



SIR C.R.REDDY COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi

&

Affiliated to JNTUK

NEWS LETTER

JUNE 2020 TO MAY 2021

COMPUTER SCIENCE & ENGINEERING

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COLLEGE VISION & MISSION

Vision:

To emerge as a premier institution in the field of technical education and research in the state and as a home for holistic development of the students and contribute to the advancement of society and the region.



Mission:

To provide high quality technical education through a creative balance of academic and industry oriented learning; to create an inspiring environment of scholarship and research; to instill high levels of academic and professional discipline; and to establish standards that inculcate ethical and moral values that contribute to growth in career and development of society in general.

DEPARTMENT VISION & MISSION

Vision:

To be a premier department in the region with an integrated teaching, learning and research environment that enables to address the challenges of the core and emerging technologies with social responsibility.



Mission:

M1: Amplify the scholarliness of the students in theoretical and practical areas of the discipline.

M2: Application of knowledge gained to invent and develop new products.

M3: Refreshing the existing technologies to meet the dynamic needs and challenges of the Industry.

M4: Develop innovative technocrats with ethical and social responsibility.

ABOUT THE DEPARTMENT

The Department of Computer Science & Engineering was established in the year 1989 along with the inception of college. The department is offering Under Graduate & Post Graduate programs in CSE & CST respectively. The intake for UG is 180 and for MTech CST are 18. Since the inception the department has regarded enormous growth over the time & met the challenges from the industry from the field of engineering & technical education. The department has a teaching staff with PhD and has the distinction of having staff with M.Tech qualifications only.

The department has modern laboratories to serve the teaching and research needs of the students of the department. The department is well equipped with more than 300 computers with state of the art latest configuration. The students can experience a great facility of a total networked environment. The department is using 10no's of high-end servers for fulfilling the requirements of students.

The students of the department are exposed to co-curricular and extra-curricular activities at the college level, inter college level & university level. The students will be given CRT training for placements that visit our campus for placements. Majority of eligible students will be either absorbed by MNC's for placement or may opt for higher education in India or abroad.

ABOUT HEAD OF THE DEPARTMENT



Details of publications (Journals, Conference papers, Books, Articles, etc)	
No. of SCI/ SCIE/ Scopus Journals:	2
No. of Other Journals:	20
No. of International Conferences:	15
No. of Other Conferences:	12
No. of Book Chapters:	7
No. of Other Publications:	5

ACHIEVEMENTS/AWARDS

- ❖ Member Academic Senate Andhra University
- ❖ Member of Board of Studies in Computer Science & Systems Engineering of Andhra University.
- ❖ Member of Board of Studies in Computer Science of CH. S. D. St. Theresa's Autonomous College for Women, Eluru.
- ❖ Awarded 8 Ph.D's from various reputed state universities.
- ❖ 8 more Ph.D's were under pipeline at various State Universities.
- ❖ Editorial Board of International Journal of Computer Science and Technology (IJCST).
- ❖ Peer-Reviewer for International Journal of Bioinformatics Research and Applications(IJBRA).
- ❖ Peer-Reviewer for journal of computational biology and bioinformatics research(JCBBR).
- ❖ Organizing committee member in the international conference ACSECT-15 conduct from 17th Jan 2015 at Bangkok.

MESSAGES



Principal's Message

I am extremely pleased to write this message for the viewers of our institute. Engineers are not only the people who know how to do things right but who know the right things to do. We at 'Sir C.R.Reddy' try to focus on engineering education to keep pace with mighty changes occurring today in industry, business and society.

We encourage and facilitate leadership qualities in our faculty and students. For this engineering students shall develop required attributes and knowledge beyond traditional constraints of class rooms. An engineering student shall realize that he has to create connections and stronger partnerships in the global society in which he is embedded. I am glad to say that the college website is resourceful in numerous ways.



HOD Message

I welcome you all to the creative world of CSE. I believe the CSE discipline has been widely recognized as an essential source and technique for the advancements in all spheres of human Endeavour now and in future, all the students gets the opportunity to excel in their academic activities. This is the department where students publish papers in international journals, at the same time a student wishing to achieve some recognition in extra-curricular or co-curricular activities will also find the atmosphere helpful.

The department has a team of highly experienced and motivated faculty members who are in process of tuning the young minds to make them globally competitive. The strength of the department is highly motivated students who understand the dynamics of the industry and upgrade their skills accordingly. The scope of computer science is endless. As a result, our students acquire critical thinking capabilities as well as practically oriented skills that are prized by the prestigious companies and academic institutions.

STAFF ACHIEVEMENTS

ACADEMIC ACHIEVEMENTS OF STAFF(2020 -21)

Faculty as Participants in FDP / Training Activities / STTPs for CAYml (2020–2021)

S.No	Name of the faculty	Date	Days	FDP/Training Activities/STTPs	Organized By
1	Dr M Krishna	23 rd Nov 2020 to 27 th Nov 2020	5	Data Science Using Python	ATAL Sponsored FDP, Government Polytechnic Gandhinagar
2	Dr M Krishna	5 th Oct 2020 to 10 th Oct 2020	1 week	Privacy and Security in IOT	Anil Neerukonds Institute of Technology & Science
4	J S V G Krishna	1 st July 2020 To 28 th July 2020	28	AI And Deep Learning	360 Digi Trng & Apssdc
5	J S V G Krishna	24 th Nov 2020 to 28 th Nov 2020	5	Internet Of Things	ATAL Sponsored FDP. Gajanan Rangrao Patil Army Institute Of Technology, Maharashtra.
6	Dr. G. Nirmala	5 th Oct 2020 to 9 th Oct 2020	5	Five days Online FDP on "Block Chain "	National Institute of Technology, Meghalaya conducted by AICTE(ATAL)
7	Dr. G.Nirmala	19 th Jan 2021 to 23 rd Jan 2021	5	Five days Online FDP on "Data Sciences	Gudalvalleru Engineering College. Conducted By AICTE" (ATAL)
8	Dr N. Deepak	18 th Jan 2021 to 22 nd Jan 2021	5	Machine Learning And Pattern Recognition	[ATAL]

9	Dr N. Deepak	28 th Dec 2020 to 1 st Jan 2021	5	Artificial Intelligence	[ATAL]
10	K. Sreenu	31 th Aug 2020 To 4 th Sep 2020	5	"Machine Learning And Data Science".	Organized By Department Of Computer Science And Engineering In Technical Association With IEEE Bangalore Section.
11	K. Sreenu	14 th Sep 2020 To 19 th Sep 2020	7	"Artificial Intelligence Using Python".	Brainovision Solutions India Pvt, Ltd, & National Youth Council Of India.
12	K.N.Madhavi Latha	2 nd Nov 2020 To 6 th Nov 2020	5	FDP	AICTE Training And Learning (ATAL) Academy Online FDP, Government Engineering College Gandhinagar Gujarat
13	CH.Deepthi Kothapalli	1 st July 2020 To 28 th July 2020	60 Contact Hours (2.5 DAY S)	APSSDC Online FDP On "AI And Deep Learning".	Andhra Pradesh State Skill Development Corporation (APSSDC).
14	CH.Deepthi Kothapalli	21 st Sep 2020 To 25 th Sep 2020	5	Aicte Training And Learning (ATAL) Academy Online FDP On "Internet Of Things (IOT)".	National Institute Of Electronics And Information Technology(NI ELIT) GANGTOK.
15	K. Varada Rajkumar	14 th Dec to 18 th Dec 2020	5	Internet Of Things (Iot)	Koneru Lakshmaiah Education

STAFF ACHIEVEMENTS

					Foundation (ATAL)
16	M.Ganesh Babu	8 th June 2020 To 12 th June 20	5	Fdp- Skill Development Research And Teaching Learning Process	Anits
17	M.Ganesh Babu	14 th Sep 2020 To 19 th Sep 2020	6	Fdp-Ai Using Python	Braino Vision
18	G.satyanarayana	23 rd Nov 2020 TO 27 th Nov 2020	5	FDP -D ata Science using Python	ATAL
19	G.satyanarayana	7 th Dec 2020 To 11 th Dec 2020	5	FDP -Internet of Things (IoT)	ATAL
20	S.K.Chaitanya.R	31 st Aug 2020 to 5 th Sep 2021	5	Android Development with Kotlin	Google Developers
21	S.K.Chaitanya.R	18 Jan 2021 to 22 Jan 2021	5	Artificial Intelligene and Machine Learning	ATAL
22	Samparathi V S Kumar	8 th June 2020 To 12 th June 2020	5	Skill Development For Effective Research And Teaching - Learning Process	Anits
23	Samparathi V S Kumar	15 th June 2020 To 20 th June 2020	6	Applied Machine Learning And Deep Learning	Apssdc
24	Samparathi V S Kumar	5 th April 2021 To 9 th April 2021	5	5- Day Workshop On Technical Report Writing Using Latex	VIT AP
25	P Naga Deepthi	23 rd Nov 2020 - 27 th Nov 2020	5 Days	FDP	ATAL Sarvajanic College Of Engineering Technology

STAFF ACHIEVEMENTS

26	M. MadhavaRao	5 th Oct 2020 to 9 th Oct 2020	5	"Internet of Things (IoT)"	Rajkiya Engineering College Sonbhadra.
27	M. MadhavaRao	7 th Dec 2020 to 11 th Dec 2020	5	FDP on Cyber Security	ATAL National Institute of Technology, Arunachal Pradesh.
28	CH.Sriniavas	July 13 th 2020 To July 17 th 2020	5	Block Chain Technology	Andhra Pradesh State Skill Development Corporation (Apsddc)
29	CH.Sriniavas	23 rd Nov 2020 to 27 th Nov 2020	5	"Data Science using Python"	ATAL- Government Polytechnic Gandhinagar
30	CH.Sriniavas	19 th Jan 2021 to 23 th Jan 2021	5	Fdp on Data Sciences	Gudlavalleru Engineering College
31	V Shariff	23 rd Nov 2020 To 27 th Nov 2020	4	Fdp-Data Science Using Python	All India Council For Technical Education
32	V Pranav	1 st June 2020 to 13 June 2020 to	13	A Two-Week Online FDP on "Web Designing using ReactJS"	APSSDC
33	V Pranav	26 th June 2020	1	One Day International e-Workshop on "Angular JS to make Web Apps Faster"	Sir C R Reddy College of Engineering
34	V Pranav	23 rd Nov 2020 to 27 th Nov 2020	5	A Five-Day Online FDP on "Data Science using Python"	AICTE Training and Learning Academy & Government Polytechnic, Gandhinagar
35	S.JayaPrakash	26 th Oct 2020 to 30 th Oct 2020	5	Cloud Computing	ATAL-Beant College of Engineering and Technology, Gurdaspur
36	S.JayaPrakash	28 th Dec 2020 to 1 st Jan 2021	5	FDP on Artificial Intelligence	ATAL- NIT Tiruchirappalli
37	T Koti Mani Kumar	28 th Dec 2020 to 1 st Jan 2021	5	Artificial Intelligence	ATAL- NIT Tiruchirappalli
38	Rama Lakshmi B	29 th May 2021	4WE EKS	FDP	Duck University
39	Rama Lakshmi B	26 th April 2021 to 30 th April 2021	5	FDP- Masters on Deep Learning	Pantech Solutions
40	Dr.B.Madhav Rao	23 rd Nov 2020 to 27 th Nov 2020	5	Data Science using Python	Government Polytechnic Gandhinagar
41	Dr.B.Madhav Rao	1 st Feb 2021 to 5 th Feb 2021	5	Cyber Security	Jawaharlal Nehru National College of Engineering
42	Dr.B.Madhav Rao	18 th Jan 2021 to 22 Jan 2021	5	Machine Learning and Pattern Recognition	MET's Institute of Engineering

STAFF ACHIEVEMENTS

Number of quality publications in refereed / SCI Journals, Citations for Academic Year (2020 – 2021)

S.No	Name of the Authors	Title of the Paper/Book	Name of the Journal	Index	UGC/SCI/SCOPUS Journals	DOI	Citations
1	Dr Deepak Nadumuri	An Efficient Bluetooth Scatternet Communication Algorithms For Dynamic Environments	Journal Of Critical Reviews	VOL. 7, ISSUE 93	SCOPUS	doi: 10.31838/jscrr.07.03.732	0
2	Dr Deepak Nadumuri S.M.B. Chowdary S. Jaya Prakash M. Krishna Jay Gopala Krishna K. Sudhakar Dr B. Lokeshwara Rao	A Comparative Study of Protein Kinase Domain Regions for MAPK 1-14	SPRINGER link	Intelligent System Design pp 369-376	SCOPUS	doi.org/10.1007/978-981-15-5460-1_38	0
3	Jay Gopala Krishna K. Sudhakar Dr B. Lokeshwara Rao	Meta Data Management and its governance using Big Data Tools	High technology letters	ISSN NO : 1000-0748 Volume 26, Issue 11, 2020	SCOPUS	---	0
4	Ch. L. V. Meenudulatha Dr. O. Nirmala	A Scalable Method for Detection of Hate Speech by Collecting Hateful and Offensive Expressions	IJRECE	VOL. 7 ISSUE 3 JULY-SEPT 2019	UGC		0
5	Konda Sreenu, Dr. B. R. Sreenivasa reddy	A Hybrid multi-level disease filtering framework using biomedical documents and ICD drug discovery	European Journal of Molecular & Clinical Medicine	2020, Volume 7, Issue 11, Pages 7376-7380	SCOPUS	ISSN 2515-8260 (online)	0
6	Naga Madhavi LatikaKakarla Alitheemasani andini	Novel Classification Technique to Reduce Sensors Deployment from Large and Vary Profiling Environment	International Journal of Research in Electronics and Computer engineering	VOL. 8 ISSUE 3	UGC		0
7	Gunugunala Satyanarayana Kotturisi Channala	An Improved Approach For Probabilistic Dual Source Location Privacy Protection Scheme In WSN	IJRECE VOL. 8 ISSUE 3 JULY-SEPT. 2020	ISSN: 2348-2281	UGC		0
8	K. Varada Raj kumar Dr. K. Subrahmanyam	Analysis Of Principal Components And Classification Enhancement For Rainfall Prediction	Indian Journal of Computer Science and Engineering (IJCSSE)	Vol. 12, No.2	SCOPUS	10.21817/indjcsse/20211202047	0
9	B Madhav Rao, M. Sampath Kumar	A Survey on Different Methods used for Analysis of Protein-Protein Interaction Network	International Journal of Innovative Engineering and Management Research	ISSN NO: 2456-5083, Volume 9, Issue 12, 2019, pp.446-452	UGC		0
10	B Madhav Rao, M. Sampath Kumar	Preprocessing of Colorectal Cancer Protein Expressions Using Correlation Co-Efficient Factor and Disease Score	International Journal of Research in Electronics and Computer Engineering	ISSN: 2348-2281, Vol.9 Issue 1, 2019 PP 40-45	UGC		0
11	T. N. S. Koti Kumar	A Textbook of Programming in C	Published by Pandit Publications	ISBN: 978-93-89044-22-5			

Publications 2020-2021

STAFF ACHIEVEMENTS

Number of quality publications in Conferences for Academic Year (2020 –2021)

S.No	Date	Name of the Authors	Title of the Paper	Details of the Conference
1	OCT 2020	Dr Krishna Marlapalli, Bandlamudi S B P Rani, Dr Rambabu Busi, Vallabhaneni Pranav, B Madhava Rao	A Review on Image Compression Techniques	International Conference on Information System Design and Intelligent Applications
2	11 Aug 2020	Dr Deepak Nedunuri S. M. B. Chowdary S. Jaya Prakash M. Krishna	A Comparatives Study of Protein Kinase Domain Regions for MAPK 1-14	International Conference on Computer Vision and Machine Learning
3	4 th & 5 th DEC 2020	P Naga Deepthi, K N Madhavi Latha, K Swathi	Prominent Features in Sleep Disorder Disease in Bioinformatics Using Relevant Data	International Conference on Computational and Bio Engineering

Publications in Conferences (2020-2021)

STUDENT ACHIEVEMENTS

ACADEMIC ACHIEVEMENTS OF STUDENTS(2020 - 21)

Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/GATE/ CLAT/GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

S. No	Regd.No	Name of the student	Score
GRE			
1	17B81A05G3	UNDAVALLI.DEEKSHITA	313
2	17B81A0562	GUNTURU JASWITH CHOWDARY	314
3	17B81A05C8	SAI KOUSHIK POTUPUREDDI	319
4	17B81A0585	K.SOAM BABU	319
5	17B81A05E3	LAVANYA SENAGA	316
6	17B81A05A4	AMBICA.MOKAPATTI	324
7	17B81A0517	ANNE.SURAJ KRISHNA	317
8	17B81A05G6	GANESH VEMURI	324
TOFEL			
1	17B81A0585	K.SOAM BABU	93
2	17B81A0517	ANNE.SURAJ KRISHNA	97
ILETS/DULINGO			
1	17B81A0544	BHAVYA GANGAVARAPU	7
2	17B81A05C8	SAI KOUSHIK POTUPUREDDI	7.5
3	17B81A05G3	UNDAVALLI.DEEKSHITA	100
4	17B81A05A4	AMBICA.MOKAPATTI	6.5
5	17B81A05G6	M.GANESH	130
6	17B81A05E3	LAVANYA SENAGA	105
7	17B81A0540	EAGALA DEVIKA	7

❖ CLASS TOPPERS DURING THE ACADEMIC YEAR 2020 - 2021

SNO	Register No	CGPA	Branch & Year	Type of Achievement
1	17B81A0593	8.91	CSE IV/IV 1 st SEM	1 st Position
2	17B81A05E2	8.91	CSE IV/IV 1 st SEM	1 st Position
3	17B81A05G5	8.91	CSE IV/IV 1 st SEM	1 st Position
4	17B81A0593	9.13	CSE IV/IV 2 nd SEM	1 st Position
5	17B81A05B4	9.13	CSE IV/IV 2 nd SEM	1 st Position
6	18B81A0522	9.00	CSE III/IV 1 st SEM	1 st Position
7	18B81A0542	9.00	CSE III/IV 1 st SEM	1 st Position
8	18B81A0516	9.29	CSE III/IV 2 nd SEM	1 st Position
9	19B81A05G3	8.71	CSE II/IV 1 st SEM	1 st Position
10	19B81A05G3	8.38	CSE II/IV 2 nd SEM	1 st Position



❖EXAMINATION RESULTS DURING THE ACADEMIC YEAR 2020-21

SNO	Course	Branch	Appeared	Passed	%Pass
1	IV/IV B.Tech 1 st Sem	CSE	181	144	79%
2	IV/IV B.Tech 2 nd Sem	CSE	181	161	88%
3	III/IV B.Tech 1 st Sem	CSE	190	127	66.8%
4	III/IV B.Tech 2 nd Sem	CSE	191	159	83.2%
5	II/IV B.Tech 1 st Sem	CSE	203	123	60.5%
6	II/IV B.Tech 2 nd Sem	CSE	203	86	42.3%



PLACEMENTS

S.No	Name of Company	No of Students placed
1	Infosys Tq	5
2	TCS	15
3	Efftronics	4
4	HCL Technologies	1
5	Wipro	20
6	Tech Mahindra	5
7	Infosys	22
8	FIS	4
9	Centime	1
10	Accenture	32
11	Mindtree	6
12	Brightex	1
13	IBM	2
14	Cap Gemini	8
15	Apps Associates	1
16	Reva Solutions	1
17	Mphasis	1
18	NNIT	1
19	Sopra Steria	1
20	Netcracker Technology Solutions	1
21	Cognizant	23
22	TATA ELXSI	1
23	Tecnics	2
	Total	158

TECH KNOW CLUB

STAFF COORDINATORS



Samparathi V S Kumar
Assistant Professor



K Swathi
Assistant Professor

STUDENT COORDINATOR



K PAVAN KUMAR

OBJECTIVES

- ❖ To bring communication awareness among the students.
- ❖ Make the students capable of expressing their views without fear.
- ❖ To observe things from other points of view.

ACTIVITIES

- ❖ Every week on monday, the events are conducted.
- ❖ Communication exercises and to develop speaking skills.
- ❖ Meeting and interacting with students in the context of a social and intellectual activity.
- ❖ Many events like group discussion etc., are conducted every month.

