MANGALORE UNIVERISTY

Learning Outcomes for PG Programmes

Knowledge and Understanding:

A graduate should be able to demonstrate the acquisition of:

- advanced knowledge about a specialized field of enquiry with a critical understanding of the emerging developments and issues relating to one or more fields of learning,
- advanced knowledge and understanding of the research principles, methods, and techniques applicable to the chosen field of learning or professional practice,
- procedural knowledge required for performing and accomplishing complex and specialized and professional tasks relating to teaching, and research and development

General, technical and professional skills required to perform and accomplish tasks:

A graduate should be able to demonstrate the ability to:

- apply the acquired advanced theoretical and/or technical knowledge about a specialized field of enquiry and a range of cognitive and practical skills to identify and analyze problems and issues, including real-life problems, associated with the chosen field of learning.
- apply advanced knowledge relating to research methods to carry out research and investigations to formulate evidence-based solutions to complex and unpredictable problems.

Generic learning outcomes:

A graduate should be able to demonstrate the ability to:

- listen carefully, read texts and research papers analytically and present complex information in a clear and concise manner to different groups/audiences,
- communicate, in a well-structured manner, technical information and explanations, and the findings/results of the research studies undertaken in the chosen field of study,
- present, in a concise manner, views on the relevance and applications of the findings of recent research and evaluation studies in the context of emerging developments and issues,
- evaluate the reliability and relevance of evidence; identify logical flaws and gaps in the arguments of others; analyze and synthesize data from a variety of sources; draw valid conclusions and support them with evidence and examples, addressing opposing viewpoints.
- meet one's own learning needs relating to the chosen field of learning, work/vocation,
- pursue self-paced and self-directed learning to upgrade knowledge and skills, including research-related skills, required to pursue a higher level of education and research.
- problematize, synthesize, and articulate issues and design research proposals,

- define problems, formulate appropriate and relevant research questions, formulate hypotheses, test hypotheses using quantitative and qualitative data, establish hypotheses, make inferences based on the analysis and interpretation of data, and predict cause-and-effect relationships,
- develop appropriate tools for data collection for research,
- use appropriate statistical and other analytical tools and techniques for the analysis of data collected for research and evaluation studies,
- plan, execute, and report the results of an investigation,
- follow basic research ethics and skills in practicing/doing ethics in the field/ in one's own research work.
- make judgements and take decisions regarding the adoption of approaches to solving problems, including real-life problems, based on the analysis and evaluation of information and empirical evidence collected
- make judgement across a range of functions requiring the exercise of full responsibility and accountability for personal and/or group actions to generate solutions to specific problems associated with the chosen fields/subfields of study, work, or professional practice.

Constitutional, humanistic, ethical, and moral values:

A graduate should be able to demonstrate the willingness and ability to:

- embrace and practice constitutional, humanistic, ethical, and moral values in one's life,
- adopt objective and unbiased actions in all aspects of work related to the chosen field of study,
- participate in actions to address environmental protection and sustainable development issues,
- support relevant ethical and moral issues by formulating and presenting coherent arguments,
- follow ethical principles and practices in all aspects of research and development, including inducements for enrolling participants, avoiding unethical practices such as fabrication, falsification or misrepresentation of data or committing plagiarism

Employability and job-ready skills, and entrepreneurship skills and capabilities/qualities and mindset:

A graduateshould be able to demonstrate the acquisition of knowledge and skill sets required to:

- adapt to the future work and respond to the demands of the fast pace of technological developments and innovations that drive the shift in employers' demands for skills, particularly with respect to the transition towards more technology-assisted work involving the creation of new forms of work and rapidly changing work and production processes,
- exercise full personal responsibility for the output of own work as well as for group/team outputs and for managing work that is complex and unpredictable requiring new strategic approaches.

(Adopted from UGC)