



# ST. WILFRED'S P.G. COLLEGE

(Affiliated to the University of Rajasthan)

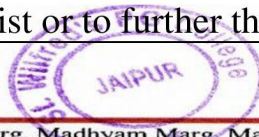
## PROGRAMME OUTCOME

### M.SC. Geology

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| PO-1  | The student will demonstrate a working knowledge of the terminology of geology, geophysics, geochemistry, and others, with a comprehensive understanding of the earth's interior, surface, resources, climate, biosphere, and the different methods used to study them.  |
| PO-2  | The student will identify with confidence the different minerals, rocks, ores, and fossils in the field or outcrop or laboratory, based on their megascopic and microscopic characters and natural crystals based on their morphology along with a working knowledge of their geological origin and significance.  |
| PO-3  | The student will identify with confidence the different geomorphic features and geological structures in the field and map with emphasis on their origin and configuration.  |
| PO-4  | Identify, interpret, synthesize and evaluate topographic and geological maps, terrain models, draw profiles and geological cross sections.   |
| PO-5  | The student will identify, interpret, visualize, synthesize and evaluate geophysical data, geochemical data, and remote sensing images.  |
| PO-6  | The student will apply the acquired knowledge to mineral and fuel exploration, mine planning and mining geology, remote sensing geology and engineering geology.   |
| PO-7  | The student will apply and handle Brunton and clinometer compasses, different surveying equipment, geophysical surveying equipment, remote sensing images, topographic maps, terrain models, and others in geological mapping, mineral exploration and other geological investigations.  |
| PO-8  | The student will apply the relevant principles of chemistry, physics, mathematics, computing and engineering to varied geological problems.  |
| PO-9  | The student will discuss with confidence the theories and principles for major processes, phenomena and observations within Applied Geology. Synthesize recorded observations, evidence, and theory across different areas of earth and planetary science, recognizing and explaining similarities and differences between different regions, times, planets and geological processes. |
| PO-10 | The student will develop proficiency in understanding and conveying complex geological ideas and concepts with clarity in written, online and oral communication and develop positive values and aptitude necessary to obtain and maintain employment as a professional geologist or to further their education.   |

*Kapila*

IQAC HEAD  
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*Fareeda*

Principal  
(Dr. FAREEDA HASANI)  
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