ISO 9001:2015 AICTE-CII: GOLD Category Institute NAAC-'A' Grade Institute (CGPA: 3.21) NIRF-2021 Rank : 197

KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

Opp : Yerragattu Gutta, Hasanparthy (Mandal), WARANGAL - 506 015, Telangana, INDIA.

काकतीय प्रैद्योगिकी एवं विज्ञान संस्थान, वरंगल - ५०६ ०१५ तेलंगाना, भारत

కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల్ - ౫౦౬ ౦౧౫ 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

Department of

Computer Science & Engineering (Networks)

WELCOME to NAAC Peer Team

(18th March, 2024)

Presented by:

Dr. Soora Narasimha Reddy

Associate Professor & Head,

Department of Computer Science & Engineering(N)

KITS, Warangal

Dept. of Computer Science & Engineering (Networks):

Vision:

Attaining centre of excellence status in various fields of Computer Science and Engineering (Networks) by offering worthfull education, training and research to improve quality of software services for ever growing needs of the industry and society.

Dept. of Computer Science & Engineering (Networks):

Mission:

- **Practice qualitative approach and standards to provide students better understanding and profound knowledge in the fundamentals and concepts of computer science with its allied disciplines.**
- **Motivate students in continuous learning to enhance their technical, communicational, and managerial skills to make them competent and cope with the latest trends, technologies, and improvements in computer science to have a successful career with professional ethics.**
- **Involve students to analyze, design and experiment with contemporary research problems in computer science to impact socio-economic, political and environmental aspects of the globe.**

Dept. of Computer Science & Engineering (Networks):

Programmes offered:

1. **Computer Science & Engineering (AIML)**
2. **Computer Science & Engineering (Networks)**
3. **Computer Science & Engineering (IoT)**
4. **Computer Science & Engineering (Data Science)**

Accreditation status: No

All are new programmes. CSE (Networks) completed 1 batch whereas CSE (AIML), CSE (IoT) students are in final year and CSE (DS) students are in 1st year

Dept. of Computer Science & Engineering (Networks):

B.Tech - CSE (Networks): PROGRAM OUTCOMES (POs)

PROGRAM OUTCOMES (POs)	The under graduates of COMPUTER SCIENCE & ENGINEERING(NETWORKS) will be able to...	
PO1	Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.	Engineering knowledge
PO2	Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.	Problem analysis
PO3	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.	Design/development of solutions
PO4	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	Conduct investigations of complex problems
PO5	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	Modern tool usage

Dept. of Computer Science & Engineering (Networks):

B.Tech - CSE (Networks): PROGRAM OUTCOMES (POs) Cont...

PROGRAM OUTCOMES (POs)	The under graduates of COMPUTER SCIENCE & ENGINEERING(NETWORKS) will be able to...	
PO6	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.	The engineer and society:
PO7	Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.	Environment and sustainability
PO8	Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.	Ethics
PO9	Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.	Individual and team work
PO10	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.	Communication
PO11	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	Project management and finance
PO12	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.	Life-long learning

Dept. of Computer Science & Engineering (Networks):

B.Tech - CSE (Networks): PROGRAM SPECIFIC OUTCOMES (PSOs)

PROGRAM SPECIFIC OUTCOMES (PSOs)	**Within first few years after graduation, the COMPUTER SCIENCE AND ENGINEERING(Networks) graduates will be able to …**
PSO1 **Software Development and Quality assurance**	apply the fundamental knowledge of computer science and engineering in developing effective software for real world complex engineering problems adapting advanced technologies
PSO2 **Maintenance**	design computer networks protocols and configure solutions for various network applications using contemporary hardware and software tools
PSO3 **Immediate professional practice**	implement effective securities standards and investigate efficiency of existing security measures by continuous adaptation of latest updates in cyber security domains

Dept. of Computer Science & Engineering (Networks):

B.Tech - CSE (Networks): PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)	Within first few years after graduation, the COMPUTER SCIENCE AND ENGINEERING (NETWORKS)graduates will be able to …
PEO1 Technical Expertise	apply the fundamental knowledge of the core courses of computer science and networks for developing the effective software and network technology solutions
PEO2 Successful Career	excel in profession, higher education and entrepreneurship with updated technologies in software, computer networks and security based domains
PEO3 Soft Skills and Life Long Learning	exhibit professional ethics, effective communication and team work in solving engineering problems by adapting contemporary research towards sustainable development of society

Dept. of Computer Science & Engineering (Networks):

Head of the Department: Dr. Soora Narasimha Reddy, Associate Professor & Head

Academic Coordinator: Dr. V. Swathy, Associate Professor

No. of faculty: 39

No. of faculty with PhD: 11

No. of faculty pursuing PhD: 11

No. of faculty with ME/M.Tech.: 17

No. of technical & supporting staff: 04+02 = 06

Dept. of Computer Science & Engineering (Networks):

List of labs:

- **Machine Learning Laboratory-I**
- **Machine Learning Laboratory-II**
- **Computer Vision & Image Processing Laboratory-I**
- **Computer Vision & Image Processing Laboratory-II**
- **Advanced Computer Networks Laboratory-I**
- **Advanced Computer Networks Laboratory-I**
- **Industrial IoT Laboratory**

Software:
Windows 11 Operating System, Dev-C++, Jdk1.8,
Python (Anaconda), oracle10g, Android Studio,
XAMP, MS-Office, Adobe PDF Reader

Hardware:
SMART GREEN HOUSE
MULTI MCU
WHEATHER STATION
GAS STATION
STM32
ETS IOT KIT

Research & education centers: 03

Machine Learning Laboratory, Advanced Computer Networks Laboratory, & Industrial Internet of Things (IIoT) Laboratories

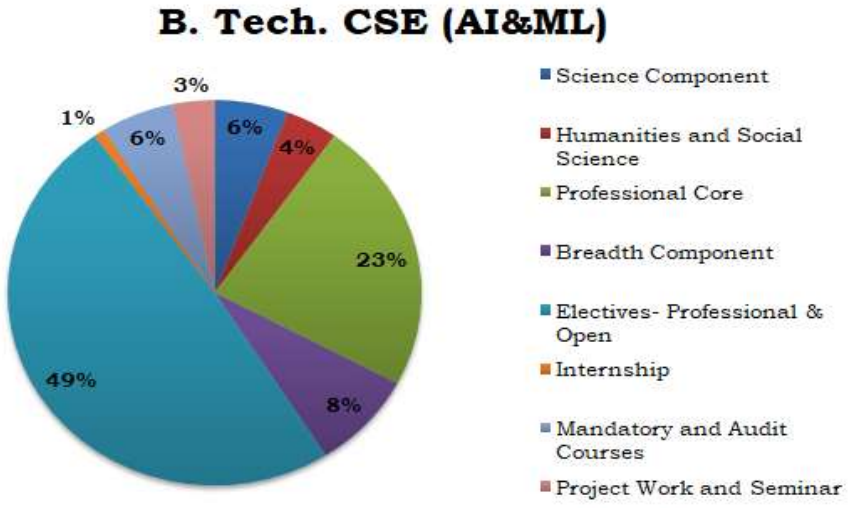
Dept. of Computer Science & Engineering (Networks):

Criterion 1 - Curricular Aspects

Curricula is developed and revised on regular basis, based on inputs from the following:

1. **Feedback from stakeholders - to meet local requirements**
2. **Inputs from industry experts (In & abroad) - to meet industry & global developmental needs**
3. **Suggestions from academicians of reputed institutions - to meet regional & global need**

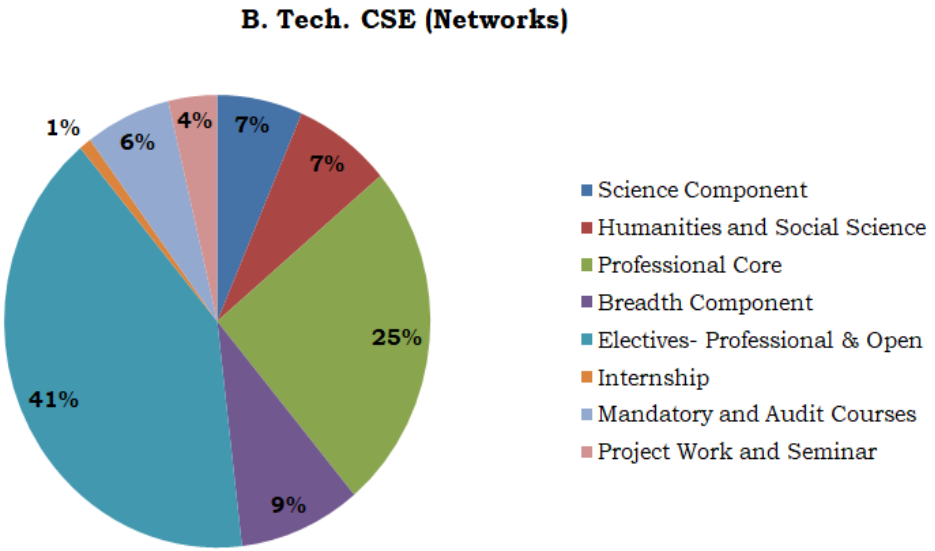
Components in Curriculum: B. Tech. CSE (AI&ML)	
Science Component	07
Humanities & Social Science	05
Professional Core	28
Breadth Component	10
Electives - Professional & Open electives	60
Internship	01
Mandatory & Audit courses	07
Project work & Seminar	04



Dept. of Computer Science & Engineering (Networks):

Criterion 1 - Curricular Aspects

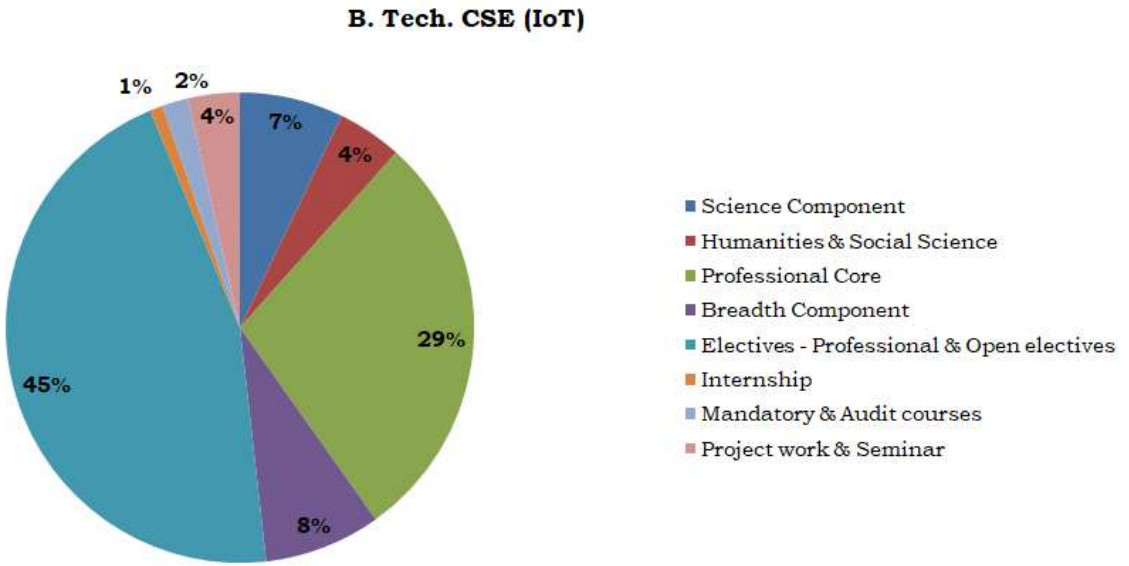
Components in Curriculum: B. Tech.CSE (Networks)	
Science Component	07
Humanities & Social Science	08
Professional Core	27
Breadth Component	10
Electives - Professional & Open electives	44
Internship	01
Mandatory & Audit courses	07
Project work & Seminar	04



Dept. of Computer Science & Engineering (Networks):

Criterion 1 - Curricular Aspects

Components in Curriculum: B. Tech. CSE (IoT)	
Science Component	08
Humanities & Social Science	05
Professional Core	32
Breadth Component	09
Electives - Professional & Open electives	51
Internship	01
Mandatory & Audit courses	02
Project work & Seminar	04



Dept. of Computer Science & Engineering (Networks):

Criterion 1 - Curricular Aspects

Curricula Summary: B. Tech. CSE (AI&ML), CSE (Networks) and CSE (IoT)

No. of courses offered : 112

New courses introduced : Nil

Value added courses : 13

Dept. of Computer Science & Engineering (Networks):

Criterion 2 - Teaching-learning and Evaluation

Teaching-Learning Process:

- **Class work as per Almanac**
- **Sharing Outcome Based Lecture Schedule (OBLS)**
- **Prior sharing of course material with outcomes - CDTs, SLTs**
- **Participative Learning through special Assignments in the form of Course Research Paper & Course Patent Paper**
- **Peer learning through Programme based Assignments**
- **Continuous internal assessment through Minor exams, Mid Semester exams, Assignments & Special Assignments**
- **Flip-classes through Tutorials followed as per tutorial matrix**
- **Course committee meetings**

Dept. of Computer Science & Engineering (Networks):

Criterion 2 - Teaching-learning and Evaluation

Programmes conducted to cater the differential learning needs of the students:

For Slow learners:

- **Remedial Classes, Tutorials, Class Discussion Materials, Question Bank**

For active learners:

- **Course Patent papers and Course Research Papers – Each course 1CP and 1CRP**
- **Project to paper publications – 02+05+01= 08**
- **MOOCs certifications – 241+92+02=335**
- **Honors degree - Nil**
- **Minor degree - Nil**
- **Participation in hackathons - 12**

Dept. of Computer Science & Engineering (Networks):

Criterion 2 - Teaching-learning and Evaluation

- **Effective Mentor-Mentee (Counsellor-Counselee) System:**

Procedure -

- ➔ Counsel the students every week during Meet Your Counsellor slot
- ➔ The faculty member who acts as counsellor maintains a Counselling record book for each counselee in which personal details of the students including their address, contact numbers, overall academic performance and progress is regularly updated.
- ➔ Monitor the attendance and marks in college management software(CMS), counsel, guide, and motivate the students in all academic matters.

Dept. of Computer Science & Engineering (Networks):

Criterion 2 - Teaching-learning and Evaluation

- **CO-PO Attainment Calculation**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
Target Values	**2.0**	**2.1**	**2.1**	**1.8**	**1.7**	**1.3**	**1.3**	**1.3**	**1.3**	**1.2**	**1.3**	**1.6**	**1.9**	**1.6**	**1.9**
Direct Attainment (DA)	1.0	1.1	1.0	0.9	0.5	0.2	0.2	0.4	0.5	0.6	0.2	1.0	1.1	0.8	1.0
Indirect Attainment (IA)	2.3	2.3	2.1	2.1	2.2	2.2	2.3	2.5	2.5	2.2	2.1	2.3	2.1	2.3	2.0
80% of DA	0.8	0.9	0.8	0.7	0.4	0.2	0.1	0.3	0.4	0.4	0.2	0.8	0.8	0.7	0.8
20% of IA	0.5	0.5	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.5	0.4	0.5	0.4
Achieved Attainment	**1.3**	**1.4**	**1.2**	**1.2**	**0.8**	**0.6**	**0.6**	**0.8**	**0.9**	**0.9**	**0.6**	**1.2**	**1.3**	**1.1**	**1.2**

Dept. of Computer Science & Engineering (Networks):

Criterion 2 - Teaching-learning and Evaluation

- **CO-PO Attainment Calculation procedure**

1. **Target Attainments Calculation:**
   a) Create a Course Articulation Matrix (CAM table) for every course with target attainments for each Course Outcome (CO) mapped to each Program Outcome (PO).
   b) Calculate the average attainment for each PO from the CAM table for each course to obtain the final target attainments for a program.
2. **Division of CO-PO Attainments:**
   a) Direct Attainment
   b) Indirect Attainments
3. **Direct Attainments Calculation:**
   a) Determine direct attainment of COs based on student performances in Continuous Internal Evaluation (CIE) and End Semester Examination (ESE).
   b) Assign proportional weightages to CIE:ESE as 40:60.
   c) Calculate course attainment level using the formula:

      PO_attained = (Target_PO_level) * (Final_attainment_of_course) / 3

   d) Find the PO Attainment for each course for a program and take the average to obtain direct attainment.

Dept. of Computer Science & Engineering (Networks):

Criterion 2 - Teaching-learning and Evaluation

- **CO-PO Attainment Calculation procedure (Cont...)**

5. Indirect Attainment:

a) Conduct surveys from students, alumni, parents, and recruiters for each PO.
b) Take the average of survey results to determine indirect attainment.

6. Calculating the CO-PO Attainment:

a) Consider 80% of Direct Attainment Level.
b) Consider 20% of Indirect Attainment Level.
c) Sum up the above Direct and Indirect Attainment Levels to obtain the final CO-PO attainment level.

Dept. of Computer Science & Engineering (Networks):

Criterion 2 - Teaching-learning and Evaluation

- **Pass percentage of students in UG :2019-23 Batch**

Particulars	2019-23
I-Class with distinction	37
I-Class	27
II-Class	00
Pass percentage (#Of Students Registered=64)	100%

Dept. of Computer Science & Engineering (Networks):

Criterion 3 - Research, Innovations and Extension

- **Research Facilities in the Department: 03 (CVIP, IIoT, & ACN)**
- **Research supervisors: 02**
- **Research scholars: 11**
- **Seed money received: 09 (Rs.1,68,000/-)**
- **Research grants received: 02**
- **Faculty obtained PhD: 03**

Dept. of Computer Science & Engineering (Networks):

Criterion 3 - Research, Innovations and Extension

Research Publications and Awards

Year	International Journals (SCI/SCIE/WoS)	Scopus	International Conferences	Text Books authored by Faculty	Awards
2023-24	02	12	01	00	26
2022-23	16	07	06	03	08
2021-22	03	02	08	02	05

Avg. Citation Index: 5.57

Avg. h-index: 19

Dept. of Computer Science & Engineering (Networks):

Criterion 3 - Research, Innovations and Extension

Anti-plagiarism policy: Metrics for similarity check(UG)

S.No.	Type of Manuscript	Similarity %		Shall exclude No. of Consecutive Words
		Overall	From Single Source	
1.	UG Seminar	40%	10%	10
2.	UG Mini Project	30%	8%	10
3.	UG Major Project	24%	4%	6
4.	PG Seminar	30%	8%	10
5.	PG Dissertation	24%	3%	6
6.	PhD Thesis	10%	3%	6

UG STUDENT MAJOR PROJECTS

S. No	Department/ Programme	Academic Year	total number of students	number of project reports	No. of reports undergone plagiarism check using Turnitin
2023-24					
CSM	CSE(Networks	2023-24	65	16	16
CSN	CSE(Networks	2023-24	65	16	16
CSO	CSE(Networks	2023-24	65	16	16
2022-23					
CSN	CSE(Networks	2022-23	64	16	16

UG STUDENT Mini PROJECTS

S. No	Department/ Programme	Academic Year	total number of students	number of project reports	No. of reports undergone plagiarism check using Turnitin
2023-24					
1	CSE(Networks)/ CSE(AIML)	2023-24	70	70	70
2	CSE(Networks)/ CSE(Networks)	2023-24	64	64	64
3	CSE(Networks)/ CSE(IoT)	2023-24	70	70	70
2022-23					
1	CSE(Networks)/ CSE(AIML)	2023-24	65	65	65
2	CSE(Networks)/ CSE(Networks)	2023-24	65	65	65
3	CSE(Networks)/ CSE(IoT)	2023-24	65	65	65
2021-22					

Dept. of Computer Science & Engineering (Networks):

Criterion 3 - Research, Innovations and Extension

Consultancy: Nil

No. of MoUs: 03

No. of Activities conducted: 01

Dept. of Computer Science & Engineering (Networks):

Criterion 3 - Research, Innovations and Extension

Innovation Ecosystem

- **Faculty coordinators for I^2RE - EDC, IIC, Idea lab, start-ups,**
- **Dr. Kumar Dorthi –Convenor MSME-BI**
- **Mr. Jayanth Babu-Coordinator-I^3C**
- **Students participation in I^2RE activities:**
  - **Conducted internal hackathon in collaboration with I^2RE**

Dept. of Computer Science & Engineering (Networks):

Criterion 4 - Infrastructure and Learning Resources

Physical Facilities:

No. of Classrooms: 10

No. of Laboratories: 07

No. of Computers: 267

Department Library info:

No. of textbooks: Nil

No. of project reports: 16 (Major project) + 193 (Mini project)

No. of newsletters: 03

No. of Magazines: 01

Dept. of Computer Science & Engineering (Networks):

Criterion 5 - Student Support and Progression

Student Awards

Academic Year	Details of Students	Award/Achievements
2022-23	M. Bangaru Babu (B20AI056)	Volleyball 2nd Place
2022-23	P. Anvesh (B22IN061)	U19 Mixed doubles Runner up
2022-23	J. Harshavardhan (B22IN097)	Volleyball 2nd Place
2022-23	A. Varshith Kumar (B20AI030)	NCC A Grade

Dept. of Computer Science & Engineering (Networks):

Criterion 5 - Student Support and Progression

Alumni Engagement:

S. No.	Alumnus Name	Designation / Affiliation	Batch	Date of visited
1.	Parimala Rishi	DevOps Engineer (support Associate) at Pragma Edge Software Services private Ltd.	2023	06-12-2023

Students from Academic Batch 2019-2023 who completed their Bachelor Degree from course CSN, Our beloved Student Parimala Rishi who completed B.Tech. in 2023 with excellent academic performance and other activities .He is presently working in Pragma Edge Software Services private Limited as DevOps (Support Associate) Engineer at Hyderabad .

Dept. of Computer Science & Engineering (Networks):

Criterion 6 - Governance, Leadership and Management

Departmental committees

Department Academic & Attendance Monitoring Committee(DAMC)		
Dr. V. Swathy	Assoc.Professor	Coordinator
All Class Teachers	Prof / Assoc / Asst	Members

Timetable & Work load		
Sri. B. Srinivas	Asst. Prof.	Coordinator
Smt. R. Swetha	Asst. Prof.	Member (CSM)
Smt. E. Rajitha	Asst. Prof.	Member (CSN)
Ms. S. Divya	Asst. Prof.	Member (CSO)
Smt P. Priyanka	Asst. Prof.	Member

Laboratory In-charges		
Dr. V.Swathy	Assoc.Professor	CVIP Lab
Dr. A.Jothi Prabha	Assoc.Professor	ML lab
Dr. A.Godavari	Asst.Professor	ACN Lab
Dr. Kumart Dorthi	Asst.Professor	Industrial IoT Lab
Dr. S.Kiran	Asst.Professor	Cloud Computing Lab

Department Academic Advisory Committee (DAAC)		
Dr. S.Narasimha Reddy	Asoc.Professor & Head	Chairman
Dr. V. Swathy	Assoc. Professor	Convener
Dr.V.Shankar	Professor	CSI
Dr.A.Jothiprabha	Assoc. Professor	Member
Dr. A. Kiran mayee	Assoc. Professor	Member
Sri B.Srinivas	Assistant Professor	Member
Dr. B.Hanumanthu	Assistant Professor	Member
Sri I.Sai Rama Krishna	Assistant Professor	Member
Dr. Kumar Dorthi	Assistant Professor	Member
Dr. S.Kiran	Assistant Professor	Member
Dr.A.Godavari	Assistant Professor	Member

Exam Branch		
Dr.P.Suma	Asst. Prof.	Coordinator
Smt. D. Haritha Reddy	Asst. Prof.	Member – CSM
Smt. V. Prashanthi	Asst. Prof.	Member-CSN
Smt. E. Vishnu Priya Reddy	Asst. Prof.	Member – CSO

Dept. of Computer Science & Engineering (Networks):

Criterion 6 - Governance, Leadership and Management

Departmental committees

Research and Development (Faculty / Student Publications)		
Dr. A. Kiran Mayee	Assoc. Prof.	Coordinator
Smt V.Prashanthi	Asst. Prof.	Member (CSM)
Dr. A. Godavari Ramulu	Asst. Prof.	Member (CSN)
Sri Ch. Jayanth Babu	Asst. Prof.	Member (CSO)

Department publications Newsletter Magazines and Brochures		
Dr. A. Jothi Prabha	Assoc.Professor	Coordinator
Dr. Kumar Dorthi	Asst Professor	Co-coordinator
Smt K. Shirisha	Asst. Prof.	Member
Smt T. Shruthi	Asst. Prof.	Member
Sri S. Ravi	Asst. Prof.	Member

Affiliation & Accreditation Information Committee (AAIC)		
Dr. S. Narasimha Reddy	Asoc.Professor & Head	Chairman
Dr. V. Swathy	Assoc. Prof.	Convener
Dr. B. Hanumanthu	Asst. Prof.	Coordinator

SWAYAM – NPTEL (Including Honors and Minors), TASK		
Sri. D. Ramesh	Asst. Prof.	Coordinator - CSN
Ms. M.Hithasri	Asst. Prof.	Coordinator - CSM
Smt T. Anusha	Asst. Prof.	Coordinator – CSO

MoMs		
Smt. R. Swetha	Asst. Prof.	Coordinator
Smt M. Susmitha	Asst. Prof.	Member(CSM)
Smt K.Shruthi	Asst. Prof.	Member(CSN)
Smt M. Priyadarshini	Asst. Prof.	Member(CSO)

Dept. of Computer Science & Engineering (Networks):

Criterion 6 - Governance, Leadership and Management

Departmental committees

UG Seminar and Mini Project Evaluation Committee (UGEC)		
Dr. S. Narasimha Reddy	Assoc. Professor & Head	Chairman
Dr. V. Swathy (Seminars and Mini Projects)	Assoc. Prof.	Convener
Dr. P. Suma	Asst. Prof.	Coordinator(CSM)
Sri. D. Ramesh	Asst. Prof.	Coordinator(CSN)
Dr. A. Kiran Mayee	Assoc.. Prof.	Coordinator(CSO)

Industry Internship (I2RE, I3C, Internship monitoring)		
Dr. S. Kiran	Asst. Prof.	Coordinator (overall)
Smt R.Swetha	Asst. Prof.	Member (CSM) - Internships
Sri B. Ramji	Asst. Prof.	Member (CSN) - Internships
Smt M. Sirisha	Asst. Prof.	Member (CSO) - Internships
Ms. S.Divya	Asst. Prof.	Member – I2RE, I3C
Sri J. Sathish	Asst. Prof.	Member – I2RE, I3C

Training & Placement (Including Higher Education admission details)		
Dr. B. Hanumanthu	Asst.Prof.	Coordinator(CSM)
Sri K.Ravikanth	Asst. Prof	Coordinator(CSN)
Dr. S. Raghu	Asst. Prof	Coordinator(CSO)

Alumni Affairs and Higher Education Cell		
Sri. B. Srinivas	Asst. Prof.	Coordinator
Sri V.Srinivas	Asst. Prof.	Member
Smt B. Manoja Rani	Asst. Prof.	Member

Student Affairs & Assoc. Activities (CSAAA)		
Dr. Kumar Dorthi	Asst. Prof.	Convenor
Dr.S.Kiran	Asst. Prof.	Coordinator
Dr. P.Suma	Asst. Prof.	Member

Dept. of Computer Science & Engineering (Networks):

Criterion 6 - Governance, Leadership and Management

Departmental committees

Computer Society of India (CSI)		
Dr. V. Shankar	Professor	Coordinator

ISTE		
Sri. I. Sai Rama Krishna	Asst. Prof.	Coordinator
Sri D. Ramesh	Asst. Prof.	Member

NPTEL mentoring Committee		
Ms. S.Divya	(EITK)	Member
Smt P. Priyanka	(EITK)	Member
Ms. Md. Safiya	(EITK)	Member
Sri Ch. Jayanth Babu	(EITK)	Member
Smt M.Susmitha	(UHV)	Member

Women cell		
Dr. V. Swathy	Assoc. Prof.	Coordinator

Departmental Library		
Dr. A. Godavari	Asst. Prof.	Coordinator

Extra and Co curricular Activities		
Smt T. Anusha	Asst. Prof.	Coordinator

UG Project Evaluation Committee (UGPEC)		
Dr. S. Narasimha Reddy	Assoc. Professor & Head	Chairman
Dr. A. Jothi Prabha	Assoc. Prof.	Convener
Sri. I. Sai Rama Krishna (AIML1) Sri. B. Srinivas (AIML2)	Asst. Prof. Asst. Prof.	MRG Coordinator(CSM)
Dr. A. Godavari	Asst. Prof.	MRG Coordinator (CSN)
Dr. Kumar Dorthi	Asst. Prof.	MRG Coordinator (CSO)

Dept. of Computer Science & Engineering (Networks):

Criterion 6 - Governance, Leadership and Management

Institute level committees

HoD, CSN		
Dr. S. Narasimha Reddy	Assoc. Professor & Head	Head, and Member AAC

SC/ST Cell		
Sri. B. Srinivas	Asst. Prof.	Coordinator

Department Academic Co-ordinator		
Dr. V. Swathy	Assoc. Prof.	Coordinator

CMS Team		
Dr. A. Jothi prabha	Assoc. Prof.	Incharge-CMS

Wipro Certified Faculty (TalentNext program from Wipro)		
Dr. S. Narasimha Reddy	Assoc. Professor & Head	Convener
Sri. I. Sai Rama Krishna	Asst. Prof.	Coordinator

CISCO		
Sri. D. Ramesh	Asst. Prof.	Coordinator

Code Tantra		
Sri. I Sai Rama Krishna	Asst. Prof.	Coordinator

Dept. of Computer Science & Engineering (Networks):

Criterion 6 - Governance, Leadership and Management

Budget allocation and utilized: CSE (AI&ML)

Items	Budget Proposed in FY 2023-24	Budget allotted in FY 2023-24	Actual Expenses in FY 2023-24 (Upto 31.01.24)	Budget Proposed in FY 2022-23	Budget Allotted in FY 2022-23	Actual Expenses in FY 2022-23	Budget Proposed in FY2021-22	Budget Allotted in FY 2021-22	Actual Expenses in FY 2021-22
Laboratory Equipment	73,36,000	7336000	46374	1,61,38,416	55,52,000	11137092	5602000	5602000	-
Software Purchase						332014			
Others									
Laboratory Consumables	3,00,000	278000		3,00,000	278000		345000	345000	28134
Maintenance, Spares & Others									
Miscellaneous Expenses									
Travel (Conferences presentations by faculty including Registrations) & Training programs									
Total in Rupees	**76,36,000**	**7614000**	**46374**	**1,64,38,416**	**58,30,000**	**11469106**	**5947000**	**5947000**	**28134**

Dept. of Computer Science & Engineering (Networks):

Criterion 6 - Governance, Leadership and Management

Budget allocation and utilized: CSE (Networks)

Items	Budget Proposed in FY 2023-24	Budget allotted in FY 2023-24	Actual Expenses in FY 2023-24 (Upto 31.01.24)	Budget Proposed in FY 2022-23	Budget Allotted in FY 2022-23	Actual Expenses in FY 2022-23	Budget Proposed in FY2021-22	Budget Allotted in FY 2021-22	Actual Expenses in FY 2021-22
Laboratory Equipment	-	-		2,19,70,200	67,15,000	5495142	5362000	5362000	-
Software Purchase						335614			
Others									
Laboratory Consumables		263000		10,16,755	263000		350000	350000	28134
Maintenance, Spares & Others									
Miscellaneous Expenses									
Travel (Conferences presentations by faculty including Registrations) & Training programs									
Total in Rupees		**263000**		**2,29,86,955**	**69,78,000**	**5830756**	**5712000**	**5712000**	**28134**

Dept. of Computer Science & Engineering (Networks):

Criterion 6 - Governance, Leadership and Management

Budget allocation and utilized: CSE (IoT)

Items	Budget Proposed in FY 2023-24	Budget allotted in FY 2023-24	Actual Expenses in FY 2023-24 (Upto 31.01.24)	Budget Proposed in FY 2022-23	Budget Allotted in FY 2022-23	Actual Expenses in FY 2022-23	Budget Proposed in FY2021-22	Budget Allotted in FY 2021-22	Actual Expenses in FY 2021-22
Laboratory Equipment	1,20,79,000	67,36,000	1523837	1,17,70,000	7574000	8357648	24,60,080	24,60,080	7,06,060
Software Purchase			68114			263900			
Others									
Laboratory Consumables	3,00,000	2,78,000		3,00,000	278000		3,45,000	3,45,000	37,679
Maintenance, Spares & Others			55000						
Miscellaneous Expenses									
Travel (Conferences presentations by faculty including Registrations) & Training programs									
Total in Rupees	**1,23,79,000**	**70,14,000**	**1646951**	**1,20,70,000**	**7852000**	**8621548**	**28,05,080**	**28,05,080**	**7,43,739**

Dept. of Computer Science & Engineering (Networks):

Criterion 6 - Governance, Leadership and Management

List BoS meetings conducted:

Date: 06.06.2023

Purpose: Syllabus approval

Date:09.07.2022(FN)

Purpose: Syllabus approval

Date:09.07.2022(AN)

Purpose: Syllabus approval

Dept. of Computer Science & Engineering (Networks):

Criterion 6 - Governance, Leadership and Management

No. of faculty provided with funding for seminars / FDPs / Conferences / projects/research/training: 03

Total amount received: Rs.1,68,000/-

No. of FDPs attended year wise:

Year	No. of FDPs/STTPs/PDPs attended
2023-24	55
2022-23	12
2021-22	06

Dept. of Computer Science & Engineering (Networks):

Criterion 7 - Values and Best Practices

SWOC Analysis

Strengths:

1. Regularly reviewing the curriculum by incorporating insights from the industry.
2. Utilizing contemporary ICT tools like Kahoot and Quizizz for enhancing the learning process, including the use of these tools for conducting viva sessions in laboratories.
3. All faculty members are actively enhancing their academic skills through participation in Faculty Development Programs (FDPs), workshops, and obtaining course certifications from MOOC platforms such as SWAYAM-NPTEL, ORACLE University, etc.
4. Several faculty members hold qualifications in GATE and NET.
5. A substantial number of faculty members have industry experience.

Weakness:

1. The faculty strength is insufficient when compared to the required Student-Faculty Ratio (SFR) as stipulated by AICTE and UGC norms.
2. There is a scarcity of permanent faculty members.
3. The cadre ratio is notably inadequate.
4. Insufficient funding is a challenge for undertaking research projects.
5. The preparation and submission of research proposals to various funding agencies are limited due to a lack of bandwidth among the faculty.
6. Consultancy practices are not meeting the desired standards.

Dept. of Computer Science & Engineering (Networks):

Criterion 7 - Values and Best Practices

Opportunities:

1. The demand for Computer Science and Engineering (CSE) specializations is high, driven by their versatility across a broad spectrum of applications in other departmental specializations.
2. Providing faculty with dedicated time to delve into specialization areas for addressing real-world problems with innovative ideas can lead to impactful research, which can subsequently be applied in proposals submitted to various funding agencies.
3. Computer Science and Engineering (CSE) specializations offer ample opportunities to incubate novel ideas. Establishing a thoughtful institutional approach that grants reasonable freedom to both faculty and students is essential in this regard.

Challenges:

1. Engaging in research and consultancy within the field of Computer Science and Engineering specializations.
2. Channeling increased efforts from faculty members to secure research projects and consultancy services.
3. Conducting research and providing consultancy services within the realm of Computer Science and Engineering specializations.

Dept. of Computer Science & Engineering (Networks):

Criterion 7 - Values and Best Practices

Short Term Goals
Short term goal 1: All faculty members are required to complete course certifications from NPTEL, as mandated by the circular from the principal's office. This initiative aims to enhance the Teaching-Learning process, ultimately benefiting students by equipping them with the necessary skills for successful placements.
Short term goal 2: Faculty without a Ph.D. are mandated to register for a Ph.D. program in their respective research areas and publish papers in SCOPUS and SCIE indexed journals. Those already enrolled in Ph.D. programs are required to complete their degrees within the stipulated time, demonstrating a substantial number of publications in indexed journals. Additionally, faculty with Ph.D. qualifications are expected to actively submit research proposals to various funding agencies.
Short term goal 3: These two objectives are expected to yield positive outcomes, fostering quality research across all Computer Science and Engineering (CSE) specializations. They create an environment where faculty members are well-equipped to propose impactful research projects to a variety of funding agencies.

Dept. of Computer Science & Engineering (Networks):

Criterion 7 - Values and Best Practices

Long Term Goal(s)
Long term goal(s): 1. Enhance the quality of teaching by acquiring course certifications from NPTEL and undergoing industry training. This approach aims to instill high-quality teaching practices, ensuring students are well-prepared for securing placements with competitive packages. 2. Enhancing the quality of teaching through re-skilling and up-skilling initiatives from NPTEL and Industry is expected to foster a fresh perspective among faculty members, potentially leading to impactful research endeavors. This, in turn, can attract funding from various agencies.

Dept. of Computer Science & Engineering (Networks):

Criterion 7 - Values and Best Practices

Distinctiveness of the Department
Distinctiveness of the Department: 1. Several faculty members have acquired Topper and Monitor certifications from SWAYAM-NPTEL. 2. Two faculty members possess TalentNext and Advanced TalentNext certifications, while another faculty member holds CISCO and Advanced CISCO certifications. Additionally, one faculty member from the department is pursuing an advanced certification in AIML from IIT Madras. 3. Currently, two faculty members are recipients of funding. 4. Faculties with Ph.D. qualifications in various Computer Science and Engineering specializations, including CVIP, AIML, IoT, and Networks, are integral members of the department. 5. The department is equipped with an Industrial Internet of Things (IoT) laboratory.

Dept. of Computer Science & Engineering (Networks):

PHOTO GALLERY: 2019-23 Batch

Dept. of Computer Science & Engineering (Networks):

PHOTO GALLERY: 2019-23 Batch

Dept. of Computer Science & Engineering (Networks):

PHOTO GALLERY: 2019-23 Batch

Thank You for Your Kind Attention…

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