

## Programme Outcomes (POs): Faculty of Science & Technology

At the time of graduation, Students will be able to

Sr. No.	POs
1	Critical 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.
2	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.
3	Social Interaction: Elicit views of others, mediate disagreements and help reach conclusions in group settings.
4	Effective Citizenship: Demonstrate empathetic social concern and equity centered national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.
5	Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.
6	Environment and Sustainability: Understand the issues of environmental contexts and sustainable development.
7	Self-directed and Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes
8	Critical 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.
9	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.
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15	In students, develop the skill of practical and overall performance of student's life.
16	The student will give Knowledge about MOT, introduction to volumetric analysis, knowledge about preparation of acetaldehyde from ethanol, ethylidene chloride and acetylene.
17	Knowledge about Gibb's and Helmholtz's free energy function physical significance of Gibb's free energy. Definition and classification of transition metal, knowledge about aromatic nitro compounds
18	Students learn coordination compound and try to apply this knowledge in synthesis.
19	Students understand the difference between dyes, drugs and pesticides.
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26	Self-directed and Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes
27	Apply knowledge of Mathematics, in all the fields of learning including higher research and its extensions.
28	Innovate, invent and solve complex mathematical problems using critical understanding, analysis and synthesis.
29	Adjust themselves completely to the demands of the growing field of Mathematics by lifelong learning.
30	Effectively communicate about their field of expertise on their activities, with their peer and society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations
31	PO1Crack lectureship and fellowship exams approved by UGC like CSIR – NET and SET
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37	Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.

38	Environment and Sustainability: Understand the issues of environmental contexts and sustainable development.
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## Programme Outcomes (POs): Faculty of Arts & Humanities

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1	Understanding of the scope and evaluation of the diverse discipline of aspects of geography.
2	Understanding influences and approaches are relevant to exploring human-environment problems. Application of geographical knowledge for societal development.
3	An understanding and acknowledgment of the threats that compromise the earth's natural systems. To know the basics of upcoming disasters and threats.
4	Students become equipped with the ability to respond to both natural and man-made disasters and acquire management skills.