



SHRI RAMSWAROOP MEMORIAL UNIVERSITY

ANNUAL REPORT: 2023-24



LUCKNOW DEVA ROAD, BARABANKI

UTTAR PRADESH-225003

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Chancellor's Message

The Annual Report (2023-24) 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 2023-24 and to recruit the top students.

The institution has successfully continues to set a benchmark this year in enhancing capabilities to serve the community. The collective efforts of the faculty and students increased the 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 use 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 2023-24 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 the 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 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 2023-2024. 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 01.07.2023 to 30.06.2024 highlighting the activities and achievements of Shri Ramswaroop Memorial University during the year 2023-2024 is presented herewith.

The Report consists of:

- Achievements and highlights of activities of the relevant period (01.07.2023 to 30.06.2024)
- 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 comprised of 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.

SHRI RAMSWAROOP MEMORIAL UNIVERSITY

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 under-graduate, 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 endeavour to impart education which enhances the personality of our students, giving them the 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 a 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 in realizing 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 betterment. 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 availabilities 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, to develop working models/prototypes based on the technical skills acquired in the entire course span.

2. List of Programs as running in 2023-24

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

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

- i) Krishna Yadav (B. Tech. 3rd Year) was offered the position of Under Officer in NCC.
- ii) Kushagra Mohan Singh (B. Tech. 3rd Year) won 2nd prize in group dance competition in Anubhuti 2k24 at university level.
- iii) Ramendra Singh (B. Tech. 2nd Year) won 2nd prize in carrom competition in Utsaah 2k24.
- iv) Priyanshu Singh (B. Tech. 4th Year) won 1st prize in volleyball in NFSI open national tournament.
- v) Himanshu Singh (B. Tech. 3rd Year) won 1st prize in cricket competition in Utsaah 2k24.

4. MoU Activities

- i) A workshop on REVIT Architecture was organized on 11th October, 2023 in collaboration with CADDESK.
- ii) A 4-week value added course on REVIT Architecture was organized from 30th October – 1st December, 2023 in collaboration with CADDESK.
- iii) A 6-week value added course on Estimation and Costing with use of AutoCAD and Microsoft Excel was organized from 23rd February – 6th April, 2024 in collaboration with CADDESK.

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

- i) A workshop on REVIT Architecture was organized on 11th October, 2023 in collaboration with CADDESK.
- ii) A workshop on Uttar Pradesh Energy Conservation Building Code, 2018 was organized on 29th February, 2024 in association with UPNEDA.
- iii) An industrial visit for B. Tech. students was planned to Indira Canal Aqueduct, Lucknow on 7th October, 2023.
- iv) An industrial visit was planned to Sewage Treatment Plant, Bharwara on 8th April, 2024.
- v) An industrial visit to Construction Site of SRMU B6 block was planned on 9th March, 2024.
- vi) A 4-week value added course on REVIT Architecture was organized from 30th October – 1st December, 2023 in collaboration with CADDESK.
- vii) A 6-week value added course on Estimation and Costing with use of AutoCAD and Microsoft Excel was organized from 23rd February – 6th April, 2024 in collaboration with CADDESK.

6. Achievements of faculty members

Research

- i) Dr. Mohd Zain and Er. Rishabh Joshi were awarded with Research Excellence Award on 15th August 2023.
- ii) Er. Anju Patel was awarded with Research Excellence Award in Anubhuti 2k24.
- iii) Er. Rishabh Joshi won 3rd prize in International Conference on Recent Trends in Biological and Chemical Sciences jointly organized by Hindu College, University of Delhi and SRMU.

Academic

- iv) Er. Rishabh Joshi won Teaching Learning and Innovation award (University level 1st prize) on 26th January 2024.

Curricular

- i) Prof. (Dr.) Abhishek Saxena was invited as a resource person in UP-CST.

7. Consultancy

Prof. (Dr.) Abhishek Saxena was granted UP-CST project worth Rs. 9.64 lacs by UP Government on “Affordable Filters for Arsenic Removal from drinking water using bio-adsorption techniques (Project Id: 1785)”. Funding of Rs. 2.80 lacs received in 2023-24.

8. Research Publications

- i) Sandhya Maurya, Abhishek Saxena, “The sources, leaching, remediation, and environmental concerns associated with groundwater salinity”, Environmental Science and Pollution Research (2023).
- ii) Sandhya Maurya, Abhishek Saxena, Anju Patel, “Evaluation of plant-based natural coagulants for surface water treatment of Pratapgarh District Uttar Pradesh, India”, Journal of Tropical Forestry and Environment (2024).
- iii) Sandhya Maurya, Abhishek Saxena, “Health risk assessment of groundwater quality A case study of Pratapgarh district U.P, (India)”, King Saud University Science (2024).
- iv) Sandhya Maurya, Anjali Singh, Rishabh Joshi, Abhishek Saxena, “Source minerals for the release of salinity in the groundwater: A case study of Pratapgarh district, Uttar Pradesh, India”, The Journal of the Geological Society of India (2024).

- v) Rakesh Varma, Study and design of Cement Concrete Lining of Canal”, Journal of Harbin Engineering University (2023).

9. Honor/Award/ Recognition

- i) Prof. (Dr.) Abhishek Saxena was invited as resource person in UP-CST on 11th May, 2024.
- ii) Rishabh Joshi won university level 1st prize in Teaching Learning and Innovation Award on 26th January, 2024.
- iii) Rishabh Joshi and Mohd Zain won Research Excellence Award at institute level on 15th August, 2023.
- iv) Rishabh Joshi won 3rd prize in International Conference on Recent Trends in Biological and Chemical Sciences-2023.

10. PhD awarded

04 PhD awarded in Structural Engineering and Environmental Engineering.

11. Photographs



Rishabh Joshi and Mohd Zain awarded Research Excellence Award 2023-24



Teacher's Day Celebrations



Field Visit to Indra Canal Aqueduct



Field visit to construction site



Dr. Mohd. Zain and Dr. Sandhya Maurya awarded PhD (from left to right)



Survey Camp to Dehradun Mussoorie 2k24



Research Excellence Award in Anubhuti 2k24



Rishabh Joshi awarded Teaching Learning and Innovation award (University Level 1st prize)



Ramendra Singh (B. Tech. 2nd Year) and Himanshu Singh (B. Tech. 3rd Year) awarded 2nd prize in carrom competition and 1st prize in cricket competition (Utsaah)



Krishna Yadav (B. Tech. 3rd Year) in NCC Camp



Kushagra Mohan (B. Tech. 3rd year) performing with Korean sensation Aora

Department of Computer Science and Information Systems

1. Introduction about the department

We at DCSIS provide a wealth of computing resources for teaching and research. For solitary research projects in the fields of distributed computing, mobile systems, networking, security, computer architecture, and vision, the department provides specialized equipment. Our students' access to resources helps them acquire the abilities and know-how required for success in the field of computing. Our well-developed curriculum and completely adjustable credit system provide our students the freedom to select whatever courses they are interested in while also enabling them to gain applicable information and skills. The department provides Computer Applications programs at the undergraduate, graduate, and doctorate levels. Our programs aim to give students extensive knowledge and abilities in the specific fields of their choice, together with a strong foundation in the basic ideas of computer science.

The department is a leader in technology in India because to its cutting-edge infrastructure and solid industrial partnerships. With over 1000 cutting-edge computers outfitted with the newest instruments and technologies, our teachers and students are able to carry out innovative research and cutting-edge projects in a wide range of computer science and information systems-related fields. In brief, with strong emphasis on research, teaching, and community outreach, the Department of Computer Science & Information Systems is a preeminent organization in the field of computer application. Our students benefit from flexible courses and abundant computer resources, as well as academic members committed to research that help them gain relevant knowledge and skills. We are convinced that our students will dominate the CSIS industry in the future because to our dedication to innovation and quality.

2. List of Programs as running in 2023-24

1. Bachelor of Computer Application
2. Bachelor of Computer Application (Data Science and Artificial Intelligence)
3. Bachelor of Computer Application (Data Science)
4. Bachelor of Computer Application (Artificial Intelligence)
5. Bachelor of Computer Application (Cloud Computing)
6. Bachelor of Computer Application (Cyber Security)
7. Bachelor of Computer Application (Industry Integrated in collaboration with Sunstone)
8. Bachelor of Computer Application (FSD in collaboration with CollegeDekho)
9. Bachelor of Science (Information Technology)
10. Bachelor of Science (Information Technology with Artificial Intelligence)
11. Bachelor of Science (Information Technology with Data Science)
12. Bachelor of Science (Information Technology with Cloud Computing)
13. Bachelor of Science (Information Technology with Cyber Security)
14. Masters of Computer Application
15. M. Tech (Data Science)
16. 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>=9)
1	BCA(AI) 1 st year	25	24	92.59	0
2	BCA(DS) 1 st year	50	49	85.46	0
3	BCA(CC) 1 st year	8	7	88.89	0
4	BCA(CS) 1 st year	10	8	71.43	0
5	BCA 2 nd year	45	45	100	0

6	BCA(AI) 2 nd year	17	7	100	0
7	BCA(DS) 2 nd year	22	21	95.451	1
8	MCA 1 st year	72	72	100	0

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

S. No	Description	Date	Session	Activity	Speaker
1	Voting Awareness Program "My Vote My Pride"	13-05-24	2023-24	Awareness Program	Department of Extension Services and Department of CSIS
2	Awsar and Techfest (Innovation/ Startup/ Entrepreneurship/ Incubation)	12-04-24 to 13-04-24	2023-24	Tech-Fest	Tech-Fest organized by DCSIS, CSE, University club in association with Savishkar ABVP
3	National Science day(workshop on Tech-Robo)	28-02-24	2023-24	Workshop	Dr. Arun Mohan Sherry (Director IIT Lucknow) along with Pradesh Sangathan Mantri Vigyan Bharti Er. Shryansh Ji mandloi ji
4	Open talk on technological advancement and social imposition	22-02-24	2023-24	Guest Lecture	Prof. Ambrish S. Vidyarthi, Honorable Vice Chancellor Bikaner Technical University Rajasthan
5	National Youth Day	12-01-24	2023-24	Guest Lecture	Mr. Anshul ji Prant Sangathan Mantri ABVP- Youth day
6	Transforming Research: Navigating the Digital Frontier-A Deep Dive into Digital Innovation in Banking	28-12-2023	2023-24	Guest Lecture	Dr. Rajeev Kumar
7	Uses of Block chain in Internet of Medical Things: A Systematic Review	20-12-2023	2023-24	Guest Lecture	Dr. Bineet Kumar Gupta
8	Excelling the Capabilities for placement	27-10-2023	2023-24	Guest Lecture	Dr. Om Prakash
9	Engineer's Day	15-09-2023	2023-24	Seminar	Dr. G.P. Singh
10	Orientation Programme for New Student	25-08-2023	2023-24	Seminar	Mr. Arun Kumar Singh

5. Patents : 02

6. Books/ Book Chapter published : 02

7. Research Publications : 22

8. PhD awarded : 03

Department of Computer Science and Engineering

1. Introduction about the department

Department of Computer Science and Engineering was established in the year of 2012. It offers graduate, post graduate and doctoral program. Department maintains standards of academic, research and extracurricular activities. The vision of the department is to build the nation by fostering research oriented studies in computer science and engineering and develop indigenous technologies for the advancement of the society. The mission of department is to impart the most recent knowledge in computer science and engineering to graduate and post graduate students and nurturing them for professional and ethical growth. Best practices followed by department include Student research cell, mentor mentee program, peer to peer teaching, and globally renowned eminent speakers. Department always focus on Continuous growth of students and faculties and many alumni of department are working with top IT companies.

2. List of Programs as running in 2023-24

- i) Bachelor of Technology Computer science & Engineering
- ii) Bachelor of Technology (Data Science and Artificial Intelligence)
- iii) Bachelor of Technology (Cloud Computing and Artificial Intelligence)
- iv) Master of Technology Computer science & Engineering
- v) Ph.D.

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

Students have participated in many outreach activities via NSS and NCC programs, blood donation camp, Traffic awareness drive.

Students have also participated in Sports activities like Spardha 2023, IIT BHU, UTSAAH 24,SRMU, Students have also participated in TechNex 24 by IIT BHU, Zonal level CODECODE by TechFest IIT Bombay, Codex ,Techfusion club SRMU etc. & students cleared GATE, 1 student cleared CAT .

Shivam Agarwal selected in BITS Pilani for M.tech Program, Deabsish Bose selected for NIT Karnataka for M.tech Program, Shayon Bhaduri selected for IIT Mandi for MBA program.

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

- i) Dr. Satya Bhushan Verma, Gunjan Mishra, Ms Anjali awasthi coordinated workshop conducted on the topic – MERN Stack by e-Brain[s] Tech team on 20 March 2024.
- ii) Dr. Satya Bhushan Verma, Gunjan Mishra coordinated workshop conducted on the topic – Technological Advancement and Social Implication by Prof. Ambrish S. Vidyarthi, on 22 February 2024.
- iii) Dr. Satya Bhushan Verma, Gunjan Mishra coordinated workshop conducted on the topic – How to memorize faster and retain it for longer duration and career opportunities for Engineers on 7 March 2024.
- iv) Dr. Satya Bhushan Verma, Gunjan Mishra coordinated workshop conducted on the topic – Data Science Using Python by resource person of Shri Balaji InfoTech. on 13 February 2024.
- v) Dr. Satya Bhushan Verma, Gunjan Mishra coordinated workshop conducted on the topic Roadmap to Data Structures & algorithms by Mr. Abhishek Srivastava (Coding Blocks).on 21 November 2023.
- vi) Dr. Satya Bhushan Verma, Gunjan Mishra coordinated workshop conducted on the topic – Data Science Using Python by resource person of Shri Balaji InfoTech. on 13 February 2024.
- vii) Dr. Satya Bhushan Verma, Gunjan Mishra coordinated workshop conducted on the topic Block Chain Technology on 25 October 2023.

- viii) Industrial Visit to Lucknow Metro Conducted by SRMU CSE department on 28/02/2024
- ix) Industrial Visit to Lucknow Metro Conducted by SRMU CSE department on 29/02/2024
- x) Dr. Satya Bhushan Verma Invited as a guest speaker in CSIR Advanced Materials and Processes Research Institute (AMPRI), Bhopal Vritika: Workshop and Internship Programme” sponsored by SERB-Accelerate Vigyan. On “Artificial Intelligence in Hydrological and Environmental Applications”
- xi) Dr. Satya Bhushan Verma Invited as a guest speaker in Three Days International Conference on INTELLECTUAL PROPERTY AND TECHNOLOGICAL INNOVATIONS IC-IPTI (2024), organized by Lucknow Public College of Professional Studies (LPCPS)”
- xii) Dr. Satya Bhushan Verma Invited as a speaker in Faculty Development Program (16th Aug-21th Aug 2023) on Digital Sensitization, organized by Shri Ramswaroop Memorial University, Barabanki, India”
- xiii) Dr. Satya Bhushan Verma Invited as a speaker (Resource Person) in national Seminar on World Water Day “Accelerating Sustainable Development through Water Innovation and Solutions” (22nd March 2024), organized by Shri Ramswaroop Memorial University, Barabanki, India and Students for Development (SFD)
- xiv) Er. Neeta Bhusal Sharma worked as a reviewer in “2nd International Conference on Distributive Technologies (ICDT-2024) on 15-16 March 2024 organised by CSE department of GL Bajaj Institute of Technology & Management, Greater Noida.
- xv) Mr. Neelesh Mishra Faculty of CSE department coordinating NCC: Combined annual Training Camp organized by 63 UP BN NCC Lucknow.

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

- i) A Review on Cloud Security Issues and Challenges Published by **Dr. Satya Bhushan Verma**, in ADCAIJ: Advances in Distributed Computing and Artificial Intelligence Journal, Non-Paid SCI
- ii) Resolving COVID’19 With BLOCKCHAIN and AI: A Systematic Review published by **Dr.Satya Bhushan Verma**,in ADCAIJ: Advances in Distributed Computing and Artificial Intelligence Journal, Non-Paid SCI
- iii) A Systematic Analysis of Various Approches of Word Sense Disambiguation published by **Dr. Satya Bhushan Verma**, in ADCAIJ: Advances in Distributed Computing and Artificial Intelligence Journal, Non-Paid SCI
- iv) Virtual machine migration based algorithmic approach for safeguarding environmental sustainability by renewable energy usage maximization in Cloud data centres published by Dr. Satya Bhushan Verma, International Journal of Information Technology, Electronic ISSN 2511-2112 Print ISSN 2511-2104, <https://doi.org/10.1007/s41870-023-01478-2>, Scopus
- v) SMART CONTRACTS Based Peer to Peer Communication in Blockchain: A Decentralized Approach presented by **Dr.Satya Bhushan Verma**, In the COMPLEX NETWORKS 2023, SCI 1142 Springer, organized Springer Nature Switzerland 28 - 30 November, 2023 Menton Riviera, France
- vi) Ransomware Anatomy, Impact, and Mitigation Strategies presented by **Dr. Satya Bhushan Verma**, In the 18th International Conference on Information Assurance and Security (IAS) Springer, organized Machine Intelligence Research Labs (MIR Labs) and KLE Technological University, India during December 13-15, 2023.
- vii) Federated Learning for GDPR Compliance presented by **Dr. Satya Bhushan Verma**, In the 18th Inter- national Conference on Information Assurance and Security (IAS) Springer, organized Machine Intelligence Research Labs (MIR Labs) and KLE Technological University, India during December 13-15, 2023
- viii) Uses of Blockchain in Internet of Medical Things: A Systematic Review presented by **Dr. Satya Bhushan Verma** In the International Conference on Intelligent Systems Design and Applications (ISDA) Springer, organized by Machine Intelligence Research Labs (MIR Labs) during December 13-15, 2023

- ix) Autonomous Development of Wireless Sensor Network: An Overview presented by **Dr. Satya Bhushan Verma**, International Conference On Research Methodology Used In Recent Innovations Through Management, Engineering, Science And Technology (Ic-Rmrimest 2023) on 23-25 March 2023
- x) Generative Adversarial Network in Biometrics: An Overview presented by **Dr. Satya Bhushan Verma**, International Conference on Research Methodology Used in Recent Innovations Through Management, Engineering, Science and Technology (Ic-Rmrimest 2023) on 23-25 March 2023
- xi) "The Blockchain Knowledge Gap: Tackling Cybersecurity and Data Privacy Challenges", presented by **Dr. Satya Bhushan Verma** in International Conference on Intellectual Property and Technological Innovations (IC-IPTI 2024)" organized by LPCPS Lucknow, India on 4th-6th March, 2024.
- xii) "Securing Cloud Environments: A Comprehensive Approach to Hypervisor-Based Malware Prevention and Detection International Conference on Intellectual Property and Technological Innovations (IC-IPTI 2024)" organized by LPCPS Lucknow, India on 4th-6th March, 2024.
- xiii) Use Literature Review on Skin lesion segmentation presented by **Dr. Satya Bhushan Verma**, In International Conference on Emerging Electronics and Automation (E2A-2023) Springer, organized by NATIONAL INSTITUTE OF TECHNOLOGY SILCHAR Assam, India – 788010 during December 15-17, 2023.
- xiv) **Dr. Anil Kumar Pandey published a paper on title "GESTURE RECOGNITION (SIGN LANGUAGE DETECTION)"** in International Research Journal of Modernization in Engineering Technology and Science,2023
- xv) **Dr. Anil Kumar Pandey published a paper on title "A REVIEW OF OBJECT DETECTION ALGORITHMS BASED ON DEEP LEARNING"** in International Research Journal of Modernization in Engineering Technology and Science,2023
- xvi) **Dr. Anil Kumar Pandey presented a paper on title "Handwritten text conversion by using ANN approach"** in International Conference of Computing and communication networks,2023,Elsevier SSRN
- xvii) **Dr. Anil Kumar Pandey presented a paper on title "Review of Intrusion detection System for e-commerce"** in International Conference on Emerging Trends in IoT and Computing Technologies Jan. 2024
- xviii) **Dr. Anil Kumar Pandey published a paper on title Technology Stack Used in BHARATNESTS a Booking and Rental App "** in International Research Journal of Modernization in Engineering Technology and Science, April 2024
- xix) **Er. Neeta Bhusal Sharma** presented a paper Title "Potential Application of Artificial Intelligence in Smart Agriculture in International on Integrating AI,Spirituality,Health care & Management for sustainable Well-Being' (IASHMS) in Amity University Lucknow on 26th September 2023.
- xx) **Er. Neeraj Kumar Published** book chapter "Machine Learning Techniques Used for Biomedical and Healthcare Systems" in Book Titled " Smart Electronic Devices and Systems for Biomedical and Healthcare Applications" ISBN 9781774918166.

6. Patents

- i) A patent granted on "Sensor Based Smart Shopping Bag" to Dr. Satya Bhushan Verma with patenno 401741-001 on 09/12/2023.
- ii) A patent granted on "AI based Thermoplastic Multipurpose Marking machine" to Dr. Satya Bhushan Verma with patent no 401741-001 on 09/12/2023.
- iii) A patent published by Neeta Bhusal Sharma on "Enhancing Data Security and Privacy in IoT Environments Through Block chain Technology" with patent no 202441013364 on 08/03/2024

7. Books/ Book Chapter published

Er. Neeraj Kumar Published book chapter "Machine Learning Techniques Used for Biomedical and Healthcare Systems" in Book Titled " Smart Electronic Devices and Systems for Biomedical and Healthcare Applications" ISBN 9781774918166.

8. Research Publications:

- i) A Review on Cloud Security Issues and Challenges Published by **Dr. Satya Bhushan Verma**, in ADCAIJ: Advances in Distributed Computing and Artificial Intelligence Journal, Non-Paid SCI
- ii) Resolving COVID'19 With BLOCKCHAIN and AI: A Systematic Review published by **Dr. Satya Bhushan Verma**, in ADCAIJ: Advances in Distributed Computing and Artificial Intelligence Journal, Non-Paid SCI
- iii) A Systematic Analysis of Various Approaches of Word Sense Disambiguation published by **Dr. Satya Bhushan Verma**, in ADCAIJ: Advances in Distributed Computing and Artificial Intelligence Journal, Non-Paid SCI
- iv) Virtual machine migration based algorithmic approach for safeguarding environmental sustainability by renewable energy usage maximization in Cloud data centres published by Dr. Satya Bhushan Verma, International Journal of Information Technology, Electronic ISSN 2511-2112 Print ISSN 2511-2104, <https://doi.org/10.1007/s41870-023-01478-2>. Scopus
- v) SMART CONTRACTS Based Peer to Peer Communication in Blockchain: A Decentralized Approach presented by **Dr. Satya Bhushan Verma**, In the COMPLEX NETWORKS 2023, SCI 1142 Springer, organized Springer Nature Switzerland 28 - 30 November, 2023 Menton Riviera, France
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- vii) Federated Learning for GDPR Compliance presented by **Dr. Satya Bhushan Verma**, In the 18th International Conference on Information Assurance and Security (IAS) Springer, organized Machine Intelligence Research Labs (MIR Labs) and KLE Technological University, India during December 13-15, 2023
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- xii) Securing Cloud Environments: A Comprehensive Approach to Hypervisor-Based Malware Prevention and Detection International Conference on Intellectual Property and Technological Innovations (IC-IPTI 2024)" organized by LPCPS Lucknow, India on 4th-6th March, 2024.
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- xiv) **Dr. Anil Kumar Pandey published a paper on title “GESTURE RECOGNITION (SIGN LANGUAGE DETECTION)”** in International Research Journal of Modernization in Engineering Technology and Science,2023
- xv) **Dr. Anil Kumar Pandey published a paper on title “A REVIEW OF OBJECT DETECTION ALGORITHMS BASED ON DEEP LEARNING”** in International Research Journal of Modernization in Engineering Technology and Science,2023
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- xix) **Er. Neeta Bhushan Sharma presented a paper Title “Potential Application of Artificial Intelligence in Smart Agriculture in International on Integrating AI, Sprituality, Health care & Management for sustainable Well-Being’ (IASHMS) in Amity University Lucknow on 26th September 2023.**

9. Honor/Award/ Recognition

- i) **Dr. Satya Bhushan Verma received National Achievers Award by National Achievers Award and Educator Conference.**
- ii) **Er. Neeta Bhushan Sharma worked as a reviewer in “2nd International Conference on Distributive Technologies (ICDT-2024) on 15-16 March 2024 organised by CSE department of GL Bajaj Institute of Technology & Management, Greater Noida.**

10. Photographs (Highlights of the department)



Faculty of Electrical Engineering

Introduction about the Department

The department of Electrical Engineering was established in 2012. Currently department is offering undergraduate, post graduate and doctorate programmes in various specialized disciplines of electrical engineering such as Power System, Power Electronics and Renewable Energy. Electric Vehicle field is an emerging field & field of the near future. Department has started Electric Vehicle and Electrical & Computer Engineering specialization programme for B.Tech/ M.Tech students. Students would have opportunity to pursue additional specialization in Electric Vehicles along with existing B. Tech courses in association with Morris Garages (MG)motors & ISIE. Programme is designed by industry experts with prime focus on practical industrial skill development towards E-Mobility. The department of Electrical Engineering has well qualified faculty members and most faculty members hold PG/doctorate from reputed institutes like IIT Delhi, IIT Roorkee, IT BHU and NIT Allahabad to name a few. Faculty members have specialization in diverse fields of Electrical Engineering such as Power systems, Electrical Machines, Electrical Drives, Control systems, Power Quality, Renewable Energy & Electric Vehicles. The faculty members have published significant number of research articles in International Journals, IEEE Transactions and in the Proceedings of various International and National Seminars, Conferences, Symposia and Workshops. The faculty members have also published several book chapters and prepared online teaching aid. The theoretical knowledge is further supplemented by well-equipped laboratories. Department is equipped with latest state of art laboratories for electrical machines, power electronics, electric drives, power systems, control systems, micro-processor & microcontroller, electrical engineering, measurements and instrumentation and renewable energy with excellent computing facilities such as Scilab, Labview & PLC/SCADA software.

List of Programs as running in 2023-24

- B.Tech in Electrical Engineering.
- B.Tech in Electrical Engineering with Renewable energy Specialization.
- B.Tech in Electrical Engineering with EV Specialization.
- M.Tech (PEED Regular and Part-time)
- M.Tech (REEA Part-time)
- Ph.D. in Electrical Engineering

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

- Murlee dhar Joshee (202110103110702) placed in four companies (Motherson and ZFCVS as graduate engineer trainee, VACMATE and Technock as sales manager). The highest package is 2.5 LPA.
- Sachin Pal (202110103110701) placed in K P Reliable as graduate engineer trainee). The package is 1.8 LPA.

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

- A Guest Lecture has been organized on 1st March 2024 on topic “Uttar Pradesh EnergyConservation Building Code-2018”.
- A Guest Lecture has been organized on 3rd Nov 2023 on topic “Introduction to EV-PowerTrain by Industry Expert”.

- A Guest Lecture has been organized on 23rd Sept 2023 on topic “High Voltage Systems in Electric Vehicles (EVs)”.
- An Industrial visit is conducted for the students to Electricity Transmission 400 kV Sub-Station Sarojini Ngar, Lucknow on 13th April 2024.

Achievements of faculty members:

- Dr. Shikha Singh has published three journal papers in reputed journal in the session 23-24.
- Dr. R. S Bajpai has published multiple research articles and one patent in the session 23-24.

Patents:

- Model predictive control system for power sharing in hybrid ac/dc micro-grid and its method. Patent No 202411002004A, Published Year 2024.

Books/ Book Chapter published:

- Sunil Kumar Singh, “Reliability Evaluation of Power Electronics Converters for Modern Power System Applications”, Reliability Analysis of Modern Power Systems, IEEE Press.
- R. S. Bajpai, Model Predictive Control of Multiple Renewable Energy Sources in Hybrid DC Microgrids for Power Flow Control, 2024, CRC Press, eBook ISBN9781003311829.
- R. S. Bajpai, Model Predictive Control of Grid-Connected Wind Energy Conversion System Using VSC-Based Shunt Controllers, 2024, CRC Press, eBook ISBN9781003311829.

Research Publications:

- R. S. Bajpai, Apoorva Srivastava, Amarjeet Singh and Shailesh Kumar, “Intelligent Control of DC Microgrid Involving Multiple Renewables for Fast Charging Control of Electric Vehicles,” Electric Power Components and Systems, 30 Jan 2024.
- Shikha Singh and Sonali Kalkar, “Active heating of greenhouse integrated semitransparent photovoltaic thermal (GiSPVT) system by semitransparent photovoltaic thermal (SPVT) air collectors connected in series,” Accepted, STET, NESTOR, 2024.
- Shikha Singh, “Effect of solar cell materials on energy matrices of GiSPVT system,” Journal of Renewable Energy and Environment, vol. 11, no. 1 January 2024, pp. 65-73.
- Bhardwaj M, Singh S. 2024. A review of greenhouse technology and its integration with photovoltaic cells. Res. Jr. Agril. Sci. 15(3): 801-808.

Photographs (Highlights of the department)





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 as running in 2023-24

These are the following programmes which are running in the department- B.Tech, Integrated B.Tech+M.Tech, B.Tech (EV), Integrated B.Tech + MBA, M.Tech (R+P), P.hd.
In the session of 2023-24 2 PhD has been awarded in the department.

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

Pass percentage of students in final year exam was outstanding, 6 students appeared in final year examination at UG level out of which all 6 had passed the exam with pass percentage of 100%.

4. Placement details

The campus placement 05 students in various companies took place at an average package of 2.53 lakh.

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

Most of the students got placed while some students are still preparing for government job which seems to be less interested in GATE/ NET exams so no students had cleared these exams.

6. MoU Activities

On the 18th of June, 2024, a Memorandum of Understanding (MoU) was established between the department and Predulive Innovations Private Limited. The primary objectives of this MoU include the training of students and department and Predulive labs will jointly do few research and development on emerging technological projects as per mutual consent.

7. Organized any seminar/workshop/conferences

One workshop has been conducted by the department on 12-18 July 2023 by various faculty members under the co-ordination of dean FoME.

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

Presented and published 5 papers at the international and National level and has been granted one patent.



Department of Electronics & Communication Engg.

1. Introduction about the Department

Department of Electronics & Communication Engineering (DECE) is established in the year 2012. Since then it is indulged in high quality teaching-learning process by delivering quality education to the enrolled students in B.Tech., M.Tech. (Regular & Part Time) & Ph.D through it's well established Labs and highly qualified Faculty members from IIT(s) and NIT(s). Faculty members are involved in various academic and research activities throughout the year in terms of publications of Research Papers, Organizing International conferences, Filing Patents. DECE has established IEEE Student Branch to promote IEEE activities.

2. List of Programs as running in 2023-24

B.Tech. (Electronics & Communication Engineering),
 M.Tech.(Reg.: Digital Communication),
 M.Tech.(PT.: Digital Communication),
 Ph.D in Metamaterial based Microwave Devices.

3. MoU Activities

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
Logic Pro InfoSystems	27 th Jan., 2024	Skill development, Education, R&D activities in software development, ML, Robotics, IoT, Embedded Systems.	Organized a Workshop on “How to plan for Startup and Legal and ethical steps” on 25 th May, 2024 Total Participants: 40

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

S.No.	Title		Date
1	01 week FDP on “Hands-on LabVIEW Programming”	Department of Electrical and Electronics Engineering, Shri Ramswaroop Memorial University, Barabanki, 225003	Jan. 09 – Jan. 13, 2024
2	01 week FDP for faculty members of Electronics and Communication Engineering and Electrical Engineering on “Hands-on Training on NI-LabVIEW”	Department of Electronics and Communication Engineering, Shri Ramswaroop Memorial Group of Professional Colleges, Tewariganj, Lucknow.	Aug. 05 – Aug. 12, 2023
3	01 week FDP on “Hands-on LabVIEW Programming”	Department of Electronics and Communication Engineering, Shri Ramswaroop Memorial University, Barabanki,	Jul. 12 – Jul. 16, 2023

		225003.	
4	Zonal Round of Techfest-IIT Bombay (Technorion) in SRMU	IIT-Bombay	15-10-2023
5	Workshop organized on Role of Intellectual Property Rights in Science & Technology	(Funded by UPCST)	19th to 23rd February 2024.
6	Workshop organized on Latest Trends in Research & Innovation in Higher Education	(Funded by UPCST)	8th to 12th January 2024.
7	Organized AWSAR2K24	SRMU	12-13 April 2024
8	Webinar on Gaytri Mahamantra Ki Mahima Ka VegyanikTark	SRMU	8 th April 2024
9	Webinar on Om ka Adhyatamik aiwamvegyanik mahatav	SRMU	2 nd March 2024

S.No.	Title	Date
1	04 weeks Summer Internship on “Hands-on Training on NI-LabVIEW and MyRIO” Resource Person: Dr. Alkesh Agrawal	June 21 – July 20, 2023
2	Guest Lecture on HOW TO MEMORIZE FASTER AND RETAIN IT FOR LONGER DURATION AND CAREER OPPORTUNITIES FOR ENGINEERS	7 th March, 2024
3	Visit to Centre for Biomedical Research, SGPGI	5 th April, 2024
4	Guest Lecture on Entrepreneur	16 th Feb. 2024

5. Achievements of faculty members

Research:

- The faculty members published 10 book chapters indexed in WoS /Scopus, 03 edited books.
- 03 patents were published and 01 granted by faculty members of ECE.
- The faculty members of ECE presented 09 papers in National and International Conferences.
- The faculty members constantly review the Journal papers of reputed indexed Journals and receive reviewer certificates.

Academic: The faculty members focus on PBL, where they guide students to work on working models / prototypes. In this

- Arduino based innovative working model developed for the physically disabled to control the movement of robotic wheel chair by the hand gesture, by voice tags.
- An IoT based innovative working model named NOVA developed as Multitasking ROBOT capable of welcoming the guests, and provide home security where the owner can see the activities inside the house via his mobile phone.

6. Patents

Patent Details	Patent Number
Dual power mode sensor based automated low cost SMART bin under Swachh Bharat Abhiyan.	Patent Application No. 202211052875 The Patent Office Journal No. 12/2024 Dated 22/03/2024
Automated engine seize system using over consumed alcohol sensors to prevent road accidents.	Patent Application No. 202211058007 The Patent Office Journal No. 15/2024 Dated 12/04/2024

Robotic Wheel Chair for Physically disabled	Patent Application No. 202311011812
AI based Solar Sorting Device	Patent No. 400583-001 Granted on 24-11-23

7. Books/ Book Chapter published: 10

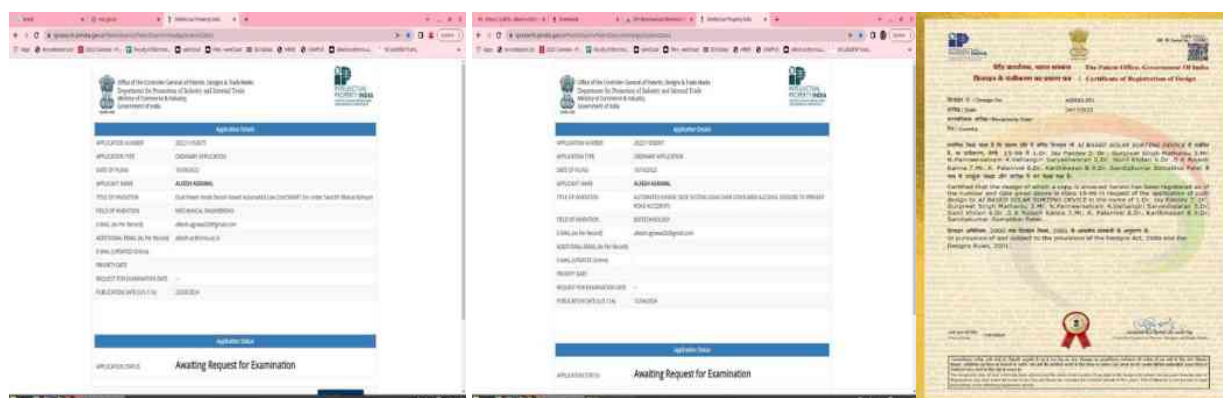
8. Research Publications

S. No.	Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index
1	A review of greenhouse technology and its integration with photo voltaic cells.	Bhardwaj M, Singh S	Research Journal of Agricultural Sciences	2024	Non-indexed

9. Honor/Award/ Recognition

S.No.	Name of Faculty	Name of Award	Organization conferring Award
1.	Er. Abhishek Kumar Saxena	Teaching Learning Innovation Award	SRMU
2.	Er. Manju Bhardwaj	Qualifying the e- Quiz "InnoVenture" held (March 29-30, 2024),	Conducted by Meerut Institute of Technology, Meerut Institution's Innovation Council (IC) (Ministry of HRD Initiative), in collaboration with IQAC, MIT, Meerut
3.	Er. Anand P Pandey	Qualifying the e- Quiz "InnoVenture" held (March 29-30, 2024),	Conducted by Meerut Institute of Technology, Meerut Institution's Innovation Council (IC) (Ministry of HRD Initiative), in collaboration with IQAC, MIT, Meerut
4.	Dr. Alkesh Agrawal	Reviewer Certificate for reviewing papers of WoS indexed International Journal- Microwave and Optical Technological Letters in the year 2022	International Journal- Microwave and Optical Technological Letters

10. Photographs (Highlights of the department)





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 2023-24

UNDERGRADUATE PROGRAMMES

Sl. 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

Sl. 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 the P.G. programmes.

3. MoU Activities-

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

FDP/Seminar/Conference/ Workshop				
S. No.	Type of Activity (FDP/Seminar/Conference/ Workshop)	Name of the FDP/Seminar/Conference/ Workshop	Date	Faculty Coordinator
1	Workshop	Youth adda on " Consent, healthy and unhealthy relationships"	15/02/2024	Dr. Shipra Shukla
2	Awareness Programme	Celebration of World Population Day: 11th July 2023	21-07-2023	Dr. Anil Kumar-1, Dr. Ram Pratap Yadav
3	Awareness Programme	Celebration of Bhujal Saptah: 21st July 2023	21-07-2023	Dr. Anil Kumar-1, Dr. Ram Pratap Yadav
4	Sensitization Workshop	'Health Promotion Focusing Mental Health & Life Skills'	28-08-2023	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'	29-08-2023	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'	2/9/2023	Dr. Anil Kumar-1, Dr. Ram Pratap Yadav
7	Health Promotion Workshop and Doctor's Visit'	"Addressing Health Issues of Youth"	5/9/2023	Dr. Anil Kumar-1, Dr. Ram Pratap Yadav
8	Sensitization Workshop	'Health Promotion Focusing Mental Health & Life Skills'	9/9/2023	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'	12/9/2023	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	13-09-2023	Dr. Anil Kumar-1, Dr. Ram Pratap Yadav
11	Doctor's Visit and Health Promotion	"Addressing Health Issues of Youth"	21/9/2023	Dr. Anil Kumar-1, Dr. Ram Pratap Yadav
12	Quiz on Youth Rights in India	Clebration of NSS Establishment Day: 24-09-2023	25/9/2023	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	30/9/2023	Dr. Anil Kumar-1, Dr. Ram Pratap Yadav
14	Awareness Programme	Celebration of Global Hand Washing Day: 15th October 2023	15-10-2023	Dr. Anil Kumar-1, Dr. Ram Pratap Yadav
15	Awareness Programme	Celebration of Swachhata Hi Seva Hai: PS, Baghamau	21-10-2023	Dr. Anil Kumar-1, Dr. Ram Pratap Yadav

16	Health Camp and Awareness Programme	Celebration of One Health Day: 03 November 2023	3/11/2023	Dr. Anil Kumar-1, Dr. Ram Pratap Yadav
17	Health Camp and Awareness Programme	Evening Health Camp and Awareness Programme: JP Nagar, Takrohi	20/11/2023	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	1/12/2023	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	12/12/2023	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	18/12/2023	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): RRSS Inter College, Barabanki	12/1/2024	Dr. Anil Kumar-1, Dr. Ram Pratap Yadav, Dr. Arun Kumar Singh
22	Sensitization Workshop	'Health Promotion Focusing Mental Health & Life Skills'	3/2/2024	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'	6/2/2024	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	10/2/2024	Dr. Anil Kumar-1, Dr. Ram Pratap Yadav, Dr. Arun Kumar Singh
25	Workshop	Training of NSS Volunteers as Peer Educators	13/2/2024	Dr. Anil Kumar-1, Dr. Ram Pratap Yadav
26	Health Promotion Workshop and Doctor's Visit'	"Addressing Health Issues of Youth"	14/2/2024	Dr. Anil Kumar-1, Dr. Ram Pratap Yadav
27	Health Promotion Workshop and Doctor's Visit'	"Addressing Health Issues of Youth"	16/2/2024	Dr. Anil Kumar-1, Dr. Ram Pratap Yadav
28	Health Promotion Workshop and Doctor's Visit'	"Addressing Health Issues of Youth"	20/2/2024	Dr. Anil Kumar-1, Dr. Ram Pratap Yadav
29	Poster Competition	'Youth for Change: Youth Sexual and Reproductive Health Rights'	23/2/2024	Dr. Anil Kumar-1, Dr. Ram Pratap Yadav, Dr. Arun Kumar Singh and Dr. Shweta Shukla
30	Invited Lecture	Cervical Cancer: Screening and Prevention'	24/2/2024	Dr. Anil Kumar-1, Dr. Ram Pratap Yadav
31	DMH Team Visit	Interaction with Students for Mental Health & Life Skills'	24/2/2024	Dr. Anil Kumar-1, Dr. Ram Pratap Yadav
32	DMH Team Visit	Interaction with Students for Mental Health & Life Skills'	28/2/2024	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, Bebe Nanki University College, Mithra (Kapurthala), Punjab on March 27-28, 2024
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 on Sep. 19-21, 2023.
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, on 11th August 2023.
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 on 13th April 2024.
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 on November 23-25, 2023.
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 on February 27-28, 2024.

6. Books/ Book Chapter published and Research Publications

PUBLICATION DETAILS 2023-24				
Sl. No.	Name of the Faculty Member	Title of the Paper/ Book Chapter	Journal/ Book	Date of Publication
1.	Dr. Shipra Shukla	COVID Vaccine: Social, Menstrual and Psychological aftermath	Vacunas (SCOPUS)	31/08/2023
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)	4/9/2023

3.	Dr. Shipra Shukla	Attitude Towards Menstrual Restrictions: An Exploration	Journal of Chemical Health Risks (SCOPUS)	8/4/2024
4.	Dr. Rashmi Saxena	Positive Psychology	Text book	2023
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 Adhyyan	Amnayiki	January 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)	December 23

7. Honor/Award/ Recognition-

1	Dr. Shweta Shukla, Assistant Professor, Faculty of Humanities and Social Sciences, secured 3rd Rank in 'Teaching Learning Innovation Award 2022-23' organised by Shri Ramswaroop Memorial University, Lucknow and was rewarded with a cash prize of Rs.2000/-
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8. PhD awarded

Sl.No.	Name of the Faculty member	Title of Ph.D	Subject	Name of the Awarding Institution	Date of Award
1.	Ms. Shipra Shukla	A Study on Socio- Economic Factor of Anaemia	Social Work	University of Lucknow	December, 2023

9. Photographs (Highlights of the department)





Faculty of Mathematical and Statistical Sciences

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

The soul of all departments “Department of Mathematical and Statistical Sciences” is unique in nature for its Interdisciplinary, UG and PG Programs. The Department of Mathematics is one of the important department of INSH, flourishing under the guidance of our Director Dr. B. M. Dixit. Faculty followed work under guidance of Dean Prof. V. N. Pathak. Faculties from renowned Universities like NIIT, BHU, Allahabad Univ., Lucknow Univ. IITK etc. Some have International work experience also. Department have different committees and club for students. It is a fully equipped department in addition to a rigorous curriculum; the department offers a vibrant environment for students. The course structure of all courses of the department ensures high employability of students and every year course structures used to get updated under the supervision of external experts (Professors & senior Academician of different Universities). Department provides knowledge of many software’s like MATLAB, LATEX, MATHEMATICA, SCILAB etc. The faculties of department involve in all over university program, they takes classes of B.Tech, B.Com, MBA, Pharmcy, Agriculture, M.Sc. Physics, M.Sc. Chemistry, B.A. Economics, BCA, MCA, B.Sc. IT etc. Department also have a wide variety of value-added courses to help our students excel in all necessary areas.

2. List of Programs as running in 2023-24

- i) Bachelor of Sciences (Honours) Mathematics.
- ii) Masters of Mathematics (M.Sc.)
- iii) Doctor of Philosophy (Ph.D.) in Mathematics (Pure and Applied)

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

Mukul Rao B.Sc. (H) Mathematics\

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

- i) An International conference on “**International Conference on Natural Sciences: Vedic to Modern Era**” was organized by Faculty of Mathematical & Statistical Sciences on Feb. 22-24, 2024.
- ii) A Webinar on “**Innovation of Coding in Vedas**” was organized by Faculty of Mathematical & Statistical Sciences on May 4, 2024.

5. Achievements of faculty members

- i) **Dilip Kumar Jaiswal**, Arun Dubey, Gulrana and Premlata Singh, Solute transport with decay type input source in one-dimensional heterogeneous medium: Analytical solution, **Accepted in International Journal of Hydrology Science and Technology (Inder Sci. Pub.-SCI)**.
- ii) **Dilip Kumar Jaiswal**, Arun Dubey, Vinay Singh and Premlata Singh, Temporally Dependent Solute Transport in One-Dimensional Porous Medium: Analytical and Fuzzy Form Solutions, **Mathematics in Engineering Science and Aerospace (SCOPUS)**, 14(3), 711-719.
- iii) **Dilip Kumar Jaiswal**, Priyanka Kumari, Pintu Das and Premlata Singh, An analytical model for solute transport in two-dimensional homogeneous and anisotropic porous media with time-dependent velocity field, **GANITA, Web of Science (Mathsci Net)**, Vol.73(2), 105-122.
- iv) Arun Dubey, Shashi Prakash, Gulrana, Premlata Singh and **Dilip Kumar Jaiswal**, Mathematical model for pollutant and virus dispersion: An analytical solution for pulse type input source, **15(1), 1-11, Mathematics in Engineering Science and Aerospace (SCOPUS)**.
- v) **Dilip Kumar Jaiswal** and Premlata Singh, Three-Dimensional Analytical Model With Dirichlet Type Boundary Condition For Contaminant Transport In Homogeneous Porous Medium, **American Institute of Physics-ICAMCS 2022 (SCOPUS)**. *AIP Conf. Proc.* 3087, 010001 (2024)
- vi) Premlata Singh, Priyanka Kumari and **Dilip Kumar Jaiswal**, Analytical Solution Of Three-Dimensional Advection-Dispersion Equation Along Porous Media With Cauchy Type Boundary Condition, **American Institute of Physics-ICAMCS 2022(SCOPUS)**. *AIP Conf. Proc.* 3087, 010001 (2024)
- vii) **Dilip Kumar Jaiswal**, Premlata Singh, Arun Dubey and Gulrana, Analytical solution of advection-dispersion equation: A mathematical approach for infectious diseases, **American Institute of Physics-NCRAPs 2022 (SCOPUS)**. *AIP Conf. Proc.* 3025, 030001 (2024).
- viii) **Dilip Kumar Jaiswal**, Sounak Sadhukhan and Naveen Kumar, Analytical and numerical solutions of advection-dispersion equation-with a linearly moving source of pollution, **Accepted in JGWR (NISCARE, ICI)**.
- ix) **Dilip Kumar Jaiswal** and Sudhakar Kumar Chaubey, Virus dispersion in environment: Fuzzy approach for infectious diseases, **Accepted in Edge AI for Industry 5.0 and Healthcare 5.0 Applications: The Key Motivations, Enabling Technologies and Platforms (CRC Press)**.
- x) **Rama Nand Mishra, Akhilesh Kumar Mishra, Kulbhushan Singh**, Construction Of A Spline Function With Mixed Node Values, *JOURNAL OF MECHANICS OF CONTINUA* Vol 19,2024.
- xi) Shilpee, B. S. Bhadauria, **Awanish Kumar**, Anurag Srivastava; Effect of internal heating/cooling on heat transfer using different types of gravity/magnetic modulations in (H₂O + CuO) nanofluid saturated with porous media, *Numerical Heat Transfer, Part B: Fundamentals*, 85(4). DOI: 10.1080/10407790.2024.2314708, ISSN: 1521-0626, 2024.[**SCI**, Impact factor-1]
- xii) SR Verma, **V Verma**, R Pathak, M Agarwal, R Naresh, Influence of media campaigns efforts to control spread of COVID-19 pandemic with vaccination: A modeling study, *Computational and Mathematical Biophysics*, 2024.
- xiii) Archana Singh Bhadauria, Hom Nath Dhungana, **Vinay Verma**, Stephen Woodcock, Studying the efficacy of isolation as a control strategy and elimination of tuberculosis in India: A mathematical model, *Infectious Disease Modelling* 8 (2), 458-470

6. Patents: 01

7. Books/ Book Chapter published:

- i) Vimlesh, May 2024, published a chapter in book *Futuristic Trends in Contemporary Mathematics & Applications Volume 3 Book 4* with Topic To Study the Impact of Population Growth,

Industrialization, And Primary- And Secondary-Level Toxins on the Depletion of Forestry Resources: A Mathematical Model

8. **Research Publications:** 13 research papers , 1 Book Chapter

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

- i) Dr. Vinay Verma awarded Young Researcher Award by Shri Ramswaroop Memorial University for his research performance during the session 2022-23.
- ii) Dr. Omendra Mishra awarded Teaching Learning Innovation Award by Internal Quality Assurance Cell, Shri Ramswaroop Memorial University at I st position (Department Level) for the academic year 2022-23, for his contribution in the use of innovative teaching learning methods.

10. **PhD awarded:** 1 awarded; 1 submitted

11. **Photographs (Highlights of the department)**

INTERNATIONAL CONFERENCE ON ADVANCEMENT IN NATURAL SCIENCES: VEDIC TO MODERN ERA (ICANSVME-24)
 Hybrid (Online/Offline) mode February 22 – 24, 2024
 Jointly Organized by
 FACULTY OF PHYSICAL SCIENCES
 FACULTY OF CHEMICAL SCIENCES
 FACULTY OF MATHEMATICAL AND STATISTICAL SCIENCES
 SHRI RAMSWAROOP VEDIC VIGYAN VIDYALAY MANASCHAL KEMDRA
 INSTITUTE OF NATURAL SCIENCES AND HUMANITIES
 In collaboration with
 SJIT UNIVERSITY, JHUNHUNU, RAJASTHAN

Topics of the Conference	
Physics Materials Science Condensed Matter Plasma Science Computational Physics Radiation Physics Electronics Nuclear Physics Astro and Geo Physics	Chemistry Heterocyclic and Medicinal Chemistry Spectroscopy, Nano-Composite & Polymers Renewable energy and Green Chemistry Environmental Science, Coordination and Organometallic Chemistry
Mathematics Algebra, Fluid Mechanics Differential Geometry Mathematical Modeling Differential Equations Complex and Real Analysis, Wavelets Analytic, Operations Research, Numerical Analysis, Statistics	Vedic Sciences Shalya Chikitsa, Ayurveda, Yoga, Jyotish Shastra, Vastu Shastra, Vedic Ganti, Khagol Shastra, Vedic Rasayan, Shastra, Vedic Krihi, Vignani, Jal Nidhan, Viman Shastra

Registration Fee and Account Details		Important Dates	
Academics/Students	Research Scholar	U.S./U.K. Resident	Last date of abstract submission: 08-09-2024
INR 1000/USD 40	INR 750/USD 28	INR 800/USD 30	Last date of registration: 08-09-2024
Name of Beneficiary: Shri Ramswaroop Memorial University, Name of Bank: Bank of India, Account No.: 7292141100000000, IFSC Code: BIL00007010		Last date of registration: 08-09-2024	

Registration Form (Google Form Link): <https://forms.gle/3d63847949600389>
 Abstract submission: icansvme24@srvmu.ac.in
 Contact: 9414310017, 9414310018, 9414310019, 9414310020
 Venue: Shri Ramswaroop Memorial University, Laxman, Deva Road, Barabankhi, U. P., INDIA



Faculty of Physical Sciences

1. Introduction about the department

The Faculty of Physical Sciences is dedicated to delivering high-quality education and training in the field of Physical Sciences. We offer a comprehensive range of undergraduate, postgraduate, and doctoral programs designed to build a strong foundation for students. Our faculty comprises highly qualified and experienced educators committed to fostering academic excellence and innovation. Equipped with state-of-the-art laboratory facilities, we provide students with hands-on experience in various aspects of Physical Sciences, ensuring they are well-prepared for future challenges. Our commitment to excellence prepares graduates to become leaders and innovators in their fields, contributing meaningfully to scientific advancement.

2. List of Programs as running in 2023-24

- i. B.Sc.
- ii. B.Sc. (Hons.)
- iii. M.Sc. in Physics
- iv. Ph.D

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

- i. Shubham Gupta, a third-year B.Sc (Hon.) student, qualified for JAM 2024, demonstrating outstanding academic excellence and dedication.

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

- i. **Guest Lecture on Chandrayaan-3:** On September 1, 2023, Prof. Kaushalendra Chaturevedi delivered an engaging guest lecture on "India's Mission to Moon: Chandrayaan-3," attracting faculty, students, and space enthusiasts with insights into the acclaimed lunar mission.
- ii. **International Conference:** The International Conference on Advancement in Natural Sciences: Vedic to Modern Era (ICANSVME-24), held at Shri Ramswoop Memorial University from February 22-24, 2024, successfully connected Vedic and modern sciences. Organized by the Faculty of Physical Sciences and collaborators, the conference featured discussions in physics, chemistry, mathematics, and Vedic sciences. Highlights included sessions on quantum mechanics and materials science, fostering collaboration and offering students networking opportunities through poster presentations.
- iii. **Faculty Development Program:** The one-week online Faculty Development Program titled "The Role of University Teachers" took place from July 31 to August 5, 2023. 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.

- iv. **Webinar on Raman Spectroscopy:** On December 2, 2023, FoPS hosted a webinar on "Raman Spectroscopy" with Prof. Sunil Kumar Srivastava, covering fundamentals, instrumentation, and applications, and attracting faculty, students, and enthusiasts eager to explore this field.

5. Achievements of faculty members

- i. Mr. Lalit Kumar Shukla presented a research paper on "Quantum Realities and Vedic Conceptions of Space-Time" at the International Conference on 'Recent Trends and Developments in Science and Technology' at Bhupal Nobles' University, Udaipur, from May 1-2, 2024.
- ii. Dr. Nirmal Kumar Verma presented a poster at the PSSI-PSC2024 conference, held at IIT Delhi from July 4-6, 2024, showcasing his research and contributing to the scientific dialogue at the event.

6. Books/ Book Chapter published

- i. Dr. Mukesh Mishra published a book chapter titled "Liquid Crystal Nano-Particle Composites – Display Applications" in Futuristic Trends in Chemical, Material Science & Nano Technology, highlighting advancements in display technologies and nanotechnology.

7. Research Publications

- i. Dr. Gulab Singh Maurya published a research paper in Bioresource Technology Reports, contributing valuable insights to the field and showcasing the faculty's commitment to advancing research.

8. Honor/Award/ Recognition

- i. Dr. Divyanshi Srivastava was honored with a research award by the Vice Chancellor for her outstanding research contributions during the 2022-23 session, recognizing her significant impact and dedication to her field.
- ii. Dr. Divyanshi Srivastava received the Teaching Learning Innovation Award for the 2022-23 academic year, recognizing her excellence in employing innovative teaching methods and enhancing the learning experience for students.

9. PhD awarded

- i. We are pleased to announce that Mr. Amrendra Kumar was awarded his PhD under the supervision of Prof. (Dr.) B. M. Dixit. His research significantly contributes to the field, and we congratulate him on this achievement.

10. Photographs (Highlights of the department)



Research Award



International Conference



Teaching Learning Innovation Award 2024



National Science Day Celebration



Farewell to UG and PG Students

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:

- i) B.Sc. (H) -Chemistry
- ii) M.Sc.-Chemistry and
- iii) 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 2023-24

- (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 Odd Semester Academic Session 2023-2024:

Class	Semester	Student Name	CGPA
B.Sc. (Hons.)	1st sem	Shriya Mishra	7.13
B.Sc. (Hons.)	3rd sem	Pragya Verma	8.85
B.Sc. (Hons.)	5th sem	Kriti Singh	8.92
M.Sc. Chemistry	3rd sem	Saumya Singh	9.17

Vaishnavi Dwivedi has cleared RAT exam of December 2023 for admission in Ph.D.

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

Summary of INTERNATIONAL CONFERENCE ON “ADVANCEMENT IN NATURAL SCIENCES: VEDIC TO MODERN ERA”

An international conference entitled “INTERNATIONAL CONFERENCE ON ADVANCEMENT IN NATURAL SCIENCES: VEDIC TO MODERN ERA” ICANSVME-24 was combinedly organized by Faculty of Physical Sciences, Faculty of Chemical Sciences and Faculty of Mathematical and Statistical Sciences, Institute of Natural Sciences and Humanities, SRMU in collaboration with SJJTU Jhunjhunu, Rajasthan during 22nd -24th February, 2024. The Conference was graced by our Chief Guest Prof.(Dr.) A. S. Vidhyarthi ,Vice Chancellor, Bikaner Technical University Bihar, Prof (Dr.) P. K. Bajpai, Vice Chancellor, J. P. University, Chapra Bihar, Chairman of Conference Prof.(Dr.) B. M. Dixit, Director, INSH, SRMU, Guest of Honour, Prof.(Dr.) Madhu Gupta, SJJTU Jhunjhunu, Rajasthan, Prof.(Dr.) Prabha Rastogi, Founder of SRVVNK, SRMU, with Registrar ma’am Prof (Dr.) Nirja Jindal and Prof. D. K. Sharma, Vice Chancellor, SRMU. The conference was enriched by our esteemed eminent speakers from different part of the country as well as from different countries. All faculty members and students of the Faculty of Chemical Science actively participated in the conference. Twenty national and international professors and scientists’ flourished knowledge by presenting his/her research work as invited speakers and satisfied the students by giving answers of their queries. Forty two academicians and research scholars participated and presented their research work in the form of oral presentations in both offline and online mode. Nine participants present their work in the form of poster presentations in offline mode. A wide range of research topics were incorporated by the professors and scientists, by which students gained knowledge in different domains. All the participants of oral and poster presentation were awarded first, second and third prize on the basis of Judge’s marks on the last day of the conference. The major objective of the international conference was to make our students aware about the coordination of scientific and technical terminology in different fields of Chemistry.

Guest Lecture:

- i) A guest lecture was organized on the topic "NMR Spectroscopy: A Powerful tool in the hands of a Chemist" by Dr. Avinash Tiwari, Assistant Professor, K.S. Saket P.G. College, Ayodhya, Uttar Pradesh, India on 19th October 2023.
- ii) A guest lecture was organized on the topic “Carrier Opportunities in the field of Chemical Science” by Dr. Abha Bishnoi, Professor, Department of Chemistry, Lucknow University, Lucknow, India on 31 st October 2023.
- iii) A guest lecture was organized on the topic “Fluorescent Carbon Quantum Dots: An Emerging smart Material for Versatile Applications" by Dr. Vikram Singh, Scientist, CSIR-CIMFR (Digwadh Campus), Dhanwad, Jharkhand, India on 2nd November 2023.

FDP Organized

One Week long Online Faculty Development Program title ‘The Role of University Teachers’ is scheduled from 31st July to 5th August, 2023 jointly organized by Faculty of Physical Sciences (FoPS), Faculty of Chemical Sciences (FoCS), Faculty of Mathematical and Statistical Sciences (FoMSS) and Faculty of Humanities and Social Sciences (FoHSS)he Conference was graced by our Chief Guest Prof.(Dr.) A. S. Vidhyarthi ,Vice Chancellor, Bikaner Technical University Bihar, Prof (Dr.) P. K. Bajpai, Vice Chancellor, J. P. University, Chapra Bihar, Chairman of Conference Prof.(Dr.) B. M. Dixit, Director, INSH, SRMU, Guest of Honour, Prof.(Dr.) Madhu Gupta, SJJTU Jhunjhunu, Rajasthan, Prof.(Dr.) Prabha Rastogi, Founder of SRVVNK, SRMU, with Registrar ma’am Prof (Dr.) Nirja Jindal and Prof. D. K. Sharma, Vice Chancellor, SRMU.

5. Achievements of faculty members

Research

Title of the paper	Name of the author	Title of the	Year of
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		journal	publication
Ru(III)-Catalyzed L-Glutamic Acid Oxidation by Hexacyanoferrate(III) in an Anionic Surfactant Medium: A Kinetic and Mechanistic Approach	Abhishek Srivastava, Ruchi Singh, Neetu Srivastava and Krishna Srivastava	Russian Journal of Physical Chemistry	2023
A facile synthesis, characterization and biological evaluation of novel spiro-thiazolidinone and quinazolinone-thiazolidine derivatives	Krishna Srivastava , Abhishek Srivastava, Ram Prakash Tiwari, Amit Tripathi, Sreenivasulu Peta and Manoj Verma	NIScPR Online Periodicals Repository	2023
Synthesis, Characterization and biological activity of some novel heterocyclic β -lactam/thiazol compounds derived from 4-phenyl-4,5-dihydrothiazol-2-yl-imino	Ram Prakash Tiwari , Raj Bahadur Singh, Rishi Kumar Vishnoi and Krishna Srivastava	Research Journal of Chemistry and Environment	2023
Synthesis, Characterization, and Antimicrobial Evaluation of some novel 3'-(6-(substituted phenyl)-4-phenyl-6H-1,3-thiazine-2-yl) spiro[indoline-3,3'-isothiazolidine]-2,4'-dione derivatives	Krishna Srivastava , Raj Bahadur Singh, Abhishek Srivastava, Ram Prakash Tiwari , Jyoti Srivastava, Asmat Jahan and Prachi Bhargava	Pharmaceutical Chemistry Journal	2023
Synthesis and Biological evaluation of heterocyclic oxazine-2-carbonothioyl quinazolin-4(3H)-one and oxazine-2(3H)-carbothioamide derivatives	Ram Prakash Tiwari , Krishna Srivastava , Abhishek Srivastava, Shailesh Kumar Mishra and Amit Tripathi	Research Journal of Chemistry and Environment	2023
Synthesis of Amorphous Hierarchical Mesoporous ZnAlPO ₄ and its Catalytic Applications for Benzene to Aniline Reaction	Sreenivasulu Peta and Sadhana Singh	Journal of Scientific & Industrial Research	2023
Synthesis and characterization of zinc aluminophosphate for catalytic applications	Sreenivasulu Peta and Shailesh Kumar Mishra	Indian Journal of Chemical Technology	2023
Kinetic and Mechanistic Investigation of Os(VII)-Catalyzed L-Tryptophan Oxidation by Hexacyanoferrate(III) in CTAB Micellar Medium	Abhishek Srivastava, Neetu Srivastava and Krishna Srivastava	Russian Journal of Physical Chemistry A	2023
Role of surfactants on Fe(II) catalyzed L-tryptophan oxidation by persulfate	Abhishek Srivastava, Madhav Krishna Goswami, Krishna Srivastava & Neetu	Indian Journal of Chemistry	2023

	Srivastava		
Rate enhancement of Cu(II) catalyzed L-glutamic acid oxidation by hexacyanoferrate(III) via micelle encapsulation	Abhishek Srivastava, Neetu Srivastava, Krishna Srivastava & Ruchi Singh	Chemical Kinetics and Catalysis	2023
Polyoxometalate based nanohybrid: Study of its antimicrobial activity	Shiva Arun, Roop Kumar, Susheel Kumar Singh, Amit Kumar Tripathi, Krishna Srivastava and Pushpendra Singh	Journal of Research in Chemistry	2023
Rate enhancement of Os(VIII) catalyzed L-phenylalanine oxidation by hexacyanoferrate(III) by CTAB micellar medium: a kinetic study	Abhishek Srivastava, Madhav Krishna Goswami, Deepika Tiwari, Neetu Srivastava, Krishna Srivastava	Monatshefte fur Chemie- Chemical Monthly	2023
Cu(II) catalyzed oxidation of L-phenylalanine by hexacyanoferrate(III) in cationic micellar medium	Abhishek Srivastava, Neetu Srivastava, Krishna Srivastava	S.Afr.J.Chem	2023
Coupled pretreatment of rice straw with dairy wastewater and ultrasonication for biofuel production using mixed microbial source	Dolly Kumari , Gulab Singh Maurya, Radhika Singh	Bioresource Technology Reports	2024
Effect of CTAB micellar medium on Cu(II) catalyzed L-Leucine oxidation by hexacyanoferrate(III)	Abhishek Srivastava, Neetu Srivastava, Rajeev Kumar Dohare, Krishna Srivastava , Ruchi Singh	Doklady Physical Chemistry	2024
Synthesis of Amorphous Hierarchical Mesoporous ZnAlPO ₄ and its Catalytic Applications for Benzene to Aniline Reaction	Dr. Sreenivasulu Peta	Journal of Scientific & Industrial Research	2023
Synthesis, Characterization, and Antimicrobial Evaluation of some novel 3'-(6-(substituted phenyl)-4-phenyl-6H-1,3-thiazine-2-yl) spiro[indoline-3,3'-isothiazolidine]-2,4'-dione derivatives	Prof. (Dr.) Krishna Srivastava	Pharmaceutical Chemistry Journal	2023
Synthesis and characterization of zinc aluminophosphate for catalytic applications	Dr. Shailesh Kumar Mishra	Indian Journal of Chemical Technology	2023
Coupled pretreatment of rice straw	Dr. Dolly Kumari	Bioresource	2024

with dairy wastewater and ultrasonication for biofuel production using mixed microbial source		Technology Reports	
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Academic

- i) Prof. (Dr.) Krishna Srivastava and Dr. Ram Prakash Tiwari published a patent with application no. 202311039777.
- ii) Dr. Shaheen Fatma participated in an online one Week National FDP on "ICT Tools for Effective Teaching Learning" from 29 May to 3rd June 2023 organized by Kamla Nehru Mahavidyalaya, Nagpur.
- iii) Dr. Ram Prakash Tiwari achieved a copyright (No. L-130077/2023) from Government of India entitled "New Method of Thermodynamics".
- iv) Dr. Dolly Kumari reviewed two research articles:
 - a) "Hydrothermal pretreatment Platanus orientalis Linn fallen leaves: Effects of process conditions on anaerobic digestion." Chemistry and Ecology (Taylor & Francis).
 - b) "Ultrasonic pretreatment of cow dung on anaerobic digestion: Effect on methane production and microbial community." BioEnergy Research (Springer)".
- v) Dr. Shailesh Kumar Mishra has successfully completed 2-week Refresher course (with Grade A+) on "Research Methodology" from 24th July to 7th August 2023, organized by University of Lucknow, Lucknow, U.P. India.
- vi) Dr. Shailesh Kumar Mishra has successfully completed 2-week Refresher course (with Grade A+) on "Research Methodology" from 24th July to 7th August 2023, organized by University of Lucknow, Lucknow, U.P. India.
- vii) Dr. Sreenivasulu Peta has successfully completed 4-week Faculty Orientation Program (with Grade A+) on "Faculty in Universities/Colleges/Institutes of Higher Education" from 21st August to 19th September 2023, organized by Ramanujan College, University of Delhi in collaboration with Dhote Bandhu Science College, Gondia, Maharashtra under the aegis of PMMMMNMTT.
- viii) Dr. Sadhana Singh has successfully completed 4-week Faculty Orientation Program (with Grade A+) on "Faculty in Universities/Colleges/Institutes of Higher Education" from 21st August to 19th September 2023, organized by Ramanujan College, University of Delhi in collaboration with Dhote Bandhu Science College, Gondia, Maharashtra under the aegis of PMMMMNMTT.
- ix) Dr. Sadhana Singh has participated in one-week Faculty Development Programs organized by Shri Ramswaroop Memorial University, Lucknow-Dewa Road, Barabanki on the following topics:
 - x) The Role of University Teachers (organized by INSH from 31st July to 5th Aug, 2023)

6. Patents: 02

7. Books/ Book Chapter published -02 Book Chapter

8. Research Publications-19

9. Honor/Award/ Recognition: E- Learning Excellence Award Dr. Shaheen Fatma dated 26/01/2024

10. Photographs (Highlights of the department)



Institute of Agricultural Sciences and Technology

1. Introduction about the department

SRMU is making concerted efforts to nurture skilled manpower in the field of agriculture since the establishment of Institute of Agricultural Sciences and Technology in year 2019 at its campus on Deva Road, Barabanki. It has already started a four year programme of B.Sc.(Hons.) Agriculture. The degree incorporates all the Fifth Dean's Committee of the ICAR on Agriculture Education recommendations on course curricula and syllabus.

IAST also plans to follow Student Ready (Rural Entrepreneurship Development Yojana) approach comprising Experimental Learning/ Hands down Training, Skill Development Training, Rural Agriculture Work Experience (RAWEX) incorporating field Training/ Industrial Attachment, etc. With its cutting-edge facilities and infrastructure, we offer an ideal teaching and learning environment that has drawn students from all over the world. Students' worldviews and perspectives are greatly enhanced when they actively participate in extracurricular and co-curricular activities as well as community service. Our teaching-learning approaches are characterized by a regular curriculum renewal process that incorporates best practices and ongoing evaluation of student learning results. By offering an educational setting that encourages innovation and best practices, we prepare our students for success in a highly competitive global marketplace.

2. Programme running in 2023-24:

- i. B.Sc.(H) Ag.

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

Students have got prizes in various competitions like Shlok competition, Hindi speech, poster making, dance and club activities and other sports activities.

S. No.	Names of Students	Roll No.	Extracurricular activities	Year
1.	Vandana Mishra	202211201120023	Shlok competition -2 nd Dehydrated floral craft- 3 rd prize	B.Sc.(H)Ag-2 nd year
2.	Akanksha Verma	202211201120020	Poster making-2 nd	B.Sc.(H)Ag-2 nd year
3.	Suraj Kumar	202211201120040	Hindi speech-3 rd prize	B.Sc.(H)Ag-2 nd year
4.	Harshita Mall	202111201120042	Poster making-3 rd prize	B.Sc.(H)Ag-3 rd year
5.	Siya Santosh	202011201120005	Dance and club activities	B.Sc.(H)Ag-3 rd year

4. MoU Activities:

Recent MoU signed with

- ICAR-Indian Institute of Sugarcane Research (IISR), Lucknow for Teaching, Research and Extension of agriculture and allied sciences especially sugarcane and sugar industry in the arena of agriculture.
- Centre for Agriculture and Farmers Development, Laxmipur, Sahaspur, Dehradun - 248006, Uttarakhand for Teaching, Research and Extension of agriculture and allied sciences.

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

Various activities have been performed by the faculties and students of IAST to promote teaching learning process. A few activities are mentioned below:

S. No.	Date	Activity
1.	18/7/2023	An IP awareness program with CSIR-CIMAP under the celebration of Azadi ka Amrit Mahotsav (AKAM)
2.	21/8/2023 - 26/8/2023	One week FDP online mode on “ Emerging Technologies for Sustainable Agriculture. ”
3.	02/11/2023	Workshop on “ Mushroom Farming ” by Mr. Raj Kishor Dwivedi , Director, Satguru Balaji Agroproduct, Village-Markhapur, Block-Harakh, Barabanki
4.	03/11/2023	Public health, FoHSS, SRMU, Youth Counselling Centre (Q-Club)/ Health Club, The National Service Scheme (NSS), Institute of Agriculture and Technology and Department of Extension and Community Services was Celebrate “ One Health Day: 03 November 2023 ” at Barethi Village, District Barabanki.
5.	11/01/2024 - 12/01/2024	Institute of Agricultural Sciences and Technology organized Kisan Gosthi on “ Resource Conservation Technologies to reduce input cost and enhance income of farmers ” under the Extension Activities on 12-01-2024 at village Kisun Nagar, Block Nighasan, District Lakhimpur Kheri.
6.	20/03/2024	Educational visit to Indian Institute of Sugarcane Research (IISR), Raibarelli Road, and Dilkusha Lucknow, subject related practical and IT-3, subject code BAG4002, BAG4701 and BAG4707.

7.	02/04/2024	Educational visit and extension activity to “ The Goat Trust, Research & Training Centre, Plot No. 57, Rasoolpur Sadat, 227105, Lucknow ” under the Course Fundamentals of Agricultural Extension Education (BAG2707)
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6. Achievements of faculty members :

Faculties have published 15 research papers.

7. Patent: 1 patent was published in the month of October by Dr. Riyaz Ahmad (Assistant Professor, Agricultural Economics).

8. Research and Consultancy work:

IAST provides consultancies to various farmers and organisations like Lucknow Golf Course to provide solutions for any problem regarding their crops or trees.

9. Book Chapters: 20 chapters have been published by the faculties of IAST, SRMU in the year 2023-24.

10. Research Publications: 15 research papers have been published by the faculties in NAAS rated journals (NAAS rating above 5.0).

11. Honour/Awards/Recognition:

S. No.	Name of Faculty	Name of Award	Organization conferring Award
1.	Dr. Riyaz Ahmad	Young Researcher Award	SRMU
2.	Dr. Pranav Kumar Mishra	Teaching Learning Innovation Award	SRMU

12. Ph.D. Awarded:

Dr. Anam Khan (Assistant Professor, IAST) has completed the Doctoral degree programme (Ph.D. Entomology) from SVPUA&T, Meerut in April, 2024.

13. Photographs:



MoU signed with ICAR-Indian Institute of Sugarcane Research (IISR), Lucknow

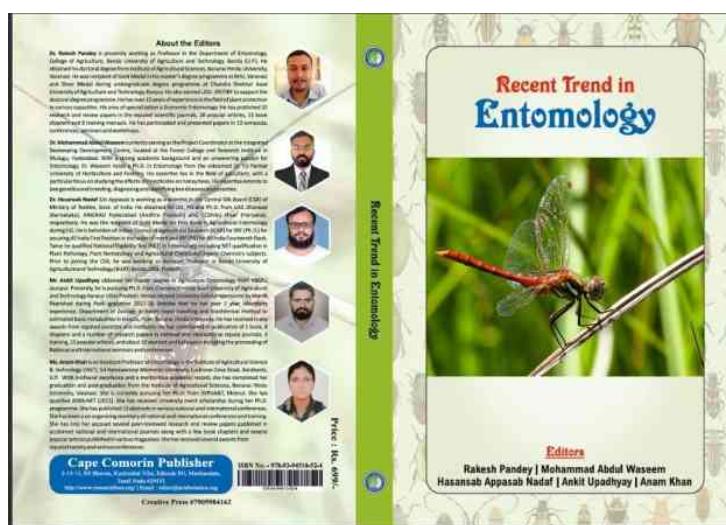
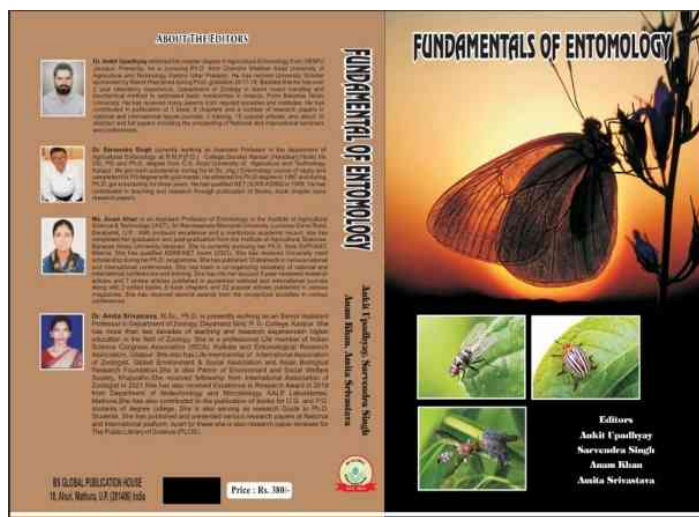
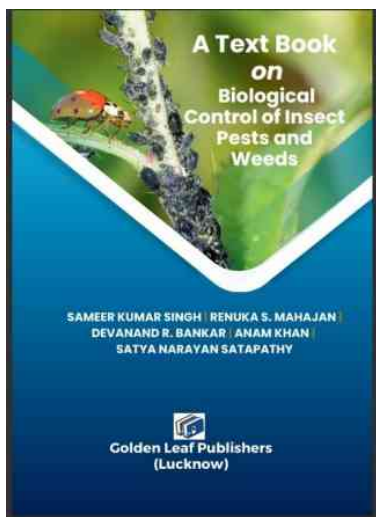


Dr. Pranav Kumar Mishra was awarded with Teaching Learning Innovation Award at SRMU



Dr. Riyaz Ahmad was awarded with Young Researcher Award at SRMU.





Edited Books

Institute of Media Studies

1. Introduction about the department

The Institute of Media Studies aims to equip its students with core competencies that will ensure industry-ready professionals. Journalism and Mass Communication study is an encouragement to think about the forces involved in giving it shape. Mass Media industry is one of the fastest growing industries with the mission of social conscience. After the entry of Social Media the rapid change as been registered in other mainstream Media. Simultaneously the scope for the budding Journalist and Mass Communicator are also increasing especially in social media, event management, development communication, crisis management & communication, theatre, cinema, public speaking, journalism, media research, cinema, media academics, advertising and public relations. Institute of Media Studies is offering three/Four years B.A.(JMC), two years M.A.(JMC) according to New Education Policy (NEP) and Ph.D Program. All programs are approved by University Grants Commission. The strengths of the Media Institute are the well-equipped media labs, newsroom, and computer lab with updated software, vibrant media and communication research cell. We provide International exposure to media students, standard media industry visits, interaction with media stalwart and film celebrities, regular cultural and academic activities, central library with standard books, International and National journals. We recruit internationally recognized and dedicated faculty for mentoring and overall personality development of the students.

After successful completion of this professional course students can build their career in the field of Print media, Radio Journalism, T.V. Industry, Web journalism, Mobile Journalism. They can become video editor, copy editor, editor, Anchor, Voice Over artist, producer, author, script writer, communication specialist in NGO's, documentary and film director, public relation officer, advertising, research analyst, social media activist, web graphic designer, columnist, corporate manager, radio jockey, media manager, theatre, event manager, social media influencer, podcaster and blogger and many more.

2. List of Programs as running in 2023-24

- (i) B.A (Journalism and Mass Communication).
- (ii) M.A(Journalism and Mass Communication).
- (iii) Doctor of Philosophy (Ph.D.) in Journalism and Mass Communication.

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

- (i) Sukirti Bery (BAJMC)

4. MoU Activities: Two

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

- (i) A Workshop on “**Reporting for Television& Web:Career Option& Challenges**” was organized by Institute of Media Studies on Jan. 29, 2024.
- (ii) A Workshop on “**The Art of Anchoring**” was organized by Institute of Media Studies on Sep. 05, 2023.

6. Achievements of faculty members

1. Dr.Mili Singh ,Digital Duniya Mein Laghu Samachar Patr Lakhanoo Mein Rujhaan Chunautiyaan aur Raneetiyan(**Apni Maati**) **2023**.
2. Dr.Mili Singh ,Lucknow Mein Laghu Samachar Patron ka Vartamaan Rujhaan (Ek Gunaatmak Adhyayan)(**Bahoori Nahin Aavana**) **2023**.

7. Books/ Book Chapter published:

Dr Pradeep Kumar, Oct 2023, published a chapter in book Bharat Me Digital Media with Topic Cyber Aparadh :Cyber Aparadh Ke Liye Naya Khatra

8. Research Publications: 2 research papers and 1 book Chapter

9. Honor/Award/ Recognition:

- (i) Dr. Mili Singh awarded Young Researcher Award by Shri Ramswaroop Memorial University for his research performance during the session 2023-24.
- (ii) Dr. Pradeep Kumar awarded Teaching Learning Innovation Award by Internal Quality Assurance Cell, Shri Ramswaroop Memorial University at I st position (Department Level) for the academic year 2023-24, for his contribution in the use of innovative teaching learning methods.

10. Photographs (Highlights of the department)



Institute of Biosciences and Technology (IBST)

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 2023-24

B.Sc. (Hons) Biotechnology B.Sc. (Hons) Microbiology	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.Sc. (Hons) Nutrition and Dietetics	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.
M.Sc. Biotechnology	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.
Ph.D (Biosciences)	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

Ms. Amisha Patel of M.Sc. Biotechnology qualified CSIR-NET-JRF and GATE examination.



CUET-PG 2024 qualifiers



Khushi Mishra



Umama Nomani



Sanjana Singh



Deepanshi Singh



Sachin Singh



Anvita Nigam



Abhinav Baranwal



Anshu Maurya

Sports Activities

- Student of biosciences participated in cricket matches held during UTSAH, 2024 event organized at university level.
- Student of B.Sc (H) FT Mr. Deepak Muzumdar won silver medal in lawn tennis in UTSAH, 2024 event held at SRMU campus.
- Students of Biosciences participated in volleyball matches held in UTSAH, 2024 event held at SRMU campus.



4. MoU Activities:

- IBST, SRMU signed a MoU with ICAR-NBFGR for the students to do summer internships, dissertations, and Project work at ICAR lab.

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

- Dr. Tabish Qidwai organized a conference on Current updates on Biotechnology and Biological Sciences during 10-15 July, 2023
- Faculty of Biosciences, IBST had organised a visit for students to AMUL dairy Industries on November 03rd 2023. This visit provided an overview about the industrial activities to the students and encouraged them for their career in dairy industries. The visit was coordinated by Dr. Ravi Kumar Deswal and Dr. Nikita Basant.
- Dr. Tabish Qidwai organized International Conference on Recent trends in Biological and Chemical Sciences on 25th November 2023.
- Dr. Tabish Qidwai organized a One-week Online workshop on Entrepreneurship and Skill Development during 10th-14th June 2024.
- Faculty of BioSciences, IBST had organised a visit for B.Sc (H) Biotechnology, B.Sc (H) Food and Technology and B.Sc (H) Nutrition and Dietetics students to CSIR-Indian Institute of Toxicology Research, Lucknow on November 21st 2023 under Jigyasya Programme. This visit provided an overview about the high-end research activities to the students and motivated them for their career in scientific research. The visit was coordinated by Dr. Sapna Sharma, Dr. Neeraj Tiwari and Ms, Aparna.
- **Food safety on Wheels:**
Food Safety and Standards Authority of India sponsored mobile units demonstrated the food testing called “Food Safety on Wheels” to reach out to consumers through as many touch points as possible. FOBS students participated and learn the food adulterant testing during their visit on 28th August, 2023, B-1 ground floor.



- The Institute of Biosciences and Technology (IBST) organized a Faculty Development Programme (FDP) on the topic “Current updates on Biotechnology and Biological Sciences” from July 10, 2023 to July 15, 2023.
- Dr. Tabish Qidwai organized a One-week Online workshop on Entrepreneurship and Skill Development during 10th-14th June 2024.

6. Achievements of faculty members :

- Dr. Sapna Sharma Assistant Professor (FoBS) received SERB-TARE (Teachers Associateship for Research Excellence) grant of Rs. 18.3L in 2024 for three years.
- Dr. Sankalp Misra, Assistant Professor received UPCST grant of 7.90L in 2023 for three years.
- Dr. Sankalp Mishra received Seed Money Grant of Rs. 50,000/- for research purpose from Shri Ramswaroop Memorial University. Dr. Sankalp Mishra received Seed Money Grant of Rs. 50,000/- for research purpose from Shri Ramswaroop Memorial University.
- Indian patent was granted to Dr. Ravi Deshwal on title “Smart Breast Cancer Therapeutic Device”.

- Dr. Sapna Sharma, invited as delegate and judged the scientific session at “Women in Academia, Research and Management of Food Safety and Toxicology (WARM-FoST)” held at CSIR-Indian Institute of Toxicology Research, Lucknow on 06th March 2024.
- Dr. Ankita Srivastava has participated in the International Symposium on "Artificial Intelligence in Biological Sciences: Recent Trends" organized by Department of Biosciences, Integral University, Lucknow on 23rd April, 2024.
- Dr. Sonal Prasad received certificate of honor for first position (Departmental level) Teaching Learning Innovation Award-2024 at Shri RamSwaroop Memorial University.
- Dr. Ankita Srivastava participated in “International symposium of genomics in cardiovascular health” under the aegis of India society of personalized medicine (ISPM) held on 28th February 2024.
- Dr. Neeraj Gupta successfully completed a 2-Week of online training Programme on “NEP 2020 Orientation & Sensitization Programme ” from 1 January – 14 January, 2024 under Malaviya Mission Teacher Training Programme (MM-TTP) of University Grants Commission(UGC) organised by Mahatma Hansraj Malaviya Mission Teacher Training Centre (MH-MMTTC), Hansraj College, University of Delhi.
- Dr. Sapna Sharma, Assistant Professor invited as Invited Speaker and Session Chair at 7th International Conference on Translational Research, Innovation in Translational Research: Transforming Tomorrow at All India Institute of Medical Sciences, New Delhi, India from 16th-18th October, 2023.
- Dr. Nishu Mittal, Assistant Professor invited as Invited Speaker at at 7th International Conference on Translational Research, Innovation in Translational Research: Transforming Tomorrow at All India Institute of Medical Sciences, New Delhi, India from 16th-18th October, 2023.
- Dr. Neeraj Gupta successfully completed completed a 4-Week Faculty Induction/Orientation Programme for “Faculty in Universities/ Colleges/Institutes of Higher Education” from 21 August – 19 September, 2023 and obtained Grade A.
- Dr. Neeraj Gupta successfully completed One Week (Online) Faculty Development Programme on “Environmental Pollution and abatement” (04th -09th September, 2023) organised by Nagaland University in collaboration with Mahatma Hansraj Faculty Development Centre Hansraj College, University of Delhi.
- Dr. Sankalp Misra, participated in “One Week One Programme” held at CSIR-NBRI on 17 th August 2023
- Dr. Sankalp Misra, Assistant Professor received Certificate of Honour from Shri RamSwaroop Memorial University, Barabanki.
- Dr. Sankalp Misra, participated in AMI2023 held at Bundelkand University, Jhansi, Uttar Pradesh.
- Dr. Renu Khare and Dr. Ravi Deshwal jointly published “Microbiology Essentials: A journey into the invisible.

7. Patents:

- Dr Ravi K Deshwal, has been granted a Indian patent on Smart Breast Cancer Therapeutic Device in 2023.

8. Books/ Book Chapter published:

Title of the chapter/Edited Book	Name of the author	Title of the Book	Year of publication
Biochemical characterization of plant secondary metabolites	Ramakrishna K, Chakravarthi G, Rai S, Singh P, Mishra S, Mishra D, Mishra V, Vikram A, Tiwari N.	Secondary Metabolites and Biotherapeutics	2024
Vanadium in industrial wastewater: a study on methods implicated for their removal and recovery	SUMAIYA AKHLAQ, DHANANJAY SINGH, MOHAMMED HARIS SIDDIQUI AND NISHU MITTAL	Resource recovery in industrial waste water	2023
Recovering industrial wastewater: application of	DHANANJAY SINGH, MAMTESH KUMARI,	Resource recovery in industrial waste water	2023

electrodialysis reversal approach	MOHAMMED HARIS SIDDIQUI AND NISHU MITTAL		
Nitrogenous fuels recovery from municipal wastewater treatment plants	ANJALI SINGH, DHANANJAY SINGH, MOHAMMED HARIS SIDDIQUI AND NISHU MITTAL	Resource recovery in municipal waste water	2023
Molecular mechanism of biofilm formation of pathogenic microorganisms and their role in host pathogen interaction	Dhananjay Singh, Nishu Mittal	Understanding Microbial Biofilms	2023
Biosurfactant producing plant growth promoting bacteria: eco-friendly approaches for charcoal rot management.	Ansari MM, Singh T, Majhi B, Misra S, Chauhan PS	Macrophomina Phaseolina	2023
Biowaste fortification by plant growth promoting microorganisms	Singh T, Misra S, Kar S, Dixit VK, Mishra SK, Chauhan PS	Recent Trends in Solid Waste Management	2023
Agriwaste burning management through microbial intervention	Semwal P, Majhi B, Pandey DD, Misra S, Mishra SK, Chauhan PS	Recent Trends in Solid Waste Management	2023
Bioinformatics in Pathway Identification, Design, Modelling, and Simulation	Israr J, Siddiqui S, Misra S, Singh I, Kumar A	Advances in Bioinformatics	2024
Bioinformatics in Pathway Identification, Design, Modelling, and Simulation	Israr J, Alam S, Siddiqui S, Misra S, Singh I, Kumar A	Advances in Bioinformatics	2024
Cellulose based nanomaterials for food packaging: Opportunities and challenges	Prasad S, Semwal P, Majhi B, Misra S	“Organic-Based Nanomaterials in Food Packaging”	2024
"Plant based meat alternatives: A sustainable approach for health and environment "	Prasad S, Semwal P, Majhi B, Misra S	Meat composition and nutrition	2024
Meat Transportation (Meat transportation, cold chain management, post-transportation treatments)	Prasad S, Yadav S	Meat composition and nutrition	2024
Starch-based nanomaterials for food packaging: Opportunities and challenges	Prasad S, Yadav S	“Organic-Based Nanomaterials in Food Packaging”	2024
Microbiology Essentials	Imran Hussain, Ravi K Deshwal, Renu Khare, Sujeet Pratap Singh	Microbiology Essentials	2024

9. Research Publications:

Title of the paper	Name of the author	Title of the journal	Year of publication
Toxicological impacts of microplastics on human health: a bibliometric analysis	Nishu Mittal, Neeraj Tiwari, Dhananjay Singh, Prabhanshu Tripathi, Sapna Sharma	Environmental Science and Pollution Research	2023
Applications of some advanced	Dhananjay Singh, Nishu Mittal,	Molecular Biology	2023

sequencing, analytical, and computational approaches in medicinal plant research: a review	Swati Verma, Anjali Singh, Mohammed Haris Siddiqui	Reports	
A Review on Biodegradation of Bioplastics in Different Environmental Conditions	Sumaiya Akhlaq, Dhananjay Singh, Nishu Mittal , Mohammed Haris Siddiqui,	Polymer Science, Series B,	2023
A review on pharmacological potentials of phenolic diterpenes carnosic acid and carnosol obtained from <i>Rosmarinus officinalis</i> L. and modern extraction methods implicated in their recovery	Dhananjay Singh, Nishu Mittal , Mohammed Haris Siddiqui	Trends in Phytochemical Research	2023
A review on biosynthesis, regulation, and applications of terpenes and terpenoids	Anjali Singh, Dhanajay Singh, Sapna Sharma, Nishu Mittal	Trends in Phytochemical Research	2023
Endophytic <i>Bacillus</i> strains enhance biomass and bioactive metabolites of <i>Gloriosa superba</i>	Pradeep Semwal, Sankalp Misra , Ankita Misra, Srishti Kar, Basudev Majhi, Shashank Kumar Mishra, Sharad Srivastava, Puneet Singh Chauhan	Industrial Crops & Products	2023
<i>Ochrobactrum</i> sp. NBRISH6 Inoculation Enhances <i>Zea mays</i> Productivity, Mitigating Soil Alkalinity and Plant Immune Response	Shashank Kumar Mishra, Sankalp Misra , Vijay Kant Dixit, Srishti Kar, Puneet Singh Chauhan	Current Microbiology	2023
Arsenic stress management through arsenite and arsenate-tolerant growth-promoting bacteria in rice	Basudev Majhi, Pradeep Semwal, Shashank Kumar Mishra, Sankalp Misra , Puneet Singh Chauhan	International Microbiology	2023
Siderophore-producing <i>Spinacia oleracea</i> bacterial endophytes enhance nutrient status and vegetative growth under iron-deficit conditions	Sankalp Misra , Pradeep Semwal, Deen Dayal Pandey, Shashank Kumar Mishra, Puneet Singh Chauhan	Journal of Plant Growth Regulation	2023
Endophytic Alkalotolerant Plant Growth-Promoting Bacteria Render Maize (<i>Zea mays</i> L.) Growth Under Alkaline Stress	Srishti Kar, Shashank Kumar Mishra, Sankalp Misra , Renuka Agarwal, Susheel Kumar, Puneet Singh Chauhan	Current Microbiology	2023
Endophytic bacilli from <i>Cyamopsis tetragonoloba</i> (L.) Taub. induces plant growth and drought tolerance.	Vaishali Umrao, Sushma Yadav, Pradeep Semwal, Sankalp Misra , Shashank Kumar Mishra, Puneet Singh Chauhan, Pramod Arvind Shirke	International Microbiology	2024
Assessment and Optimization of Xylanase Production Using Mono-Culture and Co-Cultures of <i>Bacillus subtilis</i> and <i>Bacillus pumilus</i>	Chitranshu Pandey and Neeraj Gupta	Microbiol. Biotechnol. Lett.	2023
A review on non- small cell lung cancer	Sunil Kumar Verma, Minakshi Pandey, Renu Khare , Devendra Singh	Vacunas	2023
Cytoprotection Study Of Curcumin On HeLa Cells Against Aflatoxin Induced Toxicity	Renu Khare, Mukesh Agarwal and Jaggi Lal	Indian Journal of Scientific Research	2023
A comprehensive review on nutritional	Sonal Prasad , Vinay Kumar	Food Science &	2024

interventions and nutritive elements: Strengthening immunity for effective defense mechanism during pandemic	Pandey, Kunal Singh, Rafeeya Shams, Rahul Singh, Gulden Goksen	Nutrition	
Development of Halotolerant Microbial Consortia for Salt Stress Mitigation and Sustainable Tomato Production in Sodic Soils: An Enzyme Mechanism Approach	Thukkaram Damodaran, Sunil Kumar Jha, Sangeeta Kumari, Garima Gupta , Vinay K. Mishra, Parbodh C. Sharma, Ram Gopal, Arjun Singh and Hanuman S. Jat	Sustainability	2023
Secretory molecules from secretion systems fine-tune the host-beneficial bacteria (PGPRs) interaction	Garima Gupta , Puneet Singh Chauhan, Prabhat Nath Jha, Rakesh Kumar Verma, Sachidanand Singh, Virendra Kumar Yadav, Dipak Kumar Sahoo and Ashish Patel	Frontiers in Microbiology	2024
Toxicological impacts of microplastics on human health: a bibliometric analysis	Nishu Mittal , Neeraj Tiwari , Dhananjay Singh, Prabhanshu Tripathi, Sapna Sharma	Environmental Science and Pollution Research	2023
Applications of some advanced sequencing, analytical, and computational approaches in medicinal plant research: a review	Dhananjay Singh, Nishu Mittal , Swati Verma, Anjali Singh, Mohammed Haris Siddiqui	Molecular Biology Reports	2023
A Review on Biodegradation of Bioplastics in Different Environmental Conditions	Sumaiya Akhlaq, Dhananjay Singh, Nishu Mittal , Mohammed Haris Siddiqui,	Polymer Science, Series B,	2023
A review on pharmacological potentials of phenolic diterpenes carnosic acid and carnosol obtained from <i>Rosmarinus officinalis</i> L. and modern extraction methods implicated in their recovery	Dhananjay Singh, Nishu Mittal , Mohammed Haris Siddiqui	Trends in Phytochemical Research	2023
A review on biosynthesis, regulation, and applications of terpenes and terpenoids	Anjali Singh, Dhananjay Singh, Sapna Sharma , Nishu Mittal	Trends in Phytochemical Research	2023
Endophytic <i>Bacillus</i> strains enhance biomass and bioactive metabolites of <i>Gloriosa superba</i>	Pradeep Semwal, Sankalp Misra , Ankita Misra, Srishti Kar, Basudev Majhi, Shashank Kumar Mishra, Sharad Srivastava, Puneet Singh Chauhan	Industrial Crops & Products	2023
<i>Ochrobactrum</i> sp. NBRISH6 Inoculation Enhances <i>Zea mays</i> Productivity, Mitigating Soil Alkalinity and Plant Immune Response	Shashank Kumar Mishra, Sankalp Misra , Vijay Kant Dixit, Srishti Kar, Puneet Singh Chauhan	Current Microbiology	2023
Arsenic stress management through arsenite and arsenate-tolerant growth-promoting bacteria in rice	Basudev Majhi, Pradeep Semwal, Shashank Kumar Mishra, Sankalp Misra , Puneet Singh Chauhan	International Microbiology	2023
Siderophore-producing <i>Spinacia oleracea</i> bacterial endophytes enhance nutrient status and vegetative growth	Sankalp Misra , Pradeep Semwal, Deen Dayal Pandey, Shashank Kumar Mishra, Puneet Singh	Journal of Plant Growth Regulation	2023

under iron-deficit conditions	Chauhan		
Endophytic Alkalotolerant Plant Growth-Promoting Bacteria Render Maize (<i>Zea mays</i> L.) Growth Under Alkaline Stress	Srishti Kar, Shashank Kumar Mishra, Sankalp Misra , Renuka Agarwal, Susheel Kumar, Puneet Singh Chauhan	Current Microbiology	2023
Endophytic bacilli from <i>Cyamopsis tetragonoloba</i> (L.) Taub. induces plant growth and drought tolerance.	Vaishali Umrao, Sushma Yadav, Pradeep Semwal, Sankalp Misra , Shashank Kumar Mishra, Puneet Singh Chauhan, Pramod Arvind Shirke	International Microbiology	2024
Assessment and Optimization of Xylanase Production Using Mono-Culture and Co-Cultures of <i>Bacillus subtilis</i> and <i>Bacillus pumilus</i>	Chitranshu Pandey and Neeraj Gupta	Microbiol. Biotechnol. Lett.	2023
A review on non- small cell lung cancer	Sunil KumarVerma, Minakshi Pandey, Renu Khare ,Devendra Singh	Vacunas	2023
Cytoprotection Study Of Curcumin On HeLa Cells Against Aflatoxin Induced Toxicity	Renu Khare, MukeshAgarwal And Jaggi Lal	Indian Journal of Scientific Research	2023
A comprehensive review on nutritional interventions and nutritive elements: Strengthening immunity for effective defense mechanism during pandemic	Sonal Prasad , Vinay Kumar Pandey, Kunal Singh, Rafeeya Shams, Rahul Singh, Gulden Goksen	Food Science & Nutrition	2024
Development of Halotolerant Microbial Consortia for Salt Stress Mitigation and Sustainable Tomato Production in Sodic Soils: An Enzyme Mechanism Approach	Thukkaram Damodaran , Sunil Kumar JhA, Sangeeta Kumari, Garima Gupta , Vinay K. Mishra, Parbodh C. Sharma, Ram Gopal, Arjun Singh and Hanuman S. Jat	Sustainability	2023
Secretory molecules from secretion systems fine-tune the host-beneficial bacteria (PGPRs) interaction	Garima Gupta , Puneet Singh Chauhan, Prabhat Nath Jha, Rakesh Kumar Verma , Sachidanand Singh, Virendra Kumar Yadav, Dipak Kumar Sahoo and Ashish Patel	Frontiers in Microbiology	2024

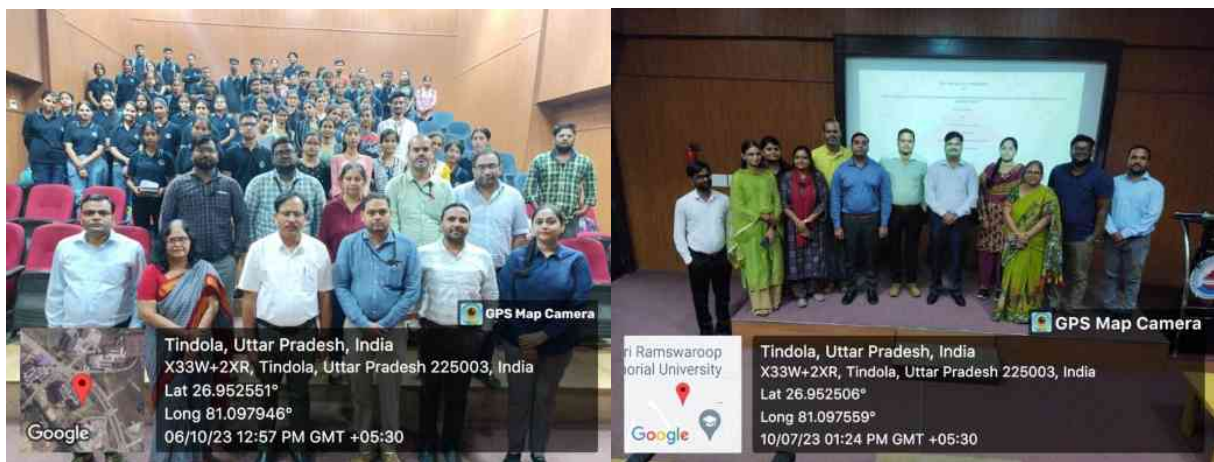
10. Honor/Award/ Recognition: NA

11. PhD awarded:

S. No.	Name of the Scholar	Names of the Supervisor	Title of the PhD Thesis	Date of Registration
1.	Ms. Shikha Yadav	Dr. Gurminder Kaur and Dr. Divya Gupta	Studies of Water, Salt and Temperature Stress on Kodo Millet (<i>Paspalum scrobiculatum</i> L)	2017-18
2.	Ms. Madhurima Tiwari	Dr. Prachi Bhargava	Invitro and In silico evaluation of antimicrobial activites of different extracts from seeds of <i>Sisymbrium</i> Species	2018-19
3.	Ms. Chitranshu Pandey	Dr. Neeraj Gupta	Screening of Xylanase producing	2018-19

			bacteria hemicellular enrich inhabitats in its applications.	
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12. Photographs (Highlights of the department) jpeg file as separate attachment.



Faculty of Biotechnology (FoBT)

1. Introduction about the department

Biotechnology has evolved as the most promising field in the area of life sciences due to its interdisciplinary approach and wide range of applications. It is a unique blend of technology and biology, resulting in coverage of broad areas like virology, molecular biology, immunology, biochemistry, and many more.

B.Tech. in Biotechnology started in 2012, is a unique four-year degree program that equips students with the necessary skill set to pursue their careers as a biotechnologist, virologists, and bioprocess engineers. SRMU, being one of the top universities in Uttar Pradesh, provides a blend of theory and experiment in the areas of cell biology, biochemistry, animal and plant biotechnology, bioinformatics, bioprocess technology, and others. It also deals with methods for environmental conservation, medicines, health, and technology. A two-year postgraduate degree program called M.Tech. Biotechnology is also available in the field of contemporary medical practice, with a focus on the study of bioprocesses and living organisms. SRMU is the best M.Tech. Biotechnology College in Lucknow, Uttar Pradesh, where the program's goal is to spread knowledge, with a focus on fundamental molecular methods such as proteomics, genomics, gene cloning, and others. Through practical instruction in bioprocessing, downstream processing, and computer applications in biotechnology, the students will improve their technical abilities. Being one of the best B.Tech. Biotechnology college in Lucknow, Uttar Pradesh, modules focusing on target skill development, employability, and entrepreneurship have been incorporated in the curriculum so that the students can avail widespread career options depending upon their interest. The Department of Biotechnology aims to provide an ambiance with cutting-edge teaching methodologies based on research-led learning, which enables the students to emerge as technocrats for contributing to building remarkable community standards.

2. List of Programs as running in 2023-24

The list of programs offered by the department in 2023-23 are:

- a) B.Tech (Biotechnology)
- b) Int. B.Tech + M.Tech (Biotechnology)
- c) B.Tech + MBA (Biotechnology)
- d) M.Tech (Biotechnology)
- e) Ph.D. (Biotechnology)

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

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
GATE Exam	GATE qualified	IISc and IITs	2

4. MoU Activities

Organization	Date of MoU signed	Purpose and Activities	Number of students/teachers who participated under MoUs
ICAR-National Bureau of Fish Genetic Resources (ICAR-NBFGR)	09/02/2024	Promotion of student training and quality post-graduate research	NA

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

S. No.	Title	Date	Sponsored by
1.	Industrial visit- CSIR Indian Institute of Toxicology Research, Lucknow	21 November 2024	NA
2.	Industrial visit- Amul Dairy Industries	03 November 2023	NA

3.	Medicinal plant based Agricultural enterprise (Dr. Shri Krishna Tewari, Chief Scientist, CSIR-NBRI, Lucknow)	06 November 2023	NA
4.	HPV Cancer awareness and molecular diagnosis of HPV (Dr. Suruchi Shukla, Associate Professor, Department of Microbiology, KGMU, Lucknow)	04 March 2024	NA
5.	Epigenetics in Health and Diseases (Dr. Kulwant Singh, Associate Professor, Stem Cell Research Centre, Department of Hematology, SGPGI, Lucknow)	24 April 2024	NA

S. No.	Name of the convener/coordinator	Title	Date
1.	Dr. Tabish Qidwai	Current updates on Biotechnology and Biological Sciences	10-15 July, 2023
2.	Dr. Tabish Qidwai	International Conference on Recent Trends in Biological and chemical Sciences	25 Nov, 2023
3.	Dr. Tabish Qidwai	One-week Online workshop on Entrepreneurship and Skill Development	10 th -14 th June 2024

6. 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	3	2	1	3	2		
Dr Tanvi Jain		5	-	4	--	1	
Dr Nikita Basant	1		-		---		
Dr. Devendra Singh	13	5	2	8	---		1 +1 seed money
Dr Kunal Singh	2	-	-		---		
Dr Deepankar Sharma	0	1	0	0	---		
Er. Sunil Kumar Verma	3	4	3	9	---		1 Seed money

Academic

S. No.	Name of Faculty	Name of Award	Organization conferring Award
1.	Dr. Devendra Singh	Young Scientist Award	Sidvi Foundation
2.	Er. Sunil Kumar Verma	Best Poster Award	Sidvi Foundation

Curricular

No. of Faculty	International level	National level	Local level
Attended Seminars/ Workshops	5		3
Presented papers	3		

Resource Persons		2	
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Co-curricular

S. No.	Name of the convener/coordinator	Title	Date	Whether International/State/National/Regional/University level
1.	Dr. Tabish Qidwai	Recent Trends in Biological and Chemical Sciences	25/11/2023	International conference in collaboration with Hindu College University of Delhi, New Delhi

7. Patents

Patent Details	Patent status Granted/Published/Filed	Patent Number	Date of Award
Environmental biotechnology by the usage of polymerase chain reaction	Published	4735/2023-CO/L	
Medical fluid infusion monitoring device	Granted	401077-001	30/11/23
Lead toxicity detector and water cleaning machine	Granted	409502-001	10/05/24
Heterocyclic compounds and methods of preparation there of	Published	202311039777	7/7/2023

8. Books/ Book Chapter published

Books		
Dr Tabish Qidwai	Falciparum Malaria: Diagnostic Tools, Therapeutic Advances, and Future Opportunities	Elsevier
Dr Tabish Qidwai	Interaction of Coronavirus Disease 2019 with other Infectious and Systemic Diseases	Taylor Francis (CRC Press)
Book Chapters		
Dr Tabish Qidwai	Current adjunctive therapy for the treatment of severe and cerebral malaria	Elsevier
Dr Tabish Qidwai	Falciparum Malaria and COVID-19 Co-Infections	Taylor Francis (CRC Press)
Dr Tabish Qidwai	Pathophysiology of SARS-CoV-2	Taylor Francis (CRC Press)
Dr. Devendra Singh	Insects as Biotic Stress in Agriculture	Springer
Dr. Devendra Singh	Obesity in Adolescents-Causes and Consequences	Bentham Science Publishers
Dr. Devendra Singh	Genetically modified organisms and the environment	Taylor and Francis
Dr. Devendra Singh	Trends in Secondary Metabolite Production from Plant Sources	Elsevier
Dr. Devendra Singh	Genetic engineering for secondary metabolites production	Elsevier
Dr. Devendra Singh	Impacts of Particulate Matter Pollution on Plants	Springer
Dr. Devendra Singh	Toxicology assessment of polymeric material for implants	CRC
Er. Sunil Kumar Verma	Impacts of Particulate Matter Pollution on Plants	Springer
Er. Sunil Kumar Verma	Toxicology assessment of polymeric material for implants	CRC
Er. Sunil Kumar Verma	Overview and History of Natural Products	Apple Academic Press
Er. Sunil Kumar Verma	Nutraceutical Approach for Metabolic Syndrome	Apple Academic Press
Er. Sunil Kumar Verma	Uses of Nanoparticulate Delivery System in Nutraceuticals",	Apple Academic Press

Er. Sunil Kumar Verma	A Brief History of Nutraceuticals	Apple Academic Press
Er. Sunil Kumar Verma	Obesity in Adolescents-Causes and Consequences	Bentham Science Publishers
Er. Sunil Kumar Verma	Genetically modified organisms and the environment	Taylor and Francis
Er. Sunil Kumar Verma	Insects as Biotic Stress in Agriculture	Springer
Dr Tanvi Jain	Novel Strategies in Radiotherapy to Reduce Hypoxia Using Nanomaterials (book name: Smart Nanomaterials Targeting Pathological Hypoxia)	Springer
Dr Tanvi Jain	ROS Responsive Silica Nanoparticles for Controlled and Targeted Drug Delivery (book name: Smart Nanomaterials Targeting Pathological Hypoxia)	Springer
Dr Tanvi Jain	Genome-wide transcriptome profiling of crop plants, Genomics, Transcriptomics, Proteomics and Metabolomics of Crop Plants,	Academic press
Dr Tanvi Jain	Role of Polymeric Micelles in Lung Cancer Management	CRC, Taylor and Francis

10. Research Publications

Title of the paper	Name of the author	Title of the journal	Year of publication
Cytokine storm in COVID-19 and malaria: Annals of pro-inflammatory cytokines	Tabish Qidwai*	Cytokine Journal	2024
Machine learning-based monkeypox virus image prognosis with feature selection and advanced statistical loss function	Sonam Yadav and Tabish Qidwai*	Medicine in Microecology	2024
Drug Target Identification for Listeria monocytogenes by Subtractive Genomics Approach	Niharika Chandra, Tabish Qidwai , Sachidanand Singh	Journal of Pure & Applied Microbiology	2023
Biometric analysis, biosynthetic pathway, and multipurpose uses of buckwheat local varieties in Namsai district of eastern Himalayas in India	Avinash Sharma, Himanshu Pandey, Chowlani Manpoong, Amit Vashishth Devendra Singh , Nguyen Tran Hai Bang	Trends in Food Science & Technology	2023
Biosynthesis and characterization of copper nanoparticles from Stenotrophomonas maltophilia and its effect on plant pathogens and pesticide degradation	Priyanka Kashyap, Poonam Shirkot, Ratan Das, Himanshu Pandey, Devendra Singh	Journal of Agriculture and Food Research	2023
Regulations and Factors Affecting of Light Emitting Diodes Artificial Light in Crop Production under Soilless Culture	Avinash Sharma, Himanshu Pandey, Vadakkumcheri Akathoottu Subrahmanian Nampoothiri Devadas, Devendra Singh #, Bhagya D. Kartha, Mannu Wangsu.	ACS Agricultural Science & Technology	2023
Effectiveness of the vaccine (Covaxin®) on different age groups of people: A pilot study	Vivek Chauhan, Adrija Rakshit, Vivek Kumar Dhiman, Gaytri Mahajan, Akash Pandey, Shamsheer Singh Kanwar, Devendra Singh*	Vacunas (Elsevier).	October (2023)
Musculoskeletal and neuromuscular dysfunction due to COVID-19 infection: A review.	Vivek Chauhan, Akash Pandey, Adrija Rakshit, Gaytri Mahajan, Shamsheer S. Kanwar, Vivek Kumar Dhiman, Devendra Singh*	Vacunas (Elsevier).	October (2023)
Influence of storage conditions, packaging, post-harvest technology, nanotechnology and molecular approaches on shelf life of micro greens	Avinash Sharma, Mainu Hazarika, Punabati Heisnam, Himanshu Pandey, V.S. Devadas, Devendra Singh , Mannu Wangsu, Bhagya D. Kartha	Journal of Agriculture and Food Research	November 2023

Recent advancements in cancer vaccines: A systematic review	Stuti Srivastava, Devendra Singh* , Sunil Kumar Verma, Minakshi Pandey, Avinash Sharma, Himanshu Pandey, Anshu Mishra	Vacunas (Elsevier).	November 2023
Plant defense strategies and biomarkers against heavy metal-induced stress: A comprehensive review.	Swati Tyagi, Vinay Kumar Dhiman, Vivek Kumar Dhiman, Himanshu Pandey, Devendra Singh	ACS Agricultural Science & Technology	2024
Probiotics: friend or foe to the human immune system.	Devendra Singh , Archana Singh, Sunil Kumar	Bulletin of the National Research Centre, (Springer).	2023
A Review on Non-Small Cell Lung Cancer	Sunil Kumar Verma, Minakshi Pandey, Reenu Khare, Devendra Singh* .	Vacunas (Elsevier).	2024
Genetic relatedness analysis in sapota using SSR markers	Rathva, Hemangini, Avnish Kumar Pandey, Kiran Suthar, Harish Suthar, Ankita Chakote, Diwakar Singh, Timur Ahlawat, Vivek Kumar Dhiman, Himanshu Pandey, Devendra Singh.	Ecological Genetics and Genomics	2024
Biodecolorization and biodegradation of Reactive Green 12 textile industry dye and their post-degradation phytotoxicity-genotoxicity assessments	Shweta Singh, Roshan Lal Gautam, Dharendra K. Chaudhary, Devendra Singh , Ram Naraiian	Archives of Microbiology	2024
Applying Deep Learning and Machine Learning Algorithms for The Identification of Medicinal Plant Leaves Based on Their Spectral Characteristics	Nidhi Tiwari, Bineet Kumar Gupta, Abhijityaditya Prakash, Mohammad Husain, Devendra Singh	Journal of Advanced Zoology	2023
Developing A Neural Network-Based Model For Identifying Medicinal Plant Leaves Using Image Recognition Techniques	Nidhi Tiwari, Bineet Kumar Gupta, Abhijityaditya Prakash, Kartikesh Tiwari, Sami Alshmrany, Arshad Ali, Mohammad Husain, Devendra Singh	Journal of Advanced Zoology	2023
Enhanced Delivery of Herbal Medications by Using Ethosomes	A. Anita, Tanvi Jain , Chetna Saini, Neha Devi,	Biochemical and Cellular Archives	2024
Unveiling the potential of starch-blended biodegradable polymers for substantializing the eco-friendly innovations.	Singh, Poornima, Vinay Kumar Pandey, Rahul Singh, Kunal Singh , Kshirod Kumar Dash, and Sumira Malik	Journal of Agriculture and Food Research	2024
A critical review on integrating bio fortification in crops for sustainable agricultural development and nutritional security	Sandhu, Rubby, Nischay Chaudhary, Rafeeya Shams, Kunal Singh , and Vinay Kumar Pandey	Journal of Agriculture and Food Research	2023
Reducing Arsenic Uptake in Cereal Crop Plants with Sugarcane Waste Application: A Comparative Study on the Effects on Physiology, Biochemistry, and Grain Nutrient Status	Gautam, Ambedkar, Nikita Basant , Navin Kumar, Kriti, Shiv Naresh Singh, Arvind Kumar Dubey, Gayatri Singh, Babita Kumari, Kavita Shah, and Shekhar Mallick	Journal of Plant Growth Regulation	2023
Network Pharmacology Unveils Potential	Noopur Khare, Megha Barot,	Cell	2024

Targets of Madhuca longifolia in Treating Alzheimer's Disease: An Advanced Strategy in Drug Discovery	Sachidanand Singh, Tanvi Jain	Biochemistry and Biophysics	
Unveiling an integrated strategy for creating a comprehensive multi-epitope-based subunit vaccine against Salmonella: Bridging core proteomics, subtractive proteomics, and immunoinformatics	Yamini Chand, Tanvi Jain and Sachidanand Singh	Cell Biochemistry and Biophysics	2024
Transgenic plant and their role in ecosystem	Kunal singh* , Palak singh , Praneta yadav , Arpita singh , Rahul rawat	International Journal of Food and nutritional Sciences	2024
Development and Quality evaluation of noodles from pearl millet	Sweta Singh , Ajay kumar Singh , Kunal Singh	International Journal of Food and nutritional Sciences	2024

11. Honor/Award/ Recognition

S. No.	Name of Faculty	Name of Award	Organization conferring Award
1.	Dr. Devendra Singh	Young Scientist Award	Sidvi Foundation
2.	Er. Sunil Kumar Verma	Best Poster Award	Sidvi Foundation

12. PhD awarded

Niharika Srivastava under the supervision of Dr Tabish Qidwai on the topic “Comparative Genomics of Listeria monocytogenes for identification of core and putative essential genes in association with pathogenesis of Rheumatoid Arthritis and Inflammatory Bowel Disease”

13. Photographs (Highlights of the department)



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 is presently running 5 programs i.e. MBA, MBA (Healthcare Management), MBA (Business Analytics), BBA, and BBA (Business Analytics), BBA (Digital Banking & Finance), BBA (Aviation & Hospitality). The department has presently 25 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 are having doctorate degrees or are Net qualified.

The total 91 students were admitted in all the 3 programs during the academic session 2023-24. The admissions are as follows MBA I year 142, MBA (Healthcare) I year 6, MBA (BA) I year 25, BBA I year 196, BBA (DBF) I year 39, BBA (Aviation & Hospitality) I year 27, BBA (BA) I year 33, and in MBA II year 134, MBA (Healthcare) II year 7, MBA (BA) II year 5, BBA II year 197, BBA (Aviation & Hospitality) II year 20, BBA (BA) II year 42 and BBA III year 85, BBA (BA) III year 33. Total number of students was 965. All the students of MBA, MBA (BA), BBA, BBA (BA) final year were passed during the session 2023-24. 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 in PhD programs in reputed institutions and universities. Some students are preparing for competitive exams and higher studies.

During the academic session 2023-24, students have 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 Anubhuti, Certificate of internship from Olibr, certificate in Harmony etc. Students also participated in sports events like kho -kho and kabaddi and got the certificates.

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", Career Counseling by Vision IAS Academy, 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 organized and participated in the various activities like CATC214 Camp, TSC Bareilly, LID Parade, Har Ghar Trianga Program, Blood Donation, SNIC Camp, Road Safety Drive, Republic Day Prade etc.

During the present academic session the department organized three faculty development programs and one workshops on the topics: Research Methodology, "Hands on Data Analysis through 'R' in Research, 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 11 guest lectures were also organized in the department with industry and academia experts for the students.

During the present academic session faculties were continuously engaged in the research and publication process and got published 12 research papers in reputed international journals. Faculties have attended seminars/workshops in 09, international, National 13, and local 4. one research paper has been presented paper. 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 with the 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

The Institute of Management, Commerce & Economics consists of two departments i.e. Faculty of Management and Faculty of Commerce & Economics. The Faculty of Commerce and Economics is presently running 3 programs i.e. B.Com. (Hons.), B.Com, BA (Economics) (Hons.). The department has presently 10 full-time faculty members from the disciplines of Commerce and Economics. The courses related to other disciplines are taught by the faculties from other institutes and faculties. Most of the faculties are having doctorate degrees or are Net qualified.

The total 91 students were admitted in all the 3 programs during the academic session 2023-24. The admissions were as follows: B Com. (Hons) 31; B Com. 53 and B.A. (Economics) (Hons.) 07. All the students of B Com. (Hons.) and BA (Economics Hons.) final year were passed during the session 2023-24. Only one student opted for the job and got placed with a salary package of 3 lakhs. Few students have taken admission in MBA, M.Com and MA programs in reputed institutions and universities. One student of BA (Economics) Hons has succeeded in getting admission in the overseas university ie University of Liverpool in MSc Economics Program. Students are preparing for competitive exams and higher studies.

During the academic session 2023-24, students have 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", Career Counseling by Vision IAS Academy, 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 CATC214 Camp, TSC Bareilly, LID Parade, Har Ghar Trianga Program, Blood Donation, SNIC Camp, Road Safety Drive, Republic Day Prade etc.

During the present academic session the department organized three faculty development programs and one workshops on the topics: Research Methodology, "Hands on Data Analysis through 'R' in Research, 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 11 guest lecturers were also organized in the department with industry and academia experts for the students.

During the present academic session faculties were continuously engaged in the research and publication process and got published 10 research papers in reputed international journals and 2 book chapters in the international books. 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 with the 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.

Institute of Pharmacy

1. Introduction about the department

Institute of pharmacy runs two programs i.e. B. Pharm, D. Pharm as per PCI norms and Ph.D as multi-disciplinary program. Uniform curriculum followed throughout the courses as per PCI pattern. Institute recruits well qualified faculties for teaching and learning process. Institute have well equipped laboratories with well industrial-scale machineries for different disciplines. Guest lectures, seminar, conferences are organized on regular basis for upliftment of faculty as well as students' welfare. Institute have enriched academic resources with access of e-journals for research upliftment. Institute runs value-added courses for general awareness and student employability. Research collaboration and MOU's with renowned research and professional bodies have been established

2. List of Programs as running in 2022-23

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

3. MoU Activities

Organization	Date of MoU signed	Purpose and Activities	Number of students/ teachers participated under MoUs
IIT Kharagpur	08.08.2023	Aim to promote academic corporation and exchange of teaching and research experiences	35

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

S. No.	Date	Platform	Particular	Topic	Speaker	Speaker Profile
1	01.07.2023-08.07.2023	Online	FDP	"Innovative Research in Pharmaceutical Industries"	Ms. Shraddha Srivastava	Assistant Drug Controller
					Mr. Manoj K Panigrahi	Manager Mepro Pharmaceutical, Pvt, Ltd Vadodara
					Ms. Juhi Mishra	IPD Analytics Senior Researcher Biosimilars and Competitive Intelligence
					Ms. Soumya	Assitant Prof. GNITM, BBK
					Mr. Shailesh Yadav	Assistant Prof. RPMCP
					Ms. Monica	Assistant Prof. VGI, Noida,
					Ms. Deepika	Associate Prof. MUIT

2	23.09.2023	Offline	Guest Lecture	World Pharmacist Day	Dr. Shimpy Srivastava	Madhavbagh
3	23.09.2023	Offline	Health Checkup Camp	World Pharmacist Day	Dr. Amit Verma	Nova College of Pharmacy

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

Research: 7 Patents, 14 Book Chapters and 15 Papers

Academic: Attended conferences and presented papers in National conferences as APTI and IPC.

Curricular: Faculty has done FDP, Malviya Training Program, Professional Development Program

Co-curricular: Attended conferences.

6. Patents

S.No.	Name of the Teacher	Patent Number	Nature of the patent		Title of Patent	Status/ Year of Award / Publish of patent
			National	International		
1	Ms. Sarita Singh, Dr. Manju Pandey	31271/2023-CO/L	Indian		Phytochemical, Antioxidant, and Anti-Inflammatory Activities in Several Extracts of Lactuca sativa L. var. crispa	ROC (Jan 2024)
2	Ms. Sarita Singh, Dr. Manju Pandey, Mr. Ajeet Singh			International (UK)	Intracardiac oximeter for diagnosis of heart disease	Patent Grant in March 2024
3	Ajeet Singh	202321087524A	Indian		NOVEL NEURO- PROTECTIVE AGENTS MITIGATING ACUTE CEREBRAL ISCHEMIA/REPERFUSION INJURY	19/01/2024
4	Dr. Yasmin Khatoon	202311005200 A	Indian		QSAR Modelling to Forecast the Health Effects of Nano-Crystalline Metal Oxides from A Toxicological Perspective	10/02/2023
5	Dr. Yasmin Khatoon	202311004202 A	Indian		A Method Peptide Vaccines and Formulations for The Prevention and Immunotherapy of Alzheimer's Disease	10/02/2023
6	Dr. Yasmin Khatoon	Design No.: 382819-001	Indian	Granted	DESIGN PATENT TITLE: Gravimetric Measuring Instrument of Capsule for Pharmaceutical Purpose	03/04/2023

7	Ms. Apurwa Singh	202311045110A	Indian	Fast Disintegrating Tablets For Restoration of Immunity_Published	28/7/23
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7. Honor/ Award/ Recognition:

- Dr. Shikha Srivastava, Research Excellence Award at University level, 3rd Position, 15th August' 2023.
- Ms. Sarita Singh, Research Excellence Award, 15th August' 2023
- Ms. Pragati Singh, Teaching and Innovation Award at departmental level, 26th January' 24.

8. Photographs (Highlights of the department)



Institute of Pharmaceutical Sciences (IoPS)

Introduction about the Department:

The Institute of pharmaceutical sciences was established in 2023-24, affiliated to Shri Ramswaroop Memorial University, and approved by Pharmacy council of India, New Delhi.

The institute occupied 2.5 acer land well maintained infra structure and well equipped laboratories for experimental syllabus and research work , the institute having well maintained Library decorated with e library, the library having facility of research oriented International and National journals. Institute providing Air conditioned atmosphere for reading of four more than thousand books

Program Running: Institute of Pharmaceutical Sciences started in session 2023-24 with Pharmacy course under that a B.Pharm & D.Pharm course are running with intake of 60 seats Eligibility criteria is, students should pass 10+2 with PCB/PCM with 50% marks. In B.Pharm the students pass with D.Pharm can take admission directly in B.Pharm 2nd year in Lateral Entry.

Out Standing of students: The students of Pharmacy gain knowledge of research linked education, professional, knowledge associated to drug discovery and drug delivery system, clinical trial education for the personality development of the students different co-curricular activities and innovative activities are done for the polishing of the students personality

Achievements of Faculty: More than fifty present of faculty members attended conferences and published the research article and research papers on international and national level, on the academic end the faculty planned the theory and practical as per the syllabus of Pharmacy council of India, the faculty do their result oriented workout on students related to program and course learning output, faculty analyzed the students demand and identify the slow learning and quick learning students and do the needful, faculty buildup the confidence of students and motivated to appear in co-curricular activities

Publications: Patents Faculty and director try to give the patent, Director Give a patent on transdermal patch for diabetes mellitus. Faculty published Text books on of pharmaceutical subjects based on the syllabus of Pharmacy Council of India, faculty involved in research and published their research papers on national and International level.

Institute of Architecture & Planning

1. Introduction about the department

Institute of Architecture and planning was started in year 2017. Institute is committed to provide state of art professional courses to meet up the industry demand through well-established labs, studios, lecture rooms, sports facilities, yoga and gym facilities for the students for their overall development. IAP's endeavors to strengthen the professional development of the faculty members as they directly deal with students. Our aim is to assist and support these educators to increase the effectiveness of their teaching, so that they can better guide students on their journey of inquiry and discovery.

Professional Development Programmes, Orientation Programmes, Dialogues Series, Industry Guest Lectures, Workshops and Conferences are organized for the comprehensive development of our faculty to sharpen their knowledge, and to establish link with their academic and industry peers. This will also enhance their pedagogical approach as well. Besides this "IAP" also encourages its faculties to participate in Sports activities and Annual Sport's Meet. They are engaged in different committees like Entrepreneurship Cell, Exhibition Committee, Cultural Committee and many more.

2. List of Programs as running in 2023-24

S. No.	Course Name	Branch
1.	B. Arch	Bachelor of Architecture
2.	B.ID	Bachelor in Interior Design
3.	B. Des (UX)	Bachelor in Design -User Experience

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

S. No.	Programme name	Name of Student	M.G.P.A./C.G.P.A
1.	B. Arch	Isha Kumari	8.2
2.	B.ID	Zainab Ahad	8.5

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	Whether International/ State/ National/ Regional/ University level
1	Ar Amod C Katiha/Ar. Nilesh Kr, Yadav	Webinar on "Sciography and Architecture "	IAP, SRMU	19/04/2024	University level
2	Ar Amod C Katiha/Ar. Pragya Sharma	Webinar on "Sustainable Cities"	IAP, SRMU	21/03/2024	University level
3	Ar. Amod C. Katiha	NEP-2020 Orientation Programme "Orientation and Sensitization"	AMU, Aligarh	04 March to 13 March 2024	National level

4	Ar Amod C Katiha/Ar. Pooja Sonker	Workshop on “Tiles & Sanitary Fittings” by Johnson Tiles	IAP, SRMU	12/02/2024	University level
5	Ar. Amod C. Katiha	FDP on “Professional Development : Challenges and Responses”	IER, SRMU	7 th Aug. to 13 th Aug. 2023	University level
6	Ar. Meenakshi Singh	Educational Tour – “Lucknow Residency”	IAP, SRMU	29/11/2023	University level
7	Ar. Meenakshi Singh	Site Seminar Awadh & Hyderabad, Venue – Frog temple Sitapur	Lucknow Architect Association	18/11/2023	Regional level

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

S. No.	Title	Date	Sponsored by
1.	Webinar on “Sciography and Architecture “	19/04/2024	IAP, SRMU
2.	Webinar on “Sustainable Cities”	21/03/2024	IAP, SRMU
3.	Workshop on “Tiles & Sanitary Fittings” by Johnson Tiles	12/02/2024	IAP, SRMU
4.	Educational Tour – “Lucknow Residency”	29/11/2023	IAP, SRMU

5. Achievements of faculty members

Co-curricular: A Book Published by Rajmangal Publication, Aligarh titled as Shrimad Bhagvad Gita 'Yathabhav' written by Ar. Amod C Katiha, Asst. Prof. IAP

6. Books/ Book Chapter published: A Book Published by Rajmangal Publication, Aligarh titled as Shrimad Bhagvad Gita 'Yathabhav' written by Ar. Amod C Katiha, Asst. Prof. IAP

7. Photographs (Highlights of the department)

Workshop on Johnson Tiles and Sanitary Fitting



Site Seminar, At Frog Temple, Lakhimpur

**On an auspicious Occasion of
World Heritage Week Celebrations**

Site Seminar: Awadh and Hyderabad

Venue: Frog Temple, Lakhimpur

22nd November, 2023

Expert:
Ar. Madhu Vottery
ICOMOS Cultural Tourism
Expert Heritage
Education Consultant @Angana
Tourism Hyderabad

Organizer:

**LUCKNOW ARCHITECTS
ASSOCIATION**

Co-ordinator:
Dr. Mohit Kumar Agarwal
Professor & Dean
School of Architecture & Planning
BBD University
© 31/11/23 On: 3099091457



Institute of Education and Research

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

B. Ed. M.A. Education and Ph.D. Programs are currently running in the Institute of Education and Research, Shri Ramswaroop Memorial University. All programs have been designed with the aim to develop an insight about the learners, learning and development for the fulfilment of the need of the society and industry.

It focuses on enabling the learners to reflect critically on perspectives of education and integrate holistically the 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 has also taken initiative of undertaking IKS aligned to the NEP, 2020 from this session

2. List of Programs as running in 2022-23:

- i) B. Ed.
- ii) M.A (Education)
- iii) Ph.D. (Education).

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

Pupil teachers organized a community work to spread awareness for voting among students and their parents at GIC, Nishat Ganj, Lucknow.

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

- i) On International Youth Day, Institute of Education and Research, organized a lecture on this year's theme "*Intergenerational Solidarity: Creating World for all Ages*", on 10th August, 2023. Prof. (Dr.) Ritu Chandra addressed the students and raised awareness about cultural and legal issues related to the youth.
- ii) The Institute organized Rakhi Making Competition on 11th August, 2023, on Raksha Bandhan. The students of IER, participated in the activity with fun and diligence.
- iii) RUN FOR ATAL event was organized by Shri Ramswaroop Memorial University on 14th August, 2023, in the memory of our Late Prime Minister Shri Atal Bihari Vajpayee ji. The event was inaugurated by the honorable Governor, Smt. Anandiben Patel. Students of Institute of Education and Research also participated and witnessed the activity with immense zeal.
- iv) The University commemorated 76th Independence Day celebration on 15th Aug, 2023. As a part of Azadi Ka Amrit Mahotsav, Independence week was celebrated between 11th -17th August, and Har Ghar Tiranga program was implemented between 13th -15th Aug, 2023, by all students and faculty members of the Institute.
- v) On 18th August, 2023, Institute of Education and Research organized a debate competition as a part of Janmashtami celebration, in the department. The topic of debate was "*Relevance of Lord Krishna as*

- Arjun's Charioteer* “. The aim of organizing this competition was to focus on the significance of mental, spiritual, and strategic advices by Lord Krishna.
- vi) The Students of Institute of Education and Research presented their papers on Soft Skills, in the seminar organized by the department on Saturday, 20th August, 2023. The objective of the seminar was to provide students with a platform that may help in realization of their potential by developing strong leadership, teamwork, and communication abilities, that may positively influence their personal capabilities.
 - vii) National Sports Day was commemorated in the Institute of Education and Research on 29th Aug, 2023 to acknowledge the birth anniversary of hockey legend, Major Dhyan Chand. A debate competition was organized in the department on the topic ‘Why Cricket is more popular than Hockey’. The aim of organizing this competition was to acknowledge the spirit of national sport veterans and their contribution in Indian sports.
 - viii) To mark the birth anniversary of Sarvepalli Dr. S. Radhakrishnan, Teacher’s Day was celebrated in the Institute. A book reading session on “BHAGAVAD GITA’ by Dr. S. Radhakrishnan was organized on 5th September, 2023, to inspire our students with the worldly wisdom through rendering of world’s greatest epic.
 - ix) On 3rd October, 2023, Dusshera celebration was organized in the department to commemorate the victory of Lord Rama over Ravana, enforcing the message of good over evil. The purpose of organizing this celebration was to facilitate cultural exchange among pupil teachers to foster intercultural learning experiences. The pupil teachers enthusiastically participated & decorated the department and displayed their festive creativity in the form of posters on the soft board.
 - x) An Educational Visit was planned between 20th – 23th Oct, 2023, to Ramnagar, Nainital and Haridwar, for the second-year students of B.Ed. The visit was organized as a part of field engagement as per the curriculum of B.Ed. Pupil Teachers visited Museum and Girija Devi Mandir in Ramnagar and Naina Devi Mandir, Naini Lake, Various Taals and Kumaun University, Nainital.
 - xi) Students of B.Ed. first year enthusiastically participated in the Diya making and Soft-Board decoration competition organized on 22nd Oct, 2023, as a part of Diwali celebration in the department.
 - xii) As a best practice of the Institute where we claim to create socially responsible and humane teachers, community work initiative had been laid by the institute to facilitate experiential learning platform for our pupil teachers to collaborate with communities to address their problems and issues. A two-day community work programme on Health & Hygiene and Tree Plantation, was organized in Kisan Madhyamik Vidyalaya and Warsi Inter College respectively on 26th & 29th Nov, 2023.
 - xiii) One-day Workshop on “Well-being, Positive Thinking, Career and Relationship”, was organized by the department on 17th December, 2023. Mr. Santosh Kumar Mishra, Deputy Director, Census, govt. of India, was the keynote speaker. The focus of this interactive workshop was to reinforce positive thinking habits and to develop resilience among students. The students of many departments attended the workshop and actively participated. The workshop was coordinated by Dr. Gyan Prakash Srivastava and Dr. Ashish Awasthi.
 - xiv) National Science Day was celebrated on February 28, 2024, to commemorate the discovery of Raman Effect by Sir C.V. Raman. A quiz competition was organized for the students of B.Ed., to mark and recognize the contributions of scientists towards the development of the country.
 - xv) The department organized online one week Faculty Development Program on ‘*Pedagogical Skills*’ from 27th June to 2nd July, 2023. The faculty members of IER participated as resource persons and there were about 150 participants from both SRMU and other institutions.
 - xvi) The B.Ed. students of both the semesters visited Government Inter College (GIC), Nishat Ganj, Lucknow, for the completion of their Practice –in-Teaching Cycle between 12th -29th April, 2024, as a part of curricular activity as proposed by NCTE to receive hand-on teaching-learning experience from an educational setup, for the fulfilment of their B.Ed. programme.
 - xvii) All the students of B.Ed. IVth semester enthusiastically participated in their field visit activity to Chetna Sansthan, Aliganj, Lucknow, between 22th -24th April, 2024. Chetna Sansthan being a special school acclimatize the method of educating students who necessitate special requirements in a manner

- that speaks to their individual disparities and desires. The purpose of organizing such a visit was to sensitize our students towards children with special needs as well as intended to make them learn as how to aid students having special needs of attaining an advanced level of individual self-reliance and achievement in school, college, and their society. The visit was coordinated by Dr. Gyan Prakash Srivastava.
- xviii) All the students of B.Ed. IVth semester visited UP State Human Rights Commission on 20th & 21st April, 2024 as a part of their field engagement programme in B.Ed. The visit to the Commission was planned and organized with the sole objective of spreading human rights awareness amongst our pupil teachers and to encourage them to become stake holders in the field of human rights protection and sustenance. The visit was coordinated by Dr. Gyan Prakash Srivastava.
- xix) A vocational counselling session was organized at Government Inter College, Nishat Ganj, Lucknow on 17th April, 2024, by the B.Ed. students of Institute of Education and Research. The session was organized with the aim to conserve the priceless native capacities of youth and to aid individual student to choose a better career option for their future. The session was coordinated by Dr. Rashmi Chaturvedi and Dr. Sandeepa Kaur.
- xx) Institute of Education and Research organized a seminar on Gender Equality on 24th April, 2024, at Government Inter College, Nishat Ganj, Lucknow. The seminar was conducted with the purpose to build capacity of equality and exchange of good practices among each member of the society. The seminar aimed at creating a safe environment for children of all genders as well as in building healthy relationship between students.
- xxi) A workshop on Awareness of ICT was organized at Government Inter College, Nishat Ganj, Lucknow on 25th April, 2024, by the B.Ed. students of Institute of Education and Research. The workshop was conducted with the aim to acquaint and familiarize government school students with the new technological trend in education, like use of Google Classroom, access to G-Meet etc. the workshop was organized with the intend to make student realize its overall characteristics, strategic functionality, and competitive advantage.

5. Books/ Book Chapter published:

Research Publications: 08

- Paper entitled Thriving in the 21st century: A comprehensive Review of Life skills and their impact on Happiness and Wellbeing, Bhartiya Shiksha Shodh Patrika, vol 42, No.2(ii), July-December, 2023 1. ISSN- 0970-7603
- Paper entitled Spiritual Intelligence and its relation with psychological wellbeing Vidyawarta, Issue No. 49, Vol 01, Jan-March, 2024 ISSN No. 2319-9318
- Paper entitled “वाराणसी जनपद के सामाजिक मानसिक के किशोरो ग्रामीण एवं शहरी वाले स्थिति आर्थिक-अध्ययन तुलनात्मक का योग्यता the original source, Vol 7, No-23, July-Sep 2023 ISSN No. 2319-6297
- Paper entitled “Brahma Nirupan of Kabir: A search for ultimate reality Journal of Indian council of Philosophical Research (under review) Springer Nature
- Paper entitled लखनऊ में मध्यानभोजन योजनाचुनौतियाँ परिचालन और प्रभाव पर शिक्षा प्राथमिक : ISSN No. 226, n45-6294(spring) 2023 Res Militaris, vol13
- Paper entitled जे। कृष्णमूर्ति के दृष्टिकोड के अनुसार शिक्षा में शिक्षक की परिवर्तक भूमिका दृष्टिकोड पीर रेविएवेद जर्नल ISSN 0975-119X vol 3
- Paper entitled Impact of social media use, life satisfaction and emotional competence among Adolescents of govt. and private schools YMER vol23 issue 6 June 2024 Scopus active list _II ISSN 0044-0477 Priyanka Singh Ritu Chandra
- Paper entitled Promotion of Mother Language Act: Punjab Vs Uttar Pradesh, Multilingual Biannual Social Science, Peer Reviewed Journal - Vidya Sagar Patrika, ISSN Number: 2583-746X, Volume:V, Issue: II, December 2023, Page No: 123-128.
- Paper entitled BHAGAVAD GITA AND EMOTIONAL INTELLIGENCE Journal. Shod Prabha ISSN 0974-8946, April 2024.

Book Chapters: 15

- Use of constructivism into the Teaching learning process Dr. Ritu Chandra New Trends and Innovative Practices in Educational Processes. ISBN 978-81-962747-9-5 world Book Publication, 2023
- प्राचीन भारत में शिक्षण विधियां Hafsha Naseem, Research Scholar Ritu Chandra भारतीय शिक्षा प्रणाली ; चुनौतिया, मुद्दे एवं समाधान ISBN 978-81-19463-71-8 Blue Duck Publication
- Navigating life skills challenges in the Indian Education System: A path to empowerment. Book Features of Indian Education system ISBN 978-81-972079-3-8 publisher Genic books publishers Pvt.Ltd.
- A comprehensive Analysis of Life skills education in the context of NEP2020 book Indian knowledge Tradition and NEP2020 Shumila Fatma Naqvi, Research Scholar Prof. (Dr.) Ritu Chandra, Professor,
- Role of teacher in Education book new way of student development ISBN 978-93-92310-97-3 Pallavi Rastogi Ritu Chandra
- कुसमायोजित बालक Recent Intelligent Technologies in Science, Engineering, Humanities& Management (ICRITSEHM-2024) RFI publication ISBN 978-81-1915-55-4 Garima Tiwari Ritu Chandra
- New Education Policy 2020 and Relevance of 5+3+3+4 Education System, ISBN: 978-93-89984-71-2, PRAKHAR GOONJ PUBLICATION, DELHI- 110089, Single Author. 2023.
- The Emergence of Blended Learning in Teacher Education, June 2024, ISBN: 978-81-19708-55-0 single author
- Creating and sustaining peace: Role of ICT and Media ISBN 978-9-392787-73-7 FBS publications
- Right to Education Act 2009, Edited book 2023 - History of Education, ISSN No- 978-93-91654-00-0, Page No: 130 to 134, Single Author
- New education policy and school education in urban, Edited Book December 2023- Education in urban India, ISSN No: 978-81-19190-90-4, Page No: 81 to 85, Single Author
- Packaging, Edited Book 2023 -Fundamentals of Marketing Management 2023, ISSN No- 978-93-91654-13-9, Page No- 149 to 153, Single Author
- Chanakya: An Ancient Indian Polymath, ISBN-978-81-968664-93, Page No- 207-215
- Introduction to knowledge societies and digital transformation, Edited Book 2023- Building a knowledge Society: NEP 2020 and the Digital Transformation
- उच्च शिक्षा नीति शिक्षा राष्ट्रीय :2020 के परिप्रेक्ष्य में उच्च शिक्षा, रचनाकार पब्लिकेशन हाउस आईएसबीएन- 978-93-91791-99-5.

6. **PhD awarded:** Dr. Gyan Prakash Srivastava and Dr. Sandeepa Kaur

7. Photographs



International Youth Day



Deepawali Celebration



Raksha Bandhan Celebration



Teachers Day Celebration



Educational Visit to Nainital and Ramnagar, Uttarakhand



Workshop



SHRI RAMSWAROOP MEMORIAL UNIVERSITY
INSTITUTE OF EDUCATION AND RESEARCH
 Organizing Webinar
 ON
Inclusive Education: Removal of Barriers.
 Monday, 20th November, 2023
 10:30 Onwards on Google Meet
<https://meet.google.com/unv-ztkg-yiq>

Resource Person

CONVENER
 Prof. (Dr.) Ritu Chandra
 Principal, IER
 SRMU

CO-CONVENER
 Dr. Sandeepa Kaur
 Assistant Professor
 IER, SRMU



Dr. Poonam Aggarwal
 Assistant Professor
 Regional Institute of Education, NCERT
 Bhopal

STUDENT COORDINATORS
 Jasmeet Kaur (M.A. Education)
 Rinku (B.Ed. 1st Year)
 Urvashi Verma (B.Ed. 1st Year)

Guest Lectures and Webinars



Practice Teaching- Chetna Institute



Education Counselling Session

Institute of Diploma Sciences (IDS)

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, the 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 as running in 2023-24:

- (a) Diploma in Civil Engineering
- (b) Diploma in Mechanical Engineering (Automobile)
- (c) Diploma in Mechanical Engineering (Production)
- (d) Diploma in Computer Science and Engineering
- (e) Diploma in Electrical Engineering

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

Abhay Yadav Dip ME 2nd 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.

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

- (a) Mr. Rohit Singh, Lecturer ME received Best Paper Presentation Award at Two days National Conference on Innovative Trends in Engineering and Management. Topic Title : Effect of ZnO Nano particles on performance of CI Engine Fueled with Neem Biodiesel and Diesel blends.
- (b) Guest lecture on “Industry 4.0: Journey towards the fourth industrial revolution” delivered by Dr. Kamlesh Tiwari, Mechanical Engineering Department, FoET University of Lucknow and Students of diploma ME and EE 2nd & 3rd Year attended the lecture.

- (c) Workshop on “Open Challenge Program (OCP 5.0)” conducted on February 29, 2024 at SGPGI and Polytechnic attended.
- (d) An Industrial Visit was conducted on 23 Sep 2023 in “GOBIND INDUSTRIES PVT. LTD” which is leading company in manufacturing of farm Machinery & Implements in comfortable price & range for diploma ME 2 & 3rd Year and Dip EE 3rd Year.
- (e) Industrial Visit: Dip CS & 3rd year visited on 13th March, 2024 at ‘Software Training Park of India’.

6. Achievements of faculty members

a) Research:

- **Rama Nand Mishra, Akhilesh Kumar Mishra, Kulbhushan Singh**, Construction Of A Spline Function With Mixed Node Values, JOURNAL OF MECHANICS OF CONTINUA Vol 19,2024.

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 3rd year presented project prototypes of drones and discussed ongoing projects.

c) Co-curricular

- Swastik Mishra Dip CS 2nd Year played CHESS in Inter University Match.
- Golden Glory: Polytechnic Students Secure Victory in Inter Institute/Department in University i.e. over IMCE in Kabaddi Tournament, on 03 February, 2024 Clinching Gold Medal.
- Hrithik Raj Khare Diploma ME 3rd Year participated in Astrophotography at IIT BHU.

7. **Books/ Book Chapter published:** Mr. Sushant Bhatt, Lecturer ME written a Book Chapter titled "Artificial Intelligence-based Solar Powered Robot to Identify Weed and Damage in Vegetables," has been published in the book "Future Farming: Advancing Agriculture with Artificial Intelligence" and published by “Bentham Science Publishers”.
Book Chapter Link: <https://benthamscience.com/chapter/20609>

8. **Honor/Award/ Recognition-** Mr. Rohit Singh, Lecturer ME has been awarded ‘Young Researchers’ award in SRMU University.

9. Photographs (Highlights of the department)



Guest lecture on “Industry 4.0: Journey towards the fourth industrial revolution” delivered by Dr. Kamlesh Tiwari,



Industrial Visit : Dip CS & 3rd year visited on 13th March, 2024 at 'Software Training Park of India'



Swastik Mishra Dip CS 2nd Year played CHESS



Internal Hackathon 2K23



Abhay Yadav Dip ME 2nd Year developed a Car Prototype which works on gesture and Voice Command



Visuals: Project Demonstration by Diploma ME (Tata) on 09th March, 2024



Passed Out First Batch Diploma ME (Tata) on 09th March, 2024



"Golden Glory: Polytechnic Students Secure Victory over IMCE in Kabaddi Tournament, on 03 February, 2024 Clinching Gold Medal"

Institute of Legal Studies

1. Introduction about the Institute of Legal Studies:

The Institute of Legal Studies is 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 spectrum of choice for the students to choose from Integrated, Under Graduate, Post Graduate and Doctoral programmes in Law. 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 communication skills. The students are encouraged to participate in teams and prepare the case from one side. 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 as running in 2023-24:

S. No.	Programme Name	Year of Inception
1.	Integrated BBA LL.B. (Hons.)	2013 – 14
2.	Integrated B.Com LL.B. (Hons.)	2013 - 14
3.	Integrated BA LL.B.(Hons.)	2015 - 16
4.	LL.B. 3 Years	2013 - 14
5.	LL.M. (Criminal and Security Law)	2014 – 15
6.	LL.M. (Corporate and Commercial Law)	2015 - 16
7.	LL.M. (Constitutional and Administrative Law)	2017 - 18
8.	LL.M. (International Comparative Law)	2019 - 20
9.	Ph.D.	2013 - 14

List of Ph.D. Awarded: 12 Ph.D awarded in session 2023-2024.

3. 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 took a session on lajja for women menstrual hygiene at Janta Girls Degree College.

Students qualifying any National/International/GATE/NET/GRE/SLET etc.: **2 Students qualified NET**

4. 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 student.

Participation in any extension service/NSS/NCC:

N.C.C. Details		
S. No.	Name of Cadet	Class
1.	Kumari Varsha	BBA.LL.B.(Hons.)
2.	Shivangi Pandey	BBA.LL.B.(Hons.)
3.	Arzoo Pandey	BA.LL.B. (Hons.)
4.	Guriya Kumari	BBA.LL.B.(Hons.)
N.S.S. Details		
S. No.	Name of Student	Class
1.	Shweta Rai	BA.LL.B.(Hons.)
2.	Hari Krishna Verma	BA.LL.B.(Hons.)
3.	Maharishi Shukla	BA.LL.B.(Hons.)
4.	Yashi Srivastava	BA.LL.B.(Hons.)
5.	Sneha Singh	BA.LL.B.(Hons.)
6.	Anjali Patel	BA.LL.B.(Hons.)
7.	Neetigya Krishan	BA.LL.B.(Hons.)
8.	Anushka Tiwari	BA.LL.B.(Hons.)
9.	Tanya Upadhyay	BA.LL.B.(Hons.)
10.	Aadarsh Mishra	BA.LL.B.(Hons.)
11.	Pratistha Yadav	BBA.LL.B.(Hons.)
12.	Ku. Varsha	BBA.LL.B.(Hons.)
13.	Yashi Shukla	BBA.LL.B.(Hons.)
14.	Mansi Rai	BBA.LL.B.(Hons.)
15.	Akanksha Agrawal	BBA.LL.B.(Hons.)
16.	Urvashi Yadav	BBA.LL.B.(Hons.)
17.	Apurva Singh	LL.B.
18.	Jaya Shukla	LL.B.
19.	Amit Kumar Tiwari	LL.B.

20.	Sandesh Yadav	LL.B.
21.	Shreya Yadav	BBA.LL.B.(Hons.)
22.	Sumit Mishra	BBA.LL.B.(Hons.)
23.	Pragati Soni	BBA.LL.B.(Hons.)
24.	Prachi Singh	BBA.LL.B.(Hons.)
25.	Ramendra Pratap Singh	BBA.LL.B.(Hons.)
26.	Dooja Yadav	BBA.LL.B.(Hons.)
27.	Shiv Shakti Upadhyaya	BA.LL.B.(Hons.)
28.	Saharsh Pandey	BA.LL.B.(Hons.)

5. Achievements of faculty members (Research/Academic/ curricular/and co-curricular):

i) Prof. (Dr.) Rohit P. Shabran:

- a. Published a patent on ‘A Smart Law Service Providing System For Selecting a Lawyer base on Leading Case Information’.
- b. Published a book chapter on Decoding the Constitutional Provisions behind GST in India by ABS Publication having ISBN number 978-93-94424-52-4.
- c. Published a research paper on ‘Exploring the right to die: A Comprehensive review of legal, ethical and clinical dimensions’ in Journal of Namibiam Studies, 36 S2 (2023): 2200-2210 ISSN: 2197-5523 – A SCOPUS indexed Journal.
- d. Research article published in International Research Journal of Management Sociology and Humanities on the topic “The geographical Indications of Goods (Registration and Protection) Act, 1999: A Critical Analysis” in Vol. 14, No. 01(I) 4 Apr, 2023, ISSN: 2277-9809 (O) 2348-9359 (P).
- e. Research article published in Kanpur Philospher Journal, A UGC Care approved journal on the title “Judicial Approach for Protection of Geographical Indications in India: A Critical Analysis”
- f. Research article published in Namibian Studies on “Forced Lockdown and Measures taken by the Government of India and the Various State Governments under Existing Legal Framework, Does it Violates the Rights under the laws?”
- g. Book entitled “Challenging Legal Issues in India” (ISBN: 9789355359360) Publisher: Books Clinic
- h. Chapter entitled “Two Tier to Three Tier: A Never Ending Saga of Dispute Settlement: A Delaying Mechanism Arbitration” published in book “Commercia Arbitration in India : Issues anad Challenges”, ISBN: 9789394424722.
- i. Research article published in Journal Educational Administration: Theory and Practice titled “Force Majeure and COVID-19 in India: Legal Challenges and Implications.”

ii) Dr. P. C. Mishra:

- a. Research article published in Journal of Namibian Studies, 33(2023): 281-298 ISSN: 2197- 5523 titled “ Marital Rape- Malediction To Society”.
- b. Research article published in Journal of Research Administration on title ‘Global Prospective on Marital Rape: A Cross- Cultural Examination.
- c. Research article published in Journal of Leadership, Education, Personality: An Interdisciplinary Journal titled “Analysing Crimes against Children in India: A Focus on Uttar Pradesh in 2019”.
- d. Participated in Faculty Development Program on “Changing Contours of Legal

Education and Teaching Pedagogy”, organised by Institute of Legal Studies, Shri Ramswaroop Memorial University, Lucknow, Uttar Pradesh from July 10, 2023 to July 15, 2023.

- e. Delivered a lecture in ACADEMIIC – An Interdisciplinary Discussion Group Varanasi, India, titled “Legal Research Publication: Ethical Approach.”

iii) Dr. Upendra Nath Tiwari:

- a. Research Article on “Data Protection and Privacy Concerns in Cyberspace” has been published in an International Journal IJARIE (International Journal of Advance Research and Innovative Ideas in Education) - Vol. 9, Issue 1, 2023 (ISSN: 2395-4396) (Paper Id- 18990) Impact Factor 4.06.
- b. Participated in Faculty Development Program on “Changing Contours of Legal Education and Teaching Pedagogy”, organised by Institute of Legal Studies, Shri Ramswaroop Memorial University, Lucknow, Uttar Pradesh from July 10, 2023 to July 15, 2023.

iv) Dr. Shashank Shekhar:

- a. Research article published in Educational Administration: Theory and Practice on title “Gender Neutrality of Indian Laws - A Myth or Reality?”
- b. Participated in Faculty Development Program on “Changing Contours of Legal Education and Teaching Pedagogy”, organised by Institute of Legal Studies, Shri Ramswaroop Memorial University, Lucknow, Uttar Pradesh from July 10, 2023 to July 15, 2023.
- c. Research article published in International Journal of Economic Perspectives titled “Juvenile Protection And Care The Current Trend In Juvenile Justice In India : Issues and Challenges.
- d. Published a research article in Journal of Interdisciplinary and Multidisciplinary Research (JIMR) on title “Juvenile Justice System in India An Analysis of Legislative Policies Judicial Developments and Societal Perception with Special Reference to Uttar Pradesh.”

v) Dr. Prashant Srivastava:

- a. Published a book on Cartoon Controversy and Right to Freedom of Speech and Expression by KVR Book Central having ISBN number 978-93-91693-69-5.
- b. Published a Research Article on “*Legal Control of Industrial Pollution in India*” in Vol. 2 No. 3 (2023): [September- December, 2023]; Justice and Law Bulletin, Published in 27th February, 2024 (ISSN:) (PP 35-48).
- c. Published a Research Article on “*Judicial Approach Towards Rights of Accused in India*” has been published in an International Journal for Multidisciplinary Research (IJFMR)- Vol. 5, Issue 6 (November -December 2023, Published in December 2023 (ISSN: 2582-2160) (PP 1-7) impact factor 9.34 (UGC Care). <https://www.ijfmr.com/research-paper.php?id=10984>.
- d. Published a Research Article on “*The Human Rights of the Under Trial Prisoners in India*” has been published in ALOCHANA Journal (ISSN 2231-6329) Vol. 13, Issue 2, 2024(<https://alochana.org/volume-13-issue-2-2024/>)(UGCCare).
- e. Participated in Faculty Development Program on “Changing Contours of Legal Education and Teaching Pedagogy”, organised by Institute of Legal Studies, Shri Ramswaroop Memorial University, Lucknow, Uttar Pradesh from July 10, 2023 to July 15, 2023.s
- f. Research Article on “*A Review of Judicial Trends On The Factors of Environmental Pollution In India*” has been published in IJARIE Journal ISSN(O)-2395-4396.
- g. Research Article on “*The Human Rights of Under-Trial Prisoners In India*” has been published in Adhikar: An International Research Journal Related to Higher Education for all Subject, (Year-12 Vol-11 Nov.2022 Page 58-63) ISSN 2231-2552 Impact

Factor 2.30.

vi) Dr. Shruti Sharma:

- a. Presented a paper titled 'Challenges to the entrepreneurs and consumers in thick of e-commerce' in National Seminar on Law and Technology organized by Dr. Ram Manohar Lohiya National Law University.
- b. Participated in Faculty Development Program on "Changing Contours of Legal Education and Teaching Pedagogy", organised by Institute of Legal Studies, Shri Ramswaroop Memorial University, Lucknow, Uttar Pradesh from July 10, 2023 to July 15, 2023.

vii) Dr. Devendra:

- a. Participated in Faculty Development Program on "Changing Contours of Legal Education and Teaching Pedagogy", organised by Institute of Legal Studies, Shri Ramswaroop Memorial University, Lucknow, Uttar Pradesh from July 10, 2023 to July 15, 2023.

viii) Dr. Kaushlendra Singh:

- a. Participated in Faculty Development Program on "Changing Contours of Legal Education and Teaching Pedagogy", organised by Institute of Legal Studies, Shri Ramswaroop Memorial University, Lucknow, Uttar Pradesh from July 10, 2023 to July 15, 2023.

ix) Dr. Mahendra Kumar:

- a. Received an award on "Teaching – Learning Innovation Award" for the Session 2023-2024 for his innovative teaching ideas.
- b. Research Article on "Violence against Women In India" published in Stochastic Modelling and Computational Sciences a Scopus Indexed Journal .
- c. Participated in Faculty Development Program on "Changing Contours of Legal Education and Teaching Pedagogy", organised by Institute of Legal Studies, Shri Ramswaroop Memorial University, Lucknow, Uttar Pradesh from July 10, 2023 to July 15, 2023.

x) Mr. Ambuj Mishra:

- a. Participated in Faculty Development Program on "Changing Contours of Legal Education and Teaching Pedagogy", organised by Institute of Legal Studies, Shri Ramswaroop Memorial University, Lucknow, Uttar Pradesh from July 10, 2023 to July 15, 2023.

xi) Manish Pratap Singh:

- a. Presented a research paper in International Conference on "Recent Trends and Advancements In Corporate Laws and Governance.

xii) Mr Rajat Saxena:

- a. Published a research paper in 'Scienxt Journal of Law' titled "Environment Protection and Tourism: a socio-legal study" having ISSN no. 2349-6002.
- b. Participated in Faculty Development Program on "Changing Contours of Legal Education and Teaching Pedagogy", organised by Institute of Legal Studies, Shri Ramswaroop Memorial University, Lucknow, Uttar Pradesh from July 10, 2023 to July 15, 2023.
- c. Reserach Article published titled 'Reimagining Justice: Reforming the Indian Criminal Justice System with Special Reference to Police in India' in Well-Testing Journal (ISSN: 1004-4388).

xiii) Ms. Annapurna Trivedi:

- a. Participated in Faculty Development Program on "Changing Contours of Legal Education and Teaching Pedagogy", organised by Institute of Legal Studies, Shri Ramswaroop Memorial University, Lucknow, Uttar Pradesh from July 10, 2023 to July

15, 2023.

- b. Presented a research paper in the International Conference on Environmental Law on the topic “Sustainable Development: The Way for our Future” on 28 and 29 April, 2023 organised by Centre for Environmental Law, Policy, Education and Development, ICFAI Law School, The ICFAI University, Dehradun.

xiv) Ms. Astha Mishra:

- a. Participated in Faculty Development Program on “Changing Contours of Legal Education and Teaching Pedagogy”, organised by Institute of Legal Studies, Shri Ramswaroop Memorial University, Lucknow, Uttar Pradesh from July 10, 2023 to July 15, 2023.
- b. Published a chapter on “Redefine The Legal Status of Jammu and Kashmir: A Analytical Study of Historical and Constitutional Perspective” in edited book “Challenging Legal Issues In India” published by “Booksclinic Publishing”, ISBN No: 978-93-5535-936-0.

xv) Ms. Akanksha Tiwari:

- a. Published a book on Changing Contour of Indian Patent Regime Effect on the Pharmaceutical Industry by Lex Assisto Media and Publication having ISBN no. 978-81-964988-7.
- b. Participated in Faculty Development Program on “Changing Contours of Legal Education and Teaching Pedagogy”, organised by Institute of Legal Studies, Shri Ramswaroop Memorial University, Lucknow, Uttar Pradesh from July 10, 2023 to July 15, 2023.
- c. Published a chapter on “Right To Privacy: Challenges In Digital Era” in a edited book “Challenging Legal Issues In India” Published by “ Booksclinic Publishing”, ISBN No 978-93-5535-936-0.

xvi) Mr. Dravyesh Narayan Pathak:

- a. Participated in Faculty Development Program on “Changing Contours of Legal Education and Teaching Pedagogy”, organised by Institute of Legal Studies, Shri Ramswaroop Memorial University, Lucknow, Uttar Pradesh from July 10, 2023 to July 15, 2023.

xvii) Abhinav Mishra:

- a. Reserach Article published titled ‘Reimagining Justice: Reforming the Indian Criminal Justice System with Special Reference to Police in India’ in Well-Testing Journal (ISSN: 1004-4388).

xviii) Dr. Sunil Dutt Chaturvedi:

- a. Published a chapter entitled , “Comparartive Analysis of Relationship Between Human Rights and Intellectual Property Rights in edited book New Dimensions and Challenges for Human Rights” with ISBN 978-81-960713-8-7.
- b. Published a chapter entitled , “Protection of Human Rights of LGBTQIA+ Individuals in Digital Age: A Critical Analysis” in edited book titled Changing Dimensions of Human Rights in Digital Era”.

6. Photographs (Highlights of the department):



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 th June 2023)	Quantity Added (from 1 st July 2023 to 30 th June 2024)	Total
1.	Books	34931	3033	37964
2.	Gifted Books	1389	1433	2822
3.	Print Journals (Renewed)	119	02	121
4.	Magazines (Renewed)	24	24	24
5.	Newspapers (Renewed)	14	14	14
6.	eBooks (Renewed)	24331	24331	24331
7.	E-journals (Renewed)	2090	2090	2090
8.	Dissertations/Projects	3273	391	3664
9.	Ph.D. Thesis	107	49	156
10.	CDs/DVDs	1511	32	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/OAER1/>).
- Establishment of Boys and Girls Hostel Libraries
- Inter Library Loan Service with DELNET and IIML.
- Library Advisory Committee
- Maa Sarasvati Pooja

Academic Collaboration and Industry Interaction & Entrepreneurship Cell (ACIIC)

The ACIIC at SRMU provides a global platform to learn, understand and apply curriculum-based knowledge in collaboration with Industry standards. It fosters partnership with various leading Universities / Institutes / Industries to conduct technical workshops, trainings, seminars, skill development programmes, internships, industrial tours, industry-based curriculum design, student exchange programmes etc. for the professional development and career enhancement of the students as well as faculty members.

The following MoUs/ Collaborations/ Associations with other Universities/ Institutions/ Industries for the session 2023-24 are tabulated below:

- i. Faculty of Civil Engineering has a MOU with College of Arts and Sciences- Texas A& M University, San Antonio, Webinar was been conducted on Electrochemical Applications for Industrial Effluent Treatment , Cooperation in research, teaching, training and Services pertaining to sustainable use of water energy and environment in which 84 students and 13 faculty members were involved.
- ii. Faculty of Civil Engineering has a MOU with National Institute of Hydrology, NIH Roorkee, they conducted Isotopic studies for the groundwater of Thermal Power Plant at Panki (Project work), Joint research projects, consultancy works in the field of water and environment and Groundwater Management Plan Yamuna Basin in which 2 PG students / 5 faculty members were involved.
- iii. Faculty of Civil Engineering has a MOU with CAD Desk they run Value added course, Consultancy / Development / Training Provider for various Software with 40 students.
- iv. Institute of Architecture and Planning has a MOU with Giggle Galaxy Private Limited, Pune (Imagine XP), they did Sharing of faculties and curriculum, Running, B. Des (user experience) Program.
- v. Institute of Architecture and Planning has a MOU with Ascenso Enviro Private Limited, New delhi in which they Exchange of information, do joint research and publication and intellectual property rights.
- vi. Faculty of Math. & Stat. Sciences has a MOU with Dr. C V Raman University, Bilaspur C.G. (Dept. of Maths) under which 01 Faculty member from SRMU and 2 from CV Raman Uniiv. did joint research and paper published two papers 1. Extension of some integral transform by the method of multiple integrals 2. Extension of Laplace - ERA transform of differential equations. Both the papers are published in Scopus indexed journal, JOURNAL OF MECHANICS OF CONTINUA AND MATHEMATICAL SCIENCES www.journalimcms.org
- vii. Institute of legal studies has a MOU with NAWAL Foundation (NGO) in which they train, educate and conduct events through Internship guidance, workshops guest lectures, Seminars etc in which 05 Faculty members and 15 students were involved.
- viii. Dept. of Electrical Engineering has MOU with Imperial Society of Innovative Engineers (ISIE) in which ISIE industry experts are undertaking classes (Lecture and Labs) for the students opted B.Tech in EV specialization for 20 students, 4 faculty members
- ix. Dept. of Electrical Engineering has MOU with TATA Motors Limited in which they train ITI/Diploma/UG/PG students/Professionals for industry about transportation electrification with EV technology. Department has trained around 60 employees of TATA Motors in auto electrical & electronics systems in which 20 students, 4 faculty members are taking part.
- x. Dept. of Electricak Engineering has MOU with Logic Pro Infosystems in which they Plan for Startup and Legal and Ethical Steps with 40 students, 1 faculty members.
- xi. Dept. of Electrical Engineering has MOU with (EIT), Melbourne Australia. This is international collaboration between SRMU & Engineering Institute of Technology (EIT), Melbourne Aurtralia for Conducting Webinar/Seminar/Conferences on various topics for Civil, Mechanical engineers and Electrical & Electronics Engineering. This MoU will also facilitate dual degree student exchange programme between SRMU & EIT Australia. Now days they are conducting webinar and 50 students, 16 faculty members have been participated.
- xii. Dept. of Elec. Engineering has MOU with Icar-Central Soil Salinity Res. Inst. Purpose of this MoU is utilise expertise and infra of ICAR required for submitting external funded projects from DST, SERB & MNRE related to advancement in Agriculture Technology. 5 students, 4 faculty members are taking part in it.

- xiii. SRMU (DCSE) and SRMU (DCSIS) have MOU with Red HAT Academy in which one workshop has been organized and Students of CSIS and One Faculty Member and Students of CSE and Two Faculty Member had been joined.
- xiv. SRMU (FoME) has MoU with Saraswati Dental College & Hospital, Lucknow (India) in which they conduct awareness camp related the dental health has been organized by FoME and Dental health satellite center has been established by sarawati dental college & hospital in SRMU campus.
- xv. SRMU (FoME) has a MOU with ISIE Noida (India). ISIE industry experts are undertaking classes (Lecture and Labs) for the students opted B. Tech in EV specialization in this two students and four faculty members are involved.
- xvi. SRMU(IER) has MOU with District Institute of Education and Training (DIET), Barabanki. Under this MOU District Institute of Education and Training (DIET) Ganeshpur, Barabanki invited Dr. Ritu Chandra as a judge in TLM, innovation and best practices Mela on 26th September,2023 organised by SCERT for DIET Lecturers and professional development of teachers. In this Two faculty members are taking part.
- xvii. SRMU (IOP) has MOU with Cytogene Research and Development Lucknow in which 2 Faculty members and 45 students Visited to Cytogene Lab.
- xviii. SRMU (IOP) has a MOU with Quantum University under which they conducted Guest Lecture by Dr. Santosh Kumar in which 18 Faculty members and 35 students were present.

Director Student Welfare

1. **Proctorial Board** through Chief Proctor — to look after the general discipline and hence, academic ambience of the University.

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

Twelve incidences of indiscipline were reported in session 2023-24 wherein five students were expelled from the hostel. No student was expelled from the University in the said session. Apart of it, there were six cases reported of indiscipline in which both of victims and culprits compromised with each other. Hence, no action had been taken by the University. In three cases of indiscipline the suspension from the academics was revoked after getting affidavits from the culprits No incident of Ragging was reported to the Portal or on personal basis hence, no action of Anti Ragging Committee.

2. **Hostels (Boys & Girls)** through Chief Warden – to look after the comfort of the resident students which includes food, lodging and general health and hygiene along with general discipline within Hostel premise.

Report: Total 30 incidences of indiscipline in both the hostels during this academic session, wherein 11 students were expelled from Hostels due to some serious disciplinary issue, while 05 students were suspended from the hostel for different duration.

A total 39 cultural, recreational and sports events were conducted in both girls and boys hostel during this session such as Antakeshari, Open Mic/Stage - Singing/Dancing, Ramp Walk, Just-a-minute, Musical Chair, Dumb Charades, Kabaddi, Badminton, Chess, Ludo, Basketball, Cricket, Kho-Kho, Carrom, Volleyball, Table Tennis.

3. **Student Welfare Fund** through Finance Officer – to look after the financial help of genuinely needy student through a committee having student representatives.

Report: The student welfare fund committee met twice for the session 2023-24 was held on 1st December, 2023 and 4th April, 2024. The Committee received 26 and 37 applications but found 16 and 19 applications suitable to consider for welfare fund beneficiary wherein total of Rs. 5,34,000/- (Rs. 2,30,000/- and Rs. 3,04,000/-) being disbursed.

4. **University Student Senate** is an interface between students in mass and authority of university to raise academic and administrative issues related to students. The formation of Student Senate has been completed wherein for the post of Class Representative (CR) process of election while for Institute Representatives (IRs), Nominated Members and Office Bearers the process of selection had been adapted as per the amended policy effective from 2022-23.

Report: Announcement of dates of Nomination and Election of Class Representative (CRs), Institute Representative (IRs), Office Bearers and Nominated Members was made on 8th August, 2023.

The Class Representative's election have been successfully conducted on during 25th -26th August, 2023 (2nd year onwards) while 1st – 2nd September, 2023 (1st year) with 178 CRs being elected/unopposed from all Institutes, while selection for University Student Senate 40 IRs and 10 Nominated Members during 14th – 16th September, 2023 and 22nd September, 2023 respectively while for 4 Office Bearers on 23rd September, 2023.

Badge Giving and Oath Taking Ceremony was held on 17th October, 2023 with Hon'ble Vice Chancellor, Registrar and Directors/Deans.

Meetings of IRs and Nominated Members were held on 30th October, 2023 and 10th April, 2024 to finalize the agenda points for the meeting with University Authorities. A total of 11 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 21st May, 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.

Meeting with Senate Members 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:

Report: In the current academic session 2023-24, a total of 652 grievances were raised by the students from various departments across the University. Among those, maximum number of 249 grievances is related to the Accounts Office which was related to payment and fee related issues while 99 issues were related to subject tagging and selection of elective subjects etc. which were resolved by the ERP cell in stipulated time. 141 exam related issues were raised by the students relating to their enrollment, carryover form etc. while 163 grievances were raised against the Registrar's office relating to their roll no generation, degree and scholarship related issues and other connected issues. As a matter of policy, the administration had resolved their grievances within 2 to 3 working days and remedial actions were also initiated immediately. It is also worth mentioning that due to efficient management by the administration, we have also seen a declining trend in percentage of grievances received against the total student admitted in session 2023-24.

Research & Consultancy Cell

With the objective of innovation, research, consultancy and extension services, research and consultancy cell was established in 2012-13 in SRMU for the benefit of the society as well as to transform rural areas for Atamanirbhar Bharat, a Vision of Hon'ble Prime Minister of India. Various policies for research promotion have been well drafted and implemented after prior approval from the authorities in the university to create a holistic environment. With consistent increase in number of quality publications in journals of repute, conferences, National and International Patents, in-house innovations, patents, consultancy and extension services along with active research collaborations with various institutions, industries and laboratories of India is the proof of setup of research environment. Various faculty members and research scholars have participated and presented their research outcomes in various National and International conferences, seminars and symposiums and receives awards/ recognition which are well appreciated by the University and reward has been given by high authorities. Research cell is also organizing workshops and quality improvement program time to time across university to sensitize young researchers and faculty members to motivate them for high quality research.

SRMU has a IPR cell to facilitate research scholars/faculty members regarding I.P. outcomes with a well drafted and executed IPR policy. The IPR cell also involved in catering young students, research scholars and faculty members by organizing so many seminars, workshops and invited talk of eminent personality from academia and industries. IPR cell organizes a 5 day workshop to enhance and promote the intellectual property rights in the University which was funded by Council of Science & Technology (CST)-Uttar Pradesh.

SRMU is running its Doctoral program as per the guidelines of the UGC in various streams of the university as per availability of seats in each session. The increment in the research scholars every year clearly indicates the quality in research of the university as research scholars are joining the university. Development through increase the number of research publications in reputed national and international Journals (SCOPUS, WoS, SCI indexed, UGC listed) with high impact factor as well as consultancy and government sponsored projects, patents, conduction of conferences, workshop, copyrights etc. The main emphasis of the university is towards maintaining quality in research with proper code, conduct, ethics and integrity in its functioning.

In view of the new era of technology advancement and to meet the current industrial trends and cutting edge technologies, Shri Ramswaroop Memorial University, Barabanki has setup a centre for Multidisciplinary research and advance studies to enhance the multidisciplinary research and in line with the NEP policy. Various possible areas of advanced studies has been identified and manpower possessing different combinations of technical knowledge and skill set is collaborated to promote and encourage multidisciplinary research related activities. SRMU provides the platform to fulfill the need of trained manpower as well as research and development activities to find solutions of diverse scientific problems, including those with a direct impact on the society.

The major aim is to encourage various facets of technology in the form of research and teaching by various young professionals.

The centre currently offers Ph.D. course in the field of

- Energy
- Environmental Sciences
- Disaster management
- Electric Vehicle
- Biomedical Sciences & Alternative medicine
- Cyber Security Systems

Overall, the Research & Consultancy department is committed to become a model department. The summary of research output of the University in the session 2023-24 is given below:

1. Details of Research Publication in Journals

S. No	Institute/Department	No. of Journal papers
1.	Department of Computer Science Engineering	07
2.	Department of Computer Science & Information Systems	08
3.	Institute of Bio-Sciences and Technology	47
4.	Faculty of Chemical Sciences	15
5.	Faculty of Civil Engineering	07
6.	Department of Electrical & Electronics Engineering	04
7.	Faculty of Humanities & Social Sciences	24
8.	Institute of Management, Commerce & Economics	36
9.	Institute of Media Studies	08
10.	Faculty of Mathematical & Statistical Sciences	19
11.	Faculty of Physical Sciences	01
12.	Faculty of Mechanical Engineering	05
13.	Institute of Agricultural Science & Technology	13
14.	Institute of Education & Research	09
15.	Institute of Polytechnic	01
16.	Institute of Pharmacy	11
17.	Institute of Legal Studies	26
	Total	241

2. Details of Publication in Conferences

S. No.	Institute/Department	No. of Conference papers
1.	Department of Electrical & Electronics Engineering	01
2.	Faculty of Civil Engineering	02
3.	Institute of Bio-Sciences and Technology	06
4.	Institute of Pharmacy	30
5.	Institute of Legal Studies	05
6.	Institute of Polytechnic	05
7.	Department of Computer Science & Information Systems	05
8.	Department of Computer Science Engineering	12
9.	Faculty of Mathematical & Statistical Sciences	09
10.	Faculty of Chemical Sciences	01
11.	Institute of Management, Commerce & Economics	40
12.	Institute of Education & Research	01
13.	Institute of Media Studies	01
14.	Faculty of Humanities & Social Sciences	27
	Total	124

3. Details of Book/Book Chapters

S. No.	Institute/Department	No. of Book/Book Chapter
1.	Department of Computer Science Engineering	02
2.	Department of Computer Science & Information Systems	03
3.	Institute of Bio-Sciences and Technology	40
4.	Faculty of Chemical Sciences	02
5.	Faculty of Civil Engineering	07
6.	Department of Electrical & Electronics Engineering	13

7.	Faculty of Humanities & Social Sciences	10
8.	Institute of Management, Commerce & Economics	05
9.	Institute of Agricultural Science & Technology	17
10.	Institute of Education & Research	16
11.	Institute of Pharmacy	14
12.	Institute of Legal Studies	10
13.	Institute of Polytechnic	03
14.	Institute of Architecture & Planning	01
15.	Faculty of Physical Sciences	02
16.	Faculty of Mathematical & Statistical Sciences	03
	Total	148

4. Details of Project Applied/Sanctioned

S. No	Institute/Department	No. of Project Applied/ Sanctioned
1.	Department of Electrical & Electronics Engineering	04 (Applied)
2.	Faculty of Civil Engineering	04 (Applied)
3.	Faculty of Chemical Sciences	01 (Applied)
4.	Institute of Bio-Sciences and Technology	07
5.	Faculty of Humanities & Social Sciences	01
6.	Institute of Agricultural Science & Technology	02 (Applied)
7.	Department of Computer Science Engineering	02 (Applied)
	Total	21

5. Details of Patent Published/Granted

S. No	Institute/Department	No. of Patents
1.	Faculty of Chemical Sciences	02
2.	Institute of Agricultural Science & Technology	01
3.	Department of Electrical & Electronics Engineering	05
4.	Faculty of Civil Engineering	01
5.	Institute of Pharmacy	04
6.	Institute of Legal Studies	01
7.	Faculty of Mechanical Engineering	01
8.	Department of Computer Science & Information Systems	02
9.	Institute of Bio-Sciences and Technology	09
10.	Department of Computer Science Engineering	03
11.	Faculty of Mathematical & Statistical Sciences	02
	Total	31

6. Details of Webinar/Seminar/Workshop Conducted

S. No	Institute/Department	No. of Webinars/ Seminar/Workshop
1.	Faculty of Civil Engineering	04
2.	Institute of Bio-Sciences and Technology	03
3.	Department of Computer Science & Engineering	08
4.	Department of Electrical & Electronics Engineering	13
5.	Faculty of Humanities & Social Sciences	33
6.	Institute of Management, Commerce & Economics	08
7.	Institute of Media Studies	01
8.	Faculty of Mathematical & Statistical Sciences	11
9.	Institute of Agricultural Science & Technology	01

10.	Institute of Education And Research	07
11.	Institute of Pharmacy	09
12.	Institute of Architecture & Planning	03
13.	Faculty of Mechanical Engineering	01
14.	Faculty of Physical Sciences	01
15.	Institute of Legal Studies	05
	Total	109

7. Details of National/International Conference Organized

S. No	Institute/Department	No. of Conference Organized
1.	Institute of Bio-Sciences and Technology	03
2.	Institute of Legal Studies	02
3.	Institute of Agricultural Science & Technology	02
4.	Faculty of Chemical Sciences	01
5.	Institute of Media Studies	01
6.	Faculty of Physical Sciences	01
7.	Faculty of Mathematical & Statistical Sciences	01
8.	Institute of Management, Commerce & Economics	01
	Total	12

8. Details of Copyrights

S. No	Institute/Department	No. of Copyrights
1.	Department of Computer Science & Information Systems	01
2.	Faculty of Chemical Sciences	04
3.	Institute of Pharmacy	01
	Total	06

9. National Moot Court: 01 conducted by ILS

10. Details of Consultancy: 01 by Faculty of Humanities & Social Sciences

11. Detail of Ph.D. Awarded in 2023-24

Total 39 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 Management, Commerce and Economics	Ms. Pallavi Singh (201910702000008)	Dr. Nancy Gupta	Buyer's Response towards Conditional Promotion in Online Retail	05.07.2023
02	Institute of Management, Commerce and Economics	Ms. Neha Agnihotri (201410702000006)	Prof. (Dr.) Ajay Prakash	Role of Digitalization & its Impact on Changing Investment Patterns in Indian Mutual Fund Industry	18.07.2023
03	Institute of Legal Studies	Ms. Komal Jaiswal (201910301000016)	Prof. (Dr.) Sudhir Kumar	Changing Dimensions of Federalism in Indian	18.07.2023

				Constitution with Special Reference to Legislative Relations: A Critical Study	
04	Institute of Legal Studies	Mr. Digvijai Singh (201810301000003)	Prof. (Dr.) Sudhir Kumar	Law Relating to Arrest and Bail with Special Reference to Special and local Legislation: A Critical Study	20.07.2023
05	Center for Multidisciplinary Research and Advanced Studies/Disaster Management	Mr. Pranvendra Kumar Rao (201310702000015)	Prof. (Dr.) A. K. Singh	Study of Techno-Legal Regime for Fire and Safety in High Rise Hospital Buildings and Development of a Quantitative Tool for Evaluation of fire and High Safety Measures in High Rise Hospital Buildings	03.08.2023
06	Institute of Technology / Faculty of Mechanical Engineering	Mr. Khalid Abbasi (201510102000001)	Prof. (Dr.) Niraj Gupta	Analysis of Employability Skills and Attributes of Mechanical Engineering Graduates from Employer Expectation in India	22.08.2023
07	Institute of Natural Sciences and Humanities / Faculty of Physical Sciences	Mr. Amrendra Kumar (202110201000002)	Prof. (Dr.) B.M. Dixit (Internal) Prof. (Dr.) P. K. Rath (External)	$0\nu \square \square$ Decay in ^{76}Ge Isotope within PHFB Approach	01.09.2023
08	Institute of Bio Sciences & Technology / Faculty of Bio Sciences	Ms. Madhurima Tiwari (201810902000002)	Prof. (Dr.) Prachi Bhargava	In Vitro and In Silico Evaluation of Antimicrobial Activities of Different Extracts from Seeds of <i>Sisymbrium</i> Species	08.09.2023
09	Center for Multidisciplinary Research and Advance Studies / Faculty of Energy	Mr. Amit Kumar Singh (201910102000002)	Prof. (Dr.) G. N. Tiwari	Application of Photovoltaic Thermal Compound Parabolic Concentrator (PVT-CPC) Collector on Thermal Systems	27.09.2023
10	Institute of Technology / Faculty of Mechanical Engineering	Mr. Manoj Kumar Upadhyay (201510102000002)	Prof. (Dr.) Rajesh Kumar Porwal (Internal) Prof. (Dr.) Niraj Gupta (External)	A Framework for Successful Implementation of Knowledge Management Practices in Higher Education in India	29.09.2023
11	Institute of Management, Commerce and Economics	Ms. Ruby Bhushan (201910702000012)	Dr. Nancy Gupta	Financial Inclusion and Women Empowerment in Eastern Uttar Pradesh	11.10.2023
12	Institute of Legal Studies	Mr. Brijesh Pratap Narayan Singh (201610301000002)	Dr. Prakash Chandra Mishra	A Socio-Legal Study of Domestic Violence with Special Reference to Uttar Pradesh	17.10.2023

13	Institute of Legal Studies	Mr. Virendra Pratap Singh Yadav (201910301000001)	Prof. (Dr.) Sudhir Kumar	Socio-Economic Offences vis-a-vis White Collar Crime in India: A Critical Study	27.10.2023
14	Institute of Bio Sciences & Technology / Faculty of Bio Sciences	Ms. Shikha Yadav (201710902000003)	Dr. Divya Gupta (Internal) Dr. Gurminder Kaur (External)	Studies on Water, Salt and Temperature Stress of Kodo Millet (<i>Paspalum scrobiculatum</i> L.)	04.11.2023
15	Institute of Technology / Faculty of Computer Science & Engineering	Mr. Syed Mohd Faisal (201710101000001)	Dr. Bineet Kumar Gupta (Internal) Dr. Taskeen Zaidi (External)	Detection and Prevention of Sybil Attack in VANET	09.11.2023
16	Institute of Legal Studies	Ms. Aishwarya Srivastava (201910301000014)	Prof. (Dr.) Sudhir Kumar	Indian Criminal Laws vis-a-vis Gender Neutrality: A Critical Analysis	25.11.2023
17	Institute of Management, Commerce and Economics	Mr. Anand Choudhary (201610702000003)	Dr. Veena Singh	Impact of the Corporate Social Responsibility Policies of Tata Steel on Poverty Alleviation in Joda Block of Odisha (India)	01.12.2023
18	Institute of Legal Studies	Ms. Kavya Chandel (201910301000015)	Prof. (Dr.) Sudhir Kumar	Electronic Waste an Emerging Threat to Mankind: International and National Legal Perspective	01.12.2023
19	Institute of Legal Studies	Mr. Sandeep Srivastav (201810301000006)	Dr. Shashank Shekhar	The Role of Forensic Evidence in Indian Criminal Justice System	06.12.2023
20	Institute of Management, Commerce and Economics	Ms. Reena Srivastava (201810702000006)	Dr. Anushree Singh	Study on Impact of Principal's Transformational Leadership on School Staff Job Satisfaction and School Performance	14.12.2023
21	Institute of Management, Commerce and Economics	Ms. Ratna Singh (201410702000007)	Dr. Anushree Singh	Impact of Socially Responsible Leadership on Employee Volunteerism for CSR	14.12.2023
22	Institute of Technology/ Faculty of Civil Engineering	Mr. Mohd. Zain (201810105000004)	Prof. (Dr.) Rajendra Kumar Srivastava	A Study on Sustainable Option of Bridge Approaches in City Portion Lucknow	15.12.2023

23	Institute of Technology/ Faculty of Civil Engineering	Mr. Devesh Ojha (201810105000002)	Prof. (Dr.) Rajendra Kumar Srivastava	Sustainable Options for Foundation Design for High Rise Buildings in Alluvial Region (Specially In Uttar Pradesh Region)	15.12.2023
24	Institute of Technology/ Faculty of Civil Engineering	Mr. Bhanu Pratap Singh (201610105000001)	Prof. (Dr.) Rajendra Kumar Srivastava (Internal) Prof. (Dr.) Rakesh Varma (External)	Study of Different Type of Structural System for High Rise Buildings	22.12.2023
25	Institute of Technology/ Faculty of Civil Engineering	Ms. Sandhya Maurya (201810105000003)	Prof. (Dr.) Abhishek Saxena	Sources and Mechanism of Groundwater Salinity in Pratapgarh District Uttar Pradesh, India	22.12.2023
26	Institute of Bio Sciences & Technology / Faculty of Bio Sciences	Mr. Chitranshu Pandey (201910902000002)	Dr. Neeraj Gupta	Screening of Xylanase Producing Bacteria from Hemicelluloses Enriched Habitats & Its Application	23.12.2023
27	Institute of Legal Studies	Mr. Sunil Dutt Chaturvedi (201810301000002)	Prof. (Dr.) Rohit P. Shabran	Law and Policy on Geographical Indications in India: A Critical Study	28.12.2023
28	Institute of Natural Sciences and Humanities / Faculty of Mathematical and Statistical Sciences	Mr. Faiz Atahar (201410203000002)	Prof. (Dr.) Kulbhushan Singh	Obtaining Some Special Spline Functions Using Interpolatory Conditions in Real and Complex Planes	25.01.2024
29	Institute of Management, Commerce and Economics	Ms. Akshita Gupta (201810702000001)	Dr. Amit Sinha	Impact of Perceived Level of Job Stress on Sleep Deficiency: A Study of Marketing Personnel of Life Insurance Sector	20.02.2024
30	Institute of Legal Studies	Mr. Saurabh Singh (201910301000012)	Dr. Mahendra Kumar	Right to Speedy Trial: A Critical Analysis with Special Reference to Judicial Reforms in India	24.02.2024
31	Institute of Technology / Faculty of Computer Science and Information Systems	Ms. Archana Sachindeo Maurya (201810101000003)	Dr. Bineet Kumar Gupta	Addressing Ambiguation in Cross-Language Query Translation from English to Sanskrit Language	28.02.2024

32	Institute of Legal Studies	Ms. Sukriti Yadav (201910301000024)	Dr. Upendra Nath Tiwari	Freedom of Media in India: Constitutional and Statutory Law Safeguards	06.03.2024
33	Institute of Legal Studies	Mr. Avinash Mishra (201910301000008)	Dr. Upendra Nath Tiwari	Victim Compensation under Indian Criminal Justice System: A Critical Study with Special Reference to Uttar Pradesh	04.04.2024
34	Institute of Management, Commerce and Economics	Mr. Ashish Sharma (201810702000007)	Dr. Veena Singh	A Study on Non-Performing Assets of Micro Finance Institutions in Eastern Uttar Pradesh	06.04.2024
35	Institute of Technology / Faculty of Computer Science and Engineering	Mr. Shashank Srivastava (202010101000001)	Dr. Bineet Kumar Gupta	Designing Effective Triggering Mechanism for Serverless Environment	10.04.2024
36	Institute of Bio Sciences & Technology / Faculty of Bio Technology	Ms. Niharika Srivastava (201710902000004)	Dr. Tabish Qidwai (Internal) Dr. Sachidanand Singh (External)	Comparative Genomics of <i>Listeria monocytogenes</i> for Identification of Core and Putative Essential Genes in Association with Pathogenesis of Rheumatoid Arthritis and Inflammatory Bowel Disease	08.05.2024
37	Institute of Management Commerce and Economics	Mr. Anand Kumar Sinha (201810702000002)	Dr. Nidhi Shukla	A Study on Cellular Internet Service Availability for Business Requirements in Semi Urban and Rural Towns of India	22.05.2024
38	Institute of Management Commerce and Economics	Ms. Aparna Arora (201910702000013)	Dr. Nidhi Shukla	The Effect of Employee Moonlighting and it's Influence in Food Industry with Specific Reference to Zomato	25.05.2024
39	Institute of Legal Studies	Mr. Khursheed Jamil (201910301000011)	Dr. Upendra Nath Tiwari	Competition Policy of India in the Era of Big Tech: A Critical Analysis	27.05.2024

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 2023-24, **1350** e-content resources have been submitted from August 2023 to May 2024.

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 15th May 2024:

- Total **5259 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 7th among all universities of Uttar Pradesh.
- SRMU ranked 3rd as private State university.

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 enroll 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. Registration and enrolment in NPTEL courses (2023-24):

- (i) During 2023 (Odd Sem)- 126 registrations were done by students along with faculty in different NPTEL courses.
- (ii) During 2024 (Even Sem)- 204 students enrolled and registered from different departments.

2. Candidates successfully completed the courses-

- **Elite + Silver** - 1 faculty from Physics department
- **Elite**- 2 faculty (1 Mechanical engineering & 1 IER) and 1 student (CSE)
- 3 students successfully completed the programme.

INDIAN INSTITUTE OF REMOTE SENSING (IIRS) Indian Space Research Organization (ISRO) Local Chapter (2023-24)

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. Formerly known as Indian Photo-interpretation Institute (IPI), founded in 1966, the Institute boasts to be the first of its kind in entire South-East Asia. While nurturing its primary endeavour to build capacity among the user community by training mid-career professionals, the Institute has enhanced its capability and evolved many training and education programmes that are tuned to meet the requirements of various target groups, ranging from fresh graduates to policy makers including academia. IIRS also conducts e-learning programme on Remote Sensing and Geo information Science.

The IIRS outreach programme, which was started in 2007 with 12 Universities/ Institutions has now grown substantially to 3400+. The beneficiaries of the programme may include:

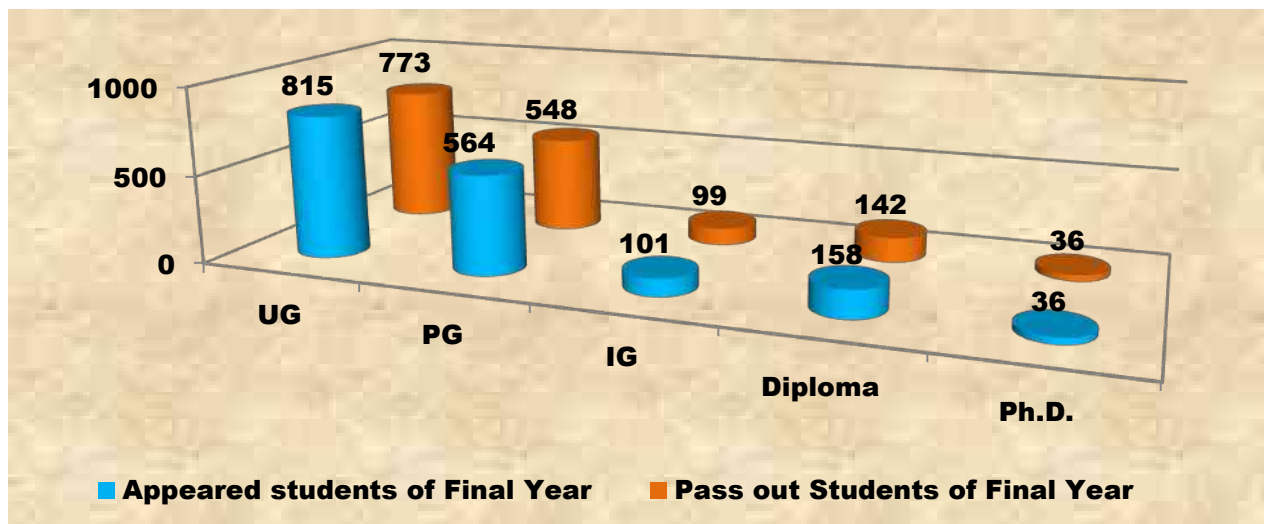
- Central/State/Private Universities & Academic Institutions
- Central & State Government Departments
- Forest Resource Professionals
- State Forest Departments/Forest Training Academies
- Research Institutes
- Geospatial Industries
- NGOs

Shri Ramswaroop Memorial University has now become network institute of IIRS/ISRO Outreach network. On 07.02.2024, SRMU became active as the nodal centre of IIRS-ISRO. Currently Shri Ramswaroop Memorial University is listed as one of the nodal center to conduct online courses offered by IIRS-ISRO Dehradun. The IIRS outreach programme along with live & Interactive courses can be offered in SRMU. 4 participants from Shri Ramswaroop Memorial University successfully completed IIRS outreach programme. SRMU has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehradun on Geospatial technology for modeling of Urban Environment.

Examination Report

The Examination Cell plays a crucial role in maintaining the academic standards, integrity, fairness and smooth operation of all assessment processes of the University. The Examination Cell ensures transparency in all the activities that adequately support to students. In harmonization with the University vision for its commitment to be a globally recognized place of teaching-learning, the Examination Cell is committed to implement the processes in accordance with the University Statutes, Rules and Regulations of the University.

On the basis of students' academic performance, **total 1598 students** have successfully completed their respective programmes including Ph.D. in the session 2023-24 for the award of degree and diploma.



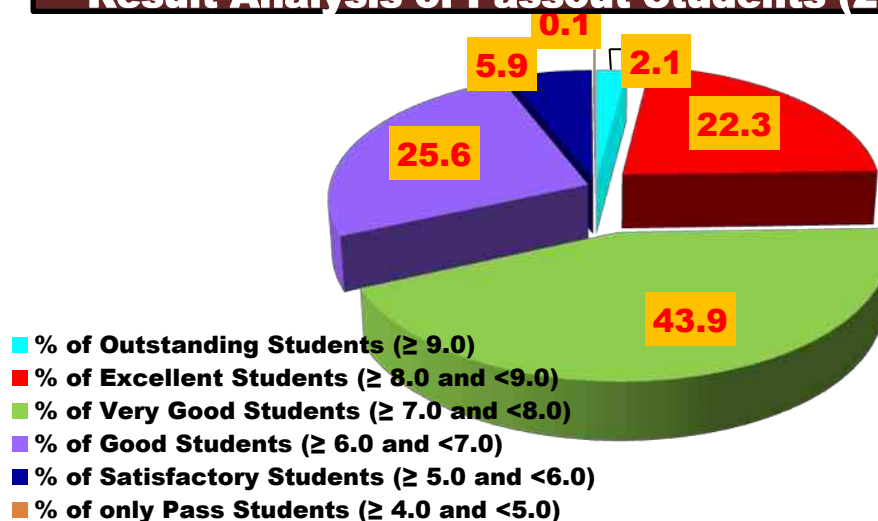
Programme-wise Status of Students for the award of Degree and Diploma

Programme Name	No. of students successfully completed programme for the award of Degree/Diploma
B.Tech (ME)	8
B.Tech (CE)	18
B.Tech (CSE)	110
B.Tech (Data Science & Artificial Intelligence)	60
B.Tech (Cloud Computing & Artificial Intelligence)	10
B.Tech (EC)	5
B.Tech (EE)	2
B.Tech (BT)	28
BID	7
B.Pharma	57
B.Sc. (Hons)-Agriculture	51
B.Arch	5
BBA (Business Analytics)	27
BBA	71
B.Com (Hons.)	20
BCA	43
BCA (Artificial Intelligence)	13
BCA (Data Science)	19
B.Sc. (IT)	12
B.Sc. (IT)-Artificial Intelligence	9
B.Sc. (IT)-Data Science	8

B.Sc. (Hons)-Physics	9
B.Sc. (Hons)-Chemistry	5
B.Sc. (Hons)-Mathematics	13
B.Sc. (Hons)-Bio-Tech	39
B.Sc. (Hons)-Food Technology	10
B. A. (JMC)	10
LL.B.	24
B.A.(Hons.)-English	13
B.A.(Hons.)-Sociology	7
B.A.(Hons.)-Economics	6
B.A. (Hons.)-Applied Psychology	10
B.A.(Hons.)-Political Science	17
BSW	6
B.Ed.	21
M.Tech (Environmental Engineering)	6
M.Tech. (Structural Engineering)	8
M.Tech. (Structural Engineering) PT	1
M.Tech. (Production & Industrial Engineering) PT	1
M.Tech. (Computer Science & Engineering)	3
M.Tech. (Data Science)	2
M.Tech (Renewable Energy) PT	2
M.Tech. (Power Electronics & Electrical Drives)	1
M. Tech (Bio-Tech)	2
MBA	115
MBA (Business Analytics)	6
MBA (Healthcare & Hospital Management)	3
MCA	71
LL.M. (Criminal and Security Law)	95
LL.M. (Corporate and Commercial Law)	38
LL.M. (Constitutional & Administrative Law)	111
LL.M. (International & Comparative Law)	2
M.Sc. (Mathematics)	4
M.Sc. (Chemistry)	5
M.Sc. (Physics)	3
M. Sc. (Bio-Technology)	24
M. Sc. (Environmental Science)	1
MPH	34
MSW	1
M. A. (English)	2
M. A. (Psychology)	2
M. A. (Political Science)	1
M. A. (JMC)	4
Integrated BBA- LL.B. (Hons)	33
Integrated B.Com.- LL.B. (Hons)	9
Integrated BA- LL.B. (Hons)	56
Integrated B.Tech M.Tech (CE)	1

D.Arch	1
D.Pharm	60
Diploma (MLT)	1
Diploma (CE)	15
Diploma (CS)	20
Diploma (EE)	17
Diploma (ME)	19
Diploma (ME)-Automobile	1
Diploma (ME)-Production	8
Ph.D (Management)	9
Ph.D (Legal Studies)	10
Ph.D (Computer Science & Engineering)	2
Ph.D (Computer Science and Information Systems)	1
Ph.D (Civil Engineering)	4
Ph.D (Mechanical Engineering)	1
Ph.D (Energy)	1
Ph.D (Mathematical Sciences)	2
Ph.D (Physical Sciences)	1
Ph.D (Biotechnology)	5
GRAND TOTAL	1598

Result Analysis of Passout Students (2023-24)



The University is committed to create student friendly environment and support the students for their career progression, higher studies and placement. Students are continuously facilitated offline and online 24x7 in terms of grade sheets, degrees, certificates, employer verification and admission verifications etc. Robust use of ERP has decreased numbers of days elapsed in the result declaration considerably. In session 2022-23, average days elapsed in result declaration was 16.2 whereas in session 2023-24, average days elapsed in result declaration was 13 days.

The University is relentlessly implementing the Government Guidelines related to NAD DigiLocker and Academic Bank of Credits. Degree/Diploma data of total 10603 students (8092 degree and 2511 diploma) had been uploaded on NAD DigiLocker Platform till the session 2022-23 and now the data for session 2023-24 is under process. In addition to this, 6211 ABC Accounts had been created and data of 126 transcripts had been uploaded for Academic Bank of Credit Platform. In the session 2023-24 also, all the faculty members and students were sensitized regarding NAD DigiLocker and Academic Bank of Credits through orientation and induction programme.

Q-Club/ Health camps and Awareness Programs

S. No	Name of the capacity development and skills enhancement schemes	Date of implementation (DD/MM/YYYY)	Number of students/ Participant	Name of the agencies/ consultants involved with contact details (if any)	Key Club/ Dept.
1	Celebration of World Population Day: 11th July 2023	11/7/2023	52	Dr. Anil Kumar, PO, NSS, Mr. K.N. Pathak, Principal, Babu ON Shukla Memorial Inter College, Kewari, Barabanki	Q-Club/NSS
2	Celebration of Bhujal Saptah: 21st July 2023	21-07-2023	64	Prof. (Dr.) J.K. Varshney, SRMU	Q-Club/NSS
3	Sarak Suraksha Pakhwara: 17-31 July 2023	17-07-2023	61	TSI, Deva, Barabanki	Q-Club/NSS/
4	International Youth Day	12/8/2023	56	Dr. Anil Kumar,	Q-Club/NSS
5	Sensitization Workshop on 'Health Promotion Focusing Mental Health & Life Skills'	28-08-2023	53	Mr. Ravi Shankar Raina, DMH Team	Q-Club/NSS
6	Sensitization Workshop on 'Health Promotion Focusing Mental Health & Life Skills'	29-08-2023	49	Mr. Ravi Shankar Raina, DMH Team	Q-Club/NSS
7	Invited Lecture for Health Promotion on 'Epidemiology and Treatment of Osteoporosis in India'	2/9/2023	42	Dr. Subhash Yadav, Professor, Department of Endocrinology, SGPGIMS, Lucknow	Q-Club/NSS
8	Health Promotion Workshop and Doctor's Visit' for "Addressing Health Issues of Youth"	5/9/2023	62	Dr. Amit Singh, Assistant Professor, Dept. of Psychiatry, KGMU, Lucknow	Q-Club/NSS
9	Sensitization Workshop on 'Health Promotion Focusing Mental Health & Life Skills'	9/9/2023	41	Mr. Ravi Shankar Raina, DMH Team	Q-Club/NSS
10	Health Promotion Workshop and Doctor's Visit' for "Addressing Health Issues of Youth"	12/9/2023	65	Dr. Anil Kumar, Dr. Ram Pratap Yadav	Q-Club/NSS
11	Career Counseling by Vision IAS Academy	13-09-2023	64	Dr. Anil Kumar, Dr. Ram Pratap Yadav	Q-Club/NSS/ FoHSS
12	Health Promotion Workshop and Doctor's Visit' for "Addressing Health Issues of Youth"	21/9/2023	56	Mr. Ravi Shankar Raina, DMH Team	Q-Club/NSS
13	Celebration of NSS Establishment Day: 24-09-2023 (Quiz on Youth Rights in India)	25/9/2023	36	Dr. Anil Kumar, Dr. Ram Pratap Yadav and Dr. Arun Kumar Singh	Q-Club/NSS
14	Doctor's Visit and Health Promotion	30/9/2023	44	Dr. Mithlesh Chaturvedi, Retd. D.G. Health and Family Welfare, Government of Uttar Pradesh.	Q-Club/NSS
15	Celebration of 'Meri Mati Mera Desh: Kalash Yatra and Panchpran Pratigya'	13-10-2023	47	Dr. Anil Kumar, Dr. Arun K Singh, Dr. Veena Singh	Q-Club/NSS
16	Celebration of Global Hand Washing Day: 15 th October 2023	15-10-2023	75	Dr. Anil Kumar, Dr. Arun K Singh, Dr. Veena Singh	Q-Club/NSS

17	Celebration of Swachhata Hi Seva Hai: PS, Baghamau	21-10-2023	67	Dr. Anil Kumar	Q-Club/NSS
18	Celebration of One Health Day: 03 November 2023	3/11/2023	89	Dr. Arvind Kumar Singh, Addl. Director, Animal Husbandry, Govt. of Uttar Pradesh	Q-Club/NSS
19	Evening Health Camp and Awareness Programme: JP Nagar, Takrohi	20/11/2023	53	Dr. Abhishek Mishra (MPH Alumni), District Surveillance Officer, Ballia, Govt. of Uttar Pradesh.	Q-Club/NSS
20	Blood Donation Camp	29-11-2023	115	HDFC Bank and Dr. RML Hospital, Lucknow	Q-Club/NSS/ NCC
21	Health Camp and Awareness Programme' on the occasion of World AIDS Day 2023: Kanshiram Colony, Lolai Village, Lucknow	1/12/2023	170	Dr. Ravi Kant Singh, General Manager, Ayushman Bharat, Govt. of Uttar Pradesh.	Q-Club/NSS
22	Health Camp and Awareness Programme' on the occasion of Universal Health Coverage Day 2023: Shri Nagar	12/12/2023	74	Dr. Shadab, Dr. Shivam Shukla, Dr. Shubham Tripathi, (MPH)	Q-Club/NSS
23	Invited Lecture on 'Human Mobility and HIV' on the occasion of Celebration of International Migrants Day	18/12/2023	26	Dr. Monis Ahmad, Programme Manager-AHANA, EVTHS Programme, NACO.	Q-Club/NSS
24	Celebration of National Youth Day & One Day Outreach (Mobilization of Youth on 'Adolescent Health): RRSS Inter College, Barabanki	12/1/2024	128	Dr. Anil Kumar, Dr. Ram Pratap Yadav	Q-Club/NSS
25	Sensitization Workshop on 'Health Promotion Focusing Mental Health & Life Skills'	3/2/2024	88	Mr. Ravi Shankar Raina, DMH Team	Q-Club/NSS
26	Sensitization Workshop on 'Health Promotion Focusing Mental Health & Life Skills'	6/2/2024	47	Mr. Ravi Shankar Raina, DMH Team	Q-Club/NSS
27	One Day Outreach & VHSND Observation: Karuda, District-Barabanki	10/2/2024	44	Dr. Anil Kumar, Dr. Ram Pratap Yadav	Q-Club/NSS
28	Training of NSS Volunteers as Peer Educators	13/2/2024	32	Dr. Anil Kumar, Dr. Ram Pratap Yadav	Q-Club/NSS
29	Health Promotion Workshop and Doctor's Visit' for "Addressing Health Issues of Youth"	14/2/2024	67	Dr. Abhilasha Bhardwaj, Medical Officer, Govt. of UP.	Q-Club/NSS
30	Health Promotion Workshop and Doctor's Visit' for "Addressing Health Issues of Youth"	16/2/2024	84	Dr. Sujata Deo, Professor, Department of Obstetrics and Gynecology, and Nodal Officer, AT (CoE-AHD), KGMU, Lucknow	Q-Club/NSS
31	Health Promotion Workshop and Doctor's Visit' for "Addressing Health Issues of Youth"	20/2/2024	57	Dr. Vinay Kumar Gupta, Professor and Head, Department of Public Health Dentistry, KGMU, Lucknow	Q-Club/NSS

32	Poster Competition on 'Youth for Change: Youth Sexual and Reproductive Health Rights'	23/2/2024	51	Dr. Anil Kumar, Dr. Ram Pratap Yadav	Q-Club/NSS
33	Invited Lecture on 'Cervical Cancer: Screening and Prevention'	24/2/2024	33	Prof. (Dr.) Uma Gupta, Professor & Head, Dept. of Obstetrics & Gynaecology, Era's Medical College, Lucknow	Q-Club/NSS
34	DMH Team Visit: 'Interaction with Students for Mental Health & Life Skills'	24/2/2024	29	Mr. Ravi Shankar Raina, and Mr. Santosh Pal, DMH Team, Lucknow	Q-Club/NSS
35	DMH Team Visit: 'Interaction with Students for Mental Health & Life Skills'	28/2/2024	36	Mr. Ravi Shankar Raina, and Mr. Ravi Dwivedi, DMH Team, Lucknow	Q-Club/NSS
36	Seven Days Special Camp	17-03-2024	100	Dr. Anil Kumar and Dr. Arun Kumar Singh	Q-Club/NSS
37	Blood Donation Camp	5/4/2024	97	Dr. Vasundhara Singh, SR, Dept. of Transfusion Medicine, SGPGIMS & Mr. Vinit Srivastava, Lions Club	Q-Club/NSS/ NCC/ Extention
38	Water for Birds	15-05-2024	-	Dr. Anil Kumar, Dr. Arun K Singh, Dr. Afia Bano	Q-Club/NSS/ Apni Pathshala
39	International Yoga Day	21-06-2024	-	Col. Harsh Kumar Jha, Commanding Officer, NCC 63 Btn.	Q-Club/NSS/ NCC/Sports Club

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 **31th 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 (2023-2024)

S. No.	ACTIVITY	VENUE	Strength	DATE	GOVT. LETTER
1	Tree Plantation	SRMU	10	15/07/2023	No
2	Selection of Cadets for Rank	SRMU	06	15/07/2023	No
3	CATC-213	2MTR AMC	03	17/07/2023- 26/07/2023	Yes
4	CATC-99	AMC Center Sajahpur	03	04/08/2023- 13/08/2023	Yes
5	C Certificate Distribution	20 UP GIRLS BN	26	08/08/2023	Yes
6	Practice of Independence Parade	SRMU	35,40,49,56,48,21	08/08/2023- 14/08/2023	Yes
7	Independence Parade	SRMU	74	15/08/2023	No
8	Independence Camp	Dilkusha Garden	01	04/08/2023- 15/08/23	Yes
9	Student Induction Program	SRMU	12, 13, 10	16/08/2023- 18/08/2023	No
10	NCC Drill and Lecture	SRMU	32	26/08/2023	No
11	NCC Drill and Lecture	SRMU	46	2/09/2023	No
12	NCC Selection	IT Metro Station	53	05/09/2022	No
13	NCC Drill and Lecture	SRMU	29	09/09/2023	No
14	ANO Welcome	SRMU	36	16/09/2023	No
15	Girls Enrollment Activity and NCC Lecture	SRMU	106	23/09/2023	No
16	NCC Boys Wing Selection	SRMU	67	23/09/2023	Yes
17	Swachh Bharat Mision and SD Rank Cermony	SRMU	76	30/09/2023	Yes
18	Conducte 1090 of Road Safety Drive	SRMU	74	10/10/2023	Yes
19	NCC Drill and Lecture	SRMU	40	14/10/2023	No
20	International Miletas Day, Nukad Natak and Poster Making	SRMU	93	28/10/2023	Yes
21	SW Certificate Distribution and Rank Cermoney	SRMU	96	04/11/2023	No
22	NCC Drill and Lecture	SRMU	45	18/11/2023	No
23	NCC Drill and Lecture	SRMU	34	25/11/2023	No
24	CATC-231 CAMP	GCRG	33	28/11/2023- 7/12/2023	Yes
25	Blood Donation Camp	SRMU	37	29/11/2023	No
26	NCC Drill and Lecture	SRMU	31	2/12/2023	No
27	NCC Drill and Lecture	SRMU	34, 38, 37, 52, 47, 40, 15, 80, 44, 96, 90	05/1/2024- 19/1/24	No
28	Rangoli Making Competition	SRMU	86	20/1/24	No
29	Practice of Republic Day Prade	SRMU	85, 90, 85	23/01/2024- 25/01/2024	No
30	Republic Day Prade	SRMU	124	26/01/2024	No
31	LRDC	Lucknow Cantt	01	26/1/2024	Yes
32	NCC Drill and Lecture	SRMU	17	29/1/2024	No

33	NCC Drill and Lecture	SRMU	32	3/2/2024	No
34	B Certificate Practical Exam	Police Ground, Lucknow University	16	09/02/2024	Yes
35	B Certificate Written Exam	Lamartineer Girls	16	11/2/2024	Yes
36	NCC Drill and Lecture	SRMU	47	17/2/2024	No
37	C Certificate Practical Exam	Police Ground	12	17/02/24	Yes
38	C Certificate Written Exam	LPS South City	12	03/03/24	Yes
39	Volleyball Match	SRMU	55	24/02/24	No
40	Practice of Written Exam	SRMU	41	09/03/23	No
41	Blood Donation Camp	SRMU	63	05/04/24	No
42	Col Ratnakar Visit	SRMU	56	08/04/24	Yes
43	Guest lecture on the topic crime prevention, crime against women and children and cyber crimes	SRMU	56	08/04/24	No
44	Swachhata Pakhwada Activity	Smaparpan Hospital	21	13/04/24	Yes
45	Appt Holders Interative Confrence at BN	20 UP Girls BN ^[11] _{SEP}	06	15/04/24	Yes
46	Swachhata Pakhwada Activity	SRMU	37	20/04/24	Yes
47	Brig Neeraj Punetha GP, CDR, NCC Group HQ LKO	SRMU	60	24/04/24	Yes
48	World Environment Day	Online	60	05/06/24	Yes
49	CATC-213	SRMU	35	12/06/24- 21/06/2024	Yes
50	International Yoga Day	Online	60	21/6/2024	Yes
51	International Day Against Drug Abuse and Illicit Trafficking	Online	60	26/6/2024	Yes





Training & Placement Cell

Total Offers 750+ :- SRMU successfully provided more than 750 offers for the 2024 pass-out batch

Companies Visited : 150+ :- 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/ Agriculture
TCS	E-Team	Integrated Resources	Cureton Biotech Pvt. Ltd.
Tech Mahindra	IMS People	Pulusu Healthtech	Farmes Fase .Org
Collebra	Head Field	Quess Corp	Rawcubes
Coditas	Jaro Education	Badho.in	Govind Brothers
Chetu	Learning Shala	Corizo	IMS People

Highest Package : 9 LPA :- TCS, one of our top recruiter with the highest offerings

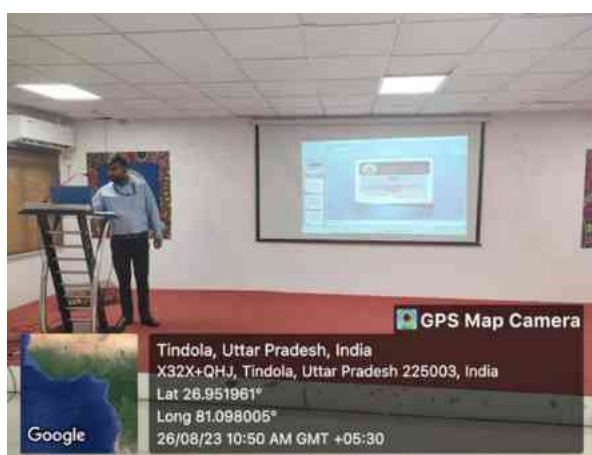
- **Industry Expert Session by Corporate** :- Dedicated Personality Development Session based on Practical Learning Career Guidance

Varta Key Sessions-

Speaker	Organization	Topic
Mr. Sampath kumar	RACE IAS Academy	How To Prepare For Civil Services
Mr. Arvind Khanduri	Coding Clave	Scope Of Coding In Industry
Mr. Abhishek Saxena	TCS	Tips To Clear TCS NTQ
Mr. Udit Singh	Shield Defence Academy	How To Crack CDS Exam
Mr. Mohit Suri	Paramount	How To Prepare For IBPS Exam

Eminent Alumni Talk-

Speaker	Organization	Topic
Mr. Jalaj	Cognizant	Career Options In IT Industry
Ms. Archana Kumari	Deloitte	Scope & Utilization Of Finance As A Subject In Modern Era
Mr. Saurabh Kumar	SETCO	Challenges During Job Search
Abhishek Yadav	Aditya Birla Finance Ltd.	Machine Learning And Cognitive Learning



Aptitude Session and Grooming 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.
- **AAZADI 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 12th 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



Lucknow, Uttar Pradesh, India
 9/2, Prem Nagar, Hazratganj, Lucknow, Uttar Pradesh 226001, India
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 Long 80.947573°
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क्यू-क्लब द्वारा विश्व जनसंख्या दिवस पर प्रतियोगिता का आयोजन



बाराबंकी। आज दिनांक 11 जुलाई 2023 को श्री रामस्वरूप मेमोरियल विश्वविद्यालय के क्यू-क्लब (स्वास्थ्य क्लब) द्वारा विश्वजनसंख्या दिवस पर सिफसा, लखनऊ के सहयोग से खाद विवाद प्रतियोगिता का आयोजन किया गया। इस प्रतियोगिता का आयोजन क्यू ओएन शुक्ला मेमोरियल इण्टर कॉलेज, केसट्री, बाराबंकी में आयोजित किया गया। इस प्रतियोगिता में कॉलेज के हाईस्कूल एवं इण्टरमीडिएट के छात्र-छात्राओं ने भाग लिया। क्यू-क्लब एवं राष्ट्रीय सेवा योजना से जुड़े अर्थात् खेतान एवं कर्तव्य सिंह ने विद्यार्थियों के साथ समन्वय स्थापित कर उनकी प्रोत्साहित किया। विश्व के जन-स्वास्थ्य समन्वयक एवं सिफसा की परियोजना के जोडल अधिकारी डॉ. अनिल कुमार ने बताया कि

“परिवार नियोजन का अपनाओ उपाय, लियेओ तरकी का नया अध्याय” विषय पर आयोजित खाद-विवादप्रतियोगिता में कर्तव्यसिंहों ने प्रतिभाग किया, जिसमें इण्टरमीडिएट की छात्राअनुष्का कर्नौजिया, प्रथम स्थान, सुष्टि अक्खी ने द्वितीय स्थान, तथा अशिका सिंह नेतृतीय स्थान प्राप्त किया। इस प्रतियोगिता में 3 विद्यार्थियों यथा- हर्षित वर्मा, हर्षित मिश्रा, एवं अकांक्षा यादव ने सांख्यना पुरस्कार प्राप्त किये। प्रतियोगियों ने अपने विचार व्यक्त करते हुए कहा कि हम विश्व में सर्वोत्तम जनसंख्या वाले देशों में चीन को पीछे करते हुए पहले स्थान पर पहुंच चुके हैं। आज हमें चीन एवं अन्य विकसित देशों को धातिल लुकाओं को देश की प्रगति में भागीदार बनाने के अवसर मुहैया कराने होंगे।

रवानी, प्रकाशक, मुद्रक एवं सम्पादक विमल
 Mob-9415656

Road Safety Awareness Training Program
 Organized by Honda Motorcycle & Scooter India Pvt. Ltd & Sri Ramswaroop Memorial University, Lucknow

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

Lucknow – 10th, 12th & 13th May 2023

Road Safety Education

Team Honda (Safety Education & Center Mgmt.)

Guest Faculty & SRMU Management:

Dr. Ganeswar Sharma (Vice-Chancellor), Dr. B. N. Das (Governor SRMU), Mr. Anurag Singh (RMO)

Dr. Sandeep Sharma (Expert Certified - Chief Instructor), Mr. Anuj Vishwak (DEPT. HOD, Honda Safety Education - C.E)



Tindola, Uttar Pradesh, India
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 Long 81.099878°
 13/01/23 02:33 PM GMT +05:30

Center for Innovation Incubation & Entrepreneurship (CIIE)

The Center 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 help start-ups to achieve sustainable, scalable growth over varied geographies and sectors, providing solutions to socio-economic issues.

Upgradation of Innovation and Incubation Hub at B2 303 under CIIE with space for startups



Design and Display of the innovative prototypes.



Prototype: A Multitasking ROBOT based on IoT



Prototype: IoT based Automated Wheel Chair

Establishment of Startups along with legal documentation. In order to establish the culture of innovation and incubation, CIIE mentored the students to set up startups. 07 startups were successfully established and mentored from 2019 tabulated with names and logos.

 <p>Extend Sure Development Pvt. Ltd.</p>	 <p>Bit by Bit</p>	 <p>Predulive Innovations Pvt. Ltd.</p>
 <p>Pharmacyclick</p>	 <p>Gupta Capitals</p>	 <p>First Cut and Care</p>

01 startup agreement was renewed on Jan. 08, 2024 with the name **Attechx Serve Technology**. It provides the online learning platform where students can learn, do internship and get certification in Computer Technology and Business management. The startup begged **Certification of Recognition** from Govt. of India, Ministry of Commerce and Industry.



01 new startup is established and supported by CIIE on 19th Dec., 2023 with company name **Alvolution XTech**. Involved in development of Robotic projects, conduction workshops, practical sessions for developing working prototypes.



Patents Filed / Published

- i) **Invention:** Robotic Wheel Chair for Physically disabled.
Patent Application No. 202311011812
Date of Filing: 21-02-2023
- ii) **Invention:** Automated engine seize system using overconsumed alcohol sensors to prevent road accidents.
Patent Application No. 202211058007
The Patent Office Journal No. 15/2024 Dated 12/04/2024
- iii) **Invention:** Dual power mode sensor based automated lowcost SMART Bin under Swachh Bharat Abhiyan.
Patent Application No. 202211052875
The Patent Office Journal No. 12/2024 Dated 22/03/2024

Application Details	
APPLICATION NUMBER	202211058007
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	10/10/2022
APPLICANT NAME	ALKESH AGRAWAL
TITLE OF INVENTION	AUTOMATED ENGINE SEIZE SYSTEM USING OVER CONSUMED ALCOHOL SENSORS TO PREVENT ROAD ACCIDENTS
FIELD OF INVENTION	BIOTECHNOLOGY
E-MAIL (As Per Record)	alkesh.agrawal26@gmail.com
ADDITIONAL E-MAIL, (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	12/04/2024

CIIE organized the talk on My Story - Motivational Session by Successful Entrepreneur on 18-10-23 (Wednesday) from 1.00 pm - 4.00pm in B1207 (Auditorium)

Resource Person: FOUNDER DIRECTOR at Manjaris Institute Of MusicFine Arts Manjaris Institute Of Music Fine Arts (MIMFA) Lucknow, Uttar Pradesh, India



CIIE organized Visit to Incubation Centre Integral University on 28-02-24 (Wednesday) from 10.00 am onwards. Venue: Incubation Centre Integral University, Khursi Road, Lucknow



CIIE organized Internal round of Smart India Hackathon on 23-09-2023 from 10.00 am to 4.00 pm in B1 507. The objective of the event was to bring together a group of individuals with diverse skills and backgrounds to collaboratively work on a specific problem or challenge within a limited time frame and develop some innovative Idea which make them to qualify for national level competition.

Total 17 teams participated (each team has 05 members)



CIIE & DECE organized Techfest (Technorion) in SRMU in Collaboration with IIT-B on 15-10-2023 with objective to promote creative, innovative and technical skills amongst the youth.

Events Organized:

Meshmerize: Robotic Competition of Line Following Robot where an autonomous Robot to follow the designed path in minimum time.

Cosmoclench: Robotic Competition where a Robot has to overcome the hurdles and Pick the boxes from specified locations and Drop the Boxes at specified locations.

Codecode: A coding competitions where the students to generate a source code in certain choice of languages in a specified time duration. **Techfest Olympiad:** Competition for School students where each student to solve set of questions in a specified time duration



Welfare Measures

The welfare measures provided by the University to its employees, including faculty members, technical and non-technical staff during session 2023-24 are as follows:

- i) Benevolent fund facility was provided to 17 employees during session 2023-24, where the total amount of Rs. 3,49,597.00 was sanctioned by the university.
- ii) 6 employees were provided the facility of flexi timings.
- iii) 3 female employees were provided with maternity leave facility.
- iv) 30 faculty members of university were provided with financial assistance for conference/ seminar/ workshop wherein the total amount of Rs. 1,03,415.00 was sanctioned by HR office.
- v) Medical insurance facility was provided to 147 employees of the university.
- vi) Provident Fund (PF) and Employees State Insurance (ESI) was provided to 215 employees of the university.
- vii) 13 faculty members were also sanctioned with duty leave facility during academic session 2023-24 to pursue research work during their PhD programme

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 work.

Various hobby clubs provide a platform for SRMUans to experiment, innovate and imbibe the spirit of team work. 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 reflects 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 2023-24

S. No.	Date	Name of The Event	Club Name	No. of students Participated
1	04/08/23	Twin sisters with cameras exhibition	Snapshot	15
2	15/08/23	Independence Day	BTB	10
3	15/08/23	Independence Day	Razzmatazz	15
4	15/08/23	Independence Day	Expressions	10
5	15/08/23	Independence Day	Sur jhankar	4
6	17/08/23	Induction	1090	20 to 30
7	17/08/23	Induction	Razzmatazz	20 to 30
8	17/08/23	Induction	Expressions	20 to 30
9	17/08/23	Induction	BCC	20 to 30
10	17/08/23	Induction	Sur jhankar	20 to 30
11	17/08/23	Induction	Golden Pen Club	20 to 30
12	19/08/23	khel khel me seekho	PPC	20 to 30
13	25/08/23	Offline Audition	Sur jhankar	20 to 30
14	02/09/23	Photography worksho by canon	Snapshot	10
15	06/09/23	Janmashtami	BTB	13
16	06/09/23	Janmashtami	Expressions	16
17	09/09/23	Counselling Session	PPC	05
18	09/09/23	Laser Reverie	Tech Fusion	50
19	15/09/23	K-POP	BTB	30

20	15/09/23	BGMI SKILS	Tech Fusion	40
21	23/09/23	Ganesh Chaturthi	Razzmatazz	15
22	23/09/23	Kavitaye	Golden Pen Club	16
23	27/09/23	Open Mic Retro	Sur jhankar	06
24	30/09/23	Meet the minds2.0	BCC	23
25	30/09/23	Kalakaar	Expressions	12
26	30/09/23	Beat Bounce Bonanza	BTB	15
27	30/09/23	Nukkadh Natak	Expressions	12
28	05/10/23	Robotic Workshop	Tech Fusion	50
29	10/10/23	Traffic Awareness	1090	100
30	11/10/23	Nitya	Razzmatazz	13
31	12/10/23	Ace the stage with azam	Manch	18
32	20/10/23	Harmony	Srijan	20
33	20/10/23	Dandiya night	BTB	30
34	27/10/23	Khadi Mohotsav	Razzmatazz	19
35	27/10/23	Khadi Mohotsav	1090	19
36	28/10/23	Highway to alcher	Golden Pen Club	16
37	31/10/23	Mehndi	Srijan	12
38	04/11/23	Groove glamour grandeur	BTB	15
39	12-01-24	National youth day	Golden Pen Club	11
40	20/01/24	Mirage	Razzmatazz	12
41	23/01/24	Kashiyatra	Golden Pen Club	100
42	26/01/24	Republic Day	Sur jhankar	05
43	27/01/24	Alphabet Treasure Hunt	Apni pathshala	10
44	29/01/24	Debate	Manch	16
45	05/02/24	RJ Jalaj	Razzmatazz	40
46	07/02/24	Sports Safar	Apni pathshala	12
47	10/02/24	Ouest room	Apni pathshala	18
48	17/02/24	Chatterbugs	Apni pathshala	12
49	19/02/24	Intellectual Property Right Workshop	Sur jhankar	11
50	27/02/24	Safarnama2.0	Golden Pen Club	15
51	02/03/24	Jungle Safari	Apni pathshala	75
52	14/03/24	Abhinay	Expressions	14
53	14/03/24	Nukkadh Natak	Expressions	15
54	14/03/24	Kaifiyat 2.0	Golden Pen Club	10
55	14/03/24	Shabd shrinkhla	Golden Pen Club	13
56	14/03/24	Inaugral	Razzmatazz	50
57	15/03/24	Group Fashion	Razzmatazz	12
58	15/03/24	Mr. and Ms Anubhuti	Razzmatazz	02
59	15/03/24	Sahityadeep	Golden Pen Club	12
60	15/03/24	The nuvankur	Golden Pen Club	13
61	15/03/24	Bandish	Sur jhankar	15
62	15/03/24	Monoact	Expressions	17
63	15/03/24	Anubhuti	Apni pathshala	12



Glimpse of Events



Harmony 2k23



Anubhuti 2k24



Awsar 2k24