NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE

(ACCREDITED BY NAAC | ISO 9001-2015 CERTIFIED)

PAMPADY, THIRUVILWAMALA, THRISSUR, KERALA-680 588

Since 1968

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

BROCHURE

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ABOUT DEPARTMENT

The Department of Computer Science and Engineering was established in the year 2002 with the mission to educate students from all over India, including those from rural areas, so that they become enlightened individuals, improving living standard for their family, industry and society. Our college is accredited by NAAC and the department features all the standard of the accreditation. One of the most sought after courses amongst engineering students, Computer Science and Engineering (CSE) is an academic programme which integrates the field of Computer Engineering and Computer Science. The Department emphasizes close interactions between the students and the faculty members who are dedicated to education and actively engaged in participation that enriches the educational programs. INFOSYS CAMPUS CONNECT PROGRAM is one among the prominent industrial relation program maintained for last few years. Department has MoUs with different companies and various Industry Interaction activities.

CAREER SCOPE

Students who are studying the Computer Science and Engineering can take a career path according to their interest. The partial list is shown here:

- Software Developer
- Database Administrator
- Data Scientist
- AI Developer
- Computer Hardware Engineer
- Computer Network Architect
- Information Security Analyst
- Computer and Information Research Scientists
- Cyber-security consultant
- Web Developer
- Games developer/App Developer

COURSES WE OFFER

- B.Tech in Computer Science and Engineering (4years)
- M.Tech in Computer Science and Engineering (2years)
- M.Tech in Cyber Security (2 years)

CERTIFIED ADD-ON COURSES AND OTHER COACHING CLASSES

Along with the courses in academic, we provide certified add-on courses to students on those subjects that have more importance in the current IT industry. These courses are provided to make our students mould themselves to reuirements in the industry.

- Python Programming
- Web Technology
- Internet Marketting
- 3D Animation
- Mobile Operating Systems
- Gate Coaching
- Competitive Exams Coaching

OUR SHINNING STARS

KTU TOPPERS

S8 TOPPERS

SNEHA T (NCE16CS104)
SGPA: 10.0

SIVARAJAN M (NCE16CS103)
SGPA: 9.83

SREELAKSHMI GIRISAN
(NCE16CS108)
SGPA: 9.75

DEEPTHIDAS R (NCE16CS041)
SGPA: 9.75

S6 TOPPERS

LEENU MATHEW (NCE17CS016)
SGPA: 10.0

SHINU (NCE17CS024)
SGPA: 9.22

AFSEENA A (NCE17CS002)
SGPA: 9.04

S4 TOPPERS

MANASA K S (NCE18CS030)
SGPA: 9.87

K PRAVEENA (NCE18CS027)
SGPA: 9.83

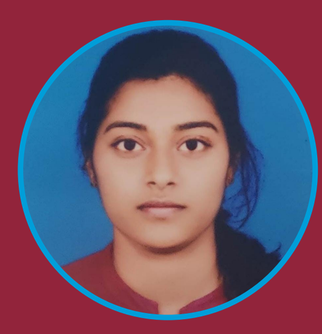
RANJITH R (NCE18CS038)
SGPA: 8.96

SANDRA N P (NCE18CS041)
SGPA: 8.96

S2 TOPPERS

P SYAMALA KRISHNA PRIYA
NCE19CS057
SGPA: 10.0

P T ERICKMON
NCE19CS058
SGPA: 9.57



AMRUTHA P
NCE19CS012
SGPA: 9.24

OUR RECRUITERS AND PLACEMENTS

AMAZON	2
ATOS	1
BYJUS	2
BIBOX	5
CAPEGEMINI	1
CHEGG INDIA	8
CSS CORP	3
CTS	10
FACE	1
FOCUS EDUMATICS	35
GLOW TOUCH	1
HINDUJA GLOBAL	2
IBS	5
INFOSYS	6
MIND TREE	1
OBJECTWINN & TMLSLLC	1
POORNAM INFOVISION	2
RELIANCE JIO	1
ROBERT BOSCH	1
SPERIDIAN	3
TCS	12
UST GLOBAL	10
WIPRO	8
ZERO ONE	1

OUR SHINNING STARS

KTU RANK HOLDER

SNEHA T (NCE16CS104) secured **10th rank** in KTU University in the 2016-2020 batch with 9.50 CGPA

GOOGLE REWARD

SHAFEEQ RAHMAN (NCE16CS099) was rewarded with an amount of 2000 dollars by Google for identifying vulnerability in Gmail.

SIXTH PRIZE IN PROJECT COMPETITION PROCOMM COMMUNICATION PROJECT

AARATHI P, ANAND M of 1st year CSE along with students of Mechatronics department secured 6th prize for their project titled " CODE 4-VYUH: A Blockchain Based Secured Communication Framework for EVMS" in project competition "PROCOMM-Communication Project" organized by IEEE ComSoc Kerala Chapter.

SMART INDIA HACKATHON 2020

Students of current 8th semester Akshay Sankar, Deepika R, Goutham Gopinath, Sanmayanand Krishna, Shibila S, Vishnu S have participated in Smart India Hackathon 2020 and they were shortlisted to final round. They have presented their innovative idea to build a highly secured database with the simplest user interface. User interface is made simple so that the public can use it for their ease.

SANITIZER DISPENSER TO FIGHT AGAINST COVID 19

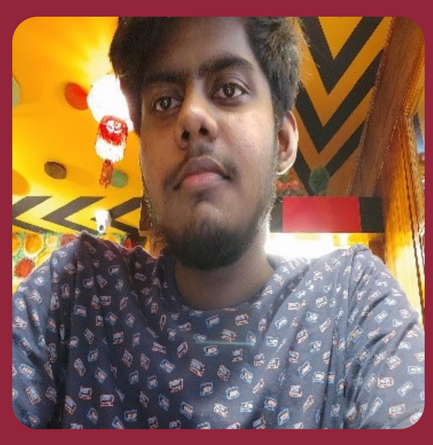
When the COVID 19 pandemic strike in the world Vishnu Mohanan of S6 CSE and his friends developed a automatic sanitizer dispenser at low cost and donated it to Pazhayannur panchayat situated in our home town on August 20th, 2020 in the presence of Honorable Panchayat President .

OUR SHINNING STARS

👉 PERFORMANCE IN DOORDARSHAN KOZHIKODE

ANAND M of 1st year CSE was part of the performance of traditional art form KANIYARKALI which was telecasted in Doordarshan, Kozhikode.

Link: https://youtu.be/jhyU5zjFoRo



👉 NCC B-GRADE CERTIFICATES

Our final semester student Divya P and sixth semester students Anjali E, Anju Anto, Arathi Chandrabose, Navaneeth P, Sandra N P, Shybi Varghese and Sneha S secured B-grade certificates of NCC. They all belong to 23 Kerala Battalion NCC.

👉 ARTS/SPORTS

Our students are very much part of the sports and cultural activities of our college and have grabbed so many prizes in those events. Our cultural fest Bloom is one of the top rated events in Kerala with the level of standard it possess.

LABS: THE HOME OF CODING

The department has well equipped and maintained Air Conditioned Laboratories powered with efficiently configured computers that are equipped with various software's and other tools relevant for the syllabus. Internet, Wi-Fi, and Laboratory facilities are available for staff and students round the clock. We are facilitated with all the programming languages like Python, C, C++, Java, HTML, PHP, etc. and also tools like digital forensic and cyber security related ones that are provided under the five labs namely Advanced System Software Lab, Advance Computing Lab, CASIT Lab, Web Technology Lab, Computing Lab and Cyber Security Lab along with the Net Lab that students use for their project and seminar related works. As per the syllabus of the university these labs function as:

- C Programming Lab
- Data Structures Lab
- Free and Open Source Software Lab
- Network Programming Lab
- System Software Lab
- Application Software Development Lab
- Compiler Lab
- Project Lab
- Object-Oriented Programming Lab
- Systems Lab
- IOT lab

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