

தமிழ்நாடு மத்தியப்
பல்கலைக்கழகம்



CENTRAL
UNIVERSITY OF
TAMIL NADU

तमिलनाडु केन्द्रीय
विश्वविद्यालय

ESTABLISHED BY AN ACT OF PARLIAMENT IN 2009

DEPARTMENT OF COMPUTER SCIENCE

HOSHIYAR

RECRUITMENT BROCHURE



CENTRAL UNIVERSITY OF
TAMIL NADU

2018 - 2020

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ALAN TURING ADVANCED COMPUTING LAB



DENNIS RITCHIE ADVANCED COMPUTING LAB



About Us

The Department of Computer Science is one among the science departments of this University that offers M.Sc., M.Phil., and Ph.D. Among this M.Sc Computer Science has an emphasis on software development, in particular when applied to solving problems in other disciplines. It is a full time four semester program spread over two years started from the academic year 2016 – 2017. The program provides a solid theoretical foundation through high quality teaching complemented by extensive practical learning. The programme includes a minor project in the 3rd semester and a major project in the 4th semester. In that, the course allows the students to specialize in the areas of their interests. It is committed to impart quality education in all fields of IT, a field growing in leaps and bounds. In addition to that students get a chance to apply the skills that they have learned by completing a substantial research and development project.

Vision

To create the most conducive environment for quality academic and research oriented postgraduate education in computer science and prepare the students for a globalised technological society and orient them towards serving the society.

Mission

- To impart high quality professional training at the postgraduate level with an emphasis on basic principles of computer science.
- To establish nationally and internationally recognized research centres and expose the students to broad research experience.
- To impart moral and ethical values, and interpersonal skills to the students.
- To empower the students with the required skills to solve the complex technological problems of modern society and also provide them with a framework for promoting collaborative and multidisciplinary activities.

Thrust Areas

- Big Data Analytics *
- Cryptography *
- Artificial Intelligence *
- Natural Language Processing *
- Text Mining *
- Internet of Things *
- Business Intelligence and Evolutionary Computation *
- Network Security *
- Information Security *
- Steganography *



Message from Head of the Dept.



Dr. P. Thiyagarajan
Head In - Charge and Placement Coordinator
Department of Computer Science
Central University of Tamil Nadu.
Email: thiyagu@cutn.ac.in



Dear recruiters,

I consider it to be an honour and opportunity to present to you a group of young, dynamic individuals who have been groomed to face challenges that lie ahead for them in the industry and corporate world as a whole.

This is an era of technological innovations. The modern educational world is reverberating with waves of innovation all around the world. Keeping this in mind we seek to open frontiers of knowledge and reveal new horizons of change and thereby create positive attitude in the young minds of this generation. Our students get a lot of exposures through industrial visits and projects. Mock Tests, Workshops and Invited Special Lectures on relevant areas in Computer Science are conducted regularly to keep them updated with latest trends, to enhance their employability skills and prepare students to face the dynamic Information Technology Industries.

I am confident that these twenty enthusiastic and deserving students from Department of Computer Science can impart enormous value to your organizations. I whole heartedly endorse their potential and capacity in delivering as shall be expected, as useful contributors to organizational functioning. We cordially invite you to associate with us in the recruitment process.

I look forward to welcoming you on the campus as my guests.

Happy Recruiting!

With best regards,

Dr. P. Thiyagarajan

COMPREHENSIVE CURRICULUM

CUTN is one among the prestigious Central Universities which offers a 2-year Master's Program in COMPUTER SCIENCE and in this aspect CUTN stands unique compared to any other universities since the amendment of the syllabus and all are well versed under a superior team of BOARD OF STUDIES, along with this the students are given opportunities to grasp knowledge from all other departments in the campus which make the students flexible in all relevant subjects as per with current times. Despite being started a few years back the department have set its mark in the university with the various activities and the students here are molded in a way to compete and to set the flags in the industry and are able to meet the changing needs of organizations in a vast variety of ways.

COURSES

Semester 1

Discreate Mathametics
Data structures & Algorithms
Computer Organisation
Database Management System
Python Programming

Semester 2

Operationg System
Networks
Software Engineering
Web Technology
Theory of Computation

Semester 3

Networks & System Security
Data Science & Data Analytics
Advance Programing(Java)
Internet of Things(Elective-1)
Software Testing(Elective-2)
Mini Project

Semester 4

Web Services
Distributed Computing
Elective -3
Main project

List Of Electives

Machine Learning
Mobile App Development
Artificial Intelligence

FACULTY

PROFILE



Dr.P.Thiyagarajan

Email : thiyagu@cutn.ac.in

Research Interest :

- ~ Threshold Cryptography
- ~ Information Security
- ~ Network Security
- ~ Steganography
- ~ Big Data Analytics
- ~ Security aspects in smart cities



Dr.K.Nandhini

Email : nandhinikumares@cutn.ac.in

Research Interest :

- ~ Text Mining
- ~ Evaluating Algorithms
- ~ Machine Learning
- ~ Data Mining



Dr.R.Saranya

Email : saranya@cutn.ac.in

Research Interest :

- ~ Networks
- ~ Cyber Security
- ~ Software Engineering
- ~ Internet of Things



Dr.A.Martin

Email : martin@cutn.ac.in

Research Interest :

- ~ Business Intelligence
- ~ Big Data, Social Networks & Analytics
- ~ Computing Technologies and Architecture
- ~ Multi Criteria Decision Making
- ~ Multi Criteria Reporting for Banking and Farmers

STUDENTS

PROFILE

Ahalya K

UG : Bsc...(c.s)
DOB : 18-02-1998
Mob : 8903619725

Email : ahalyakannan98@gmail.com

PROJECTS:

DBMS : Student Management System
OS : Shortest Job First Algorithm
Networks : Simulation of instant messaging in peer to peer
Web technology : MedicalManagement System
Software Engineering: OnlineCampus Selection System
IOT : Assesive technology for blind people for object detection using Arduino
Mini Project : Developing a mobile application for fish sale's



Akesh ES

UG : Bsc...(Physics)
DOB : 22-12-1995
Mob : 9446527020

Email : akeshesjyothi223@gmail.com

PROJECTS:

DBMS : Railway Reservation System
OS : Shortest Job First Algorithm
Networks : Simulation of instant messaging in peer to peer
Web Technology : Online Quiz System
Software Engineering : Uber Booking System
IOT : Smart Irrigation System using Arduino
Mini Project : Cluster Analysis



Annamma Chacko

UG : Bsc...(physics)
DOB : 01-07-1996
Mob : 8547954953

Email : annjc01@gmail.com

PROJECTS:

DBMS : Railway Reservation System
OS : Priority Scheduling
Networks : File Transfer using FTP
Web technology : Online Examination System
Software engineering : Online Railway Reservation System
IOT : Detection of abnormal pulse rate
Mini Project : Implementation of Decentralized Document Version Control using Ethereum Blockchain & IPFS



Arjun Raj VS

UG : Bsc...(c.s)
DOB : 29-03-1997
Mob : 7025678915

Email : arjunr.rajvs@gmail.com

PROJECTS:

DBMS : Student Management System
OS : Shortest Job First Algorithm
Networks : Simulation of DVR
Web technology : Online Examination System
Software engineering : Online Food Delivery System
IOT : Density Based Traffic Control System using Arduino
Mini Project : IPL Prediction using Random Forest Classifier



Arun Kumar S

UG : BCA..
DOB : 18-06-1998
Mob : 8124069337

Email : arunkumar239519@gmail.com

PROJECTS:

DBMS : Hotel management system
OS : First come first serve
Networks : Simulation of instant messaging in peer to peer
Web technology : Bus reservation system of AP
Software engineering : Social networking
IOT : Vehicle Tracking using GPS Module with Arduino
Mini Project : Diabetic Prediction using logistic Regression



STUDENTS

PROFILE

Athulya P

UG : Bsc...(c.s)
DOB : 14-06-1998
Mob : 9207153952

Email : athulyapalora@gmail.com

PROJECTS:

DBMS : Railway reservation system
OS : First come first serve
Networks : Simulation of SMTP
Web technology : Social networking System
Software engineering : Cargo Shipping Management System
IOT : Detection of abnormal pulse rate using Arduino
Mini Project : Diabetics Prediction Using Machine Learning



Bhupathi Dhananjay

UG : Bsc...(Chemistry)
DOB : 11-07-1998
Mob : 8008340089

Email : dhanubhupathi841@gmail.com

PROJECTS:

DBMS : Banking information system
OS : Priority based scheduling
Networks : Simulation of instant messaging in peer to peer
Web technology : Social networking system
Software engineering : Library management system
IOT : Assistive technology for Blind people to detect objects
Mini Project : Soil Moisture Test Using Arduino



Siva Prasad Chelluri

UG : Bsc...(c.s)
DOB : 13-02-1997
Mob : 9550531453

Email : imustbeideal01@gmail.com

PROJECTS:

DBMS : Hotel management system
OS : Priority based scheduling
Networks : TCP chat
Web technology : Medical store management
Software engineering : WhatsApp chat
IOT : Vehicle tracking using GPS module with Arduino
Mini Project : Identification of nearby places using Location based services



Gangapatha Mounika

UG: Bsc...(c.s)
DOB : 03-07-1998
Mob : 9381120991

Email : mouni.gvm@gmail.com

PROJECTS:

DBMS : Train ticket reservation system
OS : Shortest job first
Networks : Simulation of DVR protocol
Web technology : Library management system
Software engineering : Bus reservation system of AP
IOT : Assistive technology for Blind people to detect objects
Mini Project : Sentimental Analysis on Movie reviews for finding Popularity of an actor



Kadali Sai Kalyan

UG : Bsc...(c.s)
DOB : 07-02-1998
Mob : 7032560020

Email : saikalyankadali@gmail.com

PROJECTS:

DBMS : Banking Information System
OS : First Come First Serve
Networks : File Transfer using FTP
Web Technology : Online Quiz System
Software engineering : Online Shopping Portal
IOT : Density Based Traffic Signal Control System Using Arduino
Mini Project : Implementation of Decentralized, Transparent & Trustless Voting on The Ethereum Blockchain



STUDENTS

PROFILE

Kavya P

UG : Bsc...(c.s)
DOB : 12-01-1997
Mob : 9048702931



Email : kavyaprabakaran97@gmail.com

PROJECTS:

DBMS : Railway reservation system
OS : Round Robin scheduling algorithm
Networks : MultiClient Chat
Web technology : Library management system
Software engineering : Online Kerala RTO management system
IOT : Vehicle Tracking using GPS module with Arduino
Mini Project : An Energy efficient routing protocol in wireless sensor network

Manimaran T

UG : Bsc...(c.s)
DOB : 01-06-1998
Mob : 8940022071



Email : tjmanimaran97@gmail.com

PROJECTS:

DBMS : Banking information system
OS : First come First Serve
Networks : File transferring using FTP
Web technology : Hospital management System
Software engineering : Airway management system
IOT : Density based Traffic control system using Arduino
Mini Project : Text tagging and statistics

Munawwar K V

UG : BCA..
DOB : 06-05-1998
Mob : 8136908198



Email : munumunawwar8198@gmail.com

PROJECTS:

DBMS : Hotel Management System
OS : Round Robin scheduling algorithm
Networks : Multi Client Chat
Web technology : Online Quiz System
Software engineering : Online Matrimonial Site
IOT : Smart irrigation System using Arduino
Mini Project : Localization of WSN

Mthukumar S

UG : Bsc...(c.s)
DOB : 09-07-1998
Mob : 6382755191



Email : robinmdm7@gmail.com

PROJECTS:

DBMS : Hotel Management System
OS : Priority Scheduling Algorithm
Networks : Simulation of DVR Algorithm
Web technology : Online Counselling System
Software engineering : Hospital Management System
IOT : Smart irrigation System using Arduino
Mini Project : Sonar Frequency Prediction

Pasupathi P

UG : Bsc...(c.s)
DOB : 21-05-1998
Mob : 8270285029



Email : arunkumar239519@gmail.com

PROJECTS:

DBMS : Hotel management system
OS : Shortest job first
Networks : File transferring using FTP
Web technology : Hospital management System
Software engineering : Hotel management system
IOT : Assesive technology for blind people for detecting objects
Mini Project : Online shopping portal

STUDENTS

PROFILE

Priyanga R

UG : Bsc...(c.s)
DOB : 20-02-1997
Mob : 8637478300

Email : ingupriya@gmail.com

PROJECTS:

DBMS : Student management system
OS : Priority based scheduling
Networks : Multiclient chat
Web technology : Library management system
Software engineering : Medical management system
IOT : Density based Traffic control system using Arduino
Mini Project : Implementation of Hierarchical Clustering Algorithm for Customer Dataset



Swetha Pavithran

UG : Bsc...(c.s)
DOB : 06-03-1998
Mob : 9400754293

Email : swethapavithran2014@gmail.com

PROJECTS:

DBMS : Banking information system
OS : Priority based scheduling
Networks : Simulation of SMTP
Web technology : NSS website
Software engineering : School management system
IOT : Vehicle Tracking using GPS Module with Arduino
Mini Project : Health Insurance claim prediction



Urathi Hemant Kumar

UG : Bsc...(c.s)
DOB : 10-11-1997
Mob : 7093015336

Email : sangeethakumar877@gmail.com

PROJECTS:

DBMS : Student attendance management system
OS : Project on Round Robin Scheduling algorithm
Networks : Project on SMTP
Software engineering : Project on Telephone Network
IOT : Detection of abnormal pulse rate using Arduino
MINI project : Implementation of simple supply chain on Ethereum Blockchain



Vignesh M

UG: Bsc...(c.s)
DOB : 12-03-1998
Mob : 8248830912

Email : mkprvignesh@gmail.com

PROJECTS:

DBMS : Student Management System
OS : Round Robin scheduling algorithm
Networks : Multiclient chat
Web technology : Online Quiz System
Software engineering : Mobile Banking
IOT : Detection of Abnormal Pulse Rate Using Arduino
MINI project : Creating Block chain & Transaction



Chanukya Reddy Y

UG : BCA...
DOB : 25-01-1997
Mob : 9492562527

Email : chanukyareddy2527@gmail.com

PROJECTS:

DBMS : School Management System
OS : Priority based scheduling
Networks : Client-Server Communication by Using TCP
Web technology : Online Ticket reservation System
Software engineering : Make My Trip
IOT : Smart irrigation system using Arduino
Mini Project : Credit card Fraud detection using Machine Learning





Department of Computer Science

Central University of Tamil Nadu

Thiruvarur, Tamil Nadu - 610 005

Contact :

Dr. P. Thiyagarajan
Head In-Charge and Placement Coordinator
Department of Computer Science
Central University of Tamil Nadu,
Thiruvarur.

Cell: 94885 84015 / 98412 34510

Email: thiyagu@cutn.ac.in