VAAGDEVI DEGREE AND PG COLLEGE

Autonomous College affiliated to Kakatiya University

Accredited with 'A' grade by NAAC

PROGRAMMES OUTCOMES

PO's of PG Courses

VAAGDEVI DEGREE & P.G COLLEGE

(Autonomous)

(Approved by A.I.C.T.E, NEW DELHI & Affiliated to Kakatiya University)
#2-2-457/A,Kishanpura,Hanamkonda-506001,Warangal,T.S.
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Programme Outcomes: PO's of PG Courses

(Chemistry, Physics, Maths, Computer science, Microbiology, Zoology, Food Science & Technology)

- **PO1.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.

- **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. Social Interaction:** Elicit views of others, mediate disagreements and help reach conclusions in group settings.

- **PO4. Effective Citizenship:** Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering

- **PO5. Ethics:** Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them. Manual for Affiliated/Constituent UG & PG Colleges NAAC for Quality and Excellence in Higher Education 175

- **PO6. Environment and Sustainability:** Understand the issues of environmental contexts and sustainable development.

- **PO7. Self-directed and Life-long Learning:** Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes

Program Specific Outcomes –M.Sc (Chemistry)

PSO1: Students will understand the basic concepts, fundamental principles, and the scientific theories related to various scientific phenomena and their relevancies in the day-to-day life. Students will find that every branch of science and technology is related to Chemistry.

PSO2: Viewing chemistry as a tool the developing mind and critical attitude and the faculty of logical reasoning that is prepared to serve in diverse fields. Students will gain a thorough Knowledge in the subject to be able to work in projects at different research as well as academic institutions.

DEPARTMENT OF BUSINESS MANAGEMENT (MBA)

Program Outcomes (PO'S)

PO1	Applyknowledgeofmanagementtheoriesandpracticestosolve BusinessProblems.
PO2	Foster analytical and critical thinking abilities for data based decision-making.
PO3	Ability to develop value based leadership ability.
PO4	Abilitytounderstandanalyzesandcommunicatesglobal,economic,legalandethical Aspects of Business.
PO5	Abilitytoleadthemselvesandothersintheachievementoforganizationalgoals, Contributing effectively to a team environment.
PO6	Ability to continuously learn and adapt to the dynamics of Business and Society.
PO7	Acquire entrepreneurial skills to establish and manage enterprises.

Department of Computer Science

MCA course: PROGRAMOUTCOMES

PO1:Computational Knowledge: Apply knowledge of computing fundamentals, computing specialization, mathematics, and domain knowledge appropriate for the computing specialization to the abstraction and conceptualization of computing models from defined problems and requirements.

PO2:Problem Analysis: Identify, formulate, research literature, and solve complex computing problems reaching substantiated conclusions using fundamental principles of mathematics, computing sciences, and relevant domain disciplines.

PO3:Design /Development of Solutions: Design and evaluate solutions for complex computing problems, and design and evaluate systems, components, or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.

PO4: Conduct investigations of complex Computing problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5:ModernToolUsage: Create,select,adaptandapplyappropriatetechniques,resources, and modern computing tools to complex computing activities, with an understanding of the limitations.

PO6:Professional Ethics: Understand and commit to professional ethics and cyber regulations, responsibilities, and norms of professional computing practices.

PO7: Life-long Learning: Recognize the need, and have the ability, to engage in independent learning for continual development as a computing professional.

PO8:Project management and finance: Demonstrate knowledge and understanding of the computing and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO9: Communication Efficacy: Communicate effectively with the computing community, and with society at large, about complex computing activities by being able to comprehend and write effective reports, design documentation, make effective presentations, and give and understand clear instructions.

PO10: Societal and Environmental Concern: Understand and assess societal, environmental, health, safety, legal, and cultural issues within local and global contexts, and the consequential responsibilities relevant to professional computing practices.

PO11: Individual and Team Work: Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary environments.

PO12: Innovation and Entrepreneurship: Identify a timely opportunity and using innovation to pursue that opportunity to create value and wealth for the betterment of the individual and society at large.