KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

Opp : Yerragattu Gutta, Hasanparthy (Mandal), WARANGAL - 506015, TELANGANA, INDIA

काकतीय प्रौद्योगिकी एवं विज्ञान संस्थान, वरंगल - ५०६०१५, तेलंगाना, भारत

కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల్ – ౫౦౬౦౧౫ తెలంగాణ, భారతదేశము

Estd: 1980
KITSW

(An Autonomous Institute under Kakatiya University, Warangal)
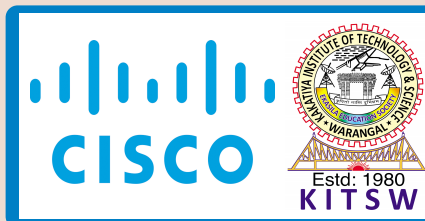*(Approved by AICTE, New Delhi; Recognised by UGC under 2(f) & 12(B); Sponsored by EKASILA EDUCATION SOCIETY)*

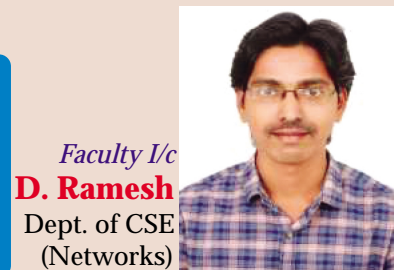website: www.kitsw.ac.in   E-mail: principal@kitsw.ac.in   : +91 9392055211, +91 7382564888

CISCO - CENTRE OF EXCELLENCE

Vision:
To inculcate networking skills to meet the current and future needs of the industry.

Mission:
To enrich young minds with intellectual, technical, and practical skills for serving the fast-growing industry.

Faculty I/c
D. Ramesh
Dept. of CSE
(Networks)

Objectives / Functions:

The key objectives of the center are to:

1. To train the students on CISCO technologies as per the Cisco Networking Academy stipulated curriculum.
2. Make the students ready to take up CISCO certification exams.
3. Conduct online CISCO CCNA-RS certification exams through netacad.com.
4. Help the students to understand networking technologies in a practical way.
5. Train faculty members on CISCO technologies, and thereby improve their practical knowledge on networking concepts.
6. Conduct FDPs / Workshops / Seminars for the benefit of faculty and students

No. of activities conducted:

2019-20	2020-21	2021-22	2022-23	2023-24
01	04	04	04	03

Highlights of Major Activities:

Course Training:
Professional networking course training "CCNA - Routing & Switching"

Internships:
AICTE-CISCO internships: (1)Cybersecurity (2)Networking

Placements:
CISCO Ideathon, a national level internship cum placement drive organized by CISCO.

Achievements/Awards:
KITSW bagged National level 2nd place in Cyber security Virtual Internship Programme 2021, a national level internship programme jointly organized by CISCO-AICTE-NASSCOM

D. Ramesh, I/C Faculty & Instructor CISCO Center of Excellence KITSW got Best instructor award for training students in Cybersecurity Virtual internship programme 2021

CISCO Instructor conferences attended:

D. Ramesh, I/C Faculty & Instructor CISCO CoE KITSW, attended CISCO NetAcad India conference held at Bengaluru on 28,29-January-2020

D. Ramesh, I/C Faculty & Instructor CISCO CoE KITSW, attended CISCO NetAcad India conference held at Bengaluru on 27-March-2023

D. Ramesh, I/C Faculty & Instructor CISCO CoE KITSW, attended CISCO NetAcad India conference held at Bengaluru on 01-March-2024

CISCO NetAcad Conference, Bnglr. 27-Feb-2023

CISCO India instructor Conference, Bengaluru. 01-Mar-2024

STUDENT ACHIEVEMENTS

A. HEMANTH (B17CS058)
Internship + Placement (14LPA)
CISCO Ideathon-2020

V. GANESH (B18CS062)   **A. JANITH (B18CS144)**
Internship + Placement (15LPA)
CISCO Ideathon-2021

P. SHOBHANA (B19CN003)   **V. SUPRIYA (B19CN025)**   **P. ABHIGNYA (B19CN014)**
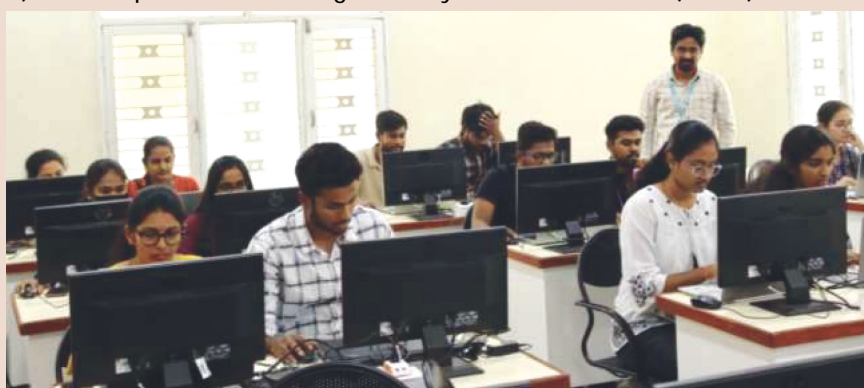Internship + Placement (17LPA)
CISCO Ideathon-2022

G. RISHITHA (B20CS073)
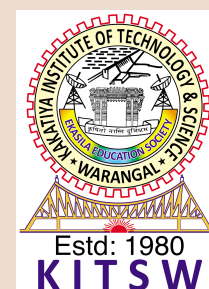Internship + Placement (17LPA)
CISCO Ideathon-2023

Best Practice:

Students Obtain CCNA-RS Certifications from Cisco Networking Academy for the following modules:

1) Introduction to Networks (ITN)
2) Switching Routing and Wireless Essentials (SRWE)
3) Enterprise Networking Security and Automation (ENSA)

Students at CCNA Training session, CISCO CoE, ACN-LAB, Block-7, KITSW

OUTCOMES:

By the end of the CCNA course training, students will be able to:

• Explain network technologies, how devices access local and remote network resources.
• Explain how switching operates in a small to medium-sized business network.
• Design an IP addressing scheme to provide network connectivity for a small to medium-sized business network.
• Implement basic network connectivity between devices.
• Configure monitoring tools available for small to medium-sized business networks.
• Determine how a router will forward traffic based on the contents of a routing table
• Use monitoring tools and network management protocols to troubleshoot data networks.
• Configure initial settings on a network device, Ethernet switch ports.
• Implement VLANs, static routing, DHCP, NAT, ACLs to filter traffic.