

Taranath Shikshana Samsthe



LAXMI VENKATESH DESAI COLLEGE, RAICHUR-584103.

(Affiliated to Raichur University, Raichur)



UG & PG
PROGRAMME OUTCOMES,
PROGRAMME SPECIFIC OUTCOMES
&
COURSE OUTCOMES

Graduate Attributes

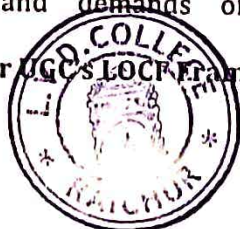
Undergraduate Programmes

1. **Disciplinary knowledge:** Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study.
2. **Communication Skills:** Ability to express thoughts and ideas effectively in writing and orally; Communicate with others using appropriate media; confidently share one's views and express herself/himself; demonstrate the ability to listen carefully, read and write analytically, and present complex information in a clear and concise manner to different groups.
3. **Critical thinking:** Capability to apply analytic thought to a body of knowledge; analyse and evaluate evidence, arguments, claims, beliefs on the basis of empirical evidence; identify relevant assumptions or implications; formulate coherent arguments; critically evaluate practices, policies and theories by following scientific approach to knowledge development.
4. **Problem solving:** Capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge; and apply one's learning to real life situations.
5. **Analytical reasoning:** Ability to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyses and synthesize data from a variety of sources; draw valid conclusions and support them with evidence and examples, and addressing opposing viewpoints.
6. **Research-related skills:** A sense of inquiry and capability for asking relevant/ appropriate questions, problematizing, synthesizing and articulating; Ability to recognize cause-and-effect relationships, define problems, formulate hypotheses, test hypotheses, analyse, interpret and draw conclusions from data, establish hypotheses, predict cause-and-effect relationships; ability to plan, execute and report the results of an experiment or investigation.
7. **Cooperation/Team work:** Ability to work effectively and respectfully with diverse teams; facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of a team.
8. **Scientific reasoning:** Ability to analyse, interpret and draw conclusions from quantitative/qualitative data; and critically evaluate ideas, evidence and experiences from an open-minded and reasoned perspective.
9. **Reflective thinking:** Critical sensibility to lived experiences, with self-awareness and reflexivity of both self and society.
10. **Information/digital literacy:** Capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data.
11. **Self-directed learning:** Ability to work independently, identify appropriate resources required for a project, and manage a project through to completion.
12. **Multicultural competence:** Possess knowledge of the values and beliefs of multiple cultures and a global perspective; and capability to effectively engage in a multicultural society and interact respectfully with diverse groups.
13. **Moral and ethical awareness/reasoning:** Ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives, and use ethical practices in all work. Capable of demonstrating the ability to identify ethical issues related to one's work, avoid unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, not adhering to intellectual property rights; appreciating environmental and sustainability issues; and adopting objective, unbiased and truthful actions in all aspects of work.
14. **Leadership readiness/qualities:** Capability for mapping out the tasks of a team or an organization, and setting direction, formulating an inspiring vision, building a team who can help achieve the vision, motivating and inspiring team members to engage with that vision, and using management skills to guide people to the right destination, in a smooth and efficient way.
15. **Lifelong learning:** Ability to acquire knowledge and skills, including 'learning how to learn', that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.

—As per UGC's LOCF Framework—


Co-ordinator

Internal Quality Assurance Cell (IQAC)
Laxmi Venkatesh Desai College, RAICHUR-03.




PRINCIPAL

L.V.D. College, RAICHUR-03.

Graduate Attributes

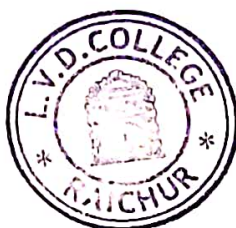
Postgraduate Programmes


1. **Advanced Knowledge and Expertise:** Postgraduate students deepen their understanding of their chosen field through rigorous study and research, becoming experts in specialized areas.
2. **Critical Thinking and Analysis:** Graduates are adept at critically evaluating complex issues, theories, and research findings, enabling them to make informed decisions and contribute original insights.
3. **Research and Inquiry Skills:** Postgraduates master advanced research methodologies, allowing them to conduct independent investigations, contribute to scholarly knowledge, and drive innovation.
4. **Problem-Solving Abilities:** Graduates are skilled at identifying, analysing, and solving complex problems, often requiring innovative approaches and interdisciplinary thinking.
5. **Communication Proficiency:** Postgraduates effectively communicate complex ideas to both technical and non-technical audiences through writing, presentations, and discussions.
6. **Collaboration and Interdisciplinary Engagement:** Graduates excel in interdisciplinary collaborations, working with diverse teams to tackle multifaceted challenges and benefit from different perspectives.
7. **Leadership and Initiative:** Postgraduate students demonstrate leadership by taking initiative, guiding projects, and influencing positive change within their academic and professional communities.
8. **Ethical and Professional Integrity:** Graduates uphold high ethical standards in their research, acknowledging sources, conducting themselves ethically, and respecting intellectual property.
9. **Adaptability and Lifelong Learning:** Postgraduates are equipped to adapt to new technologies, emerging trends, and changing contexts, and they embrace lifelong learning to stay current in their fields.
10. **Global and Cultural Awareness:** Graduates recognize the global impact of their work and possess cultural sensitivity, enabling effective interactions in diverse settings.
11. **Innovation and Creativity:** Postgraduates foster innovative thinking, identifying new solutions, pushing boundaries, and contributing to advancements in their field.
12. **Time Management and Organization:** Graduates effectively manage complex projects, balance academic and personal commitments, and meet deadlines while maintaining high standards.
13. **Data Analysis and Interpretation:** Postgraduates develop advanced skills in analyzing data, drawing meaningful conclusions, and translating findings into actionable insights.
14. **Teaching and Mentoring Abilities:** Graduates are capable of imparting knowledge and mentoring others, whether through formal teaching roles or peer interactions.
15. **Resourcefulness and Resilience:** Postgraduates exhibit resilience in the face of challenges, adapting to setbacks, and finding creative solutions to overcome obstacles.
16. **Entrepreneurial Mindset:** Graduates are equipped with entrepreneurial skills, including identifying opportunities, evaluating risks, and potentially translating research into commercial ventures.
17. **Contribution to Society:** Postgraduates recognize their role in contributing positively to society, whether through academic research, community engagement, or policy advocacy.

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Programme Outcomes

Bachelor of Science (B.Sc.)

PO1.: Disciplinary Knowledge: Capable of demonstrating comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study

PO2. Communication Skills: Ability to express thoughts and ideas effectively in writing and orally; Communicate with others using appropriate media; confidently share one's views and express herself/himself; demonstrate the ability to listen carefully, read and write analytically, and present complex information in a clear and concise manner to different groups.

PO3. Critical Thinking: Capability to apply analytic thought to a body of knowledge; analyze and evaluate evidence, arguments, claims, beliefs on the basis of empirical evidence; identify relevant assumptions or implications; formulate coherent arguments; critically evaluate practices, policies and theories by following scientific approach to knowledge development.

PO4. Problem Solving: Capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge; and apply one's learning to real life situations.

PO5. Analytical reasoning: Ability to evaluate the reliability and relevance of evidence; identify logical flaws and holes in the arguments of others; analyze and synthesize data from a variety of sources; draw valid conclusions and support them with evidence and examples, and addressing opposing viewpoints.

PO6. Co-operation/Team work: Ability to work effectively and respectfully with diverse teams; facilitate cooperative or coordinated effort on the part of a group, and act together as a group or a team in the interests of a common cause and work efficiently as a member of a team.

PO7. Scientific Reasoning: Ability to analyze, interpret and draw conclusions from quantitative/qualitative data; and critically evaluate ideas, evidence and experiences from an open- minded and reasoned perspective

PO8. Information/digital Literacy: Capability to use ICT in a variety of learning situations, demonstrate ability to access, evaluate, and use a variety of relevant information sources; and use appropriate software for analysis of data.

PO9. Moral and Ethical awareness/reasoning: Ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives and use ethical practices in all work. Capable of demonstrating the ability to identify ethical issues related to one's work, avoid unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, not adhering to intellectual property rights; appreciating environmental and sustainability issues; and adopting objective, unbiased and truthful actions in all aspects of work.

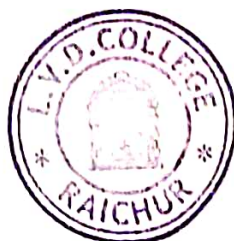
PO10. Leadership readiness/qualities: Capability for mapping out the tasks of a team or an organization and setting direction, formulating an inspiring vision, building a team who can help achieve the vision, motivating and inspiring team members to engage with that vision and using management skills to guide people to the right destination, in a smooth and efficient way.


PO11. Lifelong Learning: Ability to acquire knowledge and skills, including learning how to learn, "that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adopting to changing trades.

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Programme Outcomes

Bachelor of Arts (BA)

Subject Knowledge: Graduates should possess a comprehensive understanding of the core subjects within their chosen field of study, which may include subjects like Literature, History, Political Science, Economics, Sociology, Psychology, etc.

Critical Thinking: Students should be able to analyze, evaluate, and interpret information and ideas critically. They should develop the ability to identify assumptions, recognize biases, and construct well-reasoned arguments.

Effective Communication: Graduates should be proficient in expressing ideas and concepts clearly and coherently, both in written and verbal forms. They should be able to present their thoughts persuasively and tailor their communication for different audiences.

Cultural and Global Awareness: Graduates should have an understanding of various cultures, societies, and global issues. This awareness helps them appreciate diversity, adapt to different contexts, and engage in meaningful cross-cultural interactions.

Ethical and Social Responsibility: Students should develop a sense of ethical responsibility and social consciousness. They should be aware of their role in society, understand social issues, and contribute positively to their communities.

Interdisciplinary Perspective: Depending on the specialization or electives chosen, graduates should be able to synthesize knowledge from multiple disciplines and apply diverse approaches to problem-solving.

Adaptability and Lifelong Learning: Graduates should be equipped with the skills to adapt to changing circumstances and continue learning throughout their lives. This could involve learning new technologies, keeping up with evolving trends, and acquiring new knowledge as needed.

Teamwork and Collaboration: Students should be able to work effectively in teams, understand group dynamics, and contribute constructively to collective efforts. This skill is important for both professional and personal settings.

Creativity and Innovation: Graduates should foster a creative mindset and be open to innovative ideas. They should be able to think outside the box, propose new solutions, and explore unconventional approaches to challenges.

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Programme Outcomes

Bachelor of Computer Application (BCA)

PO1. Advanced Technical Knowledge: Graduates will demonstrate a deep understanding of the core principles, theories, and concepts in computer science, including algorithms, data structures, programming languages, operating systems, databases, and artificial intelligence.

PO2. Problem Solving and Critical Thinking: Graduates will possess strong analytical and problem-solving skills, allowing them to identify, analyze, and develop innovative solutions to complex computational problems.

PO3. Research and Innovation: Graduates will be equipped with the ability to conduct independent research, explore emerging technologies, and contribute to the advancement of computer science through innovative ideas and approaches.

PO4. Effective Communication: Graduates will be proficient in communicating complex technical concepts to both technical and non-technical audiences, through written reports, presentations, and effective collaboration.

PO5. Teamwork and Collaboration: Graduates will demonstrate the ability to work effectively in interdisciplinary teams, collaborating with individuals from diverse backgrounds to achieve common goals and solve complex problems.

PO6. Ethical and Professional Practices: Graduates will adhere to high ethical standards and demonstrate awareness of the social, legal, and ethical implications of computer science in order to make responsible decisions in their professional careers.

PO7. Lifelong Learning: Graduates will have a passion for continuous learning and self-improvement, keeping up-to-date with the latest advancements in computer science and adapting to evolving technologies throughout their careers.

PO8. Leadership and Management Skills: Graduates will possess the skills to lead and manage projects, teams, and resources effectively, demonstrating the ability to plan, organize, and execute complex computer science initiatives.

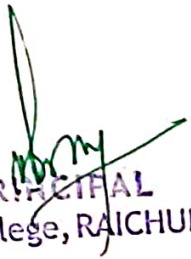
PO9. Entrepreneurial Mindset: Graduates will develop an entrepreneurial mindset, allowing them to identify opportunities, innovate, and apply computer science knowledge to create value in various domains, such as startups, industry, or research.

PO10. Global and Societal Awareness: Graduates will understand the global impact of computer science on society, recognizing the importance of diversity, inclusivity, and sustainability in technological advancements.


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Programme Outcomes

Master of Science (M.Sc.)

PO1. Advanced Technical Knowledge: Graduates will demonstrate a deep understanding of the core principles, theories, and concepts in computer science, including algorithms, data structures, programming languages, operating systems, databases, and artificial intelligence.

PO2. Problem Solving and Critical Thinking: Graduates will possess strong analytical and problem-solving skills, allowing them to identify, analyze, and develop innovative solutions to complex computational problems.

PO3. Research and Innovation: Graduates will be equipped with the ability to conduct independent research, explore emerging technologies, and contribute to the advancement of computer science through innovative ideas and approaches.

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