Program Outcomes

Program Outcomes are statements that describe what students are expected to know and be able to do upon graduating from the program. These relate to the skills, knowledge, analytical ability attitude and behavior that students acquire through the program. The POs essentially indicate what the students can do from subject-wise knowledge acquired by them during the program.

The Graduate attributes flow from institute to programme level. For each programme, graduate attributes are defined, and the programme aims to inculcate these attributes in the students during their course of study.

Graduate Attributes

Graduate Attributes are central to the design, delivery and assessment of student learning in all departments at the institute. These Graduate attributes are as follows:

1. Discipline Knowledge & Expertise
2. Self-Directed and Active Learning
3. Research and Enquiry
4. Information & Communication Technology Skills
5. Critical Thinking & Problem-Solving Abilities
6. Communication Skills
7. Creativity, Innovation & Reflective Thinking
8. Analytical & Decision-Making Ability
9. Leadership & Teamwork
10. Multicultural Understanding & Global Outlook
11. Integrity and Ethics
12. Social & Emotional Skills
13. Employability, Enterprise & Entrepreneurship
14. Lifelong Learning
15. Environment & Sustainability

Program Outcomes

Program Outcomes of Masters of International Business (MIB) (New Syllabus)

POs	POs Description
PO 1	**Discipline Knowledge & Effective Communication:** Understand, compare and contrast cultures and societies globally using socioeconomic and cultural frameworks affecting business.
PO 2	**Multicultural Understanding and Global Outlook:** Comprehend the impact of cultural and legal differences on international business practices and management.
PO 3	**Critical Thinking, Design Solution and Professional Ethics:** Demonstrate capability to develop strategies that are sustainable, ethical and in global interest.
PO 4	**Analysis of Problem with modern tools:** Develop an entry strategy into global markets recognizing the importance of digitalization and data.

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PO 5	**Innovation & Entrepreneurship:** Design innovative solutions to complex global business challenges, integrating knowledge from multiple disciplines withholding ethical and sustainable practices.

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Program Outcomes of Master's of International Business (MIB) (Old Syllabus)

POs	POs Description
PO 1	**Discipline, Knowledge & Team Work:** Equip students with the knowledge, skills & right attitude necessary to provide effective leadership in a global environment.
PO 2	**Critical Thinking & Design Solution:** Develop the ability to critically assess business problems and provide solutions in the global arena.
PO 3	**Analysis & Problem with Modern Tools:** Demonstrate an understanding of the fundamental and interdisciplinary business concepts and functions through analytical tools for achieving strategic business outcomes.
PO 4	**Life-long Learning & Professional Ethics:** Develop a holistic personality for professional excellence and personal growth.
PO 5	**Innovation & Entrepreneurship:** Create innovative ideas using digital skills for sustainable business opportunities.
PO 6	**Project Management & Effective Communication:** Apply domain-based knowledge in a real business setting at the global level.

Program Outcomes of Bachelor's of Business Administration (BBA)

POs	POs Description
PO 1	**Discipline Knowledge & Analytical Skills:** Enumerate various concepts, terms and theories of business management in the areas of Marketing, Finance, Human Resource, Operations and Data Analysis.
PO 2	**Design Solution & Critical Thinking** Articulate necessary professional skills related to various business domains to create effective solutions for corporate dilemmas.
PO 3	**Analysis & Problem with Modern Tools:** Exhibit proficiency in conducting research- including data collection, analysis and presentation of scenarios enabling decision making in a global context.
PO 4	**Project Management &Communication:** Comprehend the significance of classical theories and their relevance to contemporary business models.
PO 5	**Life-long Learning & Team Work:** Develop a holistic personality to function effectively in teams and in individual capacity to achieve personal and professional goals.
PO 6	**Innovative & Entrepreneurship:** Craft innovative ideas using digital skills for sustainable business opportunities for societal concerns.

Dr. Arun Kumar Singh

Prof (Dr) Pooja Rastogi

Head - Department of Management

Program Outcomes of Bachelor's of Computer Application (BCA)

POs	POs Description
PO 1	**Computational Knowledge**: To determine the solution to specified issues and needs, apply the fundamental and domain ideas of mathematics and computing.
PO 2	**Analysis of Problem:** Ability to study, identify & analyze the computing problems using the basics of computer science and application domains.
PO 3	**Design Solutions:** Ability to define all the architectural modules of the problem along with its communication, data flow representation and propose unified solutions using emerging technologies.
PO 4	**Critical Thinking:** Take well-informed action after recognizing the underlying presumptions that guide our thinking and behavior, evaluating**(investigating)** the degree to which these presumptions are true and valid, and considering our concepts and decisions (intellectual, organizational, and personal) from several angles.
PO 5	**Use of Modern Tools:** Capacity to choose modern computer tools, methodologies, and skills required for new software solutions
PO 6	**Professional Ethics:** Capacity to apply and commit professional ethics and cyber rules and regulations in a global world.
PO 7	**Life-long Learning:** Develop the capacity to engage in continuous learning as a computing professional by realizing the necessity for it.
PO 8	**Project Management:** Being able to manage projects in interdisciplinary environments requires an understanding of management and computing principles as well as computer expertise.
PO 9	**Communication Effectiveness:** being able to understand clear documentation and compelling presentations will help to communicate with the computing community and society.
PO 10	**Individual & Team Work:** The capacity to function as a team player or a leader in a multidisciplinary context.
PO 11	**Innovation and Entrepreneurship:** Identifying possibilities, having a business vision, and using creative thinking are all ways to build wealth and add value for the benefit of both the individual and society.

Dr. Gagan Varshney
Head- Department of Computer Science

Dr. Arun Kumar Singh

Program Outcomes of M. Sc. Biotechnology

POs	POs Description
PO 1	**Formulating masters of knowledge in specific subjects:** to enhance the general subject knowledge and provide with the chance to tackle advanced independent research-projects on a smaller scale.
PO 2	**Technological Excellence:** enables students to adjust to their own pace of learning. Technology- Enhanced Learning (TEL) makes even the most mundane tasks more engaging and helps students to stay focused
PO 3	**Expertise in Digital Communication,** Digital Trade and Entrepreneurship: helpsstudents develop their transversal skills and have an insight into the working environment of an entrepreneur
PO 4	**Current Literary Trends** : familiarising students with the recent trends in languageand literature.
PO 5	**Pathfinders in Scientific Exploration**: enhances the development of critical thinking skills that lead to the ability to reason logically and problem-solve Creatively
PO 6	**Creating New Methodologies:** Students learn to go beyond the conventional systems and tackle the innovative spheres of learning. Active learning method s like brainstorming, mind mapping, peer teaching, flipped classroom, etc make learning more engaging.
PO 7	**Practising Green Philosophy:** promotes environmental sustainability through various environment-friendly means that encourage judicious use of resources thereby ecologising the philosophy of education.
PO 8	**Research Activity**: apply Research based knowledge and methodologies to design, analyse and interpretation of data and find the solutions for complex problems by applying right tools. Provide an excellent bridge between undergraduate study and PhD research
PO 9	**Employability**: postgraduate study boosts the career progress and chart out the career paths. It demonstrates the ability to tackle complex and challenging assessment tasks.
PO 10	**Dissertation and Viva Voce:** To enable the students to present their arguments in comprehensible and scholarly manner and to enkindle the spirit of research in their minds

Prof (Dr) Surabhi Johari

Head - Department of Bioscience

Program Outcomes of B. Sc. Biotechnology

POs	POs Description
PO 1	**Self-directed and Life-long Learning**: Self-equipped to engage in independent and life- long learning in the broadest context of socio-cultural and technological changes.
PO2	**Effective Communication:** Speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.
PO3	**Effective Social Interaction:** Elicit views of others, mediate disagreements and Help reach conclusions in group settings.
PO4	**Evaluative Thinking**: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.
PO5	**Ideal Citizenship**: Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issuesand participate in civic life through volunteering.
PO6	**Ethics:** Recognize different value systems including one's own, understand the moral dimensions of one's decisions, and accept responsibility for them.
PO7	**Environment and Sustainability**: Understand the issues of environmental contextsand sustainable development.
PO8	**Digital Knowledge System:** Adequate training in the application of digital knowledge in higher education and workplace.
PO9	**Project Work and Oral Examination**: Equip students to demonstrate their own work and to investigate their awareness in relation to the wider research field.
PO10	**Research Activity**: apply Research based knowledge and methodologies to design, analyse and interpretation of data and find the solutions for complex problems by applying right tools. Provide an excellent bridge between undergraduate study and research.

Surabhi Johari

Prof (Dr) Surabhi Johari

Dr. Arun Kumar Singh

Head - Department of Biosciences

Program Outcomes of B. Sc. Microbiology

POs	POs Description
PO 1	**Core and applied knowledge in microbiology:** Acquired knowledge and understanding of the microbiology concepts as applicable to diverse areas such as medical, industrial, environment, genetics, agriculture, food and others.
PO 2	**Hands-on laboratory skills:** Demonstrate key practical skills/competencies in working with microbes for study and use in the laboratory as well as outside, including the use of good microbiological practices.
PO 3	**Scientific problem-solving, articulation, and remedial action in microbiology :**Competent enough to use microbiology knowledge and skills to analyze problems involving microbes, articulate these with peers/ team members/ other stake holders, and undertake remedial measures/ studies etc.
PO 4	**Ability to identify global/societal challenges in microbiology**: Developed a broader perspective of the discipline of Microbiology to enable him to identify challenging societal problems and plan his professional career to develop innovative solutions for such problems.
PO 5	**Proficiency in core and emerging areas of microbiology:** To gain in depth knowledge in life science subjects and their application in the field of Genetic Engineering, Bioprocess Engineering, Immunology , Stem Cell Technology, Agriculture, Nano-biotechnology and Bioinformatics.
PO 6	**Research-oriented critical thinking, experimental planning and problem-solving skills:** Develop planning, analysing and reasoning abilities through practical courses and research project.
PO 7	**Exposure to advanced tools, techniques, and real-world applications in microbiology:** Expose them to advanced techniques and applications through extensive practical courses and research project.
PO 8	**Employability and leadership skills for research, industrial, and academic sectors:** To make students competent enough to take responsibilities in the field of Research, Industries and Academics.
PO 9	**Professional readiness with enhanced employability:** Employability: postgraduate study boosts the career progress and chart out the career paths. It demonstrates the ability to tackle complex and challenging assessment tasks.
PO 10	**Entrepreneurial orientation, digital trade literacy, and soft skills for start-up environment:** Digital Trade and Entrepreneurship: helps students develop their transversal skills and have an insight into the working environment of an entrepreneur.

Surabhi Johari

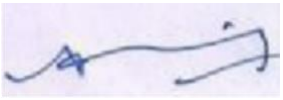
Dr. Arun Kumar Singh

Prof (Dr) Surabhi Johari

Head - Department of Biosciences

Program Outcomes of Bachelors in Journalism & Mass Communication

POs	POs Description
PO 1	**Discipline Knowledge and Usage of Modern Tools:** To equip students with the knowledge and essential skills required for working in various media organizations with different mass communication apparatuses and varied audiences need.
PO 2	**Effective Communication & Team Work:** To instill knowledge and fundamentals of communication in the students and hone written - spoken communication skills essential for various media platforms.
PO 3	**Analysis of Problem & Critical Thinking:** To encourage critical thinking, research aptitude, ethics and social responsibility related to media in the students.
PO 4	**Design Solution & Professional Ethics:** To enhance the capacity of students to understand universal and domain – specific values of Journalism and Mass Communication.
PO 5	**Professional Readiness with Entrepreneurial Skills:** Inculcate both generic and subject-specific skills to succeed in the field of employment and standards of life
PO 6	**Life Long Learning with Innovative ideas:** This Programme develops scientific and practical approaches among the students which helps in their daily life



Prof. (Dr.) Anil Kumar Nigam

Head-Department of Journalism and Mass Communication