



KONGU ENGINEERING COLLEGE

(Autonomous)



SCHOOL OF COMPUTER TECHNOLOGY & APPLICATIONS DEPARTMENT OF COMPUTER APPLICATIONS



Vision

To become a technically competent center in the domain of Computer Applications to take care of the Global Needs.

Mission

Department of Computer Applications is committed to:

- G Mould the students into competent and creative technocrats to meet the growing global changes.
- G Impart value-based education to the students and enrich their knowledge.
- G Achieve an effective interaction between industry and institute for mutual benefits.
- G Establish an environment conducive for world-class research to contribute for long term benefits to the society through technical advancements

Highlights

- G Completed 5 Research Projects sanctioned by AICTE and UGC
- G Recognized Remote Center of IIT- Bombay and Kharagpur
- G Published Books and Papers in various reputed National and International journals
- G Continuously maintaining the Good Academic Results
- G Actively involved in Consultancy and Training Activities
- G Organized International and National Conferences
- G Secured University Ranks including Gold Medals
- G Organized Sponsored and Self Supporting Programmes on current topics
- G Continuous training and guidance in placement and competitive examinations
- G Sponsored Courses with Leading Industries

Courses Offered

M.C.A.(Master of Computer Applications)

P.h.D.,

Programme Educational Objectives (PEOs)

The graduates of Computer Applications will:

- G Develop intellectual excellence and creativity.
- G Provide adequate facilities for postgraduate study and research.
- G Improve utilization of the available resources.
- G Provides necessary strengths to enable the students to innovate and become entrepreneurs through technical advancement

Programmes Outcomes (POs)

- G Demonstrate the technical knowledge how in fields of Engineering, Humanities and Science
- G Demonstrate skills to use modern tools, softwares and equipments to analyze problems.
- G Implement the Creative and Problem Solving skills in various Real time problems
- G Design and develop Software to meet out the Customer Requirements
- G Designate as a Team member and render efficient skills to climb the hierarchy of an organization
- G Understand and dispatch his Professional and Ethical responsibilities
- G Develop the individual as Entrepreneur in the software fields as Software Programmer, Software Engineer, Software Architect, Software Developer etc.
- G Communicate effectively both in verbal and formal means
- G Able to participate and show their excellence in training and placement activities.
- G Pursue and embark a Career in Research
- G Exhibit skills for a continuous and lifelong learning

Milestones

- G 1993: MCA Programme started with an intake of 20
- G 1995: Increase of Intake to 30
- G 1998: Increase of Intake to 60
- G 2001: Accredited by NBA
- G 2007: Increase of Intake to 120
- G 2010: Recognized research Center for PhD Programme

Infrastructure Facilities:

G Smart Class Rooms

- Class Room: 06 (Equipped two classrooms with Multi Media Projectors)
- Tutorial Hall: 02 (Equipped one hall with Multi Media Projectors)

G Laboratory Details

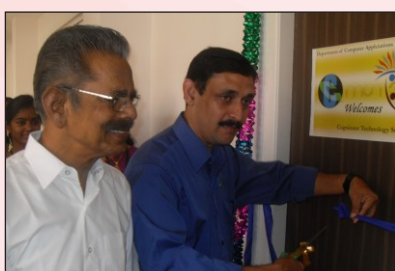
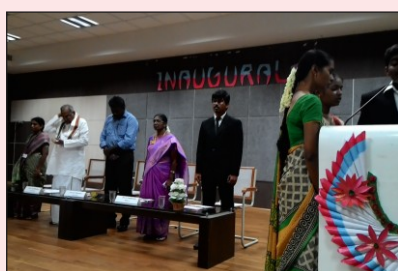
- Two Computer Centers with 122 machines with LAN connections.
- Research Laboratory with 23 Computers Sponsored by Cognizant Technology Solutions
- IIT Remote Center With A-View Facility
- 160 Mbps Internet Connectivity
- Equipped with Audio Mixer and Amplifiers

G Department Library

G Smart Board

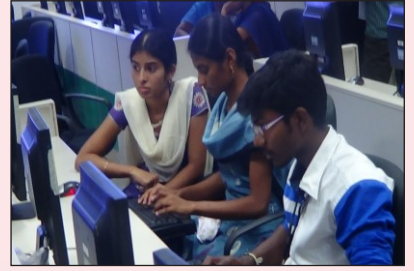
Human Resources

- Total No of Faculty : 17
- PhD : 02
- Pursuing Phd : 09
- With Master Degree : 17
- Non-Teaching Staff : 04



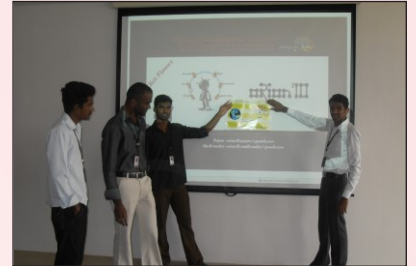
Areas of Faculty Expertise

- G Networking & Network Security
- G Data Mining and Machine Learning
- G Cloud Computing
- G Soft Computing
- G Grid Computing
- G Adhoc & Sensor Networks
- G Software Engineering
- G Image Processing
- G Distributed Computing
- G Natural Language Processing
- G Big-Data Analytics
- G Object Oriented Systems



Research Center

Free and Open Source Tools
Network Simulation Tools
Data mining Tools
Data Recovery
Grid and Cloud Simulation Tools
Software Testing Tools



Student Centric Activities and Achievements

Computer Applications association provides the opportunities for the students to interact with professionals of related fields. All the students of the department are the members of the Association. Notable activities of the association include Technical Symposium, Placement related Programme, Workshops, Seminars, Alumni Interactions, Hardware and Software Contest, Social Welfare awareness Programme and Entrepreneurship Programme. The Students are also members of the following Professional bodies, Clubs and Cells

- G ISTE
- G Cultural Club and Creative Club
- G Yi-YUVA
- G Self Development Club
- G Android Club

The Students Achievements are :

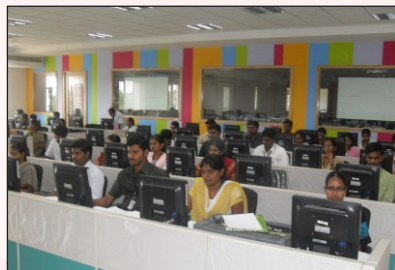
- G Completed Project for TNSCST
- G Presented an Innovative Project at INTEC
- G Placement in reputed MNCs



Consultancy Activities

- G Software Development
- G Website Designing
- G Data Recovery
- G Data mining and Analysis
- G Customized Training for industries, School Children and Police Personals (Office Automation, Internet, System Maintenance Etc.,)

Our Major Recruiters



DEPARTMENT OF COMPUTER APPLICATIONS KONGU ENGINEERING COLLEGE

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