SIR C.R.REDDY COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi

&

Affiliated to JNTUK

NEWS LETTER

JUNE 2019 TO MAY 2020

COMPUTER SCIENCE & ENGINEERING

EDITORIAL BOARD

Editor-in-Chief:
Dr.G.Sambhasiva Rao
Professor, ME Principal.

Editors:

Dr. A.YesuBabu,
Professor HOD, CSE.

Dr.M.Krishna,
Professor,CSE.

Student Editors:

Baggu.prameela(IV CSE)

Botsa.Purnima(IV CSE)

Maganti.Murali(IV CSE)

Tadikalapudi.Bhanuja devi(IV CSE)

A.Chaitanya(III CSE)

Ch.Bala Lakshmi(III CSE)

K.M.Sai Varun(III CSE)

N.Himagiri Mohana(III CSE)

K.Aamani(II CSE)

B.Padmini Sowjanya(II CSE)

K.Krishna Reddy(II CSE)

P.Mani mohan(II CSE)

CONTENTS

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 forplacements. Majority of eligible students will be either absorbed by MNC's for placement or may opt for higher education in India or abroad.
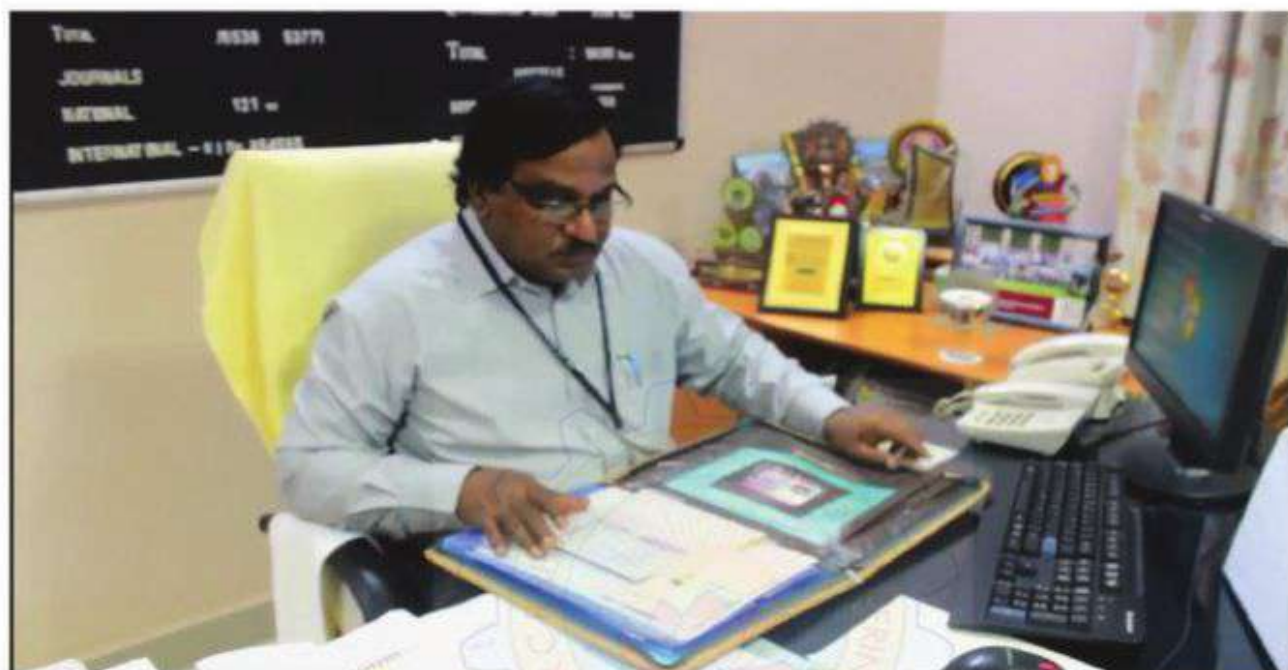
ABOUT HEAD OF THE DEPARTMENT

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(2019 -20)

❖ NUMBER OF STAFF ATTENDED TO DIFFERENT CONFERENCE/ WORKSHOPS :24

S.No	Name of the faculty	Date	Days	FDP/Training Activities/STTPs	Organized By
1.	Dr M Krishna	27-04-20 to 01-05-20	5	" R Programming"	Jointly organized by Spoken Tutorial Project, IIT Mumbai & P. G. Department of Computer Application, P. R. Pote College of Engineering & Management, Amravati.
2.	Dr M Krishna	22-05-2020 to 26-05-2020	5	Artificial Intelligence	Department of Information Technology, SIR C.R Reddy College of Engineering, in association with National Youth Council of India and BrainoVision Solutions India Pvt. Ltd.
3.	J.S.V. Gopala Krishna	18-5-20 To 30-5-20	14	PYTHON programming(FDP)	APSSDC, Amaravathi
4.	Dr.G.Nirmala	27-1-2020	15	Soft Computing	GEC College of engineering, Gudlavalleru
5.	KondaSreenu	31-08-2020 To 04 -09-2020	5	Machine Learning And Data Science	Organized By Department Of Computer Science And Engineering In Technical Association With IEEE Bangolore Section.
6.	KondaSreenu	14-09-2020 To 19-09-2020	5	Artificial Intelligence Using Python	Brainovision Solutions India Pvt, Ltd, & National Youth Council Of India.
7.	K N MadhavaiLatha	02-11-2020 to 06-11-2020	5	Cloud Technology	ATAL by Government Engineering College Gandhinagar Gujarat.
8.	K N MadhavaiLatha	20-04-2020 to 24-04-2020	5	Internet of Things(IoT)	ATAL by National Institute of Technical Teachers Training And Research, Chandigarh.
9.	K. ChaitanyaDeepthi	21-9-2020 to 25-9-2020	5	Internet of Things (IoT)	AICTE Training And Learning (ATAL) Academy
10.	K. ChaitanyaDeepthi	27-5-2020 to 31-5-2020		Block Chain	ATAL
11.	K. VaradaRajkumar	14-12-2020	5	Internet Of Things (Iot)	Koneru Lakshmaiah Education Foundation (ATAL)
12.	M.GaneshBabu	26-04-21 To 01-05-21	6	Fdp	Kamala Nehru Maha Vidyalaya,Nagapur
13.	G.Satyanarayana	22/6/2020 To 26/6/2020	5	Effective Teaching Learning Strategies In Technical Education	National Institute Of Technical Teachers Training And Research
14.	G.Satyanarayana	28-10-2019 To 02-11-2019	6	Research Methodology	Jntuh
15.	Ch Rama Devi	11-08-20 to 09-10-20	8 weeks	FDP on Introduction to Research	NPTEL

16.	Samparthi V S Kumar	15-06-2020 To 20-06-2020	6	Applied Machine Learnig And Deep Learning	APSSDC
17.	P Naga Deepthi	25-05-2020 to 30-05-2020	6	FDP on Artificial Intelligence And Its Applications	360 DigiTmg
18.	VahiduddinShariff	05-02-2020 To 07-04-2020	8 weeks weeks	FDP on Introduction to Research	NPTEL
19.	V Pranav	15-07-2019 to 19-07-2019	5	A Five - Day IUCEE & APSSDC Workshop on "Knowledge Representation & Reasoning by Integrating Aritificial intelligence and Machine Learning"	Vignan Deemed to be University
20.	V Pranav	20-04-2020 to 24-04-2020	5	A Five - Day Online FDP on "Internet of Things"	AICTE Training and Learning Academy & NITTTR, Chandigarh
21.	S.JayaPrakash	18-5-2020 to 30-5-2020	12	PYTHON programming	APSSDC
22.	T N S Koti Mani Kumar	18-5-20 To 30-5-20	14	PYTHON programming (FDP)	APSSDC
23.	Rama Lakshmi B	Sep - 2020	12 Weeks	Introduction to Machine Learning	NPTEL
24.	Dr. B. MadhavRao	18-5-2020 to 30-5-2020	12	PYTHON programming	APSSDC

STAFF ACHIEVEMENTS

Publications in Conferences for Academic Year (2019 –2020)

S.No	Date	Name of the Authors	Title of the Paper	Details of the Conference
1	May 2019	Dr AdimulamYesuBabu , Deepak Nedunuri, Ch Madhava Rao	Computational prediction and validation studies on a diverse dataset of COX-2 inhibitors	International Conference on Computer Vision and Machine Learning
2	11 august 2020	Dr Deepak Nedunuri S. M. B. ChowdaryS. 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	12-12-2019	Sri Krishna Chaitanya Rudraraju and Samparthi V S Kumar	Dynamic design and implementation of security intelligence for industry	Journal of Physics
4	May 2019	Chalasani Srinivas, Sri Krishna Chaitanya Rudraraju and Vemuri Jayamanasa	New classification scheme for autoclave security data sets using data mining patterns	International conference on computer vision and machine learning
5	May 2019	K Purna Prakash Dr M Krishna and M Satya Vijaya	Data productive collaborative filtering using deep learning based recommender model	International conference on computer vision and machine learning

Dept. of Computer Science & Engineering

STAFF ACHIEVEMENTS

Number of quality publications in refereed / SCI Journals, Citations for Academic Year (2019 – 2020)

S.No	Name of the Authors	Title of the Paper	Name of the Journal	Index	UGC/SCI'S COPUS Journals	DOI	Citations
1	Krishna M V sheriff S.B.P. Rani Bandlamudi Chaitanya Rudaraju	Intrusion Filtration System (IFS) - Implementation of Security Model	International Journal of Engineering and Advanced Technology (IJEAT)	Vol-8 Issue-6,	SCOPUS	DOI 10.35940/ijeat.F8697.08 8619	0
2	Dr Deepak Nedunuri	Systematic Spatial Keyword Perception Suggestive Travel Route Recommendation Algorithm	International journal of research in electronics and computer engineering	Vol-7, Issue-1	UGC		0
3	Dr Deepak Nedunuri	A Novel Approach For Travel Route Recommendation Algorithm Using Systematic Spatial Keyword	International journal of research in electronics and computer engineering	Vol-7, Issue-3	UGC		0
4	Dr Deepak Nedunuri S. M. B. Chit S. Jaya Prakash M. Krishna	A Comparative Study of Protein Kinase Domain MAPK 1-14	Advances in Intelligent Systems and Computing	vol 1171	SPRINGER	10.1007/97 8-981-15-5400-1_38	0
5	J.S.V.G. Krishna M.Venkateswara Rao Kattupalli Sudhakar	Enormous Information Examination using Big Data in a Distributed Environment with Profound Learning of Next Generation Interruption Identification Framework Enhancement	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	ISSN: 2278-3075, Volume-9 Issue-1 November 2019	SCOPUS	---	0
6	J.S.V.G. Krishna M.Venkateswara Rao Kattupalli Sudhakar	Various Algorithms & Techniques Driving Data Science for Big Data	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	ISSN: 2278-3075, Volume-9 Issue-5 March 2020	SCOPUS	---	0
7	Ch. L V Mrudhulatha Dr. G. 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
8	Naga Madhavi Latha Kakarla, Dr. G. Rama Mohan Babu	A novel approach for identification of possible GSK 3β inhibitors using computational virtual screening analysis of drugs	Int. J. Computational Biology and Drug Design	Vol. 12, No. 4	SCOPUS	10.1504/IJC BDD.2019. 104308	0
9	Naga MadhaviLat haKakarla, Dr. G. Rama Mohan Babu	Analysis on soft fuzzy clustering methods to cluster drugs from virtual screening paradigm as probable GSK-3 beta inhibitors against Diabetes	Journal of Advanced Research in Dynamical & Control Systems	Vol 11, Special Issue-06	SCOPUS	1944-1X2AX	0
10	M.Ganesh Babu	Super Resolution Image Reconstruction Using Iterative Regularization Method and Feed –Forward Neural Networks	Journal of Physics Conference Series	Vol-3	UGC	doi:10.1088/ 1742-6596/1229/1 /012021	0
11	G. Satyanarayana N.Krishna Chaitanya	Enhanced Localization in Wsn	Ijrece Vol 7	Issn 2348-2281	UGC		
12	Rama Devi Ch Radhika Y	A machine Learning Access for selection of influential variables of several ITK Inhibitors using Regression Research	IJRTE	ISSN: 2277-3878	UGC	DOI:10.359 40/ijrte.B11 71.0982581 9	0
13	P Naga Deepthi, Dr Anitha Raju	Applications of Network Analysis in Bioinformatics	CRE 2019	Vol 16 ISBN 978-3-020-46943-6	SPRINGER	doi 10.1007/978 -3-020-46943-6_9	0
14	P Naga Deepthi, Ram Anitha K Swathi	A review on bioinformatics using data mining techniques	Journal of Physics Conference Series	1228 (2019) 012033	UGC	doi:10.1088/ 1742-6596/1228/1 /012023	0
15	Chintala Bhanu Prakash , V Pranav	Providing an Adaptive Setup for Media-Content Sources	International Journal Of Research In Electronics And Computer Engineering	VOL 7 ISSUE 1	UGC		0
16	B Madhav Rao, M, Sampath Kumar	Preprocessing of Breast Cancer Protein Expression 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 40-43	UGC		0
17	B Madhav Rao	Analysis of Pruned Protein Interaction Network Using Diffusion Method	International Journal of Research in Electronics and Computer Engineering	ISSN:2348-2281,Vol 9 Issue 1,2019 PP 40-43	UGC		0

Dept. of Computer Science & Engineering

STUDENT ACHIEVEMENTS

ACADEMIC ACHIEVEMENTS OF STUDENTS(2019 - 20)

❖ GATE - 2019 QUALIFIED STUDENTS:**01**

GATE/PGCET QUALIFIED STUDENTS

S. No	Regd.No	Name of the student	SCORE	RANK
1	316177110094	M T Likhitha Sri	39	1216 (PGCET)

❖ GRE/IELTS QUALIFIED STUDENTS DURING THE ACADEMIC YEAR 2019 - 20 : **03**

GRE/IELTS QUALIFIED STUDENTS

S. No	Regd.No	Name of the student	SCORE
1	316177110074	Lal Krishna Kondapaneni	160(GRE)
2	316177110138	Mothukuri Rushika	6.0 (IELTS)
3	316177110162	Tummala Sai Prakesh	7.5(IELTS)

❖ CLASS TOPPERS DURING THE ACADEMIC YEAR 2019 - 2020

SNO	Register No	Name of the Student	CGPA	Branch & Year	Type of Achievement
1	316177110118	P KAVYA SREE	8.84	CSE IV/IV	1st Position
2	316177110120	P MADHAVI NAGA LATHA	8.82	CSE IV/IV	2nd Position
3	17B81A0593	M CHARITHA	9.02	CSE III/III	1st Position
4	17B81A05E2	S REVATHI	8.87	CSE III/III	2nd Position
5	18B81A05A6	NAGINENI PRIYANKA	9.06	CSE II/II	1st Position
6	18B81A05B0	NIDUMOLU PRAVALLIKA NAGA SUDHA	8.7	CSE II/II	2nd Position

❖EXAMINATION RESULTS DURING THE ACADEMIC YEAR 2019-20

S No	Course	Branch	Appeared	Passed	% Pass
1	IV/IV B.Tech 1st Sem	CSE	182	166	91.20%
2	IV/IV B.Tech 2nd Sem	CSE	182	182	100%
3	III/IV B.Tech 1st Sem	CSE	181	142	78.45%
4	III/IV B.Tech 2nd Sem	CSE	181	146	80.66
5	II/IV B.Tech 1st Sem	CSE	192	100	52.08%
6	II/IV B.Tech 2nd Sem	CSE	191	140	73.29

TECH KNOW CLUB

STAFF COORDINATORS

Samparthi V S Kumar

Assistant Professor

K Swathi

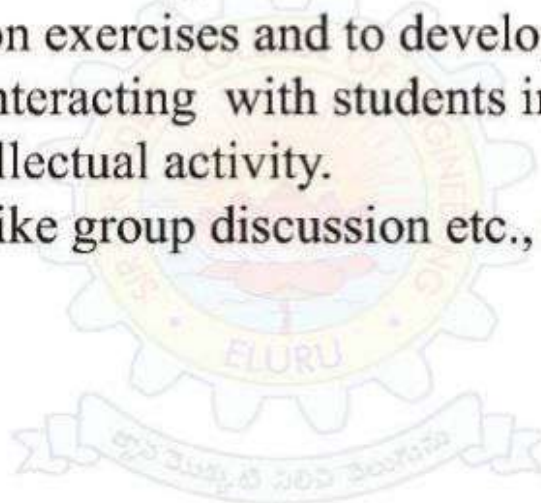Assistant Professor

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.

PLACEMENTS

(UPTO MAY 2020)

s.no	company	Number of students placed
1	TCS	15
2	ZENSAR	1
3	EFFTRONICS	4
4	CGI	1
5	JUSTDIAL	1
6	INFOSYS	4
7	WIPRO	5
8	COGNIZANT	12
9	IBM	3
10	ACCENTURE	1
11	IVIS	1
12	SHELLPRO	12
13	ATOS - SYNEL	1
14	TECH MAHINDRA	4
15	CLOUD MELLOW	5
16	WESTLINE SHIPPING	5
17	VEE TECHNOLOGIES	1
18	TECH RIDGE STAFFING	5
19	YOSNAPPS	5
20	HCL	1
21	MINDTREE	1
22	WNS	1
23	BORN	1
	Total Participants	90

EVENTS

Python Workshop

Android Workshop

సీఆర్ఆర్లో ఆండ్రాయిడ్ స్టూడియో అంశంపై వర్క్షాప్