline in both the hostels during this academic session, wherein 04 students were expelled from Hostels due to some serious disciplinary issue, while 22 students were suspended from the hostel for different duration while on 49 hostel residents, financial punishment in terms of fine being charged which got deposited in the Student Welfare Fund.

## 3. Student Welfare Fund Report

The student welfare fund committee met twice for the session 2024-25 which was held on 11<sup>th</sup> November 2024 and 7<sup>th</sup> May 2025. The Committee received around 200 applications but found 70 applications were found suitable to consider for welfare funds i.e. almost 35% beneficiary wherein a total of Rs. 8,80,000/- (Rs. 4,90,000/- and Rs. 3,90,000/-) being disbursed in the two meetings.

## 4. University Student Senate Report

Announcement of dates of Nomination and Election of Class Representative (CRs), Institute Representative (IRs), Office Bearers and Nominated Members was made on 3<sup>rd</sup> August 2024.

The Class Representative's election have been successfully conducted on during 27<sup>th</sup> - 28<sup>th</sup> August 2024 with 178 CRs being elected/unopposed from all Institutes, while selection for University Student Senate 40 IRs and 10 Nominated Members during 4<sup>th</sup> – 6<sup>th</sup> September 2024 and 7<sup>th</sup> September 2024 respectively while for 4 Office Bearers on 14<sup>th</sup> September 2024.

Badge Giving and Oath Taking Ceremony was held on 24<sup>th</sup> September 2024 with Hon'ble Vice Chancellor, Registrar and Directors/Deans.

Meetings of IRs and Nominated Members were held on 30<sup>th</sup> October 2024 to finalize the agenda points for the 1<sup>st</sup> meeting with University Authorities. A total of 19 agenda points from Senate side was handed over by the Convener and Secretary of Senate to the Director Student Welfare

Meeting with all senate Members and University Authorities headed by Vice Chancellor was held on 3<sup>rd</sup> December 2024 wherein Action Taken Report on the given 11 agenda points were presented by the Dy. Registrar Academics and senate was satisfied with the action initiated by the University.

Meetings of IRs and Nominated Members were held on 27<sup>th</sup> February 2025 to finalize the agenda points for the 2<sup>nd</sup> meeting with University Authorities. A total of 22 agenda points from Senate side was handed over by the Convener and Secretary of Senate to the Director Student Welfare

2<sup>nd</sup> Meeting with Senate Members was held on 17<sup>th</sup> May 2025 where Dy. Reg. Academics have presented the Action Taken Report and meeting was concluded with the Certificates distribution by Hon'ble Vice Chancellor, Registrar and Controller of examination while Director-Student welfare proposed the vote of thanks.

#### **5. Student Grievance Redressal Committee:**

In the current academic session 2024-25, a total of 194 ONLINE grievances were raised by the students from various departments across the University. Among those, maximum 67 grievances were raised against the Registrar's office relating to their roll no generation, degree and scholarship related issues while 37 issues were related to subject tagging and selection of elective subjects etc. which were resolved by the ERP cell and departments in stipulated time. 23 grievances is related to the Accounts Office which was related to payment and fee related issues while 32 exam related issues were raised by the students relating to their enrollment, carryover form etc. Other miscellaneous issues have 35 grievances. As a matter of policy, the university administration is committed to resolve these grievances within 2 to 3 working days, and remedial actions were also initiated immediately. It has started giving us dividends as we have seen almost 65% decline in grievances received against the total student admitted from session 2023-24.

## Research & Consultancy Cell

The Research & Consultancy Cell (R&C Cell) at Shri Ramswaroop Memorial University (SRMU) was established in the academic year 2012–13 with a mission to foster innovation, research, consultancy, and extension services. Rooted in the national vision of *Atmanirbhar Bharat*—as articulated by the Hon'ble Prime Minister of India—the R&C Cell seeks to advance academic excellence while addressing societal needs, especially focusing on the development of rural communities.

With an aim to create a dynamic research ecosystem, the University has implemented comprehensive and well-drafted research policies, approved by the competent authorities. These policies promote a holistic and sustainable research culture across all disciplines. Over the years, SRMU has witnessed a steady and significant increase in high-quality research outputs evidenced by publications in reputed national and international journals, presentations in global conferences, and the filing of national and international patents. Notably, the University has also made its mark in consultancy projects, extension activities, and collaborative research with academic institutions, industries, and R&D labs across India.

Faculty members and research scholars from SRMU have actively participated in national and international seminars, symposia, and conferences, where they have received accolades and recognition for their research excellence. These achievements have been formally appreciated and rewarded by the University's leadership, reinforcing a culture of scholarly excellence and recognition. The R&C Cell also conducts regular workshops, capacity-building programs, and Quality Improvement Programs (QIPs) to nurture a vibrant research culture. These initiatives help sensitize and encourage young researchers and faculty members to undertake high-quality, ethical, and impactful research.

### **IPR Cell and Innovation Support**

To support innovation and protect intellectual property, SRMU has established a dedicated Intellectual Property Rights (IPR) Cell. The IPR Cell operates under a well-framed IPR Policy and provides guidance and assistance to students, scholars, and faculty members on matters related to patent filing, copyrights, and trademarks. The IPR Cell also organizes seminars, expert talks, and a flagship 2 to 5 days workshop annually to raise awareness and build capacity in the domain of intellectual property.

### **Doctoral Programs and Research Excellence**

SRMU conducts its *Doctoral Research Programs* in accordance with UGC guidelines across a wide range of disciplines. The growing number of research scholars enrolling each year reflects the University's commitment to research excellence. The academic output includes publications in high-impact factor journals indexed in SCOPUS, SCI/WoS, and UGC-CARE, as well as contributions through patents, copyrights, government-sponsored research projects, and knowledge dissemination via conferences and seminars. The University strictly adheres to academic and research ethics, integrity, and transparency, thereby upholding the highest standards in scholarly work.

### **Center for Multidisciplinary Research and Advanced Studies**

In response to the rapidly evolving technological landscape and in alignment with the National Education Policy (NEP-2020), SRMU has established the *Center for Multidisciplinary Research and Advanced Studies*. The Center aims to foster interdisciplinary collaboration, encourage innovation across domains, and address complex societal and industrial challenges. The University envisions becoming a hub for advanced research and development that meets both local and global demands.

Currently, the Center offers Ph.D. programs in the following emerging and strategic areas/fields:

- Energy Studies
- Environmental Sciences
- Disaster Management
- Electric Vehicles
- Biomedical Sciences & Alternative Medicine
- Cyber Security Systems
- Artificial Intelligence/Machine Learning (AI/ML)
- Criminology

## Commitment Towards Vision 2047 – Viksit Bharat

SRMU is aligned with the national aspiration of *Viksit Bharat @2047*, aiming to contribute towards making India a global knowledge superpower by its centenary of independence. Through its proactive research culture, innovation-driven mindset, and commitment to social impact, the University envisions playing a pivotal role in nation-building. By nurturing talent, encouraging problem-solving, and promoting indigenous innovations, SRMU strives to prepare the next generation of thought leaders, scientists, entrepreneurs, and policymakers who will help shape a self-reliant, technologically advanced, and inclusive India by 2047.

**The summary of research output of the University in the session 2024-25 is given below:**

### 1. Details of Research Publication in Journals

| S. No | Institute/Department                                 | No. of Journal papers |
|-------|--|-----------------------|
| 1.    | Department of Computer Science Engineering           | 35                    |
| 2.    | Department of Computer Science & Information Systems | 05                    |
| 3.    | Institute of Bio-Sciences and Technology             | 45                    |
| 4.    | Faculty of Chemical Sciences                         | 02                    |
| 5.    | Faculty of Civil Engineering                         | 11                    |
| 6.    | Department of Electrical & Electronics Engineering   | 23                    |
| 7.    | Faculty of Humanities & Social Sciences              | 39                    |
| 8.    | Institute of Management, Commerce & Economics        | 24                    |
| 9.    | Institute of Media Studies                           | 17                    |
| 10.   | Faculty of Mathematical & Statistical Sciences       | 21                    |
| 11.   | Faculty of Physical Sciences                         | 06                    |
| 12.   | Faculty of Mechanical Engineering                    | 06                    |
| 13.   | Institute of Agricultural Science & Technology       | 07                    |
| 14.   | Institute of Education & Research                    | 09                    |
| 15.   | Institute of Polytechnic                             | 05                    |
| 16.   | Institute of Pharmacy                                | 22                    |
| 17.   | Institute of Legal Studies                           | 05                    |
|       | <b>Total</b>   | <b>282</b>            |

### 2. Details of Publication in Conferences

| S. No. | Institute/Department                                 | No. of Conference papers |
|--------|--|--------------------------|
| 1.     | Institute of Biosciences and Technology              | 05                       |
| 2.     | Institute of Pharmacy                                | 07                       |
| 3.     | Institute of Legal Studies                           | 20                       |
| 4.     | Institute of Polytechnic                             | 01                       |
| 5.     | Department of Computer Science & Information Systems | 04                       |
| 6.     | Department of Computer Science Engineering           | 16                       |
| 7.     | Faculty of Physical Sciences                         | 03                       |
| 8.     | Institute of Management, Commerce & Economics        | 16                       |
| 9.     | Institute of Education & Research                    | 04                       |
| 10.    | Faculty of Humanities & Social Sciences              | 20                       |
|        | <b>Total</b>   | <b>96</b>                |

### 3. Details of Book/Book Chapters

| S. No. | Institute/Department                                 | No. of Book/Book Chapter |
|--------|--|--------------------------|
| 1.     | Department of Computer Science Engineering           | 10                       |
| 2.     | Department of Computer Science & Information Systems | 06                       |
| 3.     | Institute of Bio-Sciences and Technology             | 38                       |
| 4.     | Faculty of Chemical Sciences                         | 05                       |
| 5.     | Faculty of Civil Engineering                         | 01                       |

|     |  |            |
|-----|--|------------|
| 6.  | Department of Electrical & Electronics Engineering | 03         |
| 7.  | Faculty of Humanities & Social Sciences            | 21         |
| 8.  | Institute of Management, Commerce & Economics      | 32         |
| 9.  | Institute of Agricultural Science & Technology     | 07         |
| 10. | Institute of Education & Research                  | 07         |
| 11. | Institute of Pharmacy                              | 06         |
| 12. | Institute of Legal Studies                         | 17         |
| 13. | Institute of Media Studies                         | 05         |
| 14. | Faculty of Physical Sciences                       | 04         |
| 15. | Faculty of Mathematical & Statistical Sciences     | 02         |
|     | <b>Total</b>                                       | <b>164</b> |

#### 4. Details of Project Applied/Sanctioned

| S. No | Institute/ Department                          | No. of Project Applied/Sanctioned |
|-------|--|-----------------------------------|
| 1.    | Faculty of Civil Engineering                   | 01                                |
| 2.    | Faculty of Physical Sciences                   | 01                                |
| 3.    | Institute of Bio-Sciences and Technology       | 05                                |
| 4.    | Department of Computer Science Engineering     | 01                                |
| 5.    | Faculty of Mathematical & Statistical Sciences | 04                                |
|       | <b>Total</b>                                   | <b>12</b>                         |

#### 5. Details of Patent Published/Granted

| S. No | Institute/Department                                 | No. of Patents |
|-------|--|----------------|
| 1.    | Faculty of Chemical Sciences                         | 01             |
| 2.    | Institute of Agricultural Science & Technology       | 01             |
| 3.    | Department of Electrical & Electronics Engineering   | 12             |
| 4.    | Faculty of Civil Engineering                         | 02             |
| 5.    | Institute of Pharmacy                                | 03             |
| 6.    | Institute of Legal Studies                           | 01             |
| 7.    | Faculty of Mechanical Engineering                    | 01             |
| 8.    | Department of Computer Science & Information Systems | 08             |
| 9.    | Institute of Bio-Sciences and Technology             | 07             |
| 10.   | Department of Computer Science Engineering           | 10             |
| 11.   | Faculty of Mathematical & Statistical Sciences       | 04             |
|       | <b>Total</b>   | <b>50</b>      |

#### 6. Details of Webinar/Seminar/Workshop Conducted

| S. No | Institute/Department                               | No. of Webinars/ Seminar/ Workshop |
|-------|--|------------------------------------|
| 1.    | Faculty of Civil Engineering                       | 02                                 |
| 2.    | Institute of Bio-Sciences and Technology           | 18                                 |
| 3.    | Department of Electrical & Electronics Engineering | 10                                 |
| 4.    | Faculty of Humanities & Social Sciences            | 07                                 |
| 5.    | Institute of Management, Commerce & Economics      | 07                                 |
| 6.    | Faculty of Mathematical & Statistical Sciences     | 06                                 |
| 7.    | Institute of Agricultural Science & Technology     | 02                                 |
| 8.    | Institute of Education and Research                | 10                                 |

|     |                                   |           |
|-----|-----------------------------------|-----------|
| 9.  | Institute of Pharmacy             | 24        |
| 10. | Faculty of Mechanical Engineering | 03        |
| 11. | Faculty of Physical Sciences      | 04        |
| 12. | Institute of Legal Studies        | 04        |
|     | <b>Total</b>                      | <b>97</b> |

#### 7. Details of National/International Conference Organized

| S. No | Institute/Department                               | No. of Conference Organized |
|-------|--|-----------------------------|
| 1.    | Faculty of Civil Engineering                       | 01                          |
| 2.    | Institute of Bio-Sciences and Technology           | 01                          |
| 3.    | Institute of Legal Studies                         | 01                          |
| 4.    | Faculty of Chemical Sciences                       | 01                          |
| 5.    | Faculty of Physical Sciences                       | 01                          |
| 6.    | Faculty of Mathematical & Statistical Sciences     | 01                          |
| 7.    | Institute of Management, Commerce & Economics      | 01                          |
| 8.    | Institute of Education and Research                | 01                          |
| 9.    | Institute of Pharmacy                              | 02                          |
| 10.   | Department of Electrical & Electronics Engineering | 01                          |
|       | <b>Total</b>                                       | <b>11</b>                   |

#### 8. Details of Copyrights

| S. No | Institute/Department         | No. of Copyrights |
|-------|------------------------------|-------------------|
| 1.    | Faculty of Chemical Sciences | 05                |
|       | <b>Total</b>                 | <b>05</b>         |

#### 09. Details of Consultancy: 03 by IMCE

#### 10. Detail of Ph.D. Awarded in 2024-25

Total 38 PhD scholars from various institutes have successfully defended their Ph.D. thesis in the open house Ph.D. thesis defense and *Viva-Voce* examination. The details of the students are as:

| Sr. No. | Name of the Faculty/Institute   | Name of PhD Scholars/Reg. No.           | Name of Supervisors   | Title of the Thesis   | Date of Open House Thesis Defense |
|---------|---|---|---|---|-----------------------------------|
| 01      | Institute of Biosciences and Technology / Faculty of Biotechnology                          | Ms. Shivani Singh<br>(2018109020000 03) | Dr. Tabish Qidwai (Internal) Dr. Sachidanand Singh (External) | Molecular Interactions and Docking Studies of The Phytochemical Constituents of <i>Schleichera oleosa</i> Against Therapeutic Targets of Rheumatoid Arthritis | 24.07.2024                        |
| 02      | Institute of Natural Sciences & Humanities / Faculty of Mathematical & Statistical Sciences | Mr. Arun Dubey<br>(2020102030000 01)    | Dr. Dilip Kumar Jaiswal                                       | Study of Contaminant Transport through Porous Medium with Variable Advection and Dispersion Coefficients  | 29.07.2024                        |
| 03      | Institute of Natural Sciences & Humanities / Faculty of Humanities and Social Sciences      | Ms. Tripti Yadav<br>(2016102040000 01)  | Dr. Amar Pal Singh  | Changing Patterns of Agencies of Socialization and its Impact on Social Relationships   | 05.08.2024                        |

|    |   |   |  |  |            |
|----|---|---|--|--|------------|
| 04 | Institute of Biosciences and  | Ms. Deepti Singh (2017109020000)                  | Dr. Neeraj Gupta   | Microbial Laccase: Production, Optimization, Partial Purification  | 16.08.2024 |
| 05 | Institute of Technology / Faculty of Computer Science & Engineering                         | Ms. Nidhi Tiwari (2020101010000 03)               | Dr. Bineet Kumar Gupta   | Developing Novel Medicinal Plant Detection System Using Convolutional Neural Network   | 13.09.2024 |
| 06 | Institute of Natural Sciences & Humanities / Faculty of Mathematical & Statistical Sciences | Mr. Rama Nand Mishra (2019102030000 02)           | Dr. Akhilesh Kumar Mishra (Supervisor)<br>Prof. (Dr.) Kulbhushan Singh (Co-Supervisor) | Problems on Birkhoff Interpolation and Extrapolation Using Spline Function Interpolants  | 14.09.2024 |
| 07 | Institute of Management, Commerce and Economics   | Ms. Mugdha Relan (2019107020000 06)               | Dr. Manoj Kumar  | A Study on Digitalized Bancassurance Model and Policyholder's Satisfaction   | 25.09.2024 |
| 08 | Institute of Legal Studies  | Mr. Pradeep Kumar Rai (2020103010000 15)          | Prof. (Dr. ) Rohit P. Shabran  | Impact Analysis of Laws and Regulatory Measures in Mitigating Cyber Risk in Indian Financial System  | 05.10.2024 |
| 09 | Institute of Legal Studies  | Ms. Medha Tiwari (2020103010000 12)               | Prof. (Dr.) Rohit P. Shabran   | Freedom of Speech and Expression with Special Reference to Social Media Intermediaries: Legal Issues and Challenges  | 10.10.2024 |
| 10 | Institute of Legal Studies  | Ms. Ritu Goel (2020103010000 14)                  | Prof. (Dr.) Rohit P. Shabran   | Protection against Custodial Crimes in India with Special Reference to Uttar Pradesh   | 10.10.2024 |
| 11 | Institute of Media Studies  | Mr. Suyash Mishra (2020104010000 02)              | Dr. Mili Singh   | कोरोना काल में उच्च शिक्षा के विकास में सूचना, संचार एवं प्रौद्योगिकी की भूमिका का अध्ययन (लखनऊ स्थित सरकारी एवं निजी विश्वविद्यालयों के विशेष संदर्भ में) | 18.10.2024 |
| 12 | Institute of Legal Studies  | Mr. Anshuvendra Mohan Jayaswal (2019103010000 05) | Dr. Mahendra Kumar   | An Absolute Liability in India with Special Reference to Industrial Damages  | 19.10.2024 |
| 13 | Institute of Biosciences and Technology / Faculty of Biotechnology                          | Ms. Kavita Srivastava (2020109020000 01)          | Dr. Tanvi Jain (Internal)<br>Prof. Dr. Lily Srivastava (External)                      | Medico-Legal and Ethical Study of Stem Cell Research in India: A Comparative Study with Foreign Countries  | 26.10.2024 |
| 14 | Institute of Biosciences & Technology / Faculty of Biosciences                              | Ms. Nootan Singh (2019109010000 04)               | Dr. Garima Gupta (Internal)<br>Dr. Divya Gupta (External)                              | Role and Relevance of Sam Pointed Domain ETS Transcription Factor (SPDEF) in Breast Cancer   | 28.10.2024 |
| 15 | Institute of Management, Commerce and Economics   | Mr. Shashwat Bajpai (2021107020000 10)            | Prof. (Dr.) Alka Singh   | A Study on Management of Diversity Among Officials Employed in Banking Institutions and its Impact on Organizational Effectiveness in Uttar-Pradesh        | 04.11.2024 |

|    |   |   |  |   |            |
|----|---|---|--|---|------------|
| 16 | Institute of Legal Studies  | Mr. Lalit Prakash (2019103010000 02)          | Dr. Prashant Kumar   | A Critical Study of Environmental Protection Law and the Role of National Green Tribunal in Curbing Environmental Pollution                         | 06.12.2024 |
| 17 | Institute of Biosciences & Technology / Faculty of Biosciences            | Ms. Vasundhra Singh (2017109020000 05)        | Dr. Sapna Sharma (Internal)<br>Dr. Divya Gupta (External)  | Bioinformatics Characterization of B3 DNA Binding Superfamily in Agriculturally Important Crops   | 07.12.2024 |
| 18 | Institute of Legal Studies  | Ms. Ekta Pandey (2020103010000 11)            | Dr. Prakash Chandra Mishra                                 | Crime Against Children In India With Special Reference To The Juvenile Justice (Care and Protection of Children) Act, 2015                          | 24.12.2024 |
| 19 | Institute of Management, Commerce and Economics                           | Ms. Stuti Dudhani (2018107020000 08)          | Prof. (Dr.) Madhu Dixit                                    | A Study on Impact of Cashless Transaction System in Service Sector After Demonetization 2016  | 26.12.2024 |
| 20 | Institute of Legal Studies  | Ms. Soumya Srivastava (2019103010000 18)      | Dr. Prakash Chandra Mishra                                 | Criminalization of Marital Rape: A Socio-Legal Study in India   | 28.12.2024 |
| 21 | Institute of Technology / Faculty of Electrical & Electronics Engineering | Ms. Pratibha (2023101040000 02)               | Dr. Shikha Singh (Internal)<br>Dr. Sandip Vijay (External) | Implementation of Real-Time Synchronization Mechanisms for Multimedia Data Transmission and Assessment of Evaluation Metrics at Various Conditions  | 28.12.2024 |
| 22 | Institute of Media Studies  | Mr. Shailendra Singh Bisht (2021104010000 02) | Dr. Mili Singh   | सोशल मीडिया का युवाओं पर प्रभाव: एक अध्ययन (लखनऊ के शहरी क्षेत्र के सन्दर्भ में)  | 30.12.2024 |
| 23 | Institute of Legal Studies  | Mr. Abhay Singh (2019103010000 13)            | Dr. Devendra   | Assessment of Laws Relating to Water in India with Special Reference Prevention & Control of Water Pollution  | 30.12.2024 |
| 24 | Institute of Management, Commerce and Economics                           | Ms. Richa Asthana (2020107020000 18)          | Dr. Asha Srivastava  | A Study of Spiritual Intelligence to Develop Mutual Trust and Cordial Relation in order to Improve Quality of Life among Higher Education Faculties | 11.01.2025 |
| 25 | Institute of Legal Studies  | Mr. Amrendra Nath Tripathi (2020103010000 05) | Prof. (Dr.) Rohit P Shabran                                | Socio-Legal Impact of Covid-19 Pandemic with Special Reference to Contractual Liabilities   | 24.01.2025 |
| 26 | Institute of Legal Studies  | Mr. Vivek Kumar Mishra (2020103010000 02)     | Dr. Prashant Kumar   | Invasion on Right to Privacy in India in Digital Era: Issues and Challenges   | 27.01.2025 |
| 27 | Institute of Legal Studies  | Ms. Praveen Hitkari (2018103010000 04)        | Dr. Mahendra Kumar   | Role of Legislations and Judicial Pronouncements in the Prevention of Domestic Violence in India: Critical Study                                    | 05.02.2025 |
| 28 | Institute of Media  | Ms. Madhuri                                   | Dr. Mili Singh   | इंटरनेट के युग में समाचार पत्रों की   | 10.03.2025 |

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|----|---|---|--|--|------------|
|    | Studies   | Tiwari<br>(2021104010000<br>01)                       |  | दशा एवं दिशा (लखनऊ से प्रकाशित<br>लघु समाचार पत्रों के संदर्भ में)   |            |
| 29 | Institute of Legal<br>Studies   | Ms. Vartika<br>Pandey<br>(2020103010000<br>06)        | Dr. Shashank<br>Shekhar  | A Critical Study on Misuse of<br>Women Centric Laws against<br>Men in Indian Scenario  | 05.04.2025 |
| 30 | Institute of<br>Biosciences and<br>Technology / Faculty<br>of Biotechnology                             | Ms. Namrata<br>Budhiraja<br>(2019109020000<br>01)     | Dr. Devendra<br>Singh (Internal)<br>Dr. Siddharth<br>Vats (External)<br>Dr. Sreenivasulu<br>Peta (Co-<br>Supervisor) | Phytochemicals Associated<br>Nanomaterial Based Drug<br>delivery for Health Care<br>Applications   | 19.04.2025 |
| 31 | Institute of<br>Technology / Faculty<br>of Computer Science<br>and Engineering                          | Mr. Saumitra<br>Vatsal<br>(2019101010000<br>01)       | Dr. Satya<br>Bhushan Verma   | Green Cloud Computing<br>Approaches for Environmental<br>Sustainability using Brownout<br>and Energy-Efficient Virtual<br>Machine Management<br>Techniques | 22.04.2025 |
| 32 | Institute of Natural<br>Sciences and<br>Humanities / Faculty<br>of Chemical Sciences                    | Mr. Amit Kumar<br>Tripathi<br>(2020102020000<br>01)   | Prof. (Dr.)<br>Krishna<br>Srivastava<br>(Internal)<br>Dr. Puspendra<br>Singh (External)                              | Synthesis and Single Crystal X-<br>ray Studies of Organotellurium<br>Derivatives Through Insertion<br>Route  | 01.05.2025 |
| 33 | Institute of Legal<br>Studies   | Ms. Rubi<br>Srivastava<br>(2019103010000<br>23)       | Dr. Prashant<br>Kumar  | A Critical Study of Law Relating<br>To Under Trial Prisoners in India  | 17.05.2025 |
| 34 | Institute of<br>Management,<br>Commerce and<br>Economics  | Mr. Sankalp<br>Purwar<br>(2019107020000<br>17)        | Prof. (Dr.) Nidhi<br>Shukla  | A Study on Consumer Buying<br>Behaviour of Prevalent Chronic<br>Patients Special Reference to<br>Diabetes in Uttar Pradesh                                 | 24.05.2025 |
| 35 | Institute of Legal<br>Studies   | Mr. Sachin<br>Chandra<br>(2020103010000<br>01)        | Prof. (Dr.) Rohit<br>P Shabran   | Right to Information Act, 2005:<br>Issues and Challenges   | 06.06.2025 |
| 36 | Institute of Natural<br>Sciences &<br>Humanities / Faculty<br>of Mathematical &<br>Statistical Sciences | Mr. Satyendra<br>Pratap Singh<br>(2016102030000<br>2) | Prof. (Dr.)<br>Virendra Nath<br>Pathak   | On a Study of Certain Structures<br>in a Differentiable Manifold and<br>it's Tangent and Cotangent<br>Bundle   | 16.06.2025 |
| 37 | Institute of Legal<br>Studies   | Mr. Mandeep<br>Singh<br>(2020103010000<br>17)         | Dr. Mahendra<br>Kumar  | Efficiency of the Real Estate<br>(Regulation and Development)<br>Act, 2016   | 18.06.2025 |
| 38 | Institute of<br>Technology / Faculty<br>of Computer Science<br>& Engineering                            | Mr. Sandeep<br>Kumar Dubey<br>(2023101010000<br>4)    | Dr. Bineet<br>Kumar Gupta  | Implementation of Image<br>Segmentation Mechanisms for<br>Hybrid Approach and Evaluation<br>of Metrics under Various<br>Conditions                         | 21.06.2025 |

## E- Content Development Cell

Shri Ramswaroop Memorial University E-Content Development cell is the academic platform for online teaching and learning. The Cell aspires to motivate the faculty members to improvise with their academic writings quantitatively and qualitatively. It aims to maximize the development and availability of the e resources in the form of texts, videos, animations, web links and self -assessment exercises. The focus of the cell is on developing and updating knowledge base on the relevant themes and issues in various disciplines. This would accelerate the learning opportunities among the students and help the information flow to wider aspirants of knowledge.

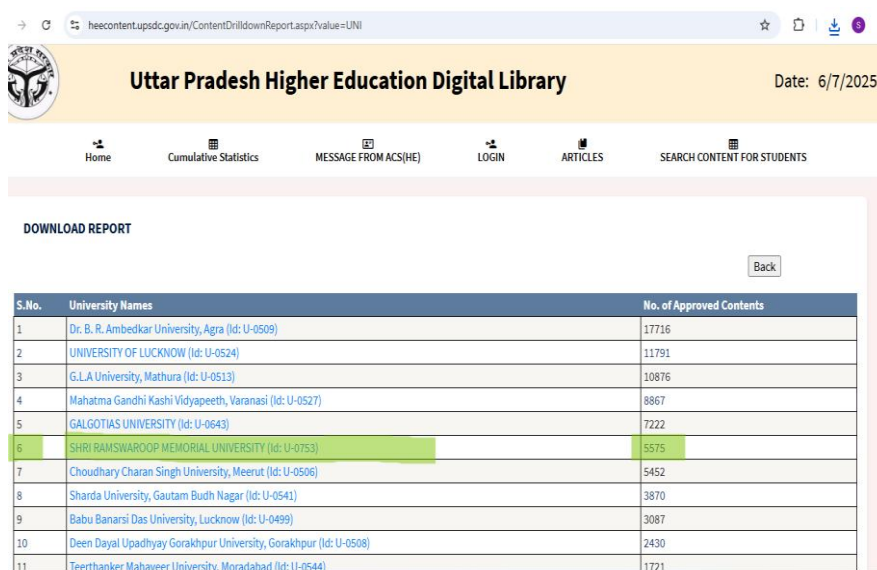
The Uttar Pradesh higher education digital library (UPHED) is a unique initiative by Uttar Pradesh higher education, which enables the students from different backgrounds, disciplines and areas of expertise to gain knowledge by this digital repository.

The faculties of SRMU are continuously submitting their e-content in the form of PPTs/Study material/Live lectures/Recorded videos, etc.

In the year 2024-25, **1500** e-content resources have been submitted from August 2024 to May 2025.

As per the report shared on website of Uttar Pradesh Higher Education Digital Library (UPHEDL), the status of SRMU among different universities and colleges of Uttar Pradesh till 8<sup>th</sup> June 2025:

- Total **5575 e-content** is submitted and approved till now which is an ongoing process by faculties of Shri Ramswaroop Memorial University at UPHE portal.
- SRMU ranked 6<sup>th</sup> among all universities of Uttar Pradesh.
- SRMU ranked 3<sup>rd</sup> as private State university.



| S.No. | University Names   | No. of Approved Contents |
|-------|--|--------------------------|
| 1     | Dr. B. R. Ambedkar University, Agra (Id: U-0509)                 | 17716                    |
| 2     | UNIVERSITY OF LUCKNOW (Id: U-0524)                               | 11791                    |
| 3     | G.L.A University, Mathura (Id: U-0513)                           | 10876                    |
| 4     | Mahatma Gandhi Kashi Vidyapeeth, Varanasi (Id: U-0527)           | 8867                     |
| 5     | GALGOTIAS UNIVERSITY (Id: U-0643)                                | 7222                     |
| 6     | SHRI RAMSWAROOP MEMORIAL UNIVERSITY (Id: U-0753)                 | 5575                     |
| 7     | Choudhary Charan Singh University, Meerut (Id: U-0506)           | 5452                     |
| 8     | Sharda University, Gautam Budh Nagar (Id: U-0541)                | 3870                     |
| 9     | Babu Banarsi Das University, Lucknow (Id: U-0499)                | 3087                     |
| 10    | Deen Dayal Upadhyay Gorakhpur University, Gorakhpur (Id: U-0508) | 2430                     |
| 11    | Teerthanker Mahaveer University, Moradabad (Id: U-0544)          | 1771                     |

### NPTEL - SWAYAM

SRMU has been successful in establishing the center for SWAYAM NPTEL local chapter. NPTEL has been offering self-study courses across engineering, humanities and science streams for more than a decade. NPTEL has been offering online certification for its courses. The NPTEL Coordinators were told to motivate students to enrol in the NPTEL courses as per their area of interest. The lists of the courses under NPTEL SWAYAM Courses were shared with the deans and directors of all departments. Posters of various courses offered by NPTEL were distributed among all departments of the university to encourage the students and faculties for maximum participation.

1. **ODD semester NPTEL courses (2024-25)**, the details are as follows:

- (i) During 2024-25 (Odd Sem)- **292** registrations were done by students along with faculty in different NPTEL courses.

- (ii) In 2024-25 (Odd Sem), out of **292** candidates (**257 students**) enrolled in the NPTEL SWAYAM courses.
- (iii) In 2024-25 (Odd Sem), out of **292** candidates (**35 faculty**) enrolled in the NPTEL SWAYAM courses.
- (iv) 33 candidates registered for the final examination.
- (v) **21 students** and **4 faculties** qualified for the final examination Odd Sem 2024-25.
- (vi) Elite -6, Elite + Silver – 16, Successfully completed – 3

2. **EVEN semester NPTEL courses 2024-25**, the details are as follows:

- (i) In 2024-25 (Even Sem), **706** candidates (**685 students**) enrolled in the NPTEL SWAYAM courses.
- (ii) In 2024-25 (Even Sem), **706** candidates (**21 faculties**) have enrolled in the NPTEL SWAYAM courses.
- (iii) 213 candidates (**4 faculties** and **209 students**) registered for the final examination.
- (iv) 180 candidates appeared in the exam out of which 82 qualified the final examination Even Sem 2024-25.
- (v) **78 students** and **4 faculties** qualified the final examination Even Sem 2024-25.
- (vi) Elite - 25, Elite + Silver – 16, Successfully completed – 41

**Indian Institute of Remote Sensing - Indian Space Research Organization (IIRS-ISRO) Outreach Programme**

Indian Institute of Remote Sensing (IIRS) under Indian Space Research Organisation (ISRO), Department of Space, Govt. of India is a premier Training and Educational Institute set up for developing trained professionals in the field of Remote Sensing, Geoinformatics and GNSS Technology for Natural Resources, Environmental and Disaster Management.

Shri Ramswaroop Memorial University is now a network institute of Indian Institute of Remote Sensing-Indian Space Research organization (IIRS-ISRO) outreach programme. These are learner centric e-learning courses. IIRS Outreach Programme focuses on strengthening the Academia and User Segments in Space Technology & its applications using Online Learning Platforms. Under this programme the two modes of content delivery system are developed using online learning platform Live & Interactive mode (known as EDUSAT) and e-Learning mode.

Shri Ramswaroop Memorial University has participated in online training programmes conducted by Indian Institute of Remote Sensing, ISRO Dehradun in 2024-25.

Nine candidates have successfully completed the online courses offered by IIRS-ISRO. Shri Ramswaroop Memorial University has received six institute and six coordinator certificates.

## Q-Club/ Health camps and Awareness Programs

| S. No. | Name of the capacity development and skills enhancement schemes          | Date of implementation | Number of students/ Participant | Name of the agencies/consultants involved with contact details (if any)  | Key Club/ Dept. |
|--------|--|------------------------|---------------------------------|--|-----------------|
| 1      | Ek Ped Maa Ke Naam Campaign  | 20-07-2024             | 18                              | Prof. Vikas Misra, Hon'ble VC, SRMU  | NSS             |
| 2      | Workshop on Cervical Cancer  | 3/8/2024               | 41                              | Dr. Manjusha, Sr. Consultant (Obstetrics and Gynaecology), Max Health Care, Lucknow                                    | Q-Club          |
| 3      | International Youth Day  | 12/8/2024              | 43                              | Dr. Anil Kumar-1, Dr. Arun Kumar Singh   | NSS             |
| 4      | Induction Programme by NSS   | 12/8/2024              | 16                              | Dr. Anil Kumar-1, Dr. Arun Kumar Singh   | NSS             |
| 5      | Har Ghar Tiranga   | 14-08-2024             | 18                              | Dr. Anil Kumar-1, Dr. Arun Kumar Singh   | NSS             |
| 6      | Kakori Incident Documentary Show   | 14-08-2024             | 25                              | Dr. Anil Kumar-1   | NSS             |
| 7      | Training on Life Saving Skill  | 24-08-2024             | 46                              | Dr. Veena Singh, Dr. Anil Kumar-1  | NSS             |
| 8      | Celebration of National Nutrition Month                                  | 13-09-2024             | 17                              | Dr. Anil Kumar-1, Dr. Ram Pratap Yadav, Dr. Arun Kumar Singh   | NSS             |
| 9      | Swachhata Hi Seva Hai  | 1/10/2024              | 43                              | Dr. Anil Kumar-1, Dr. Arun Kumar Singh   | NSS             |
| 10     | Panch Pran   | 3/10/2024              | 22                              | Dr. Anil Kumar-1, Dr. Ram Pratap   | NSS             |
| 11     | Mairathan by NSS, LU   | 8/10/2024              |                                 | Prof. Alok Kumar Rai, Hon'ble VC, LU   | NSS             |
| 12     | Global Handwashing Day   | 15-10-2024             | 22                              | Dr. Anil Kumar-1, Dr. Ram Pratap   | NSS             |
| 13     | Red Run by NSS and UPSACS  | 19-10-2024             | 15                              | UP AIDS Control Society  | NSS             |
| 14     | Invited Lecture on Application of Statistics in Social Science Research' | 5/11/2024              | 32                              | Dr. Manoj Sharma, Assistant Professor, SKN Agriculture University, Jobner, Rajasthan                                   | Q-Club          |
| 15     | Blood Donation Camp  | 12/11/2024             | 56                              | Department of Blood Transfusion, Dr. Ram Manohar Lohia Institute of Medical Sciences, Gomti Nagar, Lucknow & HDFC Bank | Q-Club          |
| 16     | Workshop on Ayushman Bharat Awareness with MPH                           | 23-11-2024             | 13                              | Dr. Anil Kumar-1, Coordinator, Public Health, SRMU   | Q-Club          |
| 17     | Samvidhan Divas Pad Yatra  | 26-11-2024             | 43                              | Dr. Amrendra Kumar, Dr. Anil Kumar-1   | NSS             |
| 18     | Poster Making on Swachhata Abhiyan                                       | 29-11-2024             | 16                              | Dr. Anil Kumar-1, Dr. Arun Kumar Singh, Dr. Jiendra Yadav  | NSS             |

|    |   |            |     |  |                  |
|----|---|------------|-----|--|------------------|
| 19 | Celebration of World AIDS Day: 01 December 2024                           | 2/12/2024  | 25  | Mr. Atul Kumar Pandey, Project Officer, WHO, Lucknow<br>Dr. Rahul Kushwaha, Consultant, Ayurveda and Panch Karma | Q-Club           |
| 20 | Academic Visit by MES's ACS College, Sonai                                | 11/12/2024 | -   | Prof. (Dr.) Rajendra Dandawate, MES's ACS College, Sonai, Ahmednagar, Maharashtra.                               | Q-Club           |
| 21 | Workshop on Digitisation of Health Services in Uttar Pradesh              | 12/12/2024 | 28  | Mr. Gajendra Singh, State Officer, Community Health, UP-TSU  | Q-Club           |
| 22 | Workshop on Prevention of Oral Cancer on the Occasion of World Cancer Day | 4/2/2025   | 55  | Dr. Nidhi Singh, Consultant, Om Sai Oral and Dental Health Care Centre, Gomti Nagar, Lucknow                     | Q-Club           |
| 23 | One Day Camp  | 7/3/2025   | 88  | Dr. Anil Kumar-1, Dr. Arun Kumar Singh   | NSS/ Q-Club      |
| 24 | International Women's Day   | 8/3/2025   | 55  | Dr. Anil Kumar-1, Dr. Arun Kumar Singh, Dr. Ram Pratap Yadav   |                  |
| 25 | Workshop on Ayushman Bharat Awareness with MPH                            | 22-3-25    | 35  | Dr. Ravi kant Singh, GM, Ayushman Bharat, Uttar Pradesh  | NSS, Q-Club      |
| 26 | Seven Days Camp   | 24-03-2025 | 100 | Mr. Mahesh Deva, Director, Chabootara Theater, Lucknow   | NSS, Q-Club      |
| 27 | International Yoga Day  | 21-06-2025 | 34  | Prof. Vikas Misra, Hon'ble VC, SRMU  | NSS, Sports Club |



# जीवन रक्षा कौशल की तकनीकी कार्यशाला



**श्री रामस्वरूप मेमोरियल विश्वविद्यालय में हुआ कार्यक्रम**



ऑक्सिजन पहुँचाने में मदद करने के लिए उन्हें मुँह, नाक या टट्टर के माध्यम से सांस देना शामिल है। हम सभी को यह जानकारी होनी चाहिए कि यदि किसी को चोट/घटने के कारण गंभीर रक्तस्राव की स्थिति हो तो उसे कैसे पहचाना जाए और रक्त के प्रवाह को रोकने के लिए प्राथमिक चिकित्सा कैसे दी जाए। आप सभी यह सीख सकते हैं कि रक्तस्राव को कैसे और कब नियंत्रित किया जाए। इस दौरान विश्वविद्यालय में राष्ट्रीय सेवा योजना के कार्यक्रम अधिकारी एवं जन स्वास्थ्य विभाग के समन्वयक डॉ० अशोक कुमार पुत्र पुत्र एल. के स्वीडिस कार्यक्रमों प्रवर्तन निदेशक, अशिका कुमारी, नेत्र एवं साधन तथा प्रसार एवं समुदायिक सेवा विभाग के श्री रीतिका सिंह सहित 70 से अधिक विद्यार्थियों ने प्रतिभाग किया।

माती, बाराबंकी। राष्ट्रीय सेवा योजना, क्यू-फ्लय, स्वरूप क्लब, 1090 क्लब, पॉजिटिव साइकोलॉजी क्लब, स्पोर्ट्स क्लब एवं प्रसार एवं समुदायिक सेवा विभाग, श्री रामस्वरूप मेमोरियल विश्वविद्यालय में जीवन रक्षा कौशल की तकनीकी पर कार्यशाला का आयोजन किया गया। विभिन्न उद्योग विश्वविद्यालय के प्रसार एवं समुदायिक सेवा विभाग को उन विदेशक डॉ० शोभा सिंह ने कक्षा में किया। मुख्य प्रशिक्षक के रूप में डॉ०

एन. अशोक कुमार ने विद्यार्थियों में स्वीडिस कार्यक्रमों को जीवन रक्षा कौशल की पहचान, जिसमें कार्डियोपल्मोनरी रिमिस्टेशन (सीपीआर) एवं गंभीर रक्तस्राव रोकने के तरीके सिखाने तथा निम्न बातें बताईं गईं। कार्डियोपल्मोनरी रिमिस्टेशन (सीपीआर) एक अत्यावश्यक जीवनरक्षक प्रक्रिया है जिसका उपयोग किसी भी जान बचाने के लिए तब किया जाता है जब उसका दिल धड़कना बंद कर देता है। इसमें उनकी छाती पर रक्तस्राव रोकना और उनके कंधों में



Tindola, Uttar Pradesh, India  
X32X+M65 Tinsapl Garden, near Shri Ramswaroop Memorial University, Tindola, Uttar Pradesh 225003, India  
Lat 26.951685°  
Long 81.997931°  
24/08/24 12:17 PM GMT +05:30



Tindola, Uttar Pradesh, India  
X33X+849, Tindola, Uttar Pradesh 225003, India  
Lat 26.953406°  
Long 81.098169°  
01/10/24 10:56 AM GMT +05:30

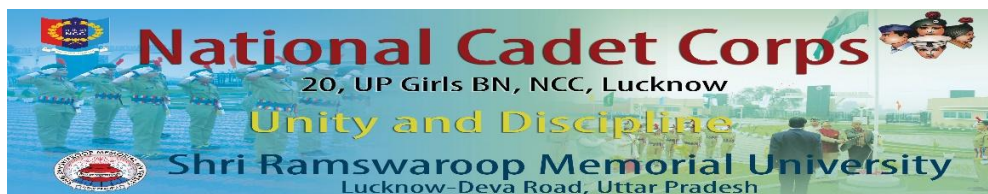


Lucknow, Uttar Pradesh, India  
VW8P+PV3, Babugani, Hasanganji, Lucknow, Uttar Pradesh 226007, India  
Lat 26.866958°  
Long 80.937129°  
08/10/24 01:50 PM GMT +05:30



Ujariyaon, Uttar Pradesh, India  
RXRV+28X, Gomti Nagar, Ujariyaon, Lucknow, Uttar Pradesh 226010, India  
Lat 26.840011°  
Long 80.993353°  
19/10/24 07:20 AM GMT +05:30

## National Cadet Corps (NCC)



It is open to school and college students on voluntary basis. National Cadet Corps is a Tri-Services Organization, comprising the Army, Navy and Air Force, engaged in grooming the youth of the country into disciplined and patriotic citizens. The National Cadet Corps in India is a voluntary organization, which recruits cadets from High Schools, Colleges and Universities all over India. The Cadets are given basic military training in small arms and parades. The officers and cadets have no liability for active military service once they complete their course but are given preference over normal candidates during selections based on the achievements in the corps.

The SRMU, for the welfare of the students intended to establish the NCC Senior Wings for girls in the University. The requisite application/ expression of interest was sent to Commanding Officer, 20 UP Girl's Battalion, Lucknow on 04.04.14. A team of NCC carried out physical inspection in the month of June and the consent of 55 Girls cadets from the Commanding Officer was received on **20th June 2014**. Which is extend to 65 on 26.09.2019.

The SRMU, for the welfare of the students intended to establish the NCC Senior Division for boys in the University. The requisite application/ expression of interest was sent to Commanding Officer, 63 UP Battalion, Lucknow. A team of NCC carried out physical inspection in the month of June and the consent of 80 Boys cadets from the Commanding Officer was received on **31<sup>st</sup> Oct 2020**.

In every year in the month of August a team of NCC came in the University for examination and selection procedure for first year. The University organizes regular parade on every Wednesday between 2:00pm to 4:00pm. It is compulsory to attend 40 parades per year each cadet. An Army Instructor comes every Wednesday from 20 UP Girl's Battalion, Lucknow to train the cadets. The instructor takes practical as well as theory class (environmental studies, First aid, Self-defence, history of NCC etc.).

The University organizes regular parade on every Saturday between 12:00pm to 4:30pm. It is compulsory to attend 40 parades per year each cadet. An Army Instructor comes every Wednesday from 20 UP Girl's Battalion or 63 UP BN, Lucknow to train the cadets. The instructor takes practical and ANO takes theory class (like Leadership, Personality Development, Environmental Studies, First aid, Self-defence, history of NCC etc.). Other than regular parade, cadets are required to attend atleast 3 camps to complete the course. Yoga day special camp is compulsory for all cadets which is not included in the above-mentioned camps. While in the 1st year only training is imparted, in the 2nd year the cadets go for 'B' certificate exam including theory as well as practical exam. In the 3rd year they go for 'C' certificate exam where cadets have to give theory as well as practical exam again to pass. Other than parade, theory classes, shooting, and camp cadets also take part in following activities:

**NCC REPORT (2024-2025)**

| <b>S. No.</b> | <b>ACTIVITY</b>                       | <b>VENUE</b>                        | <b>Strength</b> | <b>DATE</b>           | <b>GOVT. LETTER</b> |
|---------------|---------------------------------------|-------------------------------------|-----------------|-----------------------|---------------------|
| 1             | PRE-IGC TSC 2                         | SRMU                                | 02              | 02/07/2024-11/07/2024 | Yes                 |
| 2             | CATC-214                              | SRMU                                | 44              | 02/07/2024-11/07/2024 | Yes                 |
| 3             | IGC TSC Girls                         | Shahjahan Pur                       | 03              | 19/07/2024-28/07/2024 | Yes                 |
| 4             | Topics Covered- IGC TSC Boys          | Meerut                              | 04              | 19/07/2024-28/07/2024 | Yes                 |
| 5             | Tree Plantation                       | SRMU                                | 17              | 24/07/2024            | Yes                 |
| 6             | NCC Drill and Lecture                 | SRMU                                | 48              | 03/08/2024            | No                  |
| 7             | Pre TSC-I                             | Bareilly                            | 02              | 09/08/2024-18/08/24   | Yes                 |
| 8             | NCC Drill and Lecture                 | SRMU                                | 05              | 09/08/2024            |                     |
| 9             | Rank Ceremony+ Preparation for 15 Aug | SRMU                                | 52              | 10/08/2024            | No                  |
| 10            | Preparation for 15 Aug                | SRMU                                | 15 +42+ 48      | 12/08/2024-14/08/2024 | No                  |
| 11            | Tiranga Cycle Rally                   | SRMU                                | 38              | 14/08/2024            | Yes                 |
| 12            | Independence day parade               | SRMU                                | 99              | 15/08/2024            | No                  |
| 13            | Pre-TSC 2                             | Bareilly                            | 02              | 22/08/2024-31/08/24   | Yes                 |
| 14            | Pre-TSC 2                             | Merut                               | 01              | 22/08/2024-31/08/24   | Yes                 |
| 15            | National Space Day                    | Online                              | 25              | 23/08/2024            | Yes                 |
| 16            | NCC Drill and Lecture                 | SRMU                                | 45              | 24/08/2024            | No                  |
| 17            | National Sports Day                   | SRMU                                | 19              | 29/08/2024            | Yes                 |
| 18            | AITSC girls                           | Delhi Cantt                         | 03              | 02/09/2024-13/09/24   | Yes                 |
| 19            | Sashastra Sainya Samaroh              | Surya Sports Complex                | 15              | 03/09/2024            | Yes                 |
| 20            | 1st Year Boys Enrolment               | SRMU                                | 38              | 04/09/2024            | Yes                 |
| 21            | 1st Year Girls Enrolment              | SRMU                                | 40              | 09/09/2024            | Yes                 |
| 22            | Swachhata Pakhwada Abhiyan            | SRMU                                | 41              | 14/09/2024            | Yes                 |
| 23            | NCC Drill and Lecture                 | SRMU                                | 47              | 21/09/2024            | No                  |
| 24            | Army Attachment Camp                  | 11 GRRC                             | 10              | 23/09/2024- 2/10/2024 | Yes                 |
| 25            | NCC Drill and Lecture                 | SRMU                                | 61              | 28/09/2024            | No                  |
| 26            | NCC Drill and Lecture                 | SRMU                                | 36              | 1/10/2024             | No                  |
| 27            | NCC Drill and Lecture                 | SRMU                                | 75              | 3/10/2024             | No                  |
| 28            | NCC Drill and Lecture                 | SRMU                                | 60              | 18/10/2024            | No                  |
| 29            | NCC Drill and Lecture                 | SRMU                                | 81              | 19/10/2024            | No                  |
| 30            | NCC Drill and Lecture                 | SRMU                                | 68              | 26/10/2024            | No                  |
| 31            | NCC Day Selection                     | SRMU                                | 59              | 27/10/2024            | Yes                 |
| 32            | NCC Drill and Lecture                 | SRMU                                | 65              | 09/11/2024            | No                  |
| 33            | Blood Donation                        | SRMU                                | 10              | 12/11/2024            | No                  |
| 34            | NCC Day Practice                      | 20 UP Girls Bn                      | 17              | 15/11/2024            | Yes                 |
| 35            | Youth Exchange Program                | Jaisalmer                           | 01              | 14/11/2024-23/11/2024 | Yes                 |
| 36            | NCC Drill and Lecture                 | SRMU                                | 83              | 16/11/2024            | No                  |
| 37            | NCC Day                               | Punit Auditorium Lucknow Cantt Area | 16              | 24/11/2024            | Yes                 |
| 38            | Firing Practice                       | 41 BDE Cantt                        | 15              | 19/12/2024            | Yes                 |
| 39            | CM Rally                              | KDC Babu                            | 04              | 24/12/2024            | Yes                 |

|    |  | Stadium                              |           |                       |     |
|----|--|--------------------------------------|-----------|-----------------------|-----|
| 40 | Practice of Republic Day Parade & NCC Drill and Lecture          | SRMU                                 | 54        | 18/01/2025            | No  |
| 41 | Practice of Republic Day Parade & NCC Drill and Lecture          | SRMU                                 | 68        | 20/01/2025            | No  |
| 42 | Practice of Republic Day Parade & NCC Drill and Lecture          | SRMU                                 | 74        | 21/01/2025            | No  |
| 43 | Practice of Republic Day Parade & NCC Drill and Lecture          | SRMU                                 | 72        | 22/01/2025            | No  |
| 44 | Practice of Republic Day Parade & NCC Drill and Lecture          | SRMU                                 | 76        | 23/01/2025            | No  |
| 45 | Practice of Republic Day Parade & NCC Drill and Lecture          | SRMU                                 | 71        | 24/01/2025            | No  |
| 46 | Practice of Republic Day Parade & NCC Drill and Lecture          | SRMU                                 | 77        | 25/01/2025            | No  |
| 47 | Republic Day Parade  | SRMU                                 | 85        | 26/01/2025            | No  |
| 48 | Lucknow Republic Day Camp  | Charbagh to KD                       | 05        | 26/01/2025            | Yes |
| 49 | NCC Drill and Lecture  | SRMU                                 | 59        | 01/02/2024            | No  |
| 50 | Raj Bhawan Event   | Raj Bhawan                           | 02+01 ANO | 16/01/2025-06/02/2025 | Yes |
| 51 | NCC Drill and Lecture  | SRMU                                 | 66        | 10/2/2024             | No  |
| 52 | NCC Drill and Lecture  | SRMU                                 | 69        | 11/02/2024            | No  |
| 53 | C Certificate Practical Exam                                     | IT Metro Station+ Lucknow University | 40        | 12/02/2025            | Yes |
| 54 | NCC Drill and Lecture  | SRMU                                 | 76        | 15/02/2024            | No  |
| 55 | C Certificate Written Exam                                       | La Martiner+ KKC                     | 40        | 16/02/2025            | No  |
| 56 | NCC Drill and Lecture  | SRMU                                 | 53        | 22/02/2024            | No  |
| 57 | B Certificate Practical Exam Preparation & NCC Drill and Lecture | SRMU                                 | 62        | 01/03/2025            | No  |
| 58 | B Certificate Practical Exam Preparation & NCC Drill and Lecture | SRMU                                 | 29        | 03/03/2025            | No  |
| 59 | B Certificate Practical Exam Preparation & NCC Drill and Lecture | SRMU                                 | 60        | 04/03/2025            | No  |
| 60 | B Certificate Practical Exam Preparation & NCC Drill and Lecture | SRMU                                 | 60        | 05/03/2025            | No  |
| 61 | B Certificate Practical Exam Preparation & NCC Drill and Lecture | SRMU                                 | 65        | 06/03/2025            | No  |
| 62 | B Certificate Practical Exam                                     | SRMU                                 | 43        | 08/03/2025            | No  |

|    |   |                                  |    |                       |     |
|----|---|----------------------------------|----|-----------------------|-----|
|    | Preparation & NCC Drill and Lecture                               |                                  |    |                       |     |
| 63 | B Certificate Practical Exam                                      | IT Metro Station                 | 55 | 27/03/2025            | Yes |
| 64 | B Certificate Written Exam<br>Preparation & NCC Drill and Lecture | SRMU                             | 18 | 29/03/2025            | No  |
| 65 | B Certificate Written Exam  | AP Sen+<br>Lucknow<br>University | 56 | 30/03/2025            | Yes |
| 66 | NCC Drill and Lecture   | SRMU                             | 32 | 05/04/2025            | No  |
| 67 | NCC Drill and Lecture   | SRMU                             | 49 | 12/04/2025            | No  |
| 68 | NCC Drill and Lecture   | SRMU                             | 35 | 19/04/2025            | No  |
| 69 | NCC C Certificate Result<br>Distribution                          | 20UP Girls Bn                    | 03 | 24/04/2025            | Yes |
| 70 | NCC Drill and Lecture   | SRMU                             | 36 | 26/04/2025            | No  |
| 71 | NCC Firing  | 41INF BDE                        | 13 | 28/04/2025            | Yes |
| 72 | Group Commander, NCC<br>Award                                     | 20 UP Girls BN                   | 02 | 05/05/2025            | Yes |
| 73 | Words Environment Day   | Online                           | 65 | 05/06/2025            | Yes |
| 74 | International Yoga Day  | Online                           | 65 | 05/06/2025-21/06/2025 | Yes |





## Training & Placement Cell

**Total Offers 900+** :- SRMU successfully provided more than 900 offers for the 2025 pass-out batch

**Companies Visited : 180+** :- Various Tech, Non-Tech, Pharmacy, Healthcare, Biotech etc companies prioritize the SRMU for campus hiring within Lucknow region, some of the companies are

| TECH            | NON-TECH                           | BIOTECH            | PHARMACY/<br>BIOSCIENCES  |
|-----------------|------------------------------------|--------------------|---------------------------|
| PwC             | Jaro Education                     | Oppo India         | SLMG Beverages(Coca Cola) |
| Josh Technology | Tommy Hilfiger<br>and Calvin Klein | JBM                | GSK                       |
| HCLTECH         | Bharti Airtel                      | Ultratech Cement   | Radius Drug               |
| SAP Labs        | Berger Paints                      | Shapoorji Pallonji | MCare Exports             |
| Cognizant       | Jeevansathi.com                    | Torrent Power      | Godrej Foods              |
| TCS             | Archer & Bull                      | Daikin India       | IIRD                      |

**Highest Package : 14.23 LPA:-Josh Technology**, one of our top recruiters with the highest offerings

- **Industry Expert Session by Corporate:** - Dedicated Personality Development Session based on Practical Learning Career Guidance

### Varta Key Sessions-

| Speaker                | Organization       | Topic  |
|------------------------|--------------------|--|
| Dr. Shanu Pratap       | Career Capital     | How to Crack PCS -J                            |
| Mr. Abhishek Singhania | Career Launcher    | How to Crack CAT/ SNAP/ XAT/<br>GMAT/ GRE/ SAT |
| Mr. Siddharth Bahri    | Maxme              | Interview Preparation                          |
| Mr. Asif Riaz          | Fair Agri Solution | Exploring Opportunity in Agriculture           |
| Mr. Aakash Sharma      | NIIT               | Entrepreneurship and Innovation                |

### Eminent Alumni Talk-

| Speaker            | Organization   | Topic  |
|--------------------|--|--|
| Mr. Pranjal Yadav  | Urbanac Consultancy  | Recent Trends in Civil Engineering Jobs:<br>Opportunities and Challenges |
| Ms. Khushi Budhraj | Deloitte   | Career roadmap to Success  |
| Mr. Piyush Pandey  | Jagiellonian University,<br>Poland                         | Research Opportunities in Europe   |
| Ms Manpreet Kaur   | Millenium Hotels and<br>Resorts, London, United<br>Kingdom | Lifelong assets for career advancement                                   |



**Aptitude Session**



**Accenture Meet and Placement Drive**

**Our Recruiters:**



## Extension/ Community Services

Department of Extension /Community services have always felt pride for bringing about the much-needed change in the society. We at SRMU believe that while we are on the path of achieving excellence, we should always try giving back to the society based on our caliber and abilities. Extension activities are essential for promoting community engagement, knowledge dissemination, and the practical application of academic expertise. These activities aim to integrate the academic curriculum with societal needs, contributing to the holistic development of both students and the community. This report outlines the key extension activities undertaken during the year, their objectives, and their outcomes.

### Objectives:

- To provide students with opportunities to apply theoretical knowledge to real-world situations.
- To encourage community involvement and social responsibility.
- To address societal issues such as health, education, environment, and social welfare.
- To promote the development of essential soft skills such as communication, leadership, and teamwork among students.

As a part of this wonderful initiative time and again various activities are organized as well. Some of these successfully conducted activities are as mentioned below:

### Government Initiatives

- **PRADHAN MANTRI KAUSHAL YOJANA:** In implementation of this scheme a workshop was organized by Department of extension/community services and Business Consultancy Club along with **Jute for Life**, following which an MoU was signed with organization as well.
- **MAHILA CHAUPAL:** It is an initiative taken by the university administration where women of the nearby villages, namely Mati are made aware about their rights. Time and again, awareness regarding gender equality and female safety is being generated through these activities.
- **HAR GHAR TIRANGA:** As government of India issued Har Ghar Tiranga drive, SRMU in no time also joint the wonderful initiative. As a part of this mission flags were distributed in nearby villages along with beautiful display of street play and other activities.
- **AZADI KA AMRUT MAHOTSAV:** To celebrate and commemorate 75 years of Independence, the initiative of Aazadi ka Amrut Mahotsav was launched by the Indian government. As a result, various events were conducted by the clubs both in online and offline mode.
- All the above programmes were organized with the aim of providing awareness to the people of the university as well as nearby village area. Simultaneously the department is facilitating in providing free health checkups, diet plans but most importantly making the people aware about Hygiene, Pre-marriage Counseling etc. and thus discharging its obligation to the community.
- **Institutional Distinctiveness - Free skill development to women:** A strong emphasis is laid on providing free workshop for women of nearby villages to enhance their livelihood. The list includes several workshops on bag making from waste product, snacks item and MASK MAKING on COVID -19 pandemic situation.
- **Several self-help groups, NGOs and local administration** have joined hands to ensure that masks which is a very essential means of protection from the infection must reach everyone in the country.
- Likewise, session was organized for **NSS/NCC/1090 AND WOMENS OF NEARBY ADOPTED VILLAGES, Event** - in collaboration with **“UNICHARM” COMPANY**
- **FREE DISTRIBUTION OF SANITARY NAPKINS in nearby adopted villages – NSS and power angels 1090 students with their coordinators along with Area Sales manager** of UNICHARME COMPANY. The full day event was addressed by Dr AMRIT GUPTA (Sr. Gynecologist, SGPGI). She emphasized to educate girls and women with a holistic and engaging curriculum. Instead of just focusing on menstrual hygiene, it should start by creating an understanding of the menstruation process and its role in reproduction.
- This move will not only help in protecting others but will also give livelihood opportunities to several women especially during the period of lockdown and increased cases of corona positives, when most of them from the unorganized sectors have lost their jobs. So, this Initiative by Shri Ramswaroop Memorial

University will be able to meet the Socio Economical needs of society. We are committed to enhance their participation in higher education, capability enhancement and empowerment.

- To seek positive transformation and to engender progressive changes in the communities through alternative development models those are participatory, sustainable and inclusive. **By partnerships and networking/tie ups with various agencies (NSS units, NGOs, industries, Public and Private sector, NRI)** and industries working in and around the village/district for development of the selected village.
- **EMPOWERING THE UNDER PRIVILEGED CHILDREN:** -\_Apni Pathshala was a dream project of our very own Pro chancellor Mrs. Pooja Agarwal which was enacted in SRMU from Sept 12<sup>th</sup> till date. She has envisioned in nurturing the future generations with quality education as well as overall development of the students. With the same motive she started **APNI PATHSHALA** with a vision of empowering the under privileged children by providing them the platform for learning and making them the better versions of themselves.

| S. No. | Name of the event  | Date               |
|--------|--|--------------------|
| 1      | Innovation and Incubation Hub (IIH), Q-Club (Health Club) and Energy Park.                                 | 13/07/22           |
| 2      | National Deworming Day   | 20/07/22           |
| 3      | Life skill and Life style workshop (Online + Offline)  | 26,27,28 JULY 2022 |
| 4      | Har Ghar Tiranga   | 10/08/22           |
| 5      | Health Checkup And awareness Camp  | 24/09/22           |
| 6      | World Hand Hygiene Day   | 15/10/22           |
| 7      | Evening Health Checkup & Awareness Camp  | 18/11/22           |
| 8      | TRAFFIC AWARENESS  | 25-Nov-22          |
| 9      | Awareness Program On Nutritional Requirement During pregnancy  | 03/12/22           |
| 10     | Health Checkup & awareness Camp  | 28/12/22           |
| 11     | Prem Niwas   | 04/01/23           |
| 12     | National Youth day   | 12/01/23           |
| 13     | NSS Camp   | 29/03/23           |
| 14     | “Health Promotion Focusing Mental Health & Life Skills among Youth of 35 Degree Colleges of Uttar Pradesh” | 05/04/23           |
| 15     | Health Promotion Focusing Mental Health & Life Skills among Youth of 35 Degree Colleges of Uttar Pradesh”  | 06/04/23           |
| 16     | World No Tobacco Day   | 31/05/23           |
| 17     | World Population day   | 11/07/23           |
| 18     | Sarak Suraksha Pakhwara  | 21/07/23           |



Sikanderpur Khurd, Uttar Pradesh, India  
 Unnamed Road, Sikanderpur Khurd, Uttar Pradesh  
 226010, India  
 Lat 26.845576°  
 Long 81.067451°  
 18/11/22 03:30 PM GMT +05:30

## जनपद इण्टर कॉलेज में हुआ स्वास्थ्य परीक्षण एवं जागरूकता कार्यक्रम



कैम्पेजि टाइम्स संवाददाता

रायबरेली। श्री रामस्वरूप मेमोरियल विश्वविद्यालय के सिम्सा द्वारा स्थापित नर्सिंग व युवा परामर्श केंद्र (स्वास्थ्य क्लब) तथा स्वास्थ्य विभाग, जिले के संयुक्त तत्वाधान में जनपद इण्टर कॉलेज हरचंदपुर में स्वास्थ्य परीक्षण एवं जागरूकता शिविर का आयोजन किया गया। शिविर में एमर्जेंसी पाठ्यक्रम में अध्ययनरत विद्यार्थियों एवं सामुदायिक स्वास्थ्य केंद्र

हरचंदपुर के चिकित्सकों एवं स्वास्थ्य कर्मियों ने जनपद इण्टर कॉलेज के विद्यार्थियों, शिक्षकों एवं समुदाय के लोगों का स्वास्थ्य परीक्षण कर स्वास्थ्यों वितरित की गयीं तथा स्वस्थ रहने के विषय में जानकारी दी गयी। स्वास्थ्य परीक्षण शिविर का उद्घाटन सीएमओ डॉ. वीरेंद्र सिंह एवं मंडलीय परियोजना प्रबंधक डॉ. राजाराम यादव ने किया। सीएमओ डॉ. वीरेंद्र सिंह ने कहा कि हमारा जनपद निरंतर चिकित्सा एवं स्वास्थ्य सेवाओं को जनमानस तक

पहुंचाने में सफल हो रहा है, जिसमें चिकित्सक एवं सारी स्वास्थ्य कर्मियों के साथ नागरिकों की सहभागिता देखी जा सकती है। उन्होंने इस स्वास्थ्य शिविर के आयोजन के लिए सीएमओ अधीक्षक डॉ. शरद कुशवाहा, ब्लॉक कार्यक्रम प्रबंधक आरती सिंह, जनपद इण्टर कॉलेज के प्रधानाचार्य राकेश शर्मा एवं विश्वविद्यालय के जनस्वास्थ्य विभाग के समन्वयक डॉ. अनिल कुमार के समन्वय की सराहना की।



कस्बा के जनपद इंटर कॉलेज में स्वास्थ्य परीक्षण कराते बच्चे • हिन्दुस्तान

### स्वास्थ्य परीक्षण एवं जागरूकता शिविर

हरचंदपुर। कस्बा के जनपद इंटर कॉलेज में बुधवार को रामस्वरूप मेमोरियल विश्वविद्यालय लखनऊ एवं स्वास्थ्य विभाग के संयुक्त तत्वाधान में स्वास्थ्य परीक्षण एवं जागरूकता शिविर लगा। सीएमओ डॉ. वीरेंद्र सिंह एवं सेवानिवृत्त मंडलीय परियोजना प्रबंधक डॉ. राजाराम यादव ने शिविर का उद्घाटन किया। सीएमओ डॉ. वीरेंद्र सिंह ने अपने संबोधन में कहा विभाग चिकित्सकों, कर्मचारियों के सहयोग से चिकित्सा एवं स्वास्थ्य सेवाओं को जन मानस तक पहुंचाने में सफल रहा।



Rendua Palhari, Uttar Pradesh, India  
 W3HH+WVM, Rendua Palhari, Uttar Pradesh  
 225003, India  
 Lat 26.929786°  
 Long 81.08006°  
 03/12/22 12:40 PM GMT +05:30



Tindola, Uttar Pradesh, India  
 X33V+3M, Tindola, Uttar Pradesh 225003, India  
 Lat 26.953023°  
 Long 81.094657°  
 28/12/22 02:14 PM GMT +05:30





**Lucknow, Uttar Pradesh, India**  
 9/2, Prem Nagar, Hazratganj, Lucknow, Uttar Pradesh 226001, India  
 Lat 26.854311°  
 Long 80.947573°  
 04/01/23 12:24 PM GMT +05:30

### व्यू-क्लब द्वारा विश्व जनसंख्या दिवस पर प्रतियोगिता का आयोजन



**बाराबंकी।** आज दिनांक 11 जुलाई 2023 को श्री रामस्वरूप मेमोरियल विश्वविद्यालय के बटु-क्लब (स्वराज्य क्लब) द्वारा विश्वजनसंख्या दिवस पर सिस्पा, लखनऊ के सहयोग से वाद विवाद प्रतियोगिता का आयोजन किया गया। इस प्रतियोगिता का आयोजन बानू, ओएन, युवला, मेमोरियल इण्टर कलेज, केनडी, बाराबंकी में आयोजित किया गया। इस प्रतियोगिता में कलेज के हाईस्कूल एवं इण्टरमीडिएट के छात्र-छात्राओं ने भाग लिया। बटु-क्लब एवं राष्ट्रीय सेवा योजना से जुड़े आदित्य खोसला एवं कर्तव्य सिंह ने विद्यार्थियों के साथ समन्वय स्थापित कर उनको प्रोत्साहित किया। विवि के जन-स्वास्थ्य समन्वयक एवं सिस्पा की परियोजना के निष्ठा अधिकारी डॉ. अनिल कुमार ने बताया कि...

“परिवार नियोजन का अपना-अपना उपाय, किसी तकली का नया अर्थव्युत्पन्न” विषय पर आयोजित वाद-विवादप्रतियोगिता में कईविद्यार्थियों ने प्रतिभाग किया, जिसमें इण्टरमीडिएट की छात्राअनुष्का कनोजिया, प्रथम स्थान, रुड्रि अलखी ने द्वितीय स्थान, तथा अक्षिका सिंह ने तृतीय स्थान प्राप्त किया। इस प्रतियोगिता में 3 विद्यार्थियों यथा- हर्षित वर्मा, हर्षित मिश्रा, एवं आकांक्षा यादव ने सात्वता पुरस्कार प्राप्त किये प्रतिभागियों ने अपने विचार व्यक्त करते हुए कहा कि हम विश्व में सर्वाधिक जनसंख्या वाले देशों में चीन को पीछे करते हुए पहले स्थान पर पहुंच चुके हैं। आज हमें चीन एवं अन्य विकसित देशों की भांति युवाओं को देश की प्रगति में भागीदार बनाने के अवसर सृष्टि करने होंगे।

### Road Safety Awareness Training Program

Organized by Honda Motorcycle & Scooter India Pvt. Ltd & Shri Ramswaroop Memorial University, Lucknow

This Workshop is organized specially for Students & Faculty of Shri Ramswaroop University, Lucknow, which will cover aspects of Road Safety and insight for better understanding of Road sense, Good road behavior & emphasize on adapting safe riding / driving habits in daily life

Lucknow – 10<sup>th</sup>, 12<sup>th</sup> & 13<sup>th</sup> May 2023

## Road Safety Education

Team Honda (Safety Education & Center Mgmt)

Dr. Deveninder Sharma (Vice Chancellor), Dr. B M Dixit (Director SRU), Mr. Anurag Singh (OES)

Sanjeev Sharma (Japan Certified - Chief Instructor), Mr. Arjun Vishwas (Dept. HOD Honda Safety Education - C.B.)



**Tindola, Uttar Pradesh, India**  
 X32x+GF4, SRMU Rd, Tindola, Uttar Pradesh 225003, India  
 Lat 26.951187°  
 Long 81.09878°  
 13/01/23 02:33 PM GMT +05:30

### 1090 Club

SIMARUOB/017

**SHRI RAMSWAROOP MEMORIAL UNIVERSITY**

Student Attendance Regularisation Slip

Name of Event (if. case of event)/Purpose (in case of Meeting): 12-11-2024  
 Organised By: Blood Donation Camp  
 Venue (along with name of city): College Campus Date of Days: 1  
 Mode of Travel: Programmen on Life Saving Techniques  
 In case of event: if erprint, se as

| S.N. | Name of Participant | Class/Branch | Year | Mode of Travel |      |            | Others |
|------|---------------------|--------------|------|----------------|------|------------|--------|
|      |                     |              |      | Bus            | Auto | Personal   |        |
| 1    | Kavya Nishika       | BCA          | I    | Bus            | Auto | Personal   |        |
| 2    | Sachan Kshiti       | BALLB        | III  | B              |      |            |        |
| 3    | Ishika Kumar        | B.Tech       | II   | B              |      |            |        |
| 4    | Shubham Singh       | B.T          | IV   | B              |      |            |        |
| 5    | Gautam Rajat        | B.Tech       | II   | B              |      | 1122033076 |        |
| 6    | Gautham Tando       | B.T          | II   | B              |      |            |        |
| 7    | Arushka Pandey      | B.Tech       | I    | B              |      | 1122032108 |        |
| 8    | Anita Roy           | B.T          | I    | B              |      | 1122032108 |        |
| 9    | Jannela Teaddro     | B.Tech       | II   | B              |      |            |        |
| 10   | Prashant Ral        | B.T          | I    | B              |      | 1122032108 |        |
| 11   | Ashirav Joyal       | B.Tech       | I    | B              |      | 1122032108 |        |
| 12   | Bhidyn Dnüt         | B.T          | I    | B              |      | 1122032108 |        |
| 13   | Aanta Roy           | BT           | I    | B              |      | 1122032108 |        |
| 14   | Anita Prevahaja     | BT           | I    | B              |      |            |        |
| 15   | Anata Roy           | B.Tech       | IV   | B              |      | 1122032108 |        |
| 16   | Anita Prevahja      | BT           | I    | B              |      | 1122032108 |        |
| 17   | Anita Roy           | BT           | I    | B              |      | 1122032108 |        |
| 18   | Anita Prevahaja     | BAC          | I    | B              |      |            |        |

Please tick mark the appropriate column.

Name of Concerned Club Coordinator/Coordinator (in case of meeting)  
 Remar S. & any (Signature) Vice sheet

Forwarded By (Signatures) Deputy Registrar (Academics) Registrar

Approved By Registrar Vice Chancellor

**SHRI RAMSWAROOP MEMORIAL UNIVERSITY**  
 Lucknow Deva Road, Barabanki, Uttar Pradesh 225003

In Collaboration with

Save Lives

MOFC BANK, PARIVARTAN, The Ram Swaroop Lakshmi Institute of Medical Sciences, Lucknow, NCC, NSS, 1090 Club

Faculty Coordinators

- Dr. Veena Singh (University Club Coordinator)
- Er. Rohit Singh (1090 Coordinator)
- LT. CMA. Dr. Nancy Gupta (NCC Coordinator)
- LT. Neelesh Mishra (NCC Coordinator)
- Dr. Anil Kumar (NSS Coordinator)
- Dr. Arun Kumar Singh (NSS Coordinator)

Presents

**BLOOD DONATION CAMP 2021**

12/11/2021, ADMINISTRATIVE BLOCK, 10:00 AM TO 1:00 PM



**Tindola, Uttar Pradesh, India**  
 X32x+p7r, Tindola, Uttar Pradesh 225003, India  
 Lat 26.951929° Long 81.097989°  
 12/11/24 10:57 AM GMT +05:30

## Center for Innovation Incubation & Entrepreneurship (CIIE)

The Centre for Innovation, Incubation and Entrepreneurship was established at Shri Ramswaroop Memorial University on 21st January, 2019. CIIE is sector agnostic and supports entrepreneurial learning and implementation in diverse streams supported by the faculty expertise of its Institutes. CIIE was established with the vision to build ecosystem promoting innovation and entrepreneurship and mission to offer infrastructure facilities and capacity building opportunities to potential innovators helping them become change-agents in society and industry, to promote innovation and entrepreneurial spirit in the region catering to growth of local industrial and agricultural products, to helps start-ups to achieve sustainable, scalable growth over varied geographies and sectors, providing solutions to socio-economic issues.

**Vision:** Establishing a dynamic SRMU community with universal entrepreneurial and innovative philosophies and a nationwide reputation for entrepreneurial educational leadership.

**Mission:** The mission of CIIE is to contribute to the entrepreneurial ecosystem by transforming innovative ideas into successful entrepreneurial ventures. We aim to provide opportunities and resources for facilitating meaningful interactions during entrepreneurial ventures. It aims to promote and support entrepreneurial learning among the SRMU community, nurture startups and conduct research to advance knowledge of the policy and practice of managing ventures in Uttar Pradesh and beyond.

### Objectives:

The objective of the IIC is to motivate students by creating an entrepreneurial environment and dynamic eco-system in SRMU campus to make students comfortable in doing the following:

- Skill enhancement for students, start-ups aspiring to be entrepreneurs.
- Creation and dissemination of research-based knowledge.
- Mentoring support for students for startup by experts and mentees.
- Interactions with experts from business, government, society to contribute and promote entrepreneurship.
- Motivate and promote the students for affordable and innovative products and solutions with social impact goals.
- Foster linkages between academia, Industries, R&D institutions, and other related organizations with national/global expertise for enabling commercialization and global competitiveness.

**In the session 2023-24 from Q1-Q4, Fifty One (51) activities were conducted, reports and short videos were prepared and uploaded on IIC Portal.**

| Activity Category     | Total No of Submitted Activities | Total No of Approved Activities |
|-----------------------|----------------------------------|---------------------------------|
| IIC Calendar Activity | 28                               | 28                              |
| MIC driven Activity   | 5                                | 5                               |
| Self-driven Activity  | 8                                | 8                               |
| Celebration Activity  | 10                               | 10                              |
| <b>Total</b>          | <b>51</b>                        | <b>51</b>                       |

Based on the assessment of the activities by MoE, our University got 3-star ranking in **2024-25**. The ranking is among 5455 Institutions and Universities, where 3-star ranking depicts that we stood ahead of 4756 institutions. We are among top 500.



## **Patents Granted / Published for Innovative Prototypes:**

### **Patents Granted (10)**

**[1]. Invention:** AI-Driven UAV Seeding System for Enhanced Atmospheric Visibility UK

Patent Design No. 6422703

International Design Classification:

Version: 15-2025

Class: 12 Means of Transport or Hoisting

Subclass: 07 Aircraft and Space Vehicles

**[2]. Invention:** Hybrid UAV with AI-Based Flight optimization of Fog clearance UK

Patent Design No. 6422704

International Design Classification:

Version: 15-2025

Class: 12 Means of Transport or Hoisting

Subclass: 07 Aircraft and Space Vehicles

**[3]. Invention:** UV Ray Generator-Integrator UAV for Fog Dispersal UK

Patent Design No. 6422705

International Design Classification:

Version: 15-2025

Class: 12 Means of Transport or Hoisting

Subclass: 07 Aircraft and Space Vehicles

**[4]. Invention:** Portable UAV-Mounted UV Ray Generator for Atmospheric Modifications UK

Patent Design No. 6422706

International Design Classification:

Version: 15-2025

Class: 12 Means of Transport or Hoisting

Subclass: 07 Aircraft and Space Vehicles

**[5]. Invention:** High Precision UV Ray Emission Apparatus for Drones

UK Patent Design No. 6422707

International Design Classification:

Version: 15-2025

Class: 12 Means of Transport or Hoisting

Subclass: 07 Aircraft and Space Vehicles

**[6]. Invention:** AI-Controlled UV Ray Distribution Apparatus for UAVs UK

Patent Design No. 6422708

International Design Classification:

Version: 15-2025

Class: 12 Means of Transport or Hoisting

Subclass: 07 Aircraft and Space Vehicles

**[7]. Invention:** Autonomous Fog Identification and Tracking Apparatus for UAVs UK

Patent Design No. 6422709

International Design Classification:

Version: 15-2025

Class: 12 Means of Transport or Hoisting

Subclass: 07 Aircraft and Space Vehicles

**[8]. Invention:** Multi-Spectral Imaging Device for Real-Time Fog Detection and Mapping UK

Patent Design No. 6422710

International Design Classification:

Version: 15-2025

Class: 14 Recording, Telecommunication or Data Processing Equipment Subclass: 01  
Equipment for the Recording or Reproduction of Sounds or Pictures

**[9]. Invention:** Multi-Purpose UAV for Meteorological Data Collection & Dispersal Operations UK Patent Design No. 6422711

International Design Classification:

Version: 15-2025

Class: 12 Means of Transport or Hoisting  
Subclass: 07 Aircraft and Space Vehicles

**[10]. Invention:** AI-Enabled UAV for Automated Fog Dispersal & Visibility Enhancement UK Patent Design No. 6422712

International Design Classification:

Version: 15-2025

Class: 12 Means of Transport or Hoisting  
Subclass: 07 Aircraft and Space Vehicles

### Patents Published:

1. Invention: Robotic Wheel Chair for Physically disabled. (Published)

Patent Application No. 202311011812

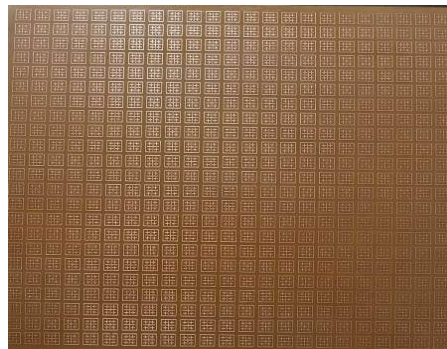
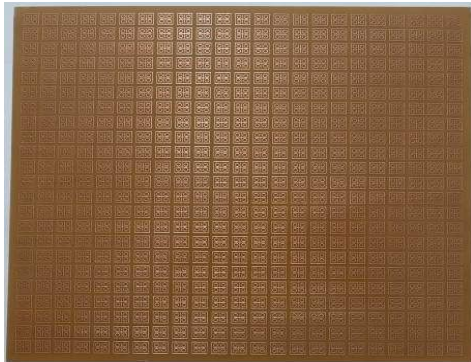
The Patent Office Journal No. 34/2024 Dated 23/08/2024

2. Invention: Microstrip Patch Antenna with Metamaterial Unit Cells Loaded Radiating Patches and Ground Structure for Its Applications. (Published)

Patent Application No. 202511024894 A

The Patent Office Journal No. 14/2025 Dated 04/04/2025

### Innovative Prototypes Developed (Metamaterial Absorbers):



# श्री राम स्वरूप मेमोरियल यूनिवर्सिटी, कंप्यूटर साइंस संकाय में हुआ स्मार्ट इंडिया हैकार्थॉन का आयोजन

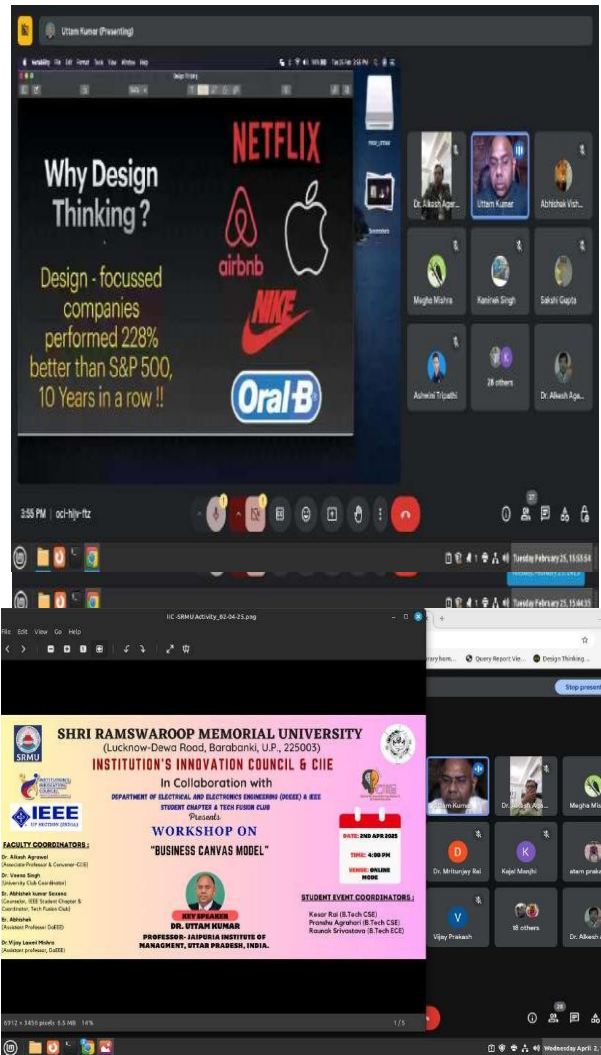
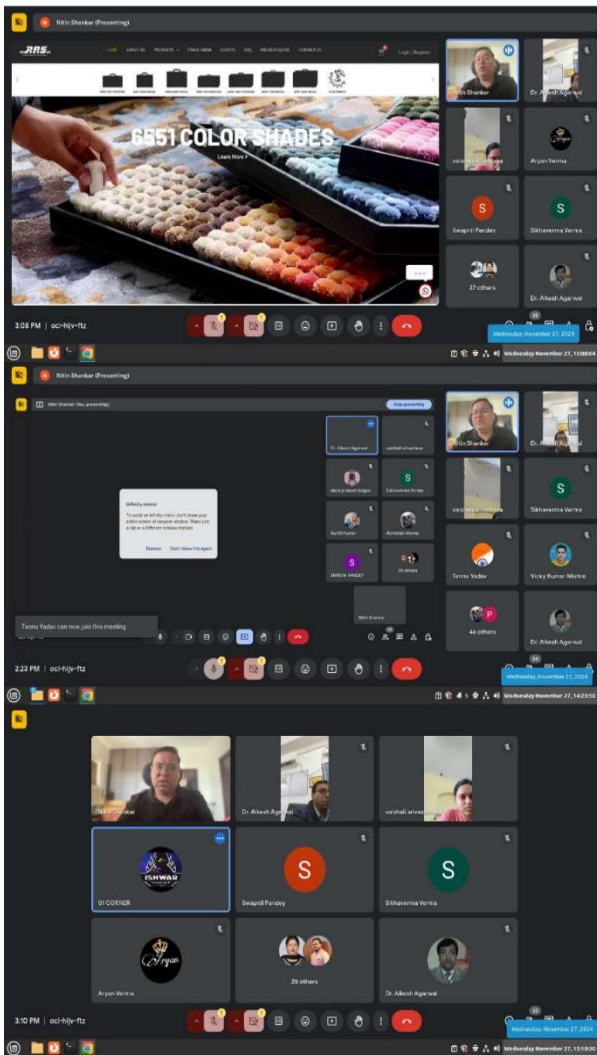
तिजरात संवाददाता

लखनऊ। श्री राम स्वरूप मेमोरियल यूनिवर्सिटी के कंप्यूटर साइंस संकाय द्वारा आयोजित 'स्मार्ट इंडिया हैकार्थॉन' का आयोजन बड़े ही उत्साह के साथ संपन्न हुआ। इस कार्यक्रम के मुख्य अतिथि प्रोफेसर दिवाकर यादव, आईआईटी एकेटीयू (त्रिभुव इखडर) थे। उन्होंने अपने प्रेरणादायक संवाद में 'संवेदनशीलता, सृजनशीलता, वैज्ञानिक दृष्टिकोण और समाज की जरूरतों के बारे में विस्तार से बताया। प्रोफेसर यादव ने अपने संवाद में 'ऑर्टिफिशियल इंटेलिजेंस (एआई)' के विषय पर भी चर्चा की। उन्होंने छात्रों और शिक्षकों को इस नए दौर के उपकरणों को अपनाने और इनके साथ हाथ से छात्रों को प्रेरित किया। उन्होंने यह भी आश्वासन दिया कि एआई हमारे रोजगार नहीं छीनता, बल्कि इसके माध्यम से हम और भी बेहतर काम कर सकते हैं। उन्होंने सभी को एआई और आने वाले तकनीकी उपकरणों के साथ हाथ



मिलाने और उनके साथ काम करने का आग्रह किया। कार्यक्रम की शुरुआत में प्रोफेसर दिवाकर यादव का स्वागत डॉ. विनीत कुमार गुप्ता, एसोसिएट प्रोफेसर ने किया। इसके बाद, कार्यक्रम के अंत में धन्यवाद ज्ञापन डॉ. सत्यभूषण वर्मा, एसोसिएट प्रोफेसर द्वारा किया गया। इस महत्वपूर्ण कार्यक्रम में विश्वविद्यालय के

माननीय कुलपति प्रोफेसर विकास कुमार मिश्र, निदेशक आईआईटी प्रोफेसर अर्जुन आनंद और विश्वविद्यालय के अन्य संकाय सदस्य भी उपस्थित थे। इस कार्यक्रम ने छात्रों और शिक्षकों में नवाचार और सृजनात्मकता की एक नई लहर पैदा की और भविष्य के लिए नई सोच और दृष्टिकोण को प्रोत्साहित किया।



## HR Office - Welfare Measures

The welfare measures provided by the University to its employees, including faculty members, technical and non-technical staff during session 2024-25 are as follows:

- i) Benevolent fund facility was provided to 08 employees during session 2024-25, where the total amount of Rs. 56,147.00 was sanctioned by the university.
- ii) 6 employees were provided the facility of flexi timings.
- iii) 7 female employees were provided with maternity leave facility.
- iv) 24 faculty members of university were provided with financial assistance for conference/ seminar/ workshop wherein the total amount of Rs. 1,21,677.00 was sanctioned by HR office.
- v) Medical insurance facility was provided to 175 employees of the university.
- vi) Provident Fund (PF) was provided to 202 employees of the university and Employees State Insurance (ESI) was provided to 193 employees.
- vii) 26 faculty members were also sanctioned with study leave facility during academic session 2023-24 to pursue research work during their PhD programme.
- viii) 36 faculty members as well as technical and non-technical staff was provided promotion in their post by the university.

## University Clubs

The University realizes the importance of being generally aware and encourage students to channelize their interest and energy in knowing beyond the syllabus. In the pursuit of same we have 21 clubs wherein students get the plethora of opportunities to showcase their talent and calibre. College fests and cultural activities are what make college life interesting, bearable, exciting and stressful and as a result time and again various events are organized by these clubs. The motto of our university club is for the student, by the student and of the student and as a result students not only get the chance to perform but also to plan and execute their imagination into reality. Inculcating our students with leadership, time management, punctuality and getting them ready for the new world that awaits is the sole purpose behind all these hard works.

Various hobby clubs provide a platform for SRMUans to experiment, innovate and imbibe the spirit of teamwork. For overall development and recreation, students are encouraged to participate in club and sports of their choice like MANCH Club, SUR JHANKAR Club, BEAT THE BEATS Club, EXPRESSIONS Club, SRIJAN Club, etc (as mentioned below). Apart from club and other events, University organizes its Annual Fest and Freshers Party every year in which from planning to execution, students participate enthusiastically.

These are following clubs –

- i) **BUSINESS CONSULTANCY** –It provide a platform to convert start up by budding entrepreneurs their innovative ideas into commercially viable products etc.
- ii) **SNAPSHOT** – This is vibrant photography club dedicated to capturing moments and preserve memories through art of photography.
- iii) **EXPRESSION** – Expression club provide a platform to unleash the actor within you.
- iv) **BEAT THE BEATS**- Everything living has a rhythm. Dancing is surely the most basic and relevant of all forms of expression.
- v) **MANCH** – The club aims to encourage each one to speak their hearts out, overcome stage fright and own the awesome personality one dreams of ! The place where you will get the chance to refine your skills and overcome your fears. A stage to learn, improve and finally emerge as an “anchor”.
- vi) **RAZZMATAZZ**- Razzmatazz club of the University is dedicated for the Fashion. It is a place where art, history, love, music, and emotion combines with style. Fashion and style not only reflect our thoughts and emotions but it is powerful way to show case the Country’s tradition also.
- vii) **APNI PATHSHALA** – Education breeds confidence. Confidence breeds hope. Hope breeds peace. Or The best way to predict future is to create it. Apni Pathshala is truly an embodiment of the above-mentioned quote by Abraham Lincoln. Apni Pathshala, an initiative by our University which aims to create tomorrow's leaders by empowering the under privileged children through education, run by our hon'ble Pro chancellor ma'am.
- viii) **TECH FUSION** – The outline of Tech Fusion Club is “Technical Combination”. Tech Fusion aims at enhancing the technical understanding of students other than regular curriculum. The club benefits the students by integrating their skills in creating products that revolutionize market, in the fields of Technology.
- ix) **GOLDEN PEN** – The Golden Pen Club at Shri Ramswaroop Memorial University is a vibrant and inclusive club dedicated to fostering and promoting the art of poetry writing and poetry telling. The club serves as a platform for students who have a passion for poetry, allowing them to showcase their talent and explore their creative abilities.
- x) **POWER ANGELS AND POWER HEROES** – With a club like 1090, our university is the only private university in Lucknow which is closely associated with WCSO UP Police and are in its inner wheel through no. of activities. Recently an event was organized by our university in collaboration with WCSO UP Police with the name "Women Empowerment Safety and Security". The event was attended by ADG Mrs. Neera Rawat and had Bhagyashree Ji as chief guest.
- xi) **SURJHANKAR** – Music gives a soul to the Universe, wings to the mind, flight to the imagination and life to everything. Music is the instrument to captivate the mind and soul. As the name reflects Sur jhankar.
- xii) **SRIJAN**- Srijan club is for decoration and painting here we teach for different types of painting, drawing as well as for decorations. We make new thing from waste.

- xiii) **OZONE-** The club provide opportunity to youth to act as a helping hand in cleaning the environment and make earth a better place to live in.
- xiv) **POSITIVE PSYCHOLOGY** – Positive psychology is the study of what makes life worth living . So it is a study of POSITIVE HUMAN EXPERIENCES and more importantly “GOOD LIFE”. POSITIVE PSYCHOLOGY CLUB ensures complete wellbeing of its members by inculcating values of mindfulness, learner optimism, gratitude and increasing positivity. The club helps the students to deal effectively with academic stress, peer pressure and develop practices to lead a happy and positive life.
- xv) **SPIC MACAY-** The Society for the Promotion of Indian Classical Music And Culture Amongst Youth (SPIC MACAY) is a voluntary youth movement which promotes intangible aspects of Indian cultural heritage by promoting Indian classical music, classical dance, folk music, yoga, meditation, crafts and other aspects of Indian culture; it is a movement with chapters in over 300 towns all over the world. SPIC MACAY was established by Dr. Kiran Seth in 1977 at IIT Delhi.

#### CLUB EVENTS COUNDUCTED 2024-25

| S. No. | Date       | Name of The Event                | Club Name                 |
|--------|------------|----------------------------------|---------------------------|
| 1      | 8/7/2024   | Incubation Opportunities         | Tech Fusion Club          |
| 2      | 8/10/2024  | Angel Investment                 | Tech Fusion Club          |
| 3      | 8/12/2024  | Induction                        | Sur Jhankar               |
| 4      | 8/12/2024  | Induction                        | Positive Pshycology Club  |
| 5      | 8/12/2024  | Induction                        | Razzmatazz                |
| 6      | 8/12/2024  | Induction                        | Beat The Beats            |
| 7      | 8/12/2024  | Induction                        | Tech Fusion Club          |
| 8      | 8/14/2024  | Induction                        | Srijan                    |
| 9      | 8/15/2024  | Independence Day                 | Beat The Beats            |
| 10     | 8/15/2024  | Independence Day                 | Sur Jhankar               |
| 11     | 8/16/2024  | Introduction to Machine Learning | Tech Fusion Club          |
| 12     | 8/16/2024  | Introduction to Block Chain      | Tech Fusion Club          |
| 13     | 8/16/2024  | Lean Startup                     | Tech Fusion Club          |
| 14     | 8/23/2024  | National Space                   | Tech Fusion Club          |
| 15     | 8/29/2024  | Khadi Mohatsava                  | Razzmatazz                |
| 16     | 9/3/2024   | Flashmob                         | Beat The Beats            |
| 17     | 9/9/2024   | Cultural Event                   | Spic Macay                |
| 18     | 9/10/2024  | Open Mic                         | Sur Jhankar               |
| 19     | 9/16/2024  | IEEE Tech Talks                  | Tech Fusion Club          |
| 20     | 9/19/2024  | Kickstart Your Coding Journey    | Tech Fusion Club          |
| 21     | 9/20/2024  | Postman API                      | Tech Fusion Club          |
| 22     | 10/5/2024  | Harmony                          | Sur Jhankar               |
| 23     | 10/5/2024  | Harmony                          | Expressions               |
| 24     | 10/5/2024  | Harmony                          | Beat The Beats            |
| 25     | 10/5/2024  | Harmony                          | Srijan                    |
| 26     | 10/6/2024  | Harmony                          | Razzmatazz                |
| 27     | 10/9/2024  | IEEE Day                         | Tech Fusion Club          |
| 28     | 10/13/2024 | Engineer's Toolkit               | Tech Fusion Club          |
| 29     | 10/18/2024 | Anavarat                         | Expressions               |
| 30     | 10/19/2024 | Anavarat                         | Razzmatazz                |
| 31     | 10/21/2024 | Jumpstart ML                     | Tech Fusion Club          |
| 32     | 10/26/2024 | Fourfold Code Quest              | Tech Fusion Club          |
| 33     | 11/5/2024  | National Workshop                | Business Consultancy Club |
| 34     | 11/9/2024  | Disaster Ready                   | Apni Pathshala            |
| 35     | 11/27/2024 | Awareness Program                | Apni Pathshala            |
| 36     | 1/26/2025  | Republic Day                     | Expressions               |
| 37     | 1/26/2025  | Republic Day                     | Golden Pen Club           |

|    |           |                         |                           |
|----|-----------|-------------------------|---------------------------|
| 38 | 1/26/2025 | Republic Day            | Sur Jhankar               |
| 39 | 1/26/2025 | Republic Day            | Manch Club                |
| 40 | 1/26/2025 | Republic Day            | Beat The Beats            |
| 41 | 1/27/2025 | Immunization            | Apni Pathshala            |
| 42 | 1/29/2025 | Flashmob                | Sur Jhankar               |
| 43 | 1/30/2025 | Flashmob                | Golden Pen Club           |
| 44 | 1/31/2025 | Flashmob                | Manch Club                |
| 45 | 2/1/2025  | GITM Dance Championship | Beat The Beats            |
| 46 | 2/6/2025  | Kaifiyat                | Golden Pen Club           |
| 47 | 2/6/2025  | Anubhuti                | Sur Jhankar               |
| 48 | 2/6/2025  | Anubhuti                | Manch Club                |
| 49 | 2/6/2025  | Anubhuti Stage Play     | Expressions               |
| 50 | 2/6/2025  | Anubhuti Nukkad Natak   | Expressions               |
| 51 | 2/6/2025  | Viveka                  | Tech Fusion Club          |
| 52 | 2/6/2025  | Pitch Fest              | Business Consultancy Club |
| 53 | 2/6/2025  | Business Conclave       | Business Consultancy Club |
| 54 | 2/6/2025  | Qawali                  | Apni Pathshala            |
| 55 | 2/7/2025  | Anubhuti Solo           | Razzmatazz                |
| 56 | 2/7/2025  | Anubhuti Group          | Razzmatazz                |
| 57 | 2/8/2025  | Anubhuti                | Srijan                    |
| 58 | 2/8/2025  | The Navankur            | Golden Pen Club           |
| 59 | 2/8/2025  | Sahityadeep             | Golden Pen Club           |
| 60 | 2/8/2025  | LPCPS                   | Beat The Beats            |
| 61 | 2/8/2025  | Pickup Panga            | Manch Club                |
| 62 | 2/17/2025 | Workshop                | Apni Pathshala            |
| 63 | 3/5/2025  | Flashmob                | Razzmatazz                |
| 64 | 3/5/2025  | Guftagoo                | Manch Club                |
| 65 | 3/27/2025 | Net Zero 2070           | Business Consultancy Club |
| 66 | 4/2/2025  | Barethi Nukkad Natak    | Expressions               |
| 67 | 4/11/2025 | IMRT Nukkad Natak       | Expressions               |
| 68 | 4/18/2025 | GCRG                    | Expressions               |
| 69 | 4/18/2025 | IIT Mandi               | Beat The Beats            |
| 70 | 4/19/2025 | IIT Mandi               | Razzmatazz                |





X32X+M65 Triupati Garden, near Shri Ramswaroop Memorial University (SRMU), Tindola, Uttar Pradesh 225003, India  
08:54 AM 24/04/2025



Tindola, Uttar Pradesh, India  
Ram Swaroop University, Deva Rd, Tindola, Uttar Pradesh  
225003, India  
Lat 26.951549° Long 81.098148°  
26/01/25 11:31 AM GMT +05:30

# Inauguration of New Study Centre at SRMU

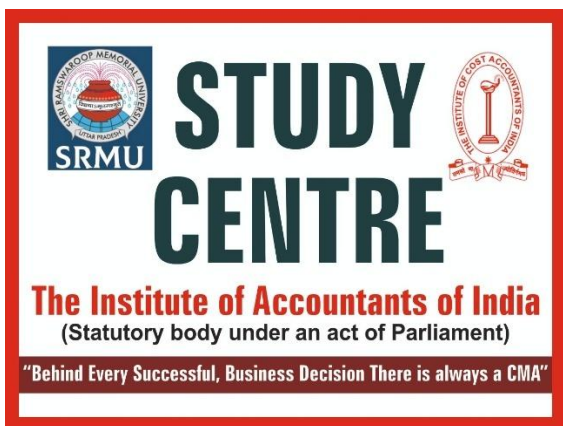
On March 25, 2023, a significant milestone was achieved with the inauguration of a new study centre at Shri Ramswaroop Memorial University (SRMU). This centre is a collaborative effort between SRMU and the Institute of Cost Accountant of India (CMA), Statutory Body Under an act of Parliament Lucknow, Chapter aimed at providing students with comprehensive education and training in cost accounting and financial management.

## Key Highlights:

- **Inauguration Ceremony:** The ceremony was attended by esteemed guests, including Dr. Veena Singh, Head of the Economics Department at SRMU, and Pankaj Agarwal, Chancellor Engineer at SRMU.
- **Objective:** The primary objective of this study centre is to equip students with practical skills in cost accounting and financial management, enabling them to excel in their respective fields.
- **Collaboration:** The partnership between SRMU and CMA Lucknow is expected to foster a culture of academic excellence and innovation, benefiting students from both institutions.

## Quotes from Dignitaries

- **Er. Pankaj Agarwal:** "This initiative marks a significant step towards providing students with industry-relevant skills and knowledge. We are confident that this study centre will play a pivotal role in shaping the future of our students."
- **Dr. Veena Singh:** "The collaboration between SRMU and CMA Lucknow CHAPTER is a testament to our commitment to academic excellence. We look forward to working together to create a world-class learning environment for our students."
- The inauguration of the new study centre at SRMU is a significant achievement, marking a new chapter in the institution's history. With this collaboration, SRMU and CMA Lucknow Chapter are poised to make a meaningful impact on the academic landscape, empowering students to excel in their chosen fields.



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### एसआरएमयू में आईसीएमएआई के नए स्टडी सेंटर का हुआ उद्घाटन



छात्रों को लागत लेखांकन और वित्तीय प्रबंधन के क्षेत्र में आधुनिक शिक्षा और प्रशिक्षण प्रदान करने के उद्देश्य से मंगलवार को श्री रामस्वरूप मेमोरियल यूनिवर्सिटी, श्री रामस्वरूप मेमोरियल कॉलेज ऑफ इंजीनियरिंग एंड मैनेजमेंट और आईसीएमएआई के संयुक्त सहयोग से आईसीएमएआई, लखनऊ चैप्टर के नए स्टडी सेंटर का उद्घाटन एसआरएमयू कैम्पस में किया गया। इस उद्घाटन समारोह में मुख्य अतिथि के रूप में उत्तर प्रदेश मेट्रो रेल कॉर्पोरेशन लिमिटेड में निदेशक (विच) शील गिखल एवं अपोलो मेडिकल सुपर स्पेशियलिटी हॉस्पिटल, लखनऊ के मुख्य वित्तीय अधिकारी रोहित कुमार समेत कई गणमान्य उपस्थित रहे।

आईसीएमएआई समन्वयक डॉ. सीएमए नेन्सी गुप्ता की उपस्थिति में आयोजित कार्यक्रम में अतिथियों का स्वागत कॉमर्स एंड इकोनॉमिक्स डिपार्टमेंट की हेड डॉ० वीना सिंह ने किया। इस मौके पर चांसलर इंजीनियर पंकज अग्रवाल ने सभी को संबोधित करते हुए कहा कि श्री रामस्वरूप मेमोरियल यूनिवर्सिटी और एसआरएमयू के सहयोग से शुरू हुई यह पहल शिक्षा और व्यावसायिक विकास के क्षेत्र में एक नया अध्याय जोड़ेगी। हमारा लक्ष्य छात्रों को ऐसी शिक्षा प्रदान करना है जो उन्हें न केवल तकनीकी रूप से सक्षम बनाए, बल्कि वैश्विक चुनौतियों के लिए भी तैयार करे। यह स्टडी सेंटर लागत लेखांकन के क्षेत्र में एक मजबूत नींव रखेगा। इसी क्रम में प्रो-चांसलर इंजीनियर पूजा अग्रवाल ने कहा कि यह पहल हमारे छात्रों को लागत लेखांकन और वित्तीय प्रबंधन के क्षेत्र में नवीनतम ज्ञान और कौशल प्रदान करने की दिशा में एक महत्वपूर्ण कदम है। मुझे विश्वास है कि यह स्टडी सेंटर नई प्रतिभाओं को उभारेगा और हमारे संस्थान की शैक्षिक प्रतिष्ठा को और मजबूत करेगा।

EDITOR - BHARAT JOSHI MOB. NO. 9825454595, 9016920017 Email - baudhikbharatnews@gmail.com

### INAUGURATION CEREMONY OF ICMAI - LUCKNOW NEW STUDY CENTRE IN COLLABORATION WITH SRMU AND SRMCEN



"Behind every Successful, Business Decision There is always a CMA"



**25 MARCH 2025**  
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### INAUGURATION CEREMONY OF ICMAI - LUCKNOW NEW STUDY CENTRE IN COLLABORATION WITH SRMU AND SRMCEN

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**VISION :**  
"The Institute of Cost Accountants of India would be the preferred source of resources and professionals for the financial leadership of enterprises globally."

**MISSION STATEMENT :**  
"The Cost and Management Accountant professionals would ethically drive enterprises globally by creating value to stakeholders in the socio-economic context through competencies drawn from the integration of strategy, management and accounting."

**CONTACT US :**  
Shri Ramswaroop Memorial University  
Lucknow Drive Road, Darabauji  
Shri Ramswaroop Memorial Group of Professional Colleges  
Teeragarh, Bahadur Road, Lucknow (UP) 226008  
+91 -9838904666  
admissions@srmu.ac.in



# Registrar Office

## 1. Sanctioned Intake of Courses

| SHRI RAMSWAROOP MEMORIAL UNIVERSITY<br>Sanctioned Intake Session (2024-25) |  |  |  |                  |  |                     |
|--|--|--|--|------------------|--|---------------------|
| S. No.   | Institute                                      | Faculty                                      | Courses  | Status of Course | No. of Seats (2024-25) for existing & proposed courses | Duration (in years) |
| 1  | Institute of Technology                        | CE   | B. Tech (CNC Engineering)  | Old              | 40   | 4                   |
| 2  |  |  | M. Tech (Environmental Engineering)  | Old              | 12   | 2                   |
| 3  |  |  | M. Tech (Structural Engineering)   | Old              | 18   | 2                   |
| 4  |  |  | M.Sc. (Environmental Science)  | Old              | 12   | 2                   |
| 5  |  | ME   | B. Tech (Mechanical Engineering)   | Old              | 40   | 4                   |
| 6  |  |  | M. Tech. (Production & Industrial Engineering)                                       | Old              | 12   | 2                   |
| 7  |  |  | B. Tech (Computer Science & Engineering)   | Old              | 440  | 4                   |
| 8  |  |  | B. Tech (Computer Science)   | Old              | 180  | 4                   |
| 9  |  |  | B. Tech (Computer Science & Engineering) Industry Integrated                         | Old              | 80   | 4                   |
| 10   |  |  | B. Tech (Computer Science & Engineering) Cloud Computing and Artificial Intelligence | Old              | 60   | 4                   |
| 11   | Institute of Bio-Sciences & Technology         | CS   | B. Tech (Computer Science & Engineering) Data Science and Artificial Intelligence    | Old              | 360  | 4                   |
| 12   |  |  | B. Tech (Artificial Intelligence and Machine Learning)                               | New              | 140  | 4                   |
| 13   |  |  | M. Tech (Data Science)   | Old              | 12   | 2                   |
| 14   |  |  | M. Tech (Computer Science & Engineering)   | Old              | 12   | 2                   |
| 15   |  | BCA  | Old  | 360              | 4  |                     |
| 16   |  | BCA (Industry Integrated)                    | Old  | 60               | 4  |                     |
| 17   |  | BCA (Data Science & Artificial Intelligence) | Old  | 360              | 4  |                     |
| 18   |  | NCA  | Old  | 100              | 2  |                     |
| 19   |  | B.Sc. IT                                     | Old  | 60               | 4  |                     |
| 20   |  | EC   | B. Tech (Electronics & Communication Engineering)                                    | Old              | 40   | 4                   |
| 21   | M. Tech (Digital Communication Engineering)    |  | Old  | 12               | 2  |                     |
| 22   | B. Tech (Electrical Engineering)               |  | Old  | 40               | 4  |                     |
| 23   | M. Tech (Power Electronics & Electrical Drive) |  | Old  | 12               | 2  |                     |
| 24   | EE   | M. Tech (Renewable Energy)                   | Old  | 12               | 2  |                     |
| 25   |  | M. Tech (Power System Engg.)                 | Old  | 12               | 2  |                     |
| 26   | Institute of Bio-Sciences & Technology         | BT   | M.Tech. (Electric Vehicle Technology)  | Old              | 12   | 2                   |
| 27   |  |  | B. Tech (Bio-Tech)   | Old              | 140  | 4                   |
| 28   |  |  | M. Tech (Bio-Tech)   | Old              | 12   | 2                   |
| 29   |  |  | B.Sc. (Microbiology & Biotechnology)   | Old              | 20   | 4                   |
| 30   |  |  | B.Sc. (Plant) Bio-Technology   | Old              | 200  | 4                   |
| 31   |  |  | B.Sc. (Plant) Food Technology  | Old              | 20   | 4                   |
| 32   |  |  | B.Sc. (Plant) Microbiology   | Old              | 40   | 4                   |
| 33   |  |  | M.Sc. (Bio-Tech)   | Old              | 40   | 2                   |
| 34   |  |  | Bachelor of Vocation in Medical Lab Technology                                       | Old              | 160  | 3                   |
| 35   |  |  | Bachelor of Vocation in Operation Theatre Technology                                 | Old              | 100  | 3                   |

| SHRI RAMSWAROOP MEMORIAL UNIVERSITY<br>Sanctioned Intake Session (2024-25) |   |            |   |                  |  |                     |     |   |
|--|---|------------|---|------------------|--|---------------------|-----|---|
| S. No.   | Institute                                     | Faculty    | Courses                                       | Status of Course | No. of Seats (2024-25) for existing & proposed courses | Duration (in years) |     |   |
| 36   | Institute of Natural Science & Humanities     | Humanities | B.A. (Hons) English                           | Old              | 20   | 4                   |     |   |
| 37   |   |            | B.A. (Hons) Sociology                         | Old              | 20   | 4                   |     |   |
| 38   |   |            | B.A. (Hons) Applied Psychology                | Old              | 20   | 4                   |     |   |
| 39   |   |            | B.A. (Hons) Political Science                 | Old              | 40   | 4                   |     |   |
| 40   |   |            | M. A. (English)                               | Old              | 12   | 2                   |     |   |
| 41   |   |            | M. A. (Psychology)                            | Old              | 12   | 2                   |     |   |
| 42   |   |            | M. A. (Sociology)                             | Old              | 12   | 2                   |     |   |
| 43   |   |            | M. A. (Political Science)                     | Old              | 12   | 2                   |     |   |
| 44   |   |            | MPhil (Bachelor of Social Work)               | Old              | 20   | 4                   |     |   |
| 45   |   |            | MPhil (Master of Social Work)                 | Old              | 12   | 2                   |     |   |
| 46   | PHY   | MATHS      | MPhil (Master in Public Health)               | Old              | 40   | 2                   |     |   |
| 47   |   |            | B.Sc. (Hons) Physics                          | Old              | 20   | 4                   |     |   |
| 48   |   |            | M.Sc. (Physics)                               | Old              | 12   | 2                   |     |   |
| 49   |   |            | B.Sc. (Hons) Chemistry                        | Old              | 20   | 4                   |     |   |
| 50   | CHEM  | MATHS      | M.Sc. (Chemistry)                             | Old              | 12   | 2                   |     |   |
| 51   |   |            | B.Sc. (Hons) Mathematics                      | Old              | 20   | 4                   |     |   |
| 52   | Institute of Management, Commerce & Economics | MATHS      | M.Sc. (Mathematics)                           | Old              | 12   | 2                   |     |   |
| 53   |   |            | M.F.A. (Artistic)                             | New              | 12   | 2                   |     |   |
| 54   |   |            | B. A. (Journalism & Mass Communication)       | Old              | 20   | 4                   |     |   |
| 55   |   |            | M. A. (Journalism & Mass Communication)       | Old              | 20   | 2                   |     |   |
| 56   |   |            | B.Ed.   | Old              | 50   | 2                   |     |   |
| 57   |   |            | M. A. (Education)                             | Old              | 12   | 2                   |     |   |
| 58   |   |            | Institute of Management, Commerce & Economics | MATHS            | BBA  | Old                 | 200 | 4 |
| 59   |   |            |   |                  | BBA (Industry Integrated)                              | Old                 | 40  | 4 |
| 60   |   |            |   |                  | BBA (Business Analytics)                               | Old                 | 100 | 4 |
| 61   |   |            |   |                  | B. Com (Hons)  | Old                 | 40  | 4 |
| 62   | B. Com.                                       | Old        |   |                  | 120  | 4                   |     |   |
| 63   | B. A. (Hons) Economics                        | Old        |   |                  | 20   | 4                   |     |   |
| 64   | BBA   | Old        |   |                  | 200  | 2                   |     |   |
| 65   | BBA (Industry Integrated)                     | Old        |   |                  | 40   | 2                   |     |   |
| 66   | BBA (Business Analytics)                      | Old        |   |                  | 40   | 2                   |     |   |
| 67   | BBA (Healthcare and Hospital Management)      | Old        |   |                  | 20   | 2                   |     |   |

| SHRI RAMSWAROOP MEMORIAL UNIVERSITY<br>Sanctioned Intake Session (2024-25) |  |          |  |                  |  |                     |    |   |
|--|--|----------|--|------------------|--|---------------------|----|---|
| S. No.   | Institute                                | Faculty  | Courses                                      | Status of Course | No. of Seats (2024-25) for existing & proposed courses | Duration (in years) |    |   |
| 68   | Institute of Legal Studies               | L.L.B.   | L.L.B.                                       | Old              | 60   | 3                   |    |   |
| 69   |  |          | L.L.M. (Criminal & Security Law)             | Old              | 300  | 1                   |    |   |
| 70   |  |          | L.L.M. (Corporate & Commercial Law)          | Old              | 100  | 1                   |    |   |
| 71   |  |          | L.L.M. (Constitutional & Administrative Law) | Old              | 180  | 1                   |    |   |
| 72   |  |          | L.L.M. (International & Comparative Law)     | Old              | 20   | 1                   |    |   |
| 73   |  |          | Integrated BBA-L.L.B. (Hons)                 | Old              | 60   | 5                   |    |   |
| 74   |  |          | Integrated B.A.-L.L.B. (Hons)                | Old              | 120  | 5                   |    |   |
| 75   |  |          | Institute of Architecture, Planning & Design | B.Arch.          | B.Arch.  | Old                 | 20 | 4 |
| 76   |  |          |  |                  | B.Arch.  | Old                 | 20 | 3 |
| 77   |  |          |  |                  | B.Sc. (B.E. Agriculture)                               | Old                 | 80 | 4 |
| 78   | BBA (Agri-Business Management)           | New      |  |                  | 40   | 2                   |    |   |
| 79   | Institute of Horticulture & Food Science | M.Sc.    | M.Sc. (Horticulture) Fruit Science           | New              | 20   | 2                   |    |   |
| 80   |  |          | M.Sc. (Horticulture) Vegetable Science       | New              | 20   | 2                   |    |   |
| 81   | Institute of Pharmaceutical Sciences     | D. Pharm | D. Pharm                                     | Old              | 100  | 4                   |    |   |
| 82   |  |          | D. Pharm                                     | Old              | 60   | 2                   |    |   |
| 83   |  |          | D. Pharm                                     | Old              | 60   | 4                   |    |   |
| 84   |  |          | D. Pharm                                     | Old              | 60   | 2                   |    |   |
| 85   | Institute of Diploma Studies             | D. Pharm | 3 Years Diploma (C)                          | Old              | 60   | 3                   |    |   |
| 86   |  |          | 3 Years Diploma (M) Production               | Old              | 40   | 3                   |    |   |
| 87   |  |          | 3 Years Diploma (M) Automobile               | Old              | 20   | 3                   |    |   |
| 88   |  |          | 3 Years Diploma (CSE)                        | Old              | 120  | 3                   |    |   |
| 89   |  |          | 3 Years Diploma (IC)                         | Old              | 20   | 3                   |    |   |
| 90   |  |          | 3 Years Diploma (RE)                         | Old              | 60   | 3                   |    |   |
| 91   | B. & C                                   | Ph.D.    | Diploma (Bio-Medical Engineering)            | Old              | 20   | 3                   |    |   |
| 92   |  |          | Ph.D.  | Old              | 70   | 3                   |    |   |
| <b>GRAND TOTAL</b>   |  |          |  |                  | <b>6199</b>  |                     |    |   |

**Important!**  
 1. New courses/specializations are highlighted in black color.  
 2. Based upon the availability of experience in the concerned specialization (per UOC regulations) & the duration of Ph.D. depends upon the program.

Ref: SRMU/Policy/02/2024-25/ Issue No. 13  
 Date of Issue: Feb. 07, 2024

Prepared by: *[Signature]*  
 Deputy Registrar (Academic)

Checked by: *[Signature]*  
 Registrar

Approved by: *[Signature]*  
 Vice-Chancellor

## 2. Congratulations Notice




### NOTICE – GENERAL

(Ref: SRMU/RO/N.G./03/2024-25/21, September 05, 2024)

#### Congratulations!!!

It is a matter of immense pleasure that our following NCC cadets got selected for Thal Sainik Camp (TSC) and River Rafting Camp.

#### THAL SAINIK CAMP (TSC) CADET

| S. No. | Regd. No        | Rank | Cadet Name              | Course             | Roll No         | NCC Unit            | Achievement  | Photo   |
|--------|-----------------|------|-------------------------|--------------------|-----------------|---------------------|--|---|
| 1.     | UP2023SDA059970 | CPL  | Shreelba Prakash Pandey | B.Sc. (P) Ag.      | 202311201120003 | 63UPBN NCC, Lucknow | AITSC 2024 (10days)<br>First cadet from Lucknow selected for 3 events/JUPSR & O7A Test pitching. First cadet selected for Obstacle Training. |  |
| 2.     | UP2023SWA038101 | LCPL | Yashavi Singh           | BA LLB (H)         | 202310301140063 | 20UP GIRLS BN, LKO  | ALL INDIA THAL SAINIKCAMP 2024 FROM 2NDSEPT. TO 12TH SEP, 2024 HELD AT DELHI.  |  |
| 3.     | UP2023SWA038108 | LCPL | Shreya Pandey           | B.Tech. (CS) DS+AI | 202310101150167 | 20UP GIRLS BN, LKO  | ALL INDIA THAL SAINIKCAMP 2024 FROM 2NDSEPT. TO 12TH SEP, 2024 HELD AT DELHI.  |  |

#### RIVER RAFTING CAMP CADET

|    |                 |      |                 |                         |                 |                         |  |   |
|----|-----------------|------|-----------------|-------------------------|-----------------|-------------------------|--|---|
| 1. | UP2023SWA041387 | LCPL | Anushika Mishra | B.Des (User Experience) | 202211101130003 | 20 UP Girls BN, Lucknow | Adventure activity in r/o WWP (White Water Rafting) from AAW Nodes with wfd. 04 Nov. to 09 Nov. 2024 at Ramwala (C/o. 326 Pd Regt. |  |
|----|-----------------|------|-----------------|-------------------------|-----------------|-------------------------|--|---|

Hearty congratulations on your achievement and all the best to you.

We look forward to celebrate the success of our NCC participants and sharing this joyous occasion with all of you.

*"Inspiration is one thing and you can't control it, but hard work is what keeps the ship moving..."*  
!!Keep it Up!!

  
Dr. Abhay Singh  
Deputy Registrar, Academics

### NOTICE – GENERAL

(Ref: SRMU/RO/N.G./03/2024-25/63, February 06, 2025)

#### Congratulations!!!

We are pleased to share that our students participated in the Two-Day Symposium: "Advancing Understanding of The Queer Community: Sensitization & Awareness," organized by Suramya Life Foundation in collaboration with Dr. Ram Manohar Lohiya National Law University (RMLNLU), Lucknow, held on January 19th & 20th, 2025.


As part of the event, Bioscope#QueeringFrames, a short movie competition that saw enthusiastic participation from teams representing various colleges. We are delighted to share with you that the short film, "One World, Many Colors," created by the students of our University, received a Consolation Prize.

The team members who contributed to this remarkable achievement are:

- Prajwal Singh (Team Leader) – BBA LLB
- Shruti Singh – BBA LLB 2<sup>nd</sup> Year
- Abhinav Mishra – BBA LLB 2<sup>nd</sup> Year
- Arti Mehrotra – MSW 1<sup>st</sup> Year
- Sneha Goel – BBA 2<sup>nd</sup> Year
- Niranjana Singh – BSW 2<sup>nd</sup> Year

Hearty congratulations on your achievement and all the best to you.

*"Inspiration is one thing and you can't control it, but hard work is what keeps the ship moving..."*  
!!Keep it Up!!

  
Dr. Abhay Singh  
Deputy Registrar, Academics

### NOTICE – GENERAL

(Ref: SRMU/RO/N.G./03/2024-25/80, April 02, 2025)


#### Congratulations!!!

It is a matter of immense pleasure that our student Shreya Singh, BCA II year, Roll No. 202310101310068 had recruited against Cultural Quota in Group-C post in Pay Matrix Level-02 under Rail Coach Factory (Kapurthala) vide letter no. 2024-E/RCF/P/Rectt./Cul. Quota dated March 31, 2025.



Hearty congratulations on your achievement and all the best to you.

*"Inspiration is one thing and you can't control it, but hard work is what keeps the ship moving..."*  
!!Keep it Up!!

  
Dr. Abhay Singh  
Deputy Registrar, Academics

### NOTICE – GENERAL

(Ref: SRMU/RO/N.G./03/2024-25/23, September 09, 2024)

#### Congratulations!!!

It is a matter of immense pleasure that our student Abhinav Bajpai, BCA I year, Roll No. 202410101310214 won the Gold Medal in Lucknow Open Taekwondo Championship – 2024 held on September 08, 2024.



Hearty congratulations on your achievement and all the best to you.

*"Inspiration is one thing and you can't control it, but hard work is what keeps the ship moving..."*  
!!Keep it Up!!

  
Dr. Abhay Singh  
Deputy Registrar, Academics

### 3. Students Grievances

#### **STUDENTS' GRIEVANCES (SESSION: 2024-25)**

| S. No. | Month     | Total Grievances (Received/Resolved) |
|--------|-----------|--------------------------------------|
| 1      | July      | 6                                    |
| 2      | August    | 16                                   |
| 3      | September | 27                                   |
| 4      | October   | 6                                    |
| 5      | November  | 17                                   |
| 6      | December  | 24                                   |
| 7      | January   | NIL                                  |
| 8      | February  | 24                                   |
| 9      | March     | 34                                   |
| 10     | April     | 29                                   |
| 11     | May       | 25                                   |
| 12     | June      | NIL                                  |

### 4. Students' Welfare Fund

## **NOTICE – GENERAL**

(Ref: SRMU/RO/N.G./03/2024-25/43, November 12, 2024)

#### **STUDENTS' WELFARE FUND**

1. Based on the meeting of Student Welfare Fund Committee, held on November 11, 2024, following are the list of students benefited from the Student Welfare Fund for Academic Session 2024-25.

| S. No. | ERP Id | Roll No.        | Student Name               | Course/Year                   | Amount Given (Rs.) |
|--------|--------|-----------------|----------------------------|-------------------------------|--------------------|
| 1      | 39671  | 202310101110398 | Mahima Gupta               | B.Tech. (CS) II year          | 25,000             |
| 2      | 25933  | 202110301140038 | Aayush Tripathi            | B.A. LL.B. (H) IV year        | 25,000             |
| 3      | 36752  | 202310902110020 | Shitij Taneja              | B.Tech. (BT) II year          | 25,000             |
| 4      | 35957  | 202310902110015 | Punakar Srivastava         | B.Tech. (BT) II year          | 25,000             |
| 5      | 37877  | 202310101050007 | Fahad Ansari               | MCA I year                    | 25,000             |
| 6      | 37485  | 202310101310095 | Shubham Kumar Prajapati    | BCA II year                   | 15,000             |
| 7      | 38719  | 202310101110431 | Archit Srivastava          | B.Tech. (CS) II year          | 15,000             |
| 8      | 40017  | 202310101110432 | Raunak Pal                 | B.Tech. (CS) II year          | 15,000             |
| 9      | 26104  | 202110301140027 | Shivani Roy                | B.A. LL.B. (H) IV year        | 15,000             |
| 10     | 37800  | 202310902160009 | Shagun Singh               | B.Sc. (H) FT II year          | 15,000             |
| 11     | 36865  | 202310102110701 | Shrey Pratap               | B.Tech. (ME) III year         | 15,000             |
| 12     | 39581  | 202310204050001 | Arpita Khare               | M.A. (Pol. Science) II year   | 15,000             |
| 13     | 29288  | 202210101310038 | Sachin Dubey               | BCA III year                  | 15,000             |
| 14     | 37258  | 202310101050027 | Vaibhav Nigam              | MCA II year                   | 15,000             |
| 15     | 35149  | 202310101050002 | Abhinav Tiwari             | MCA II year                   | 12,000             |
| 16     | 31038  | 202210101110071 | Mohit Yadav                | B.Tech. (CS) III year         | 12,000             |
| 17     | 29147  | 202210101110073 | Ranjeet Kumar              | B.Tech. (CS) III year         | 12,000             |
| 18     | 32336  | 202210101150124 | Alok Kumar Sahal           | B.Tech. (CS) DS & AI III year | 12,000             |
| 19     | 35820  | 202310101050010 | Rani Rai                   | MCA II year                   | 12,000             |
| 20     | 35751  | 202310902110045 | Parul Srivastava           | B.Tech. (BT) II year          | 12,000             |
| 21     | 36418  | 202310101360063 | Abhishek Verma             | BCA (DS & AI) II year         | 12,000             |
| 22     | 30638  | 202210101300014 | Abhishek Chaurasia         | B.Sc. (IT) III year           | 12,000             |
| 23     | 30639  | 202210901130001 | Pragati Chaurasia          | B.Sc. (H) N&D III year        | 12,000             |
| 24     | 37543  | 202310702010104 | Vishal Tiwari              | MBA II year                   | 12,000             |
| 25     | 39081  | 202310101310258 | Kaushal Singh              | BCA II year                   | 10,000             |
| 26     | 37923  | 202310902150051 | Divyanshi Verma            | B.Sc. (H) BT II year          | 10,000             |
| 27     | 35897  | 202310101360007 | Rajnish Patel              | BCA (DS & AI) II year         | 10,000             |
| 28     | 30427  | 202210101110115 | Ram Ashish Gupta           | B.Tech. (CS) III year         | 10,000             |
| 29     | 38131  | 202310102110702 | Ranjeet Kumar              | B.Tech. (ME) III year         | 10,000             |
| 30     | 37799  | 202310101310115 | Himanshu Verma             | BCA II year                   | 10,000             |
| 31     | 34656  | 202310101150305 | Abhishek Kumar Vishwakarma | B.Tech. (CS) DS & AI II year  | 10,000             |
| 32     | 37460  | 202310101150143 | Mansi Vishwakarma          | B.Tech. (CS) DS & AI II year  | 10,000             |
| 33     | 37660  | 202310101150163 | Lucky Kanaujya             | B.Tech. (CS) DS & AI II year  | 10,000             |
| 34     | 38277  | 202310101050024 | Abhydeep Singh             | MCA II year                   | 10,000             |
| 35     | 37827  | 202310101110399 | Shashwat Jain              | B.Tech. (CS) II year          | 10,000             |

2. The sanctioned amount will be credited/ adjusted against their Course Fees.

  
**Abhay Singh**  
 Deputy Registrar, Academics

# NOTICE - GENERAL

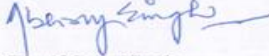
(Ref: SRMU/RO/N.G./03/2024-25/89, May 08, 2025)

## STUDENTS' WELFARE FUND

1. Based on the meeting of Student Welfare Fund Committee, held on May 07, 2025, following are the list of students benefited from the Student Welfare Fund for Academic Session 2024-25.

| S. No. | ERP Id | Roll No.        | Student Name          | Course/Year                                | Amount Given (Rs.) |
|--------|--------|-----------------|-----------------------|--|--------------------|
| 1      | 41012  | 202410101050003 | Keertika Srivastava   | MCA 1 <sup>st</sup> Year                   | 15,000             |
| 2      | 42277  | 202411301110075 | Amit Yadav            | B.Pharm. 1 <sup>st</sup> Year              | 5,000              |
| 3      | 43867  | 202410101360249 | Abhay Kumar Gupta     | BCA (DS & AI) 1 <sup>st</sup> Year         | 5,000              |
| 4      | 43868  | 202410101360250 | Sanjeev Kumar Gupta   | BCA (DS & AI) 1 <sup>st</sup> Year         | 5,000              |
| 5      | 42462  | 202410702180049 | Adarsh Singh          | BBA 1 <sup>st</sup> Year                   | 15,000             |
| 6      | 45269  | 202410902150115 | Vishwajeet            | B.Sc. (H) BT 1 <sup>st</sup> Year          | 5,000              |
| 7      | 43441  | 202410101310158 | Srishti Pandey        | BCA 1 <sup>st</sup> Year                   | 15,000             |
| 8      | 44660  | 202410101310162 | Priyanshi Mishra      | BCA 1 <sup>st</sup> Year                   | 15,000             |
| 9      | 41474  | 202410902150097 | Muskan Bhatia         | B.Sc. (H) BT 1 <sup>st</sup> Year          | 10,000             |
| 10     | 41734  | 202410101310031 | Aditya Narain         | BCA 1 <sup>st</sup> Year                   | 25,000             |
| 11     | 40530  | 202410101310005 | Nishant Yadav         | BCA 1 <sup>st</sup> Year                   | 15,000             |
| 12     | 45550  | 202410204030004 | Parvati Sharma        | M.A. (Eng) 1 <sup>st</sup> Year            | 15,000             |
| 13     | 41473  | 202410101360021 | Mohit Bhatia          | BCA (DS & AI) 1 <sup>st</sup> Year         | 10,000             |
| 14     | 41456  | 202410101110018 | Harsh Vishwakarma     | B.Tech. (CSE) 1 <sup>st</sup> Year         | 15,000             |
| 15     | 43865  | 202410101310155 | Deepali Verma         | BCA 1 <sup>st</sup> Year                   | 10,000             |
| 16     | 44656  | 202410101310131 | Anuvartika Srivastava | BCA 1 <sup>st</sup> Year                   | 10,000             |
| 17     | 44241  | 202410101210137 | Pallavi Sharma        | BCA 1 <sup>st</sup> Year                   | 10,000             |
| 18     | 40719  | 202410101310156 | Sakshi Verma          | BCA 1 <sup>st</sup> Year                   | 5,000              |
| 19     | 44341  | 202410101310154 | Kalpana Verma         | BCA 1 <sup>st</sup> Year                   | 5,000              |
| 20     | 45350  | 202410902150121 | Shivani Dubey         | B.Sc. (H) BT 1 <sup>st</sup> Year          | 10,000             |
| 21     | 45109  | 202410101310175 | Aditi Singh           | BCA 1 <sup>st</sup> Year                   | 15,000             |
| 22     | 42729  | 202410101150146 | Kajal Singh           | B.Tech. (CSE) DS & AI 1 <sup>st</sup> Year | 5,000              |
| 23     | 44574  | 202410101310166 | Priya Verma           | BCA 1 <sup>st</sup> Year                   | 10,000             |
| 24     | 43060  | 202410101310250 | Gungun                | BCA 1 <sup>st</sup> Year                   | 15,000             |
| 25     | 45646  | 202410902150130 | Mahi Agrahari         | B.Sc. (H) BT 1 <sup>st</sup> Year          | 10,000             |
| 26     | 41086  | 202410101050002 | Rupam Vishwakarma     | MCA 1 <sup>st</sup> Year                   | 5,000              |
| 27     | 40403  | 202410101050026 | Mridul Dixit          | MCA 1 <sup>st</sup> Year                   | 15,000             |
| 28     | 42084  | 202410101310030 | Abhishek Chaurasiya   | BCA 1 <sup>st</sup> Year                   | 25,000             |
| 29     | 43692  | 202410101310122 | Nitin Verma           | BCA 1 <sup>st</sup> Year                   | 5,000              |
| 30     | 43907  | 202410101150128 | Akhilesh Gupta        | B.Tech. (CSE) 1 <sup>st</sup> Year         | 5,000              |
| 31     | 45375  | 202410101310245 | Sonali Singh          | BCA 1 <sup>st</sup> Year                   | 15,000             |
| 32     | 45657  | 202410101110275 | Palak Singh           | B.Tech. (CSE) 1 <sup>st</sup> Year         | 5,000              |
| 33     | 42748  | 202010101110278 | Swati Tiwari          | B.Tech. (CSE) 1 <sup>st</sup> Year         | 10,000             |
| 34     | 42526  | 202410101110290 | Abhay Mishra          | B.Tech. (CSE) 1 <sup>st</sup> Year         | 15,000             |
| 35     | 45569  | 202410101050039 | Arun Kumar            | MCA 1 <sup>st</sup> Year                   | 15,000             |

2. The sanctioned amount will be credited/adjusted against their Course Fees.



**Dr. Abhay Singh**  
Deputy Registrar, Academics

## 5. Student Insurance Policy



**BEST HEALTH INSURANCE**  
COMPANY OF THE YEAR  
INDIA INSURANCE SUMMIT & AWARDS 2023

### Policy Certificate - Group Care 360° PA

SHRI RAMSWAROOP MEMORIAL CHARITABLE TRUST  
SHRI RAMSWAROOP MEMORIAL, FAIZABAD ROAD  
BBK, FAIZABAD ROAD, BBK, UP  
FAIZABAD  
UTTAR PRADESH-224001

|                            |   |
|----------------------------|---|
| Policy No                  | 97050948  |
| Name of Policyholder       | SHRI RAMSWAROOP<br>MEMORIAL CHARITABLE<br>TRUST |
| Cover type                 | Individual                                      |
| Policy Period - Start Date | 00:00 hrs 05-Feb-2025                           |
| Policy Period - End Date   | Midnight 04-Feb-2026                            |

GSTN : NA  
STATE CODE : 09

### Premium Details

| Premium   | CGST | IGST       | UGST/SGST | Total Premium | Premium Payment Mode |
|-----------|------|------------|-----------|---------------|----------------------|
| ₹ 531,786 | ₹ 0  | ₹ 95721.48 | ₹ 0       | ₹ 627,507     | ANNUAL PREMIUM       |

### Details of Insured

| S No. | Particulars             | Nos.  |
|-------|-------------------------|-------|
| 1     | Primary Insured Members | 6,740 |
| 2     | Dependents              | 0     |
|       | Total                   | 6,740 |

## 6. Students Scholarship/ Fee Reimbursement



# SHRI RAMSWAROOP MEMORIAL UNIVERSITY

**Current Status of Scholarship/Fee Reimbursement 2024-25**

As on 22/05/2025

| Category                                      | Applied Form       | Scholarship/Fee Reimbursement Received | Not Received    |
|---|--------------------|--|-----------------|
| General                                       | 1102               | 1076                                   | 26              |
| SC  | 129                | 119                                    | 10              |
| ST  | 5                  | 0                                      | 5               |
| OBC   | 1000               | 622                                    | 378             |
| Minority                                      | 160                | 114                                    | 46              |
| <b>Total</b>                                  | <b>2396</b>        | <b>1931</b>                            | <b>465</b>      |
| Scholarship & Fee Reimbursement amount issued |                    |  |                 |
| Category                                      | Scholarship amount | Fee Reimbursement amount               | Total amount    |
| General                                       | 7698500            | 40921000                               | 48619500        |
| OBC   | 3823910            | 19539943                               | 23363853        |
| SC (State Share)                              | 292600             | 3826696                                | 4119296         |
| SC (Center Share)                             | 731500             | 9566741                                | 10298241        |
| ST  | 0                  | 0                                      | 0               |
| Minority                                      | 788190             | 4750000                                | 5538190         |
| <b>Total amount issued</b>                    | <b>13334700</b>    | <b>78604380</b>                        | <b>91939080</b> |

## 7. Tablet Distribution Details

**TABLET DISTRIBUTION (Session: 2024-25)**  
**(under Swami Vivekanand Yuva Sashaktikaran Yojana by UP Govt.)**

| Uploaded Students' Data on DigiShakti Portal | Students locked by Department | Total Tablet Mapped with students | Total Tablet Distributed by the University | Pending and hold Tablet with University till date |
|--|-------------------------------|-----------------------------------|--|---|
| 3189   | 2932                          | 1056                              | 1027                                       | 29  |

## Dharohar

| क्रम० सं० | कार्यक्रम का नाम   | कार्यक्रम की दिनांक |
|-----------|--|---------------------|
| 1.        | डिप्लोमा इन श्रीमद्भगवद्गीता                                       | 1 जून 2024          |
| 2.        | कृष्ण जन्माष्टमी- रहस्यमयी उत्सव: कृष्ण जन्मोत्सव                  | 24 अगस्त 2024       |
| 3.        | भारतीय संस्कृति ज्ञान परीक्षा - सांस्कृतिक क्रान्ति हेतु एक प्रयास | 23 अक्टूबर 2024     |
| 4.        | संगोष्ठी- श्रीमद्भगवद्गीता के दृष्टिकोण से कार्य करने की कला       | 20 नवंबर 2024       |
| 5.        | संगोष्ठी: महाकुम्भ- एक प्रमुख तीर्थ यात्रा एवं त्योहार             | 29 जनवरी 2025       |
| 6.        | संगोष्ठी: भारतीय संस्कृति  | 31 जनवरी 2025       |
| 7.        | संगोष्ठी: भारतीय नवसंवत्सर 2082 एवं चैत्र नवरात्रि                 | 1 अप्रैल 2025       |
| 8.        | सर्टिफिकेट कोर्स: "रामायण से नेतृत्व की शिक्षा"                    | 5 अप्रैल 2025       |
| 9.        | लेखनी: कबीरदास   | 23 अप्रैल 2025      |

### डिप्लोमा इन श्रीमद्भगवद्गीता

(1 जून 2024-20 नवंबर 2024)

श्री रामस्वरूप मेमोरियल विश्वविद्यालय, बाराबंकी में धरोहर एवं मर्यादा पुरुषोत्तम श्री रामचंद्र इंस्टिट्यूट ऑफ वैदिक एजुकेशन, अयोध्या के संयुक्त प्रयास से "डिप्लोमा इन भगवद्गीता" पाठ्यक्रम की शुरुवात 1 जून 2024 हुई थी, जिसका उद्देश्य विद्यार्थियों को भगवद्गीता का ज्ञान करना, भगवद्गीता के श्लोकों, उनके अर्थ, और उसके गहरे आध्यात्मिक तथा दार्शनिक शिक्षाओं की समझ प्रदान करना था।

इस पाठ्यक्रम को विभिन्न चरणों (18 अध्यायों) में विभाजित किया गया है ताकि छात्र भगवद्गीता को गहराई से समझ सकें। इसमें प्रत्येक अध्याय की शिक्षाओं, श्लोकों, और उनकी व्याख्या को समझाया गया। कर्मयोग, भक्तियोग, ज्ञानयोग, और राजयोग जैसे विभिन्न योगों का गहराई से अध्ययन किया गया और उनके व्यावहारिक पहलुओं पर चर्चा की गई। कक्षाओं का आयोजन ऑनलाइन और ऑफलाइन दोनों पद्धति में किया गया। प्रत्येक अध्याय के अंत में छात्रों का मूल्यांकन किया गया। इस पाठ्यक्रम में छात्र- छात्राओं के साथ शिक्षकगण ने भी बढ़-चढ़ के हिस्सा लिया। पाठ्यक्रम का समापन समारोह बुधवार 20 नवंबर 2024 को हुआ एवं सभी सफल प्रतिभागियों को प्रमाणपत्र प्रस्तुत किया गया।

### कृष्ण जन्माष्टमी: "रहस्यमयी उत्सव: कृष्ण जन्मोत्सव"

(24 अगस्त 2024)

धरोहर द्वारा श्री रामस्वरूप मेमोरियल विश्वविद्यालय, बाराबंकी में कृष्ण जन्माष्टमी का पर्व बड़े ही हर्षोउल्लास के साथ 24 अगस्त 2024 को मनाया गया। इस अवसर पर धरोहर एवं मर्यादा पुरुषोत्तम श्री रामचंद्र इंस्टिट्यूट ऑफ वैदिक एजुकेशन, अयोध्या द्वारा एक विशेष व्याख्यान "रहस्यमयी उत्सव: कृष्ण जन्मोत्सव" का आयोजन किया गया। जिसमें सभी छात्रों ने कृष्ण के जन्म के रहस्य एवं उनकी बाल लीलाओं को जाना इसके साथ ही विश्वविद्यालय के छात्र- छात्राओं के लिए "श्री कृष्ण रेखाचित्रण प्रतियोगिता" का आयोजन भी किया गया, जिसमें सभी छात्र- छात्राओं ने बढ़-चढ़ हिस्सा लिया एवं श्री कृष्ण के अत्यंत मनमोहक रेखाचित्रण बनाए, जिसे देख के सभी आश्चर्य चकित थे। श्री कृष्ण की बाल लीलाओं को सुन के सभी छात्र मंत्र- मुग्ध थे। इस विशेष व्याख्यान कार्यक्रम में श्री रामस्वरूप मेमोरियल विश्वविद्यालय के सभी छात्र एवं शिक्षकगण उपस्थित थे। विश्वविद्यालय की प्रति कुलाधिपति ने श्री कृष्ण रेखाचित्रण प्रतियोगिता में भाग लेने वाले सभी प्रतिभागियों को सम्मानित एवं प्रोहत्साहित किया।

### भारतीय संस्कृति ज्ञान परीक्षा

(23 अक्टूबर 2024)

धरोहर, शिक्षा एवं अनुसंधान संस्थान एवं श्री वेदमाता गायत्री ट्रस्ट, शांतिकुंज, हरिद्वार के संयुक्त तत्वाधान में श्री रामस्वरूप मेमोरियल विश्वविद्यालय, बाराबंकी में "भारतीय संस्कृति ज्ञान परीक्षा" (सांस्कृतिक क्रान्ति हेतु एक प्रयास) का आयोजन 23 अक्टूबर 2024 किया गया था, इस परीक्षा में करीब 150 छात्र- छात्राओं ने भाग लिया। भारतीय संस्कृति ज्ञान परीक्षा एक प्रतियोगिता है जो भारतीय संस्कृति, इतिहास, साहित्य, दर्शन, कला और सांस्कृतिक धरोहर के बारे में ज्ञान को परीक्षित करती है। यह अखिल विश्व गायत्री परिवार द्वारा प्रतिवर्ष आयोजित एक परीक्षा है जिसमें भारतीय संस्कृति के ज्ञान की परीक्षा ली जाती है। इसका उद्देश्य है कि छात्र- छात्राएं भारतीय संस्कृति के तथ्यों से अवगत करना होता है। इस परीक्षा में प्रथम,

द्वितीय और तृतीय स्थान प्राप्त करने वाले छात्रों को मेडल एवं प्रमाण पत्र से सम्मानित किया गया, जिसमें कि प्रथम स्थान- चंद्रप्रकाश यादव, द्वितीय स्थान- आदित्य नारायण, एवं तृतीय स्थान- आदर्श सिंह को प्राप्त हुआ एवं सभी प्रतिभागियों को प्रतिभागिता हेतु प्रमाण पत्र वितरित किए गए। जिसका प्रमाण पत्र वितरण समारोह 31 जनवरी 2025 को किया गया।

### **संगोष्ठी: श्रीमद्भगवद्गीता के दृष्टिकोण से कार्य करने की कला**

(20 नवंबर 2024)

श्री रामस्वरूप मेमोरियल विश्वविद्यालय, बाराबंकी में धरोहर द्वारा बुधवार 20 नवंबर 2024 को श्रीमद्भगवद्गीता के दृष्टिकोण से कार्य करने की कला पर एक संगोष्ठी का आयोजन किया गया। इस संगोष्ठी में प्रमुख वक्ता के रूप में आदित्य नारायण प्रभुजी, इस्कॉन हमारे बीच उपस्थित थे। इस कार्यक्रम का उद्देश्य छात्रों को कार्य करने की सही कला, समय प्रबंध की सही तकनीक से परिचित करना था, जिससे छात्र समय का सही प्रयोग करके अपने जीवन के लक्ष्य को प्राप्त कर सकें। उन्होंने छात्रों को बताया कि श्रीमद्भगवद्गीता के अनुसार, कार्य करने की कला का सार है कर्मयोग, जिसका अर्थ है फल की इच्छा किए बिना, अपने कर्तव्य का पालन करना। कर्मयोग न केवल कार्य करने का एक तरीका है, बल्कि जीवन जीने का एक दर्शन भी है। इस संगोष्ठी में छात्र-छात्राओं सहित शिक्षकगणों ने हिस्सा लिया। सभी इस संगोष्ठी में प्रतिभागिता कर एवं अपने प्रश्नों का उत्तर प्राप्त कर संतुष्टि का अनुभव रहे थे।

### **वेब संगोष्ठी- महाकुम्भ: एक प्रमुख तीर्थ यात्रा एवं त्योहार**

(29 जनवरी 2025)

महाकुम्भ के शुभ अवसर पर श्री रामस्वरूप मेमोरियल विश्वविद्यालय के में धरोहर एवं, शिक्षा एवं अनुसंधान संस्थान ने महाकुम्भ: एक प्रमुख तीर्थ यात्रा एवं त्योहार विषय पर 29 जनवरी 2025 को एक वेब संगोष्ठी का आयोजन किया गया। इस कार्यक्रम में डॉ. रश्मि सिंह, प्रयागराज से अतिथि वक्ता के रूप में उपस्थित थी। इस कार्यक्रम का उद्देश्य छात्रों को महाकुम्भ के महत्व एवं उपयोगिता के विषय पर ज्ञान प्रदान करना था। उन्होंने बताया कि महाकुम्भ दुनिया का सबसे बड़ा धार्मिक आयोजन है, जहाँ करोड़ों श्रद्धालु पवित्र नदियों में स्नान करने और शांति प्राप्त करने के लिए एकत्रित होते हैं। यह हिन्दू धर्म में एक महत्वपूर्ण तीर्थ यात्रा और उत्सव है, जो प्रयागराज, हरिद्वार, उज्जैन और नासिक में आयोजित होता है। महाकुम्भ न केवल धार्मिक आस्था का प्रतीक है, बल्कि यह भारत की संस्कृतिक धरोहर और परम्पराओं को भी दर्शाता है। इस वेब सेमीनार में श्री रामस्वरूप विश्वविद्यालय के अतिरिक्त अन्य विभिन्न विश्वविद्यालय के छात्र- छात्राओं एवं शिक्षकगण ने बढ़-चढ़ के हिस्सा लिया।

### **संगोष्ठी: भारतीय संस्कृति**

(31 जनवरी 2025)

धरोहर, शिक्षा एवं अनुसंधान संस्थान एवं श्री वेदमाता गायत्री ट्रस्ट, शांतिकुंज, हरिद्वार के संयुक्त तत्वावधान में श्री रामस्वरूप मेमोरियल विश्वविद्यालय, बाराबंकी में "भारतीय संस्कृति" विषय पर 31 जनवरी 2025 को एक संगोष्ठी का आयोजन किया गया। इस संगोष्ठी में डॉ० ए० पी० शुक्ला, मैनिजिंग ट्रस्टी, गायत्री परिवार वक्ता के रूप में उपस्थित थे। इस कार्यक्रम का मुख्य उद्देश्य छात्र- छात्राओं को भारतीय संस्कृति एवं उसके महत्व से परिचित करना था। उन्होंने छात्र- छात्राओं को बताया कि भारतीय संस्कृति का केंद्र हिंदू धर्म है, जो सिर्फ एक धर्म नहीं बल्कि एक व्यापक जीवन शैली है। भारतीय संस्कृति का लोकाचार हिंदू धर्म के सिद्धांतों और इसके सह-अस्तित्व और वसुधैव कुटुंबकम के मूल दर्शन के साथ जुड़ा हुआ है। इस संगोष्ठी में श्री रामस्वरूप विश्वविद्यालय के सभी संकाय के छात्र- छात्राओं ने भाग लिया।

### **संगोष्ठी: भारतीय नवसंवत्सर 2082 एवं चैत्र नवरात्रि**

(1 अप्रैल 2025)

भारतीय नव संवत्सर 2082 एवं दुर्गा पूजा के शुभ अवसर पर श्री रामस्वरूप मेमोरियल विश्वविद्यालय में धरोहर द्वारा "देवीची रूपे: नव दुर्गा" एवं "सर्वश्रेष्ठ कर्म: यज्ञ (एक वैज्ञानिक और आध्यात्मिक प्रक्रिया)" पर 1 अप्रैल 2025 को एक वेब संगोष्ठी का आयोजन किया गया। इस कार्यक्रम का उद्देश्य छात्रों को भारतीय नव वर्ष के साथ-साथ दुर्गा पूजा एवं यज्ञ के आध्यात्मिक एवं वैज्ञानिक महत्व से अवगत करना था। इस कार्यक्रम में अजय श्रीवास्तव, प्रोजेक्ट मैनेजर, यज्ञ के वैज्ञानिक पहलू, आईसीएआर-सीएसएसआरआई, लखनऊ वक्ता के रूप में उपस्थित थे। उन्होंने छात्र- छात्रों को बताया कि "देवीची रूपे: नव दुर्गा" नारी शक्ति के नौ रूपों का प्रतीक है, जो शक्ति, करुणा, साहस और सृजन की भावनाओं को दर्शाते हैं। उन्होंने यज्ञ की महत्ता को बताते हुए कहा कि, यज्ञ संस्कृत धातु "यज्" से बना है, जिसका अर्थ होता है – देव पूजा, संगतिकरण और दान। वेदों में यज्ञ को सबसे श्रेष्ठ कर्म बताया गया है क्योंकि यह न केवल आध्यात्मिक उन्नति का मार्ग है, बल्कि सामाजिक

और पर्यावरणीय संतुलन का भी आधार है। आध्यात्मिक रूप से यज्ञ आत्मा की शुद्धि, अहंकार के क्षय और ब्रह्म से एकात्म होने की प्रक्रिया है। विज्ञान की दृष्टि से, यज्ञ में डाली जाने वाली औषधियाँ — जैसे गुग्गुलु, कपूर, चंदन, इलायची, गाय का घी, और अन्य जड़ी-बूटियाँ — जब अग्नि में डाली जाती हैं तो वायुमंडल में पॉजिटिव ऊर्जा और औषधीय गैसों उत्पन्न होती हैं। इस कार्यक्रम में विश्व विद्यालय के छात्र-छात्राएँ एवं शिक्षकगण उपस्थित थे।

### सर्टिफिकेट कोर्स: "रामायण से नेतृत्व की शिक्षा"

(5 अप्रैल-22 अप्रैल, 2025)

धरोहर, श्री रामस्वरूप मेमोरियल विश्वविद्यालय (SRMU) में राम नवमी के उपलक्ष्य में 5 अप्रैल 2025 को छात्र-छात्राओं के लिए "रामायण से नेतृत्व की शिक्षा" पाठ्यक्रम की शुरुआत गई। इस कार्यक्रम का उद्देश्य रामायण के माध्यम से नेतृत्व के सिद्धांतों को समझना था। इस पाठ्यक्रम में रामायण में निहित कर्तव्य, धर्म, बुद्धिमत्ता और नेतृत्व सिद्धांतों पर गहराई से चर्चा की गई। इस कार्यक्रम के मुख्य अतिथि एवं वक्ता, इस्कॉन सदस्य, आदित्य नारायण दास जी ने सभा को संबोधित करते हुए कहा कि लाखों वर्षों के बाद भी हम राम के गुणों तथा नेतृत्व की तुलना करते हैं क्योंकि उनकी नैतिकता उन्हें श्रेष्ठ बनाती है साथ ही उन्होंने कहा कि नेतृत्व के लिए सबसे महत्वपूर्ण चीज कौशल, ज्ञान तथा नैतिक मूल्य हैं। कार्यक्रम में रामायण से प्रेरित नेतृत्व गुणों पर विशेष जोर दिया, साथ ही यह भी बताया कि कैसे रामायण के सिद्धांतों को आधुनिक समय में लागू किया जा सकता है। कार्यक्रम के दौरान, प्रतिभागियों ने वाद-विवाद एवं समूह चर्चा सत्र में भाग लिया, जिसमें उन्होंने अपने विचार साझा किए। कार्यक्रम का समापन इस संदेश के साथ हुआ कि कैसे हम रामायण के नेतृत्व सिद्धांतों को आत्मसात कर हम अपने आधुनिक जीवन में उन्हें सफलतापूर्वक लागू कर सकते हैं। इस कार्यक्रम में विश्वविद्यालय के विभिन्न विभागों के छात्र-छात्राओं एवं शिक्षकगण ने सक्रिय रूप से योगदान किया। इस कार्यक्रम का समापन 22 अप्रैल 2025 को किया गया एवं प्रतिभागियों को प्रमाण पत्र वितरित किए गए।

### लेखनी: कबीरदास

(23 अप्रैल 2025)

श्री रामस्वरूप मेमोरियल विश्वविद्यालय में धरोहर द्वारा लेखनी कार्यक्रम का शुभारंभ 23 अप्रैल 2025 से किया गया। इस कार्यक्रम का मुख्य उद्देश्य हमारी वास्तविक धरोहर, हमारे भारतीय लेखक एवं उनके विचारों, भावनाओं, प्रयासों, सामाजिक योगदानों पर चर्चा करना था, जिससे इनकी विचारधारा से हम सभी प्रभावित होके अपनी सोच को बदल सकें एवं जीवन की सच्चाई को जान सकें। इस कार्यक्रम में विश्वविद्यालय के छात्र-छात्राओं, शिक्षकगणों के साथ-साथ विश्वविद्यालय की प्रति कुलाधिपति एवं धरोहर की संरक्षिका अभियंता पूजा अग्रवाल जी ने भी अपनी प्रतिभागिता दिखायी। उन्होंने कबीर के जीवन और उनके विचारों की एक झलक छात्र-छात्राओं के समझ रखीं एवं कबीर के प्रसिद्ध दोहे एवं उलटबांसी सभी छात्र-छात्राओं को सुनायी और उनके अर्थ को आधुनिक जीवन से जोड़ कर छात्रों तक कबीरदास के संदेश को पहुँचाया। इसके अतिरिक्त विश्वविद्यालय के अन्य शिक्षकगणों एवं छात्र-छात्राओं ने कबीरदास की शिक्षाओं पर अपने-अपने मत साझा किए। कार्यक्रम का अंत कबीरदास के भजन से हुआ, जिसको सुन कर सभी छात्र-छात्राएँ सम्मोहित हो गए। कार्यक्रम के अंत में प्रतिभागियों को प्रमाणपत्र वितरित किया गया।



डिप्लोमा इन श्रीमदभगवद्गीता



कृष्ण जन्माष्टमी



भारतीय संस्कृति ज्ञान परीक्षा



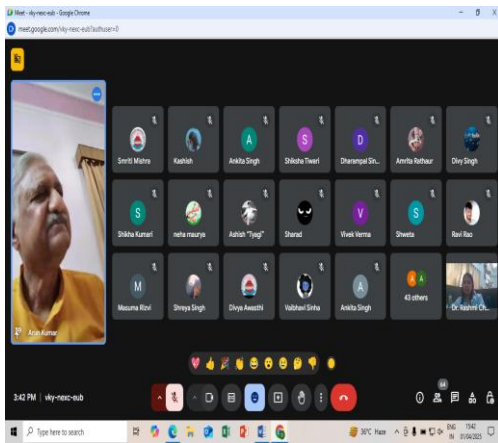
श्रीमद्भगवद्गीता के दृष्टिकोण से कार्य करने की कला



महाकुम्भ: एक प्रमुख तीर्थ यात्रा एवं त्योहार



संगोष्ठी: भारतीय संस्कृति



संगोष्ठी: भारतीय नवसंवत्सर 2082 एवं चैत्र नवरात्रि



सर्टिफिकेट कोर्स: "रामायण से नेतृत्व की शिक्षा"



लेखनी: कबीरदास