



# DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



LETTER

NEWS



## Recognitions



2019-20

ISSUE - III (JAN - MAR)

## LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)

Accredited by NAAC & NBA (Under Tier - I), ISO 9001:2015 Certified Institution

Approved by AICTE, New Delhi. and Affiliated to JNTUK, Kakinada

L.B. REDDY NAGAR, MYLAVARAM, KRISHNA DIST., A.P.-521 230.

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## Editorial Board

1. **Dr.D.Veeraiah**
2. **Dr.M.Srinivasa Rao**
3. **Mr.G.Balu Narasimha Rao**
4. **R.Naga Priyanka - CSE I**
5. **S.Pradeep - CSE II**
6. **K.Roshini - CSE II**
7. **A.Lokesh - CSE III**

- ✚ *FDP/Guest Lectures / Workshops Organized*
- ✚ *Faculty Achievements*
- ✚ *Faculty Publications*
- ✚ *Research Colloquium*
- ✚ *NPTEL/Industrial Visit*
- ✚ *Workshops Attended by Faculty*
- ✚ *Institute Industry Interaction*
- ✚ *MOU's In-Plant Training*
- ✚ *Students Achievements*
- ✚ *Student Internships*
- ✚ *Student Results-Toppers*
- ✚ *Placement Details*
- ✚ *Sports details*
- ✚ *NSS / NCC / Saheli*

## Department of Computer Science & Engineering

The Computer Science & Engineering (CSE) department was established in 1998, offers Undergraduate program (B. Tech.) in CSE and Post-graduate program (M. Tech) in CSE. The B.Tech program was started in the year 1998 with an intake of 40 students. The intake was subsequently increased to 60 students in the year 1999, 90 students in the year 2008 and 120 students in the year 2009. The M.Tech was started in the year 2008 with an intake of 18 students. The department is having well qualified and experienced faculty members. Seven of the faculty members are doctorates and remaining are postgraduates. The faculty is a perfect blend of different specializations in Computer Science and Engineering to impart their expertise in handling diversified courses of the UG and PG programs. The teaching methodology in the department goes beyond fulfilling the syllabus requirements of the University, to meet the today's industry needs. Faculty motivates and guides the students to do mini projects in core subjects. Special focus will be given to develop Communication and Soft Skills. The department is having strong association with industries to uplift the student's practical knowledge.

An R&D centre has been established in the department to take up Research projects and also to cater to the needs of faculty, who are doing their Research work. The focus areas of the department for R&D activities identified are Networking & Client Server Technology, Data Mining and Network Security. The department of CSE has been recognized as the research centre by JNTUK , KAKINADA and KRISHNA UNIVERSITY,MACHLIPATNAM. The department of CSE also has the collaborations with the premier industries like CISCO, IBM and MICROSOFT and has established their excellence centres in the department.

The student's success rate is above 87% during the previous 5 years. All the laboratory of the department is established spaciouly with additional equipment. The equipment student ratio is maintained as 1:1. Additional experiments are being conducted in each lab to facilitate the students towards more practical exposure. In addition to the Central Library, a Library is functioning in the department with 960 volumes to extend reference facility to the faculty and students. Audiovisual classes are conducted as per Time-Table to gain the information regarding latest technologies in the field of Computer Science. Internet facility is provided to students also, so that they can survey literature for the purpose of paper presentations, Mini Projects, Term Papers and Projects.

## Conferences Organized

Conferences/STTPs organized : STTP\_1 (organized under CSI)

Date : From 06-01-2020 to 11-01-2020 Duration : 6 Days

Name of the Coordinators : Dr. S. Naganjaneyulu, Mr. P. Vamsi Naidu, Mr. Ch. Samba Siva Rao.

Title of the Conference/ STTP	No. of Participants	Name of Resource Person	Name of Organization/ Institute
One Week Training on Problem Solving using Python	75	Mr. Perichiappan	Amphisoft Solutions. Chennai



Dr. D. Veeraiah, HOD, Department of CSE addressing students During the training



Students are practicing Python fundamentals during the training program

Workshops/Seminars/Certification programs conducted: Seminar\_01 (Under CSI)

Duration : 1 day

Name of the Coordinators : Mr. P. Vamsi Naidu , Mr. Ch. Samba Siva Rao Date : 28-01-2020

Title of the Workshops/Seminars/ Certification program	No. of Participants	Name of Resource Persons	Name of Organization/ Institute
One Day Seminar on Applications of Artificial Intelligence (CSI)	120	Dr. E Srinivasa Reddy, Principal	Acharya Nagarjuna University.Guntur



DR. E. Srinivasa Reddy garu Addressing the students



DR. E. Srinivasa Reddy garu Addressing the students

**Workshops/Seminars/Certification programs conducted: Workshop\_01****Name of the Coordinators** : Dr. D. Veeraiah, Dr. P. Ashok Reddy, Mr. S. Srinivasa Reddy.**Date** : 02-03-2020 to 11-03-2020**Duration** : 8 days

Title of the Workshops/ Seminars/ Certification program	No. of Participants	Name of Resource Persons	Name of Organization /Institute
Eight Days Workshop on 'Augmented Reality & Virtual Reality	70	Mr. Anil Kumar Alla EDURIDGE	EDURIDGE Hyderabad

**Faculty attended Conferences/Workshops/Certification Courses (External)**

Name of the Faculty	Name of the Conference	Institute/ Organization	Duration (From....to.)
Dr.D.Veeraiah J. Nageswara Rao	ICICT-2020	RVS Technical Campus	Mar 2020
Shaik Johny Basha	One Day Blended Mode Workshop on "Arduino"	Teaching Learning Centre (ICT) at IIT Bombay	08/02/2020
	One Day Blended Mode Workshop on "C and C++"	Teaching Learning Centre (ICT) at IIT Bombay	29/02/2020
	Computer Networks	TCS iON Digital Learning Hub	Mar 2020
	Master Data Management for Beginners	TCS iON Digital Learning Hub	Mar 2020
	Email Etiquette	TCS iON Digital Learning Hub	Mar 2020
	Introduction to Soft Skills	TCS iON Digital Learning Hub	Mar 2020
Mr.N.Srinivasa Rao	Three days "Wipro Talent Next - Advanced Technology Program AI/ML".	Wipro campus Bangalore	05 to 7th Feb 2020
Mr.P.Vamsi Nadiu	Workshop on Moodle	IIT Bomabay	Jan 2020

**Faculty Publications**

Title of the Paper	Name of Author/s	Name of Journal	Year of Publication	ISSN Number
Discernment Of Objects Using Common Objects Context Dataset	Dr.D.Veeriah	Jour of Adv Research in Dynamic & Control Systems	Mar, 2020	10.5373/JAR DCS/V12I2/ S20201132
A New Analysis on Assessment of Sentiments Using EEG Signals and BCI	J.Nageswra Rao	Jour of Adv Research in Dynamical & Control Systems	Mar, 2020	10.5373/JAR DCS/V12I2/ S20201133

Reduction of Frequent Itemsets Mining in Big Data with the Help of FP Algorithm and Msegt-Tree	D.Srinivasa Rao	International Journal of Innovative Technology and Exploring Engineering	Feb, 2020	2278-3075
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### Research Colloquia

S. No	Name	Title	Date
1	Dr. M. Srinivasa Rao	Internet of Things	21-01-2020
2	Dr. Ch. Rathna Jyothi	Cloud Computing Research Areas	28-02-2020
3	Dr. P Ashok Reddy	Virtual Reality	13-03-2020

### Students' Activities and Participation

#### a) Student Chapter/Societies activities :

Name of the Student Chapter	Name of the Event	No. of Participants	Date
Computer Society of India LBRCE Student Branch	One Day Seminar on Applications of Artificial Intelligence	120	28-01-2020
Computer Society of India LBRCE Student Branch	One Week Training on Problem Solving using Python	75	06-01-2020 to 11-01-2020

#### b) Technical Club activities

Name of the Technical Club	Event Name	Date	No. of Participants
ACG	Programming Quiz	04-03-2020	193
	Coding Contest	16-03-2020	193



Programming Contest conducted to II, III, IV B.Tech CSE Students



Leader Board of Programming Quiz conducted to I B.Tech CSE Students

### Students participated in Technical Symposia

Name of Technical Symposia	Name of the Event	Roll Number	Name of the Organization/ Institute & Place	Date
AFOSEC 2020	PAPER PRESENTATION	17761A0532	VRSEC, VIJAYAWADA	14-02-20
AFOSEC 2020	TECHNICAL QUIZ	17761A0532	VRSEC, VIJAYAWADA	14-02-20
FREEDOM FEST 2020	SWECHA AP AT KLEF	17761A0548	KLU, VIJAYAWADA	27-01-20

### Students participated in Workshops

Name of Workshop	Roll Number	Name of the Organization/ Institute & Place	Date
Short Term Training on ML	17761A0562	JNTU KAKINADA	02-03-20
Short Term Training on ML	17761A0598	JNTU KAKINADA	02-03-20
Short Term Training on ML	17761A05A8	JNTU KAKINADA	02-03-20
Workshop PPTBIG DATA	17761A05A2	RK COLLEGE	27-02-20
Workshop PPTBIG DATA	17761A05A6	RK COLLEGE	27-02-20

## Students participated in Certification Programs

Name of the Course	Roll Number	Name of the Organization/ Institute	Date(s)
AR & VR	18761A0523	APSSDC	02 to 10 Mar 2020
AR & VR	18761A0524	APSSDC	02 to 10 Mar 2020
AR & VR	18761A0526	APSSDC	02 to 10 Mar 2020
AR & VR	18761A0537	APSSDC	02 to 10 Mar 2020
AR & VR	18761A0541	APSSDC	02 to 10 Mar 2020
AR & VR	18761A0542	APSSDC	02 to 10 Mar 2020
AR & VR	18761A0543	APSSDC	02 to 10 Mar 2020
AR & VR	18761A0546	APSSDC	02 to 10 Mar 2020
AR & VR	18761A0555	APSSDC	02 to 10 Mar 2020

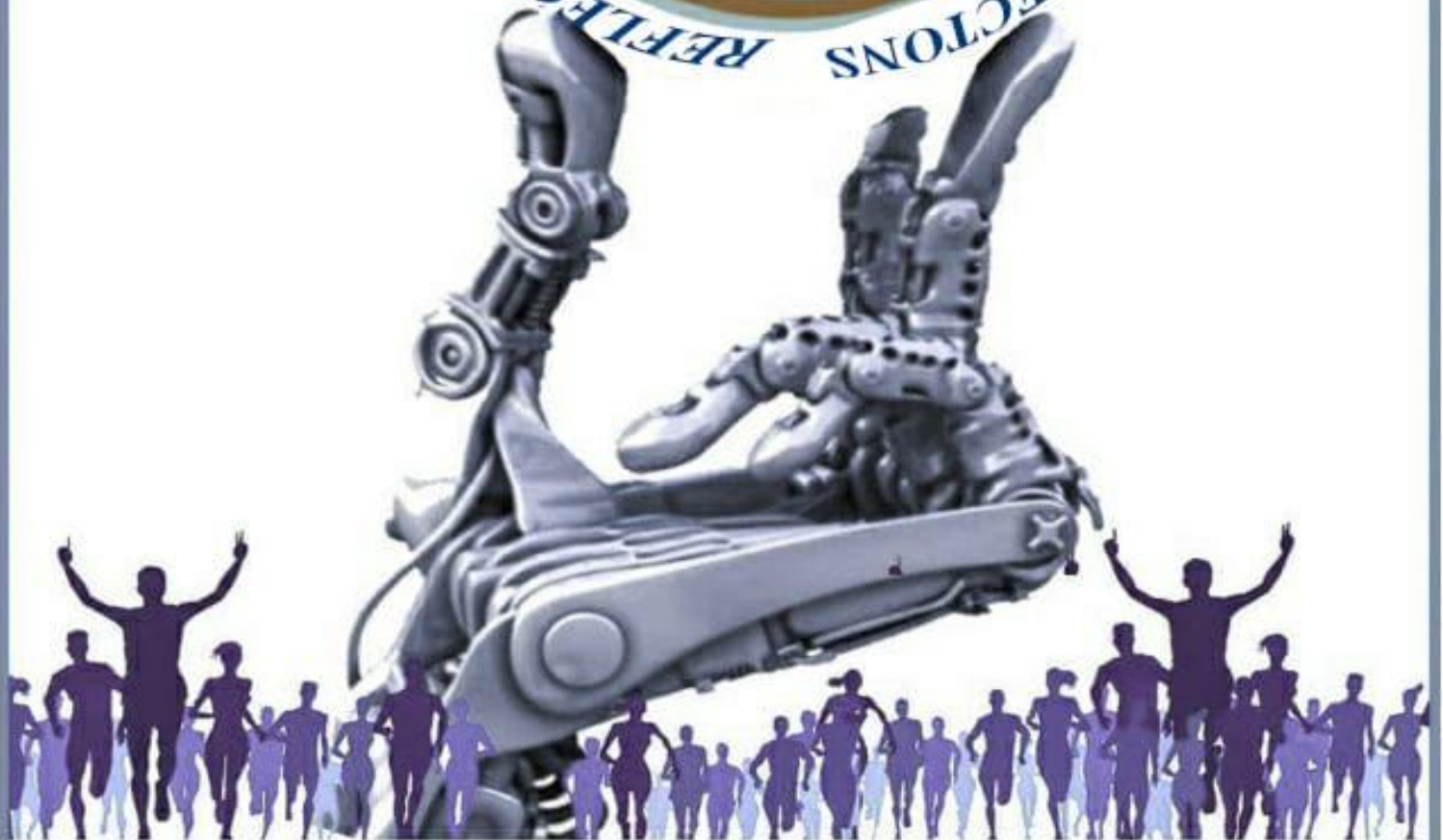
## Student Publications

Title of the Paper	Roll Number	Name of Journal	Year of Publication	ISSN Number
Discernment Of Objects Using Common Objects Context Dataset	16761A0542 16761A0552 16761A0503 16761A0528	Jour of Adv Research in Dynamic & Control Systems	Mar-2020	10.5373/ JARDCS/ V12I2/ S20201132
Emotion Sensing Facial Recognition	16761A0517 16761A0519 16761A0521 17765A0502	Jour of Adv Research in Dynamic & Control Systems	Mar-2020	10.5373/JARDCS/V12I2/S20201115
Accidents Risk Reducing System	16761A05A5 16761A0591 17765A0512 16761A0588	International Journal of Advanced Science and Technology	Mar-2020	2005-4238
Moddensity Based Document Clustering Using Tf-Idf Approach	16761A0566 16761A0580 16761A0568 16761A0593	Jour of Adv Research in Dynamical & Control Systems	Mar-2020	10.5373/JARDCS/V12I2/S20201103
Effective Prediction Techniques Of Chronic Kidney Disease With Distinct Classification Methods	16761A05B1 16761A05B2 16761A0592 17765A0510	Jour of Adv Research in Dynamical & Control Systems	Mar-2020	10.5373/JARDCS/V12I2/S20201105
Classification and identification of loyal customers Using machine learning	16761A0541 16761A0543 16761A0536 17765A0503	Jour of Adv Research in Dynamical & Control Systems	Mar-2020	10.5373/JARDCS/V12I2/S20201106

Driver Drowsiness Detection And Alert System	16761A0567 16761A05A4 16761A0587 16761A05B4	Jour of Adv Research in Dynamical & Control Systems	Mar-2020	10.5373/JARDCS/V1 2I2/S20201107
Disease Prediction using KNN and Analysis of Various ML Algorithms	16761A0574 16761A0599 16761A0565 16761A0572	Jour of Adv Research in Dynamical & Control Systems	Mar-2020	10.5373/JARDCS/V1 2I2/S20201108
Phishing Url Detection Using Random Forest Classifier	16761A0558 16761A0518 17765A0506 16761A0530	Jour of Adv Research in Dynamical & Control Systems	Mar-2020	10.5373/JARDCS/V1 2I2/S20201109
Detecting Fake News using NLP and Machine Learning Classification Algorithms	16761A0534 16761A0549 16761A0545 16761A0508	Jour of Adv Research in Dynamic & Control Systems	Mar-2020	10.5373/JARDCS/V1 2I2/S20201110
Image caption to voice generation Using deep learning	16761A0547 16761A0524 16761A0531 16761A0525	Jour of Adv Research in Dynamic & Control Systems	Mar-2020	10.5373/JARDCS/V1 2I2/S20201112
ERA: Emergency Rescue Application using Android	16761A05A6 16761A0581 16761A0596 16761A0577	Jour of Adv Research in Dynamic & Control Systems	Mar-2020	10.5373/JARDCS/V1 2I2/S20201117
A Churn Detection Model in Telecommunication Using Machine Learning Techniques	16761A0569 16761A05A7 16761A0573 15761A0561	Jour of Adv Research in Dynamic & Control Systems	Mar-2020	10.5373/JARDCS/V1 2I2/S20201118
Object Perception in Image	16761A0597 16761A0562 16761A05A2 16761A0570	Jour of Adv Research in Dynamic & Control Systems	Mar-2020	10.5373/JARDCS/V1 2I2/S20201119
An Application for Secured Deduplication of Multimedia Data in Cloud	16761A0520 16761A0511 16761A0540 16761A0507	Jour of Adv Research in Dynamic & Control Systems	Mar-2020	10.5373/JARDCS/V1 2I2/S20201120
An Enhanced Automatic Song Genres Classification Using Deep Learning Technique	16761A0559 16761A0516 16761A0554 16761A0505	International Journal of Advanced Science and Technology	Mar-2020	2005-4238
Analyzing Safety of Women in India using Bow	16761A0522 16761A0527 16761A0553 17765A0501	International Journal of Advanced Science and Technology	Mar-2020	2005-4238
Implementation of Attendance Scheme using Face Recognition Algorithm	16761A0506 16761A0509 16761A0504 17765A0504	International Journal of Advanced Science and Technology	Mar-2020	2005-4238
Online Deceptive Reviews Detection	16761A0529 16761A0560 16761A0548 17765A0505	International Journal of Advanced Science and Technology	Mar-2020	2005-4238
Detection and Classification of Rice Leaf Diseases Using Deep Learning	16761A0595 16761A05B0 16761A0589 16761A0598	International Journal of Advanced Science and Technology	Mar-2020	2005-4238



Twitter Sentiment Analysis for Different Business Applications	16761A05C0 16761A0586 17765A0513 16761A05B7	Jour of Adv Research in Dynamical & Control Systems	Mar-2020	10.5373/JARDCS/V12I2/S20201134
Making Password System based on Honeywords	16761A0510 16761A0512 16761A0556 16761A0546	International Journal of Advanced Science and Technology	Mar-2020	2005-4238
A Study of fraud detection approaches in Credit Card Transactions	16761A0551 16761A0544 16761A0513 16761A0555	Jour of Adv Research in Dynamical & Control Systems	Mar-2020	10.5373/JARDCS/V12I2/S20201113
Implementation of Service Based Chatbot Using Deep Learning	16761A0590 16761A05A8 16761A0584 16761A0583	TEST Engineering and Management	Mar-2020	0193-4120
Face Recognition And Classification	16761A0582 16761A05A1 16761A0564 16761A05A0	Jour of Adv Research in Dynamical & Control Systems	Mar-2020	10.5373/JARDCS/V12I2/S20201111
Classification of Fake Online Reviews	16761A0585 16761A0561 17765A0508 16761A05B8	Jour of Adv Research in Dynamical & Control Systems	Mar-2020	10.5373/JARDCS/V12I2/S20201114
Spam Email Detection Using Rnn and Comparitive Study with Knn And Logistics	16761A05B3 16761A0578 16761A0563 17765A0507	Jour of Adv Research in Dynamical & Control Systems	Mar-2020	10.5373/JARDCS/V12I2/S20201104
Identification Of Fake Users And Spammers On Social Media	16761A05B9 16761A05B5 16761A05A3 17765A0511	Jour of Adv Research in Dynamical & Control Systems	Mar-2020	10.5373/JARDCS/V12I2/S20201124



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