Department of Computer Science & Application (MCA) (NBA Accredited)

Vision

To develop the student's' skill to cope with the challenging industries expectations and to spring up the department to attain the international quality in the field of Education, Research & Development.

Mission

- To create a learning environment for enhancing skill
- To Place student in reputed organisation by reflecting their technical as well as soft skills.
- To make the students societal, sympathetic and progressive in upliftment of the mankind.
- To encourage students to have innovative, ideals that can be converted to feasible and implementable project.

Programme Educational Objectives (PEOs)

PEO 1: Excel in professional career and/or higher education by acquiring knowledge and skill in problem solving, analysis, programming and development.

PEO 2: Analyze real life problems, development of software appropriate to its solutions that are technically sound, economically feasible and industrially acceptable.

PEO 3: Exhibit professionalism, ethical attitude, communication skills, team work in their profession and adapt to current trends by engaging in lifelong learning.

PEO 4: Able to innovate programmatic, creative and economic solutions for real life problems with high degree of technical expertise and professional competency.

Program Outcomes (POs)

PO 1: Acquiring sufficient knowledge on fundamentals of computer sciences, applied mathematics and computational aspects and to apply the knowledge gained on laboratory experiments.

PO 2: Possessing good listening, reading, writing and spoken skills on technical English communications.

PO 3: Applying the communicative language skills and professional knowledge to earn job opportunities in leading organizations.

PO 4: Motivated with an interest to undergo higher studies in India or other countries.

PO 5: Ability to design, construct and test application oriented programs and projects related to IT industry.

PO 6: Developing skills to carry our experiments listed in syllabus and to implement individual/group project.

PO 7: Learning professional, managerial, ethical and environmental based principles to become good citizen of our nation.

PO 8: Ability to use computers for programming, simulation, documentation, calculation, slide presentation etc.

PO 9: Acquiring required broader knowledge on all other computer science disciplines.

PO 10: Flexibility to execute team work without any disparity based on gender, interdiscipline, etc.

PO 11: Presenting technical papers in the National / International Conferences journals, Workshops and Symposia.

About the Department

Department of Computer Science and Application was established in the year 1993, in College of Engineering and Technology, OUAT. The PGDCA program, under the department of Electrical Engineering from 1989 to 1992 was transformed into the MCA program and was bought under the CSA department. With an initial strength of 30 students, the department started in the year 1993. In the year 2002, College of Engineering and Technology was transferred from Orissa University of Agriculture and Technology (OUAT) to Biju Patnaik University of Technology (BPUT). In the past 22 years, the department has developed manifold to join the club of elite departments in the state. The very fact that only the top rankers of the OJEE are eligible to study in this department speaks tons about the importance of the department in the state educational scenario.

The department is committed to provide best quality knowledge in a lucid and less tiresome ways. The alumni of the department include software developers, bankers, academicians, entrepreneurs, and people from various other fields. The placement record of this department bears the testimony of its dedication and determination.