KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

(An Autonomous Institute under Kakatiya University, Warangal)

Warangal, Telangana -506015

Department of Computer Science and Engineering

FOCUS

Newsletter

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CONTENTS

Vision

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

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, communication, 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.

Program Educational Objectives (PEOs): B.Tech

- Graduates with fundamental knowledge should escalate the technical skills within and across disciplines of Computer Science Engineering for productive career by maintaining professional ethics.
- Graduates should develop and exercise their capabilities to demonstrate their creativity in engineering practice and exhibit leadership with responsibility in teamwork.
- Graduates should refine their knowledge and skills to attain professional competence through life-long learning such as higher education, research and professional activities.

Program Specific Outcomes (PSOs): B.Tech

- **Software Development and Quality assurance:** Transform various legacy or manual systems into computer automated systems using Modern Programming Languages, Integrated Development Environments, and apply Testing Tools for efficient verification and validation of those software systems

- **Maintenance:** Demonstrate knowledge in fixing and updating multidisciplinary software problems working in real time environment.

- **Immediate professional practice:** Work as a software practitioner or continue higher education by adopting advanced technologies in various fields of computer science and Engineering.

Program Outcomes (POs): B.Tech

- Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- Problem analysis: Identify, formulate, review research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

- 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.
- 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.
- Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
- 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.
- 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.
- Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- 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.
- 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.
- 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 Outcomes (POs): M.Tech

- Engineering Knowledge: An ability to independently carry out research/ investigation and development work to solve practical problems.
- Problem Analysis: An ability to write and present a substantial technical report / document.
- Design/Development of solutions: Students should be able to demonstrate a degree of mastery over as per the Specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program.

Program Specific Outcomes(PSOs): M.Tech

- Software Development and Quality Assurance: Apply the Knowledge and current technologies of software engineering to Pursue Research over complex problems of Computer Science domains.
- Maintenance: Equipped with the Industry Ready, Teaching Skills and Entrepreneurship Capabilities.
- Immediate Professional Practice: plan, manage and assess effectively the software products by using the Software Engineering Concepts and Methodologies.

VIEWS

I am grateful with the idea of this magazine roCkSE. It gives overall views on the current evolving technologies which are trending in computer science field.

Dr. K. Ashoka Reddy

Principal, KITSW

This magazine summarizes the curent state of CSE, and also information of department. Providing an arena for the student community to showcase their technical talents is a great task.

Dr. P. Niranjan

Prof. & Head
Department of CSE

EDITORIAL BOARD

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Calendar of Events of Dept. Association Activity

S.No	Date	Title/ Event organized	No. of students
1	12-07-19	Talk by Alumini (Sai poojitha)regarding the association hour importance for the students and Dr. S.Narasimha Reddy, P.Vijay kumar and N.C. Santhosh introduced NPTEL.	
2	19-07-19	Talk by Mr. Ajay "Earning as students through internships" and distribution of NPTEL certificates to the toppers.	
3	26-07-19	Talk by Mr. Mupparapu Raju,a grass root innovator who described the importance of start-up activities	
4	2-08-19	Technical coding conducted at VC lab, Block V	60
5	9-08-19	Technical Quiz conducted at VC lab, Block V	48
6	16-08-19	Pre talk on "Smart Thinking" by association hour incharges	
7	23-08-19	Pre talk on "Python programming" organized with support from CSI chapter	
8	30-08-19	….……MID EXAM………	
9	06-09-18	Pre talk by T-HUB experts for bringing up the ideas	
10	13-09-19	Poster presentations with respect to the smart thinking is conducted	

11	20-09-19	Students are shortlisted and announced.	
12	27-09-19	A **Boot campaigning** is organized.	
13	04-10-19	The idea presentations are done by the selected students.	
14	11-10-19	A screening committee registers the students and inputs to develop products are suggested	
15	18-10-19	Final product presentations are done	

ASSOCIATION INCHARGES

1. S. Naga Raju Associate Professor, Department of CSE

2. **V. Swathy** Assistant Professor, Department of CSE

Student Industrial Visit - *(Industrial visits were conducted for students in 2019)*

-60 students had visited Infosys on 3rd April, 2019 as a part of Industrial visit Program.

Student Internship - *(companies that provided Student Internship/ Training in 2018-19)*

Company Name	Company Sector	Discipline	Date from	Date to	No. of Students
Cyient Ltd.	IT	CSE	17-Jan-18	16-June 2018	02
AD3i	IT	CSE	12-Feb-18	15-Aug-2018	02
GT Connect	IT	CSE	24- Oct-17	23- April-2018	02
Valuelabs	IT	CSE	Dec 2018	April 2019	03
ZAnalytics	IT	CSE	Jan 2019	June 2019	06
GGK Technologies	IT	CSE	Dec 2018	July 2019	03
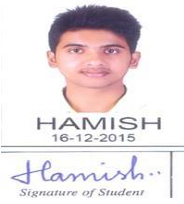
Semester-Wise Academic Toppers (2018-2019)

KITS, Warangal believes in providing par excellence education to its students that not only creates scholar out of them but also encourages them to excel in all spheres of life. With constant hard work and self-confidence, the students can rise to any challenges that are faced by them.

The Institute is extremely proud of academic toppers. The Management, Principal, Deans, Faculty and Staff of the Institute congratulate the following meritorious academic toppers for their excellence in the examinations conducted during Academic Year 2018-19.

S.No	Batch	Sem	Hall ticket No.	Academic Topper	SGPA	Photo	Rank
1	2015-19	VIII	B15CS051	MEDARMETLA MEGHANA	9.70		1
2	2015-19	VII	B15CS039	VANTERU ANUDEEPA REDDY	9.71		1
3	2016-20	VI	B16CS160	GADE BALA HAMISH REDDY	9.73		1
4	2016-20	V	B16CS160	GADE BALA HAMISH REDDY	9.73		1

5	2017-21	IV	B17CS042	POLSANI HARSHINI	9.69		1
6	2017-21	III	B17CS021	SRIKRUTHI VEDANTHAM	9.86		1
7	2018-22	II	B18CS062	V.GANESH	10.00		1
8	2018-22	I	B18CS062	V.GANESH	10.00		1

M. Tech Toppers -CSE

S.No	Batch	Specialization	Hall ticket No.	Name	SGPA	Rank
1	2017-19	SE	M17SE016	ADEPU HARIKA	9.14	1

Conquering exams is just a beginning

We wish our students conquer many more summits in their blessed life.

Faculty Achievements

1 — Published "A Framework with Iterative Classification for Disinfecting Huge-scale Datasets" paper in journal

2 — Achieved "**Elite + Silver**" certificate in "Introduction to Automata, Languages and Computation" NPTEL certification course conducted by NPTEL + SWAYAM funded by MHRD Govt. of India in April, 2019.

-G. Sridhar   Assistant Professor, Department of CSE

NPTEL-SWAYAM TOPPERS & GOLD MEDALISTS

Hearty Congratulations to the Toppers & Gold medalists in SWAYAM-NPTEL Jan-Jun 2019 semester

FACULTY

VEMULAKONDA PRASAD (Programmer, CSE) Elite+Gold & Topper

NARASIMHA REDDY SOORA (Associate Professor, CSE) Elite+Gold & Topper

VENKATESHWAR REDDY V (Assistant Professor, ECE) Elite+Gold & Topper

R SWAPNA (Assistant Professor, CSE) Topper

N C SANTOSH KUMAR (Assistant Professor, CSE) Elite+Gold

STUDENTS

KOPPISETTI SAI BHAVYA (B18CS014) Topper

MERUGU SUNIL (B17CS148) Elite+Gold & Topper

V.GANESH (B18CS062) Topper

MOHAMMAD SHAHEEDH ASRAR (B17EC161) Elite+Gold

VIJAY KUMAR POLEPALLY, SWAYAM-NPTEL CO-ORDINATOR   / swayam.kitsw@gmail.com

Congratulations Graduate!

THE DAY OF YOUR DREAMS
HAS FINALLY ARRIVED...

VANTERU ANUDEEPA REDDY