DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

NEWS LETTER

LSE-REFLECTIONS

2020-21

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LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

Affiliated to JNTU-Kakinada, Accredited by NAAC & NBA

Website: https://www.lbrce.ac.in/

L. B. Reddy Nagar, Mylavaram, Krishna District, Andhra Pradesh, India, Pin Code: 521230.

Editorial Board

1. **Dr.D.Veeraiah**

2. **Dr.M.Srinivasa Rao**

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4. **R.Naga Priyanka - CSE** II

5. **S.Pradeep - CSE** III

6. **K.Roshini - CSE** III

7. **A.Lokesh - CSE** IV

- *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.
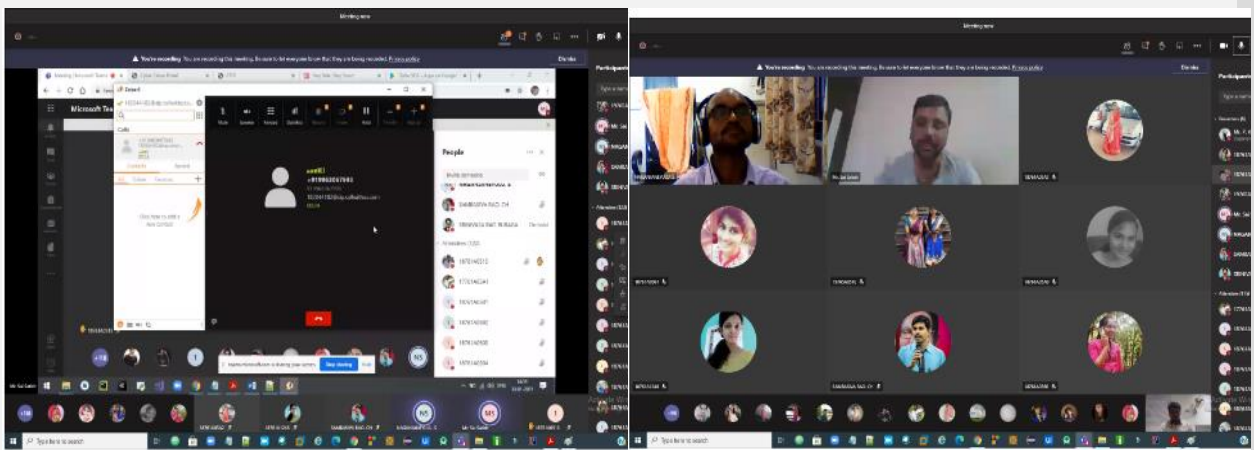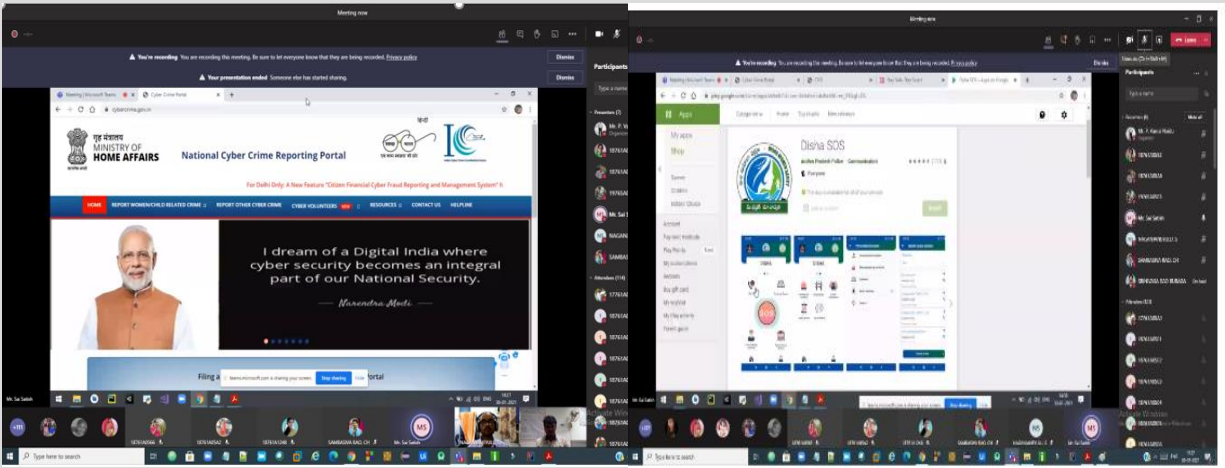
An R&D centre has been established in the department to take up Research projects and also to cater to the needs of faculty, who are doing their Research work. The focus areas of the department for R&D activities identified are Networking & Client Server Technology, Data Mining and Network Security. 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 spaciously 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.

Workshops/Seminars/Certification programs/ In-House training conducted

Date/Duration: 30-01-2021   **Name of the Coordinators: Mr. P. Vamsi Naidu**

Title of the Workshops/Seminars/ Certification program	No. of Participants	Name of Resource Persons	Name of Organization/ Institute
Cyber Crime and Security	120	Mr. D Sai Satish, CEO, Indian Servers	Department of CSE, LBRCE (A) Mylavaram

Date/Duration: 04-01-2021 to 9-01-2021 / 6 Days
Name of the Coordinators: Mr. P. Vamsi Naidu

Title of the **Workshops**/Seminars/ Certification program	No. of Participants	Name of Resource Persons	Name of Organization/ Institute
one week training on Enhancing Coding Skills(C and Python)	76	Amphisoft Solutions Trainers.	Department of CSE, LBRCE (A) Mylavaram

Glimpse of Event on Day -1

Glimpse of Event on Day -5

Name of the Coordinator: Mr. G. Balu Narasimha Rao   **Duration:** 26 Days

Title of the Workshops/ Seminars/ **Certification program**	No. of Participants	Name of Resource Persons	Name of Organization/ Institute	Date
A Certification program on Cybersecurity Essentials	193	From CISCO Net Academy	CISCO Net Academy, Bengaluru.	06-03-2021 To 19-04-2021
Introduction To Cybersecurity	193	From CISCO Net Academy	CISCO Net Academy, Bengaluru.	06-03-2021 To 19-04-2021

Interaction with outside world by faculty
Faculty Acted as Resource Persons/Session Chair/BoS members

Name of the Faculty	Role	Title of the Event	Name of Institute	Address	Date/ Year
Dr. D. Jagran Mohan Reddy	Resource Person	Recent trends and challenges in data science	Hindustan college of Arts & Science	Coimbatore	22-01-2021

Faculty attended International/National Conferences (External)

Name of the Faculty	Name of the Conference	Institute/Organization	Address	Duration (From...to)
Dr. P. Bhagath	International Conference on Wireless Communications, Signal Processing and Networking (WiSPNET)	Sri Sivasubramaniya Nadar College of Engineering	Chennai	25-03-2021 to 27-03-2021
Mr. Sk. Johny Basha	3rd International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV 2021)	Francis Xavier Engineering College	Tirunelveli, Tamilnadu	04-02-2021 to 06-02-2021

Online/ face-to-face FDPs attended (External)

Name of the Faculty	Name of the FDP	Institute/Organization	Address	Duration (From….to...)
Dr. M. Srinivasa Rao	FDP on "Data Sciences"	Gudlavalleru Engineering College in associate with ATAL	Gudlavalleru	19-01-2021 to 23-01-2021
Dr. Y.V. Bhaskar Reddy	Two – Weeks online FDP on "Machine Learning for Computer Vision"	IIT Guwahati in association with E&ICT Academy	Guwahati	01-02-2021 to 12-02-2021
Mr. D. Srinivasa Rao	AICTE Training and Learning (ATAL) Academy Online FDP on "Cyber Security"	Narasaraopeta Engineering College	Narasaraopeta	08-02-2021 to 12-02-2021

Mr. A. Raja Gopal	Five – Days FDP on "Data Mining & Analytics"	REVA University	Bengaluru	17-02-2021 to 23-02-2021
Mr. A. Raja Gopal	FDP on "Software Testing"	IIT Madras in association with NPTEL – AICTE FDP	Madras	Jan – Feb 2021
Mr. N. Srinivasa Rao	TalnetNext project on "AI & Machine Learning"	Wipro Talent next	Bangalore	January – April 2021

Department Technical Club Activities:

Name of the Technical Club	Name of the Event	No. of Participants	Date
ACG	" A Guest Lecture on Career as a Software Engineer"	300	27-01-2021
ACG	" LET'S CRACK IT- A Coding Contest"	180	01-02-2021, 03-02-2021

Faculty Publications & Research Mobilization

Title of paper	Name of the author/s	Name of journal	ISSN Number	Year of publication
Analysis of Hybrid Fusion-Neural Filter Approach to detect Brain Tumor	Dr.M.Srinivasa rao	2020 Sixth International Conference on Parallel, Distributed and Grid Computing (PDGC)	978-1-7281-7132-6	Jan-2021
Security Enhancement of Digital Signatures for Blockchain using EdDSA Algorithm	Sk.Jony Basha	International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV 2021)	978-0-7381-1183-4,	Feb-2021
Voice-controlled Assistance for Robot navigation using Android-based Mobile Devices	Dr.P.Bhagath	International Conference on Wireless Communications Signal Processing and Networking - 2021	978-0-7381-1279-4	Feb-2021
Ananlysis of Hybrid Fusion-Nueral Filter Approach to detect Brain Tumor	Dr.M.Srinivasa Rao	2020 Sixth International Conference on Parallel, Distributed and Grid Computing (PDGC)	2573-3087,	Feb-2021

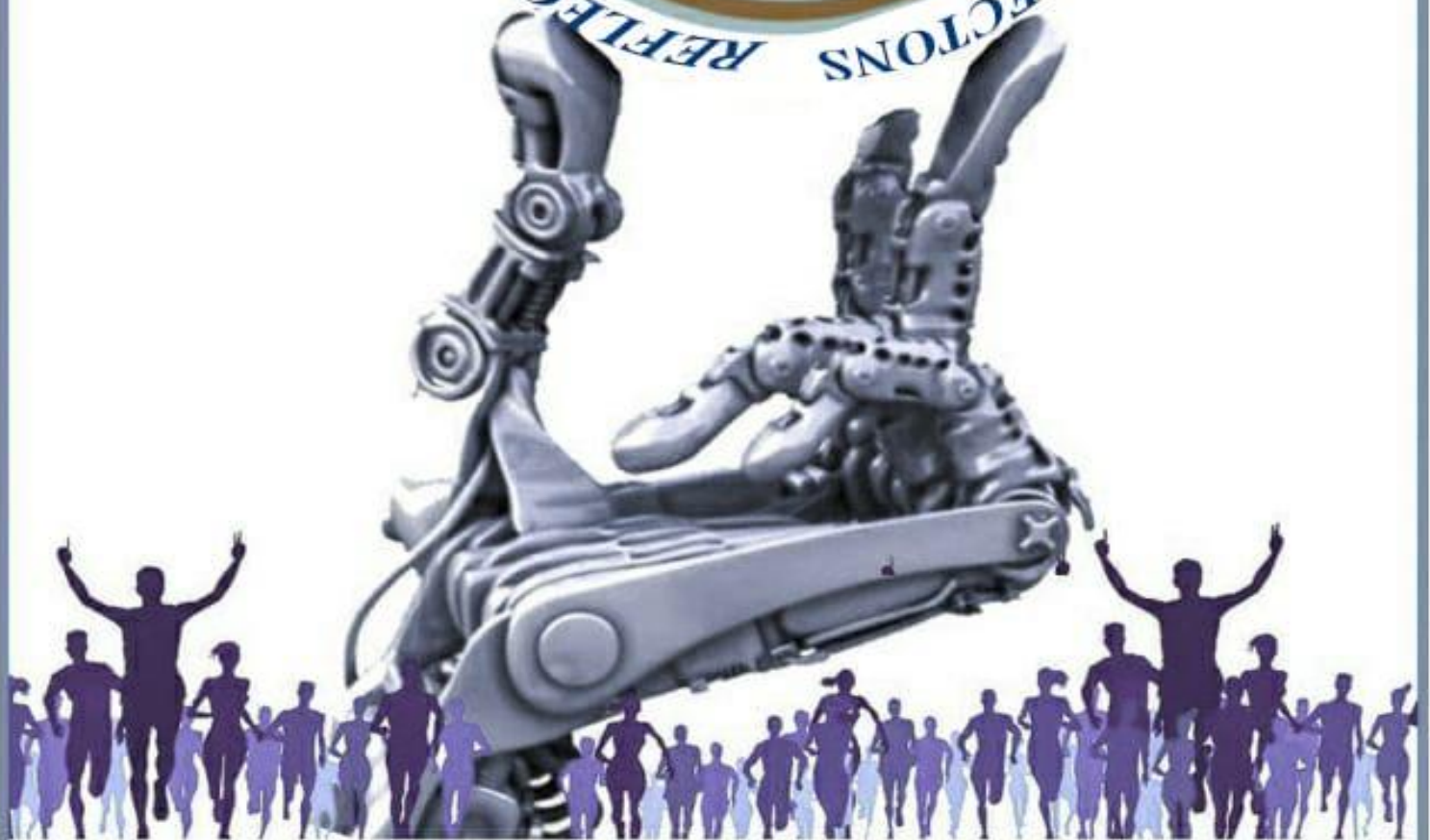|				
A Neural Network based Technique for Staircase Detection using Smart Phone Images	Dr.P.Bhagath	International Conference on Wireless Communications Signal Processing and Networking - 2021	978-0-7381-1279-4	Mar-2021
Cloud Supportive Multi-Stage Selection Model for Multiple Imputation in Large Scale Study: Non-Ignorable NMAR	Jagan Mohan Reddy Danda; Seelam Srinivasa Reddy,Suresh G V	21th Industrial Conference on Data Mining (ICDM 2021)	978-3-942952-82-8	Mar-2021
Analysis of Infant Mortality Rate in India using Time Series Analytics	Jagan Mohan Reddy D; SK Johny Basha	Recent Trends in Communication & Intelligent Systems - Proceedings of ICRTCIS 2020	978-981-16-0167-5	Mar-2021

Research Colloquia

Name	Title	Date	Venue
Mr.D.Srinivasa Rao	A Novel Hybrid Machine Learning based Frequent Item Extraction for Transactional Database	22-01-2021	IPC Lab
Mr.Shaik Johny Basha	Analysis of Covid-19 Pandemic's Impact on Physical and Psychological Health of Humans	28-02-2021	IPC Lab
Mr.N.Srinivasa Rao	A Novel Approach to Store an Image in QR Code	14-03-2021	IPC Lab

Students participated in NCC

Name Of The Event	Roll Number	Name of The Student	Place	Date
National Youth Parliament	17761A0569	Chennu Jyotsna	Respective Homes	11/01/2021
	17761A0570	Chitta Tejaswi		
	18761A0519	Garika Lalitha		
	18761A0542	Nagavarapu Naga Jyothi		
	18761A0580	G.Naga Lakshmi		
	18761A0512	Boska Ramya Latha		
	18761A0561	Akunuru Hema Navya		
	19765A0505	S.Sindhu		
	19761A0560	Tulluri Lakshmi Supraja		

Republic Day Celebrations	18761A0519	Garika Lalitha	LBRCE	26/01/2021
	18761A0591	Kota Maneesha		
	18761A0549	Thota Sahithi		
	18761A0542	Nagavarapu Naga Jyothi		
	18761A0503	A. Naga Sindhu		
	18761A0589	K.Pushpa Latha		
	18761A0512	Boska Ramya Latha		
	18761A0561	Akunuru Hema Navya		
	18761A0506	Bellamkonda Meghana Preethi		
	18761A0572	D. Sowmya Sai		
	18761A0563	A.Jahnavi		
	19765A0505	S.Sindhu		
	17761A0592	P.Samanvi		