2000

IARE

EDUCATION FOR LIBERATION

IARE

Institute of
Aeronautical Engineering

CSE

COMPUTER SCIENCE AND ENGINEERING

LIFE WOULD BE MUCH EASIER

IF I HAD THE SOURCE CODE

VISION & MISSION

VISION

The Vision of the department is to produce competent graduates suitable for industries and organizations at global level including research and development with Social responsibility.

MISSION

To provide an open environment to foster professional and personal growth with a strong theoretical and practical background having an emphasis on hardware and software development making the graduates industry ready with social ethics. Further the Department is to provide training and to partner with global entities in education and research

Program Educational Objectives
(PEOs)

PEO-I

Science knowledge Students will establish themselves as effective professionals by solving real time problems through the use of computer and with attention to team work, effective communication, critical thinking and problem solving skills

PEO-II

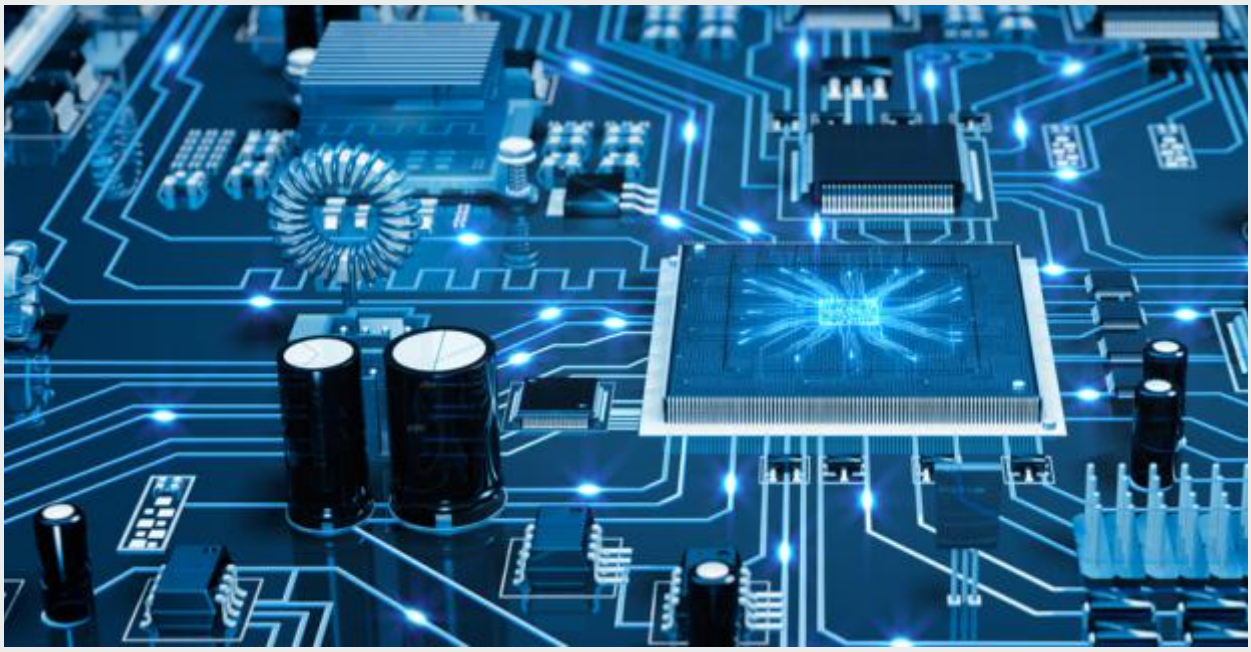
Students will develop professional skills that prepare them for immediate employment and for life-long learning in advanced areas of computer science and related fields.

PEO-III

Students will demonstrate their ability to adapt to a rapidly changing environment by having learned and applied new skills and new technologies.

PEO-IV

Students will be provided with an educational foundation that prepares them for excellence, leadership roles along diverse career paths with encouragement to Professional ethics and active participation needed for a successful career.



Program Outcomes **(POs)**

PO-I

Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO-II

Problem Analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO-III

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

PO-IV

Conduct Investigations of Complex 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.

PO-V

Modern Tool Usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO-VI

The Engineer and Society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO-VII

Environment and Sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO-VIII

Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO-IX

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

PO-X

Project Management and Finance: Demonstrate knowledge and understanding of the engineering 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.

PO-XI

Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO-XII

Life-Long Learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes **(PSOs)**

PSO-I

Professional Skills: The ability to understand, analyze and develop computer programs in the areas related to algorithms, system software, multimedia, web design, big data analytics, and networking for efficient design of computer-based systems of varying complexity.

PSO-III

Successful Career and Entrepreneurship: The ability to employ modern computer languages, environments, and platforms in creating innovative career paths to be an entrepreneur, and a zest for higher studies.

PSO-II

Problem-Solving Skills: The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.

About the **Department**

The Department of Computer Science and Engineering provides a supportive and challenging intellectual community at Institute of Aeronautical Engineering (IARE) and students are encouraged to develop independence, creativity, and excellence in their interesting areas.

Aim of the department is to produce versatile students making them ready to be employed in industry/Government Sector/Higher Education/Research & Development/Entrepreneurship from the day one and capable of cross-disciplinary collaboration and become a Centre of excellence in providing in-depth technical knowledge and opportunities for innovation and research with state-of-art computer facilities.

The Department of Computer Science and Engineering offers the following programs:

1. Bachelor of Technology (B.Tech.), Computer Science and Engineering (CSE)

This B.Tech Program started in the year 2001 with an intake of 40 and currently, it runs with an increased intake of 240.The B.Tech (Computer Science and Engineering) program has been accredited by the National Board of Accreditation (NBA) in 2008.

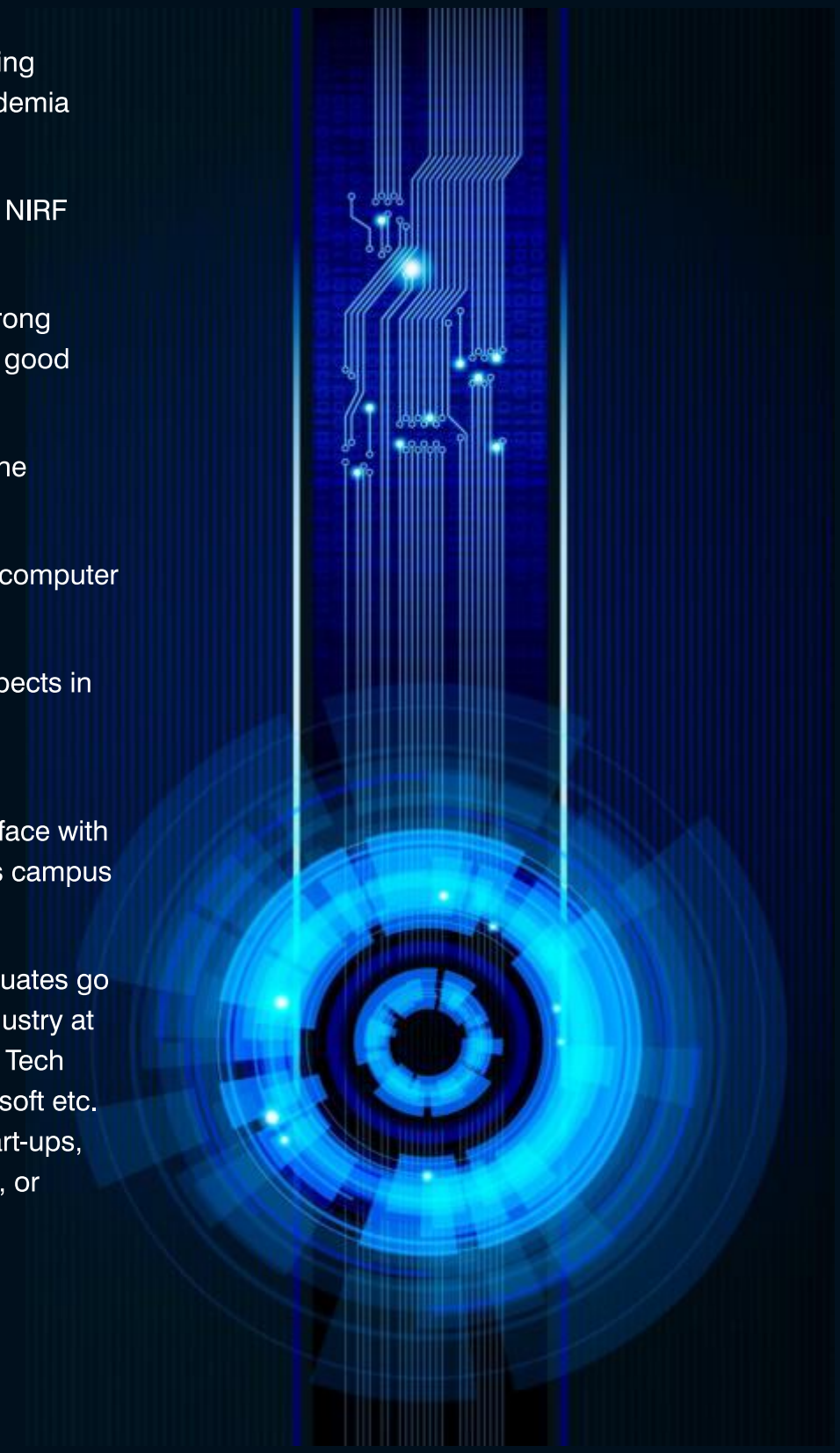
The B.Tech Program in Computer Science and Engineering imparts the fundamentals of Computer Science through a set of core courses. It also equips the student in his/her chosen specialization, through a set of electives. It is for duration of eight semesters spanning four years and includes general engineering education as well as core Computer Science education. Apart from the courses, the B.Tech curriculum has a final year dissertation. The course structure provides an optimal mix of compulsory and elective courses.

This B.Tech Program offers Full Semester Internship (FSI) carries 16 credits. During the FSI, student has to spend one full semester in an identified industry / firm / organization and has to carry out the internship as per the stipulated guidelines of the industry / firm organization and the institute.

2. Master of Technology (M.Tech.), Computer Science and Engineering (CSE)

This PG Program started in the year 2008 with an intake of 18 and currently, it runs with an increased intake of 36.The M.Tech Program in Computer Science and Engineering is a two year full time post-graduate program approved by the All India Council of Technical Education (AICTE) for the students who have a B.E / B.Tech in any branch of engineering. The course is offered by the department of Computer Science & Engineering by highly qualified and experienced teaching faculty.

Why to Study **Computer Science** and Engineering



- Preparing students for exciting careers in industry and academia
- Top quality teaching that is considered the best among NIRF Institutions
- Top quality research with strong international reputation and good funding
- Good number of Ph.Ds in the department
- State art of infrastructure in computer laboratories
- Excellent employment prospects in an expanding national and international job market

Department has Industry interface with leading companies like Infosys campus connect, IBM

The majority of our undergraduates go on to work in the computer industry at major companies like Infosys, Tech Mahindra, TCS, Google, Microsoft etc. while others get involved in start-ups, work for government agencies, or continue their higher studies

Program Structure and Curriculum

The Indian Higher Education Institutions (HEI's) are changing from the conventional course structure to Choice Based Credit System (CBCS) along with introduction to semester system at first year itself. The semester system helps in accelerating the teaching-learning process and enables vertical and horizontal mobility in learning.

The credit based semester system provides flexibility in designing curriculum and assigning credits based on the course content and hours of teaching. The choice based credit system provides a cafeteria type approach in which the students can take courses of their choice, learn at their own pace, undergo additional courses and acquire more than the required credits, and adopt an interdisciplinary approach to learning.

Choice Based Credit System (CBCS) is a flexible system of learning and provides choice for students to select from the prescribed elective courses. A course defines learning objectives and learning outcomes and comprises of lectures / tutorials / laboratory work / field work / project work / comprehensive Examination / seminars / assignments / alternative assessment tools / presentations / self-study etc. or a combination of some of these.

Under the CBCS, the requirement for awarding a degree is prescribed in terms of number of credits to be completed by the students.

The CBCS permits students to:

1. Choose electives from a wide range of elective courses offered by the departments.

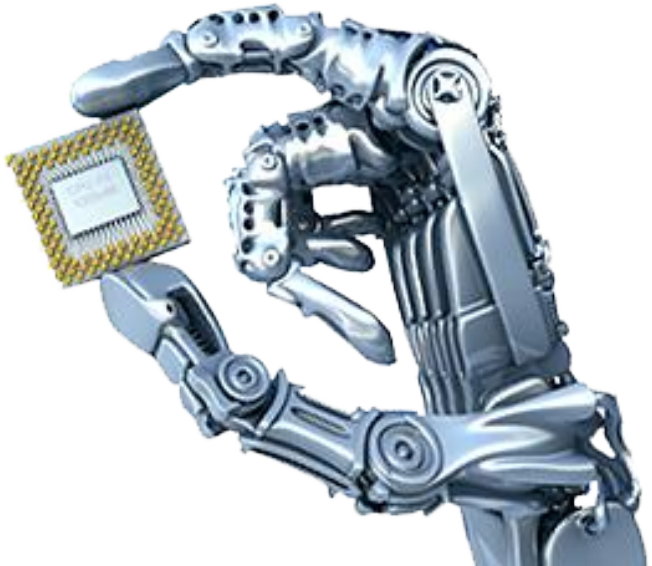
2. Undergo additional courses of interest.

3. Adopt an interdisciplinary approach in learning.

4. Make the best use of expertise of the available faculty.

Our curriculum lays intensive focus on:

Computer Programming, Data Structures, Design and Analysis of Algorithms, Database Management Systems, Computer Organization and Architecture, Object Oriented Programming, Microprocessor & Interfacing, Operating Systems, Computer Networks, Theory of Computation, Compiler Design, Software Engineering, Web Technologies, Object Oriented Analysis and Design, Optimization Techniques, Linux Internal, Data Warehousing & Data Mining, Cloud Computing, Software Testing Methodology, Information Security, Big Data and Business Analytics, and Machine Learning.



Laboratory Facilities

Computing resources in the department include several high end servers, server clusters, data storage systems and all of these are networked and connected to more than 450 desktop systems and workstations. Every student has full access to the Internet and adequate long-term storage space for maintaining program modules in the central repository. Other major equipment includes Oracle 11g, Rational Rose, Clementine, Informatica software's and research equipment like IoT supporting devices and CISCO infrastructure etc.

C PROGRAMMING AND DATA STRUCTURES LAB

This laboratory supports the general-purpose programming needs of students. It houses good number of computer systems to make a best practice in programming, which helps to master the practical design and applications of linear, tree, balanced tree, hashing, set and graph structures using C programming.

DATABASE MANAGEMENT SYSTEMS LAB

This Laboratory is equipped with modern systems to develop the knowledge about database design and implementation using Oracle. The servers provide the software required for laboratories. It facilitates the training and project needs of the students in the area of databases.

WEB TECHNOLOGIES LAB

Web Designing Lab helps you to take a step further with the exposure you need to the web of globalization. Website Development includes both designing (front end user interface) and code development (backend) including database management and dynamic functionality of website as per the user actions. Although we work with various tools/languages to achieve this functionality such as - ASP.NET, PHP, JSP but we primarily focus on .NET.

JAVA LAB

This lab is equipped with 60-networked PCs. The software used in this lab is Java, SQL server, and Oracle 11g. This Lab enables students to get familiar in object oriented, event driven and concurrent programming paradigms using JAVA programming concepts.

OPERATING SYSTEM LAB

The operating system laboratory is to provide the basic functionality on every computer that allows any type of application software to be run. For computer science students it is crucial to know and understand the principal concepts and mechanisms of operating systems. This understanding helps them to efficiently use programming languages to develop software built on top of the operating system.

CLOUD COMPUTING LAB

Cloud computing laboratory provides good infrastructure in which dynamically scalable and often-virtualized resources are provided as a service over the Internet. Cloud computing services usually provide common business applications on-line that are accessed from a web browser, while the software and data are stored on the servers.

COMPILER DESIGN LAB

Apart from providing a theoretical background, the aim of Compiler Design Lab is a thorough introduction to compiler design. The Student will be building several complete end-to-end compilers for successively more complex languages. He should know how a compiler works in some depth.

MOBILE APPLICATION DEVELOPMENT LAB

lab students will learn to design and develop mobile apps for iPhone, iPad, iPod and Touch devices. User experience design plays a large role in app develops, with most development decisions being informed by design decisions.

DATA WAREHOUSING AND DATA MINING LAB

Demonstrate the working of algorithms for data mining tasks such association rule mining, classification, clustering and regression, Exercise the data mining techniques with varied input values for different parameters. It facilitates the tools for understanding of data preprocessing and various data mining tasks.

Unique @ CSE (Training Programs)

--beyond the class work

Students take up special training to gain first-hand experience of the professional world.

• These training programs prepare the students industry ready. Students are being trained on latest technologies like Big Data – Hadoop, CISCO Academy, Data Analytics Using R Programming, Informatica, Internet of Things (IoT) with Arduino, SAP-ABAP.

Big Data – Hadoop

BIG DATA - HADOOP helps to apply practical skills and analytical knowledge to real time issues. Big Data refers to a huge volume of data, which is a collection of large datasets that cannot be processed using traditional computing techniques. Hadoop is an open-source framework that allows to store and process big data in a distributed environment across clusters of computers using simple programming models. It is designed to scale up from single servers to thousands of machines, each offering local computation and storage.

This course aims to train the students in Big Data – Hadoop. The goal is to accelerate the technology Big Data – Hadoop is growing across the world and this strong growth pattern translates into great opportunity for all the IT Professionals. This course builds students to become passionate about building successful career in Big Data- Hadoop.

CISCO Academy

As Enterprises migrate toward controller based architectures, the role and skills required of a core network engineer are evolving and more vital than ever. To prepare for this network transition, the Cisco Certified Network Associate (CCNA) Routing and Switching certification will not only prepare students with the knowledge of foundational technologies, but ensure to stay relevant with skill sets needed for the adoption of next generation technologies.

The role and skills required of a core network engineer are evolving significantly as enterprise networks encounter increased business demands and technology advancements. To meet these challenges, skilled CSE professionals are needed with up-to-date, networking skills. For individuals looking to build and validate CISCO networking fundamentals, the CISCO CCNA Routing and Switching program focuses on foundational IP networking skills required to deploy, operate and troubleshoot network layers 1-3. It introduces awareness of programmable networks i.e. Software Defined Networking (SDN), Virtual Private Network (VPN) technologies, adoption of IPv6, virtualized and cloud services, along with knowledge of Quality of Service (QoS) concepts and the ability to ensure critical traffic is being properly prioritized.

Data Analytics using R Programming

R is statistical programming used for data analytics and data visualization. With over 2 million users worldwide R is rapidly becoming the leading programming language in statistics and data science. Every year, the number of R users grows by 40% and an increasing number of organizations are using it in their day-to-day activities. The knowledge on this course accelerates the students to use R programming to explore variety of data from a variety of sources by building data models and generating charts, graphs, and other data representations. As data intensive applications are emerging more, there is good demand for people having R language skills in the industries. With the knowledge gained in this course, student will be ready to undertake his first own data analysis.

Informatica

Informatica helps to apply practical skills and analytical knowledge to real time issues. The Extract, Transform, and Load (ETL) is a three-stage process in database usage and data warehousing. It enables integration and analysis of the data stored in different databases and heterogeneous formats. After it is collected from multiple sources (extraction), the data is reformatted and cleansed for operational needs (transformation). Finally, it is loaded into a target database, data warehouse or a data mart to be analyzed.

In most of the Data Integration or Data Warehousing projects, the amount of time spent in enforcing business data domain rules and/or business data integrity rules could be as high as 80 percent of the total time and enforcement of such rules normally happens through Data Transformations.

Internet of Things (IoT) with Arduino

Internet of Things (IoT) is simply the network of interconnected things/devices which are embedded with sensors, software, network connectivity and necessary electronics that enables them to collect and exchange data making them responsive. More than a concept Internet of Things is essentially an architectural framework which allows integration and data exchange between the physical world and computer systems over existing network infrastructure. It gives the student an immense confidence to change the world and the way we understand it. Arduino senses the environment by receiving inputs from add-on devices such as sensors, and can control the world around it by adjusting lights, motors, and other actuators.

In this course student will learn how and when to use the different types of sensors and how to connect them to the Arduino. Since the external world uses continuous or analog signals and the hardware is digital so the student will learn how these signals are converted back-and-forth and how this must be considered as we program the device. Students will also learn about the use of Arduino-specific shields and the shields software libraries to interface with the real world. They will discover fundamental concepts of cloud computing, sensor reading and connecting the Arduino to the Internet, using both wired and wireless interfaces and Android phones, able to use the most popular open platforms for managing sensor data from the Arduino, how to trigger actuators remotely, and how to reprogram Arduino using cloud services.

SAP-ABAP

Advanced Business Application Programming (ABAP) is a fourth-generation programming language, used for development and customization purposes in the Systems, Applications and Products (SAP) software. Currently positioned along with Java, as the main language for SAP application server programming, most of the programs are executed under the control of the run-time system.

ABAP is the programming language used to develop applications in SAP. It is a programming language developed by SAP which is a German company that develops Enterprise Resource Planning (ERP) systems. These systems are used by companies to track all information related to the business integrating finance, sales, materials data etc. ABAP/4 is the programming language used for the development of thousands of tiny embedded programs called transactions that make up the application.SAP is very flexible; it can be used for specific business functions rather than the whole enterprise and can be modified for the company's specific needs. Every SAP installation has its own specific configuration and set of functions. SAP is industry specific software and comes with a lot of predefined applications and configurations. SAP also provides lots of customizing options, if any of the applications provided by SAP does not meet company specific requirements.

How to get
SUCCESS IN CSE..??

--Enter To Learn and Leave To Achieve

Look around you! You see many projects and companies involving modern technologies. Computer engineers together with other disciplines, make these aspects of everyday life possible. Be a part of it!

As aComputer Engineer must have creative solutions to problems while working on wide range of local and global projects.

Career oppurtuities
AND PLACEMENTS

The career opportunities for computer science graduates can be classified into seven categories: programming and software development, information systems operation and management, telecommunications and networking, computer science research, web and Internet, graphics and multimedia, training and support, and computer industry specialists. Highest numbers of CSE students are placed in the following leading companies

Scope of Employment

On the successful completion of the program, Job opportunities are available for CSE Graduates in Government as well as Private sector. Graduates may look at the following profiles:

- Software Engineer / Programmer
- Web Developer/Administrator
- Network Administrator
- Database Administrator
- Information Architect
- Information Technology Manager
- Content Manager
- System Analyst
- Technology Coordinator
- Business Analyst
- Social Media Manager
- System Engineer
- Digital Media Manager
- Hardware Engineer
- Project Manager
- Support Specialist
- Chief Technology Officer
- Tester
- Information Technology Director
- Network Programmer
- Chief Information Officer

OUTSET OF THE STUDENT AS A COMPUTER ENGINEER AT IARE…

- Highly flexible and broad based curriculum provides diversified education experiences.
- Transform students into a well-rounded thinking graduate, stepped in fundamentals and ableto interpret knowledge from diverse disciplines.
- Provides a good balance of engineering skills and knowledge that are applicable to many industries.

TECHNICAL FESTS AND PROJECT EXPOS IN THE DEPARTMENT

--Exposure to the Talent

INTER COLLEGE TECH FESTCONSORTIUM:

The annual technical fest of Computer Science and Engineering department CONSORTIUM was organized on April, 2017. In this monotonous biological clock of students, fests show certain degree of fluctuations in the excitement level of students. As the festive season slowly marches closer and closer with time every student can taste the sweet scent of hard work with incessant practices to win the victory title. We provide platform to the young minds organizing certain events like

- Technical quiz
- Power point presentation.
- LAN Gaming
- Code Sprint
- Poster Presentation
- General Quiz
- Treasure Hunt
- Just A Minute

METE Project EXPO:

IARE sponsors a few competitions with the aim to encourage students to be involved in a profession that is crucial to ensure a sustainable future for our technology. It provides a platform where young minds come together to share knowledge and wide the horizon of their own technical knowledge and skill

Technical Events
@ CSE Department

Computer Engineers Technical Association (CETA) is a students' body for conducting career developing, interpersonal and intrapersonal skills of students. It organizes Seminars, Quiz Programmes, Industrial Visits, Paper Contests, Group Discussions, Guest Lectures, Career Guidance, Games etc under its auspices. Student Chapters of IEEE, ACM, CSI and ISTE conduct events round the year, keeping students busy with beyond-the-classroom activities..

WORKSHOPS AND SEMINARS

--proficiency through practice

In IARE the proficiency of the students is increased by conducting the following programmer.

- Awareness program on "Programming pedagogy"
- Workshop on "Data Analytics"
- Workshop on "Machine Learning"
- Workshop on "Android Operating Systems and Mobile Applications Development."
- Guest Lectures and Seminars on Latest Technologies in the field of Information Technology.

METE Project EXPO

IARE sponsors few competitions with the aim to encourage students to be involved in a profession that is crucial to ensure a sustainable future for our technology. It provides a platform where young minds come together to share knowledge and wide the horizon of their own technical knowledge and skills.

Objective:

The objective of conducting this event is to encourage students to develop basic working models related to electrical engineering applications in process of "Learning by Doing" mechanism. We have proposed some projects based on designing of transformers, motors, switch boards, series and parallel connection of sources and also projects based on solar. We have also encouraged students show up their innovative ideas by discovering new projects.

RESEARCH AND DEVELOPMENT

- IARE accords pivotal status to research and development in pursuit of excellence.
- The institute plays a vital role in diverse facets of research and development addressing the needs of the nation and contributing to global development.
- Its distinguished cutting edge research is reflected in the research projects funded by national and international organizations and industries.
- The synergy of academics and research has catapult IARE into the illustrious circle of world-class institutions.

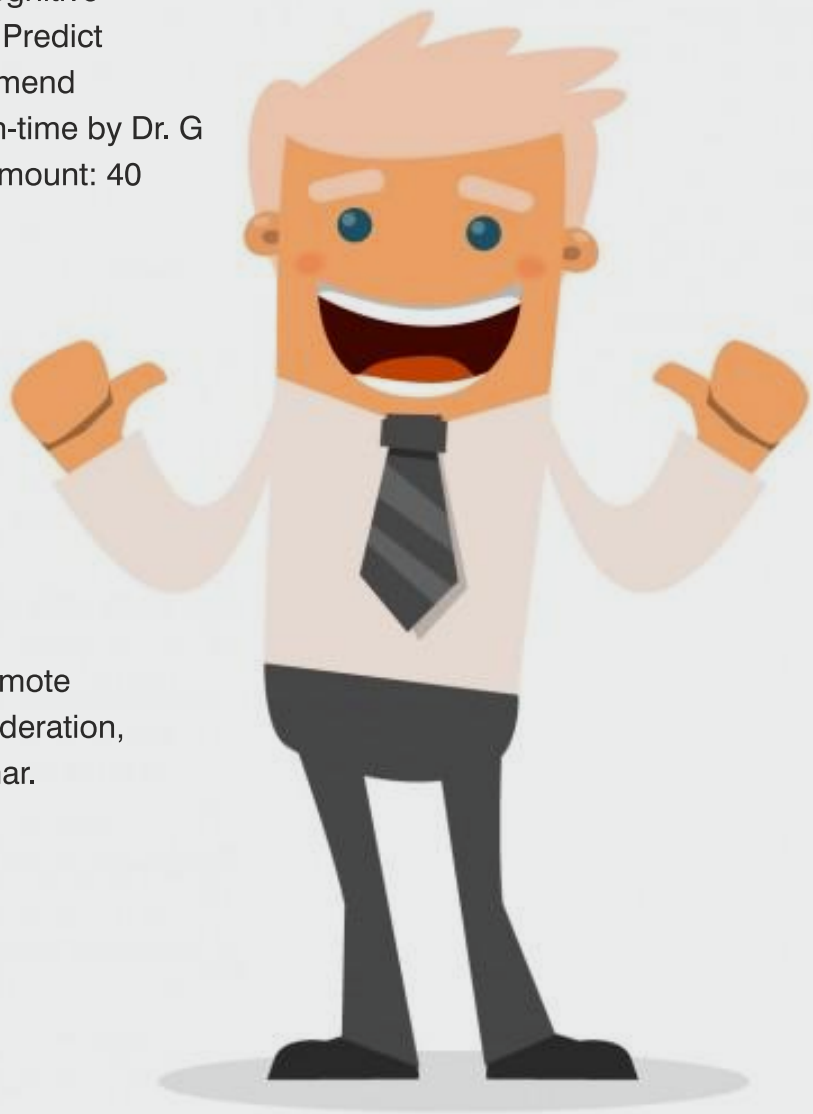
Funded Projects:

1. Effective Social Intelligent System for Big Data Sentiment Analysis by Dr. K Rajendra Prasad. (SERB-ECR, Funded Amount: 37.5 Lakhs)

2. Precision Medicine using Cognitive Computing (PMCC): A Tool to Predict Chronic Diseases and Recommend Personalized Treatment Just-in-time by Dr. G Ramu. (SERB-ECR, Funded Amount: 40 Lakhs)

3. Expert System for Enhancement of Railway Services using Data Analytics through Social IoT by Dr. M Madhu Bala. (DST, Funded Amount: 63 Lakhs)

4. Novel Approach To Improve Classification Accuracy Of Remote Sensing Images (Under Consideration, SERB-ECR) by Dr. N Rajasekhar.



EMINENT PROFESSORS

Dr. K. Rajendra Prasad

Professor & Head

Dr. K Rajendra Prasad is a professor and head of CSE. He received B.Tech degree in CSE from JNT University, Hyderabad; M.Tech degree in CSE from VTU, Belgaum; Ph.D in CSE from JNT University, Anantapur. He has 14 years of indispensable experience in teaching. Previously he served as a member in Board of Studies where he was actively involved in TEQIP work. He has published 15 papers in various international conferences and 8 papers in reputed journals. He is a member of CSI, IEEE professional societies. His major research interests are Data Mining, Pattern Recognition and Speech Processing.

Dr. L V Narasimha Prasad is the Principal and professor of CSE. He received his B.Tech degree in Electronics and Communication Engineering from Andhra University, Vizag; M.Tech degree in Engineering Systems from Dayalbagh Educational Institute (Deemed University), Agra and PhD degree from Sri Venkateswara University College of Engineering, Tirupati.

In his two decades of teaching career, Prof. Prasad held several academic and administrative positions, catalyzed and brought in transformational changes in the engineering education space wherever he worked. As a devout researcher, he presented and published 38 research papers in reputed national/international conferences and journals. He has authored 4 books and has 3 patents to his credit.

Dr. Myneni Madhu Bala obtained her Ph. D in Computer Science and Engineering from JNTUH on image mining.She has teaching, industry and research experience for over 20 years. She is presently holding a position as professorof CSE and Dean (R&D).Her Research areas are Big Data Analytics and Data Models. She published 25 research articles in International journals and International conferences

Dr. J Sirisha Devi working as Associate Professor in Compouter Science and Engineering Department, Institue of Aeronautical Engineering, Hyderabad. I completed B. Tech in Computer Science and Engineering from VRSEC, Vijayawada, Gold Medalist in M. Tech, Computer Science and Technology from GITAM University. I was awarded Doctorate in Computer Science and Technology from GITAM University in the year 2016. I started my career as Software Tester in Cerulean Information Technology Pvt Ltd. for two years. Later, shifted to teaching and as of now I have ten years of teaching experience. Published my research work in 14 international journals/ conferences. Working vigorously to increase cross-disciplinary research collaborations. Aims to train PG students towards new problem statements and motivate them to publish their art-of- work.

Dr. Gandikota Ramu is currently working as a Associate Professor in the department of CSE. He received his B.Tech degree in Information Technology in 2009 and M.Tech degree in Computer Science from JNT University Anantapur in 2011. He is awaiting conferment of doctoral degree from JNTUA. He has published nearly 10 research papers. His major interests are the security issues in cloud computing and Big Data.

Dr. K. Suvarchala is a Professor in the Department of Computer Science & Engineering. In her 25 years of experience she held many academic and administrative positions. She received M.Sc.(Applied Mathematics) and M.Phil (Design concepts of Fuzzy relational databases) from Sri Venkateswara University , Tirupati . She obtained M.Tech.(computer Science) from Jawaharalal Technological university, Hyderabad. She received her Ph.D. in Database Management Systems from Sri Venkateswara University, Tirupati. She presented/published 12 papers in reputed national/international conferences and journals. Her research areas of interest are Data bases, Data Mining, Big Data analytics and Neural Networks.

EMINENT PROFESSORS

Dr. N.Rajasekhar is a professor in the department of Computer Science & Engineering. He received his B.Tech degree in Mechanical Engineering from Sri Venkateswara University, Tirupati; M.Tech degree in Computer Science and Engineering from Bharath University, Chennai (Deemed University) and Ph.D. in Computer Science & Engineering from Acharya Nagarjuna University, Guntur. He has 11 years of teaching experience. He has published 8 papers in various international conferences and 5 papers in reputed journals. He is a life member of ISTE and IAENG professional societies. His major research interests are Data Mining, Machine Learning and Image Processing.

Y. MOHANA ROOPA received Bachelor's of Technology degree from Sri Venkateswara University, Tirupati. Master's of Technology degree in Computer Science and Engineering from JNTU, Hyderabad and Ph.D at JNTUA, Anantapur. She has 17 years of experience in teaching and research and taught for bachelor and master degree courses. She has guided more than 15 M.Tech scholars. Her area of interest includes Software Engineering, Software Architecture, data mining, cloud computing, Internet of Things. She has published 15 papers in various national and international conferences and 25 papers in various international journals. She is a life member of IACSIT, UACEE and IAENG professional societies.

Dr. R.Obulakonda Reddy received Bachelor's degree in Computer Science and Engineering from Sri Krishnadevaraya University, Anantapur , Master's of Technology degree in Computer Science and Engineering from JNTUH and Ph.D, at JNTUA, Anantapur. He has having 10 years of experience in teaching and research and taught for bachelor and master degree courses. My area of interest includes Pattern Recognition, Image Analysis, cloud computing, Network Systems, Software Architecture. I attended many conferences, workshops and communicated papers to reputed National and International journals.

Faculty

Assistant Professors

Mr. N V Krishna Rao, M.Tech, (Ph.D)
Mr. E. Krishna Rao Patro, M.Tech
Mr. G Chandra Sekhar, M.Tech
Ms. K Radhika, M.Tech
Ms. S Swarajya Laxmi, M.Tech
Ms. N Jayanthi, M.Tech, (Ph.D)
Ms. S J Sowjanya, M.Tech
Mr. Anand Thota, M.Tech
Mr. P Ravinder, M.Tech
Ms. G Geetha, M.Tech
Ms. E Uma Sankari, M.Tech
Ms. T Ramya, M.Tech
Mr. K Chiranjeevi, M.Tech
Mr. N Rajasekhar, M.Tech
Ms. M Geetha Yadav, M.Tech
Ms. A Madhuri, M.Tech
Ms. K Sudha Deepthi, M.Tech
Ms. V Divyavani, M.Tech
Mr. CH Srikanth, M.Tech
Ms. K Mayuri, M.Tech
Mr. Y Subba Rayudu, M.Tech
Ms. B Ramyasree, M.Tech
Mr. Santhosh Patil, M.Tech
Ms G Nishwitha, M.Tech
Ms. N M Deepika, M.Tech
Ms. A Sowjanya, M.Tech
Ms. N Mamatha, M.Tech
Mr. D Abdulla, M.Tech
Ms. K Rashmi, M.Tech
Ms. G Sulakshna, M.Tech
Mr. M Rakesh, M.Tech
Ms. Siva Swetha Reddy, M.Tech
Mr. P Aditya Sharma, M.Tech
Mr. A V Srinivas, M.Tech
Ms. J Hareesha, M.Tech
Ms. N Shalini, M.Tech
Ms. A Jayanthi, M.Tech
Ms. C Mamatha Devi, M.Tech
Ms. B Tejaswi, M.Tech
Ms. M Sandhya Rani, M.Tech
Ms. Geethavani B, M.Tech
Mr. E Lingappa, M.Tech
Mr. P Sunil Kumar, M.Tech
Mr. S Lakshman Kumar, M.Tech
Mr. P Anjaiah, M.Tech
Mrs. G Vasavi, M.Tech, (Ph.D)
Ms. B Jaya Vijaya, M.Tech
Mr. C Raghavendra, M.Tech, (Ph.D)
Mr. C Praveen Kumar, M.Tech
Mr. J. Tirupathi, M.Tech
Mr. N.Poorna Chandra Rao, M.Tech

Funded Projects

1. Effective Social Intelligent System for Big Data Sentiment Analysis by Dr. K Rajendra Prasad.

2. Precision Medicine using Cognitive Computing (PMCC): A Tool to Predict Chronic Diseases and Recommend Personalized Treatment Just-in-time by Dr. G Ramu.

3. Expert System for Enhancement of Railway Services using Data Analytics through Social IoT (Under Proposal) by Dr. M Madhu Bala.

4. Novel Approach To Improve Classification Accuracy Of Remote Sensing Images (Under Proposal) by Dr. N Rajasekhar.

Students Achievements

Several students from 2nd year participated in aerodynamics 2012 conducted by Mallareddy Engg college & bagged all the prizes in all the events.

CONTACT

Dr. K Rajendra Prasad

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Institute of Aeronautical Engineering

(Autonomous)

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