

ISO 9001:2015

AICTE-CII: GOLD Category Institute

NAAC-'A' Grade Institute (CGPA: 3.21)

NIRF-2020 Rank Band: 201-250



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

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

काकतीय प्रौद्योगिकी एवं विज्ञान संस्थान, वरंगल - ५०६ ०१५ तेलंगाना, भारत
కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల్ - ५०६ ०१५ తెలంగాణ, భారతదేశము

(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

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

foCurs

Newsletter

Issue 20
December-2020

VIEWS



It gives me immense pleasure to know that the next issue of newsletter is ready. I congratulate all those who have contributed in bringing this out. I appreciate the efforts of the editor board in collecting the information related to this newsletter.

Dr. K. Ashoka Reddy
Principal, KITSW



It's a pleasure to announce the release of focus which majorly comprises articles with the updates in the latest technology. The unique feature of this newsletter is that it is being planned and designed by the students.

Dr. V. Shankar
Prof. & Head
Department of CSE

EDITORIAL BOARD

Chief Editor : **DR . V.SHANKAR** Professor. & Head, Department of CSE

Editor-In-Charge : **S. NAGA RAJU** Associate Professor, Department of CSE

Faculty Editorial Board:

Ms. G. Ashmitha, Assistant Professor

Smt. M. Niharika, Assistant Professor

Mr. Syed Abdul Moeed, Assistant Professor

Students Editorial Board:

T.Sujith (B180CS082)

A.Akshitha (B180CS087)

R.Vijay Sai (B170CS008)

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ESTD-1980
KITSW

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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 analyze 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.

Calendar of Events of Dept. Association Activity

S.No.	Date	Title/ Event Organized
1	06-11-20	Seminar on a Trending Topic.
2	13-11-20	A Guest Lecture
3	20-11-20	One Workshop(Tech- Related)
4	27-11-20	Impact of Competitive Programming in placements
5	04-12-20	Road map to Web Development
6	11-12-20	Dynamic group Discussion
7	18-12-20	Technical Quiz
8	08-01-21	Guidance session on Project based Learning
9	22-01-21	Webinar on Research Oriented Study
10	29-01-21	Testimony- From Alumni
11	05-02-21	One Non-Technical Activity

Association hour in charges:

N.C. Santhosh Kumar, Asst. Professor

M. Preethi, Asst. Professor

Student in charge

A. Hemanth

V. Srikruthi

SEMESTER - WISE SEMESTER TOPPERS B.TECH. CSE



Date : 29-09-2020

Congratulations to Overall Academic Toppers

KITS, Warangal believes in providing par excellence education to its students that not only creates a 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 overall 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 **September 2020**

PROGRAMME : **B.TECH.**

SEMESTER : **VIII SEMESTER**

BATCH : **2016 - 2017**

Sno	Roll.No.	Branch	Student Name	Photo	CGPA	Rank
1	B16CS155	CSE	LUBNA SHEREEN		9.61	1
2	B16CS160	CSE	GADE BALA HAMISH REDDY		9.60	2
3	B16CS042	CSE	BADUGU PRANATHI		9.58	3
4	B16CS069	CSE	GURRALA RASAGNYA		9.57	4
5	B16CS082	CSE	ANNE SAI VENKATA NAGA SAKETH		9.56	5

Conquering exams is just a beginning

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

Copy to

- 1) The Principal
- 2) Dean, Academics
- 3) Head of the Departments

Controller of Examinations

M.TECH - CSE



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

(An Autonomous Institute under Kakatiya University, Warangal)
Opp : Yerragattugutta, Bheemaram (V), Hasanparthy (Mandal), WARANGAL - 506 015, Telangana State, INDIA.
కాకతీయ ప్రాచీనిక విజ్ఞాన సంస్థానం, వరంగల్ - 506 015, తెలంగాణ రాష్ట్రం, భారతదేశం

Office of the Controller of Examinations

website: www.kitsw.ac.in e-mail: coekitsw@gmail.com Ph: +91 870 2564888, Ext. 230 Fax: +91 870 2564320

Date : 14-07-2020

Congratulations to Overall Academic Toppers

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The Institute is extremely proud of overall 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 **July 2020**

PROGRAMME : **M.TECH.**

SEMESTER : **IV SEMESTER**

BATCH : **2018 - 2019**

Sno	Roll.No.	Branch	Student Name	Photo	CGPA	Rank
1	M18SE013	SE	GAJULA MANISHA		9.29	1
2	M18SE023	SE	RAHEELA KOUNAIN		9.02	2
3	M18SE022	SE	MUKKA MANISHA		8.90	3
4	M18SE014	SE	DUBBA SUDHA		8.90	3
5	M18SE006	SE	VANGALA SNEHA		8.86	5

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Copy to

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- 2) Dean, Academics
- 3) Head of the Departments

Controller of Examinations

DEPARTMENT ACHIEVEMENTS

Dept of CSE organized A One Week FDP on Management of Information Systems (MIS) and ICT Tools for Non-Teaching Staff from 17-05-2020 To 21-05-2020.

Convener : **Dr. K. Ashoka Reddy**, Principal

Coordinated by : **Dr. V. Shankar**, Professor & Head

Co-coordinated by : **A. Praveen**, Assistant Professor

Dept of CSE organized A One Week FDP on Cloud Computing with Microsoft Azure in association with TCS Hyderabad from 21-07-2020 To 29-07-2020.

Convener : **Dr. P. Niranjan**, Prof.in CSE, Dean R&D

Coordinated by : **Dr. V. Shankar**, Professor & Head

Co-coordinated by : **A.Praveen and C.Madan Kumar**

Dept of CSE organized A One Week FDP on Blockchain Architecture Ethereum, and Hyperledger from 08-07-2020 to 12-07-2020.

Convener : **Dr. V. Shankar**, Professor & Head

Coordinated by : **D. Naveen**, Assistant Professor

Co-coordinated by : **A. Praveen**, Assistant Professor

Dept of CSE identified as "**Center of Excellence**" by CISCO
CISCO IDEATHON A.HEMANTH (B17CS058) got selected as intern "CISCO-CX" with a stipend of 60,000/-per month, under CISCO virtual drive conducted by CISCO university recruitment team, shortlisted on 10-Nov-2020. He completed CCNA-Routing and Switching module-1
Trained by **D.Ramesh**, Instructor, CISCO Networking Academy, CSE-KITSW.

FACULTY ACHIEVEMENTS

1. Dr. C. Srinivas, Associate Professor awarded Ph.D.by Kakatiya University on 24-07-2020
2. Dr. K. Vinay Kumar, Assistant Professor awarded Ph.D. by Karunya University on 08-08-2020
3. Dr. B. Raghuram, Assistant Professor awarded Ph.D. by JNTUH Hyderabad on 20-11-2020
4. Dr. K. Srinivas, Assistant Professor awarded Ph.D. JNTUH Hyderabad on 17-10-2020
5. Dr. J. Pavan Kumar, Assistant Professor awarded Ph.D. NITW on 24-08-2020
6. Siripuri Kiran, Assistant Professor Awarded High Range Book of World Records Best Researcher
7. Siripuri Kiran, Assistant Professor Awarded Institute of Scholars Young Achiever Award
8. D. Naveen Kumar, Assistant Professor got Online Certification from SWAYAM NPTEL
9. E. Rajitha, Assistant Professor got Online Certification from SWAYAM NPTEL
10. Md. Sharfuddin Waseem, Assistant Professor took charge as in-charge CMS
11. A. Praveen, Assistant Professor took charge as in-charge CMS
12. B. Raju, Assistant Professor took charge as in-charge Website
13. D. Ramesh, Assistant Professor took charge as in-charge Courseweb
14. B. Sreenivas, Assistant Professor took charge as in-charge SC/ST cell
15. B. Raghuram, Assistant Professor took charge as in-charge IDC AND IQAC

ROLES ASSIGNED AT INSTITUTE LEVEL

1. B. Raghuram - IDC AND IQAC STUDENT ACH
2. B. Sreenivas - SC/ST cell
3. Md. Sharfuddin Waseem - CMS
4. B. Raju - Website
5. Syed Abdul Moeed - Addl. In-charge Research & Development,
6. A. Praveen - CMS
7. D. Ramesh - Courseweb

STUDENT ACHIEVEMENTS

1. M. Harshitha has given Seminar presentation on Bluetooth technology
2. Nikitha Naragoni has given Seminar presentation Version control system
3. Sanjana Devunoori has given Seminar presentation Integrating learning analytics to predict student performance behavior

PLACEMENTS

COMPANY WISE PLACEMENT DETAILS OF THE ACADEMIC YEAR 2020-21 AS ON 09-12-2020

S.No.	Roll No.	Name of the student	Selected for company	On/Off Campus	CTC
1	B17CS004	VEMULA EESHITHA	DXC Technologies	On Campus	Rs. 3.60 Lakhs
2	B17CS007	S CHARMILA HRUTHIKA	DXC Technologies	On Campus	Rs. 3.60 Lakhs
3	B17CS008	RAMA VIJAY SAI	DXC Technologies	On Campus	Rs. 3.60 Lakhs
4	B17CS015	BOINPALLY BRINDA	DXC Technologies	On Campus	Rs. 3.60 Lakhs
5	B17CS016	PINNA SRIDATTA	DXC Technologies	On Campus	Rs. 3.60 Lakhs
6	B17CS017	GEETLA VYSHNAVI	DXC Technologies	On Campus	Rs. 3.60 Lakhs
7	B17CS018	JAHNAVI KOMALLA	DXC Technologies	On Campus	Rs. 3.60 Lakhs
8	B17CS021	SRIKRUTHI VEDANTHAM	DXC Technologies	On Campus	Rs. 3.60 Lakhs
9	B17CS030	MANASA SAMBARAJU	DXC Technologies	On Campus	Rs. 3.60 Lakhs
10	B17CS031	NEHA LAKMA	DXC Technologies	On Campus	Rs. 3.60 Lakhs
11	B17CS036	RAHUL VUPPULA	DXC Technologies	On Campus	Rs. 3.60 Lakhs
12	B17CS037	SYED ABDUL MOHSIN	DXC Technologies	On Campus	Rs. 3.60 Lakhs
13	B17CS040	T.RAJA LAXMAN RAO	DXC Technologies	On Campus	Rs. 3.60 Lakhs
14	B17CS042	HARSHINI POLSANI	DXC Technologies	On Campus	Rs. 3.60 Lakhs
15	B17CS043	GAMPA SWAPNA	DXC Technologies	On Campus	Rs. 3.60 Lakhs
16	B17CS044	MALLADI HARSHINI	DXC Technologies	On Campus	Rs. 3.60 Lakhs
17	B17CS045	G.RAGA SINDHUJA	DXC Technologies	On Campus	Rs. 3.60 Lakhs
18	B17CS049	AKASH PONNAM	DXC Technologies	On Campus	Rs. 3.60 Lakhs
19	B17CS050	POLADI SAI SATHVIK RAO	DXC Technologies	On Campus	Rs. 3.60 Lakhs
20	B17CS051	BOLLIKONDA HARSHITHA	DXC Technologies	On Campus	Rs. 3.60 Lakhs
21	B17CS053	MUTHOJU VYSHNAVI	DXC Technologies	On Campus	Rs. 3.60 Lakhs
22	B17CS055	KOLLURU SAKETH	DXC Technologies	On Campus	Rs. 3.60 Lakhs
23	B17CS058	ANUMALA HEMANTH	DXC Technologies	On Campus	Rs. 3.60 Lakhs
24	B17CS063	MANCHALA SURAJ	DXC Technologies	On Campus	Rs. 3.60 Lakhs
25	B17CS072	ANANYA RAVULA	DXC Technologies	On Campus	Rs. 3.60 Lakhs
26	B17CS074	NEHAREDDY.MADADI	DXC Technologies	On Campus	Rs. 3.60 Lakhs
27	B17CS077	MADIREDDY SINDHUJA	DXC Technologies	On Campus	Rs. 3.60 Lakhs
28	B17CS079	G RAJA ROHITH VENKAT SAI	DXC Technologies	On Campus	Rs. 3.60 Lakhs
29	B17CS080	VIGNESH GARRAPALLY	DXC Technologies	On Campus	Rs. 3.60 Lakhs
30	B17CS082	CH NISHMITH SAI REDDY	DXC Technologies	On Campus	Rs. 3.60 Lakhs

31	B17CS088	AYESHA SIDDIQHA	DXC Technologies	On Campus	Rs. 3.60 Lakhs
32	B17CS089	SUDATI NIKHITHA RAO	DXC Technologies	On Campus	Rs. 3.60 Lakhs
33	B17CS092	MANASA PODICHETTI	DXC Technologies	On Campus	Rs. 3.60 Lakhs
34	B17CS102	MYMUNA SULTANA	DXC Technologies	On Campus	Rs. 3.60 Lakhs
35	B17CS104	MD ABRAR MOINUDDIN	DXC Technologies	On Campus	Rs. 3.60 Lakhs
36	B17CS105	ADLURI ROHITH	DXC Technologies	On Campus	Rs. 3.60 Lakhs
37	B17CS108	SOMA NITHISHA	DXC Technologies	On Campus	Rs. 3.60 Lakhs
38	B17CS113	VEMULA SRIJA	DXC Technologies	On Campus	Rs. 3.60 Lakhs
39	B17CS115	MOHAMMED AMAAN	DXC Technologies	On Campus	Rs. 3.60 Lakhs
40	B17CS116	NISCHITHA SHANIGARAM	DXC Technologies	On Campus	Rs. 3.60 Lakhs
41	B17CS121	NBHARATH CHANDRA	DXC Technologies	On Campus	Rs. 3.60 Lakhs
42	B17CS127	SAI SAMYUKTHA GOURISHETTI	DXC Technologies	On Campus	Rs. 3.60 Lakhs
43	B17CS130	SRINIDHI JUNUTHULA	DXC Technologies	On Campus	Rs. 3.60 Lakhs
44	B17CS132	DUGYALA TEJA	DXC Technologies	On Campus	Rs. 3.60 Lakhs
45	B17CS133	GANJI RAKESH	DXC Technologies	On Campus	Rs. 3.60 Lakhs
46	B17CS143	PENDLI DHINESH	DXC Technologies	On Campus	Rs. 3.60 Lakhs
47	B17CS150	GANGADHAR SRI RUPA	DXC Technologies	On Campus	Rs. 3.60 Lakhs
48	B17CS152	SURESH GORRE	DXC Technologies	On Campus	Rs. 3.60 Lakhs
49	B17CS154	KULLA PRAVALLIKA	DXC Technologies	On Campus	Rs. 3.60 Lakhs
50	B17CS162	AKUTHOTA.VIVEK	DXC Technologies	On Campus	Rs. 3.60 Lakhs
51	B17CS173	REETHIKA KSHEERASAGAR	DXC Technologies	On Campus	Rs. 3.60 Lakhs
52	B17CS175	POOJA AILONI	DXC Technologies	On Campus	Rs. 3.60 Lakhs
53	B17CS176	MUNJALA SNEHA	DXC Technologies	On Campus	Rs. 3.60 Lakhs
54	B17CS179	RAJEEV KASHETTI	DXC Technologies	On Campus	Rs. 3.60 Lakhs
55	B17CS004	VEMULA EEKSHITHA	Experian IDC	Off Campus	Rs. 8.00 Lakhs
56	B17CS008	RAMA VIJAY SAI	Experian IDC	Off Campus	Rs. 8.00 Lakhs
57	B17CS017	GEETLA VYSHNAVI	CHUBB	Off Campus	Rs. 6.00 Lakhs
58	B17CS088	AYESHA SIDDIQHA	CHUBB	Off Campus	Rs. 6.00 Lakhs
59	B17CS115	MOHAMMED AMAAN	CHUBB	Off Campus	Rs. 6.00 Lakhs
60	B17CS169	T. SAM SPURGEON	CHUBB	Off Campus	Rs. 6.00 Lakhs
61	B17CS004	VEMULA EEKSHITHA	TCS Codevita	Off Campus	Rs. 3.36 Lakhs
62	B17CS055	KOLLURU SAKETH	TCS Codevita	Off Campus	Rs. 3.36 Lakhs
63	B17CS058	ANUMALA HEMANTH	TCS Codevita	Off Campus	Rs. 3.36 Lakhs
64	B17CS111	V.VAMSHI KRISHNA	TCS Codevita	Off Campus	Rs. 3.36 Lakhs
65	B17CS114	T.UDHBHAV	TCS Codevita	Off Campus	Rs. 3.36 Lakhs
66	B17CS117	BODAKUNTALA MANOJ KUMAR	TCS Codevita	Off Campus	Rs. 3.36 Lakhs
67	B17CS127	SAI SAMYUKTHA GOURISHETTI	TCS Codevita	Off Campus	Rs. 3.36 Lakhs
68	B17CS154	KULLA PRAVALLIKA	TCS Codevita	Off Campus	Rs. 3.36 Lakhs
69	B17CS157	VELISHETTI PRANAYKUMAR	TCS Codevita	Off Campus	Rs. 3.36 Lakhs
70	B17CS169	T. SAM SPURGEON	TCS Codevita	Off Campus	Rs. 3.36 Lakhs
71	B17CS171	TEJASWINI VEMULA	TCS Codevita	Off Campus	Rs. 3.36 Lakhs
72	B17CS066	KATUKURI PRANAY REDDY	Modak Analytics	Off Campus	Rs.4.00 Lakhs
73	B17CS087	MD ZEESHAAN SAQEEB	Modak Analytics	Off Campus	Rs.4.00 Lakhs
74	B17CS021	SRIKRUTHI VEDANTHAM	Tek Systems	Off Campus	Rs. 7.00 Lakhs

