



# DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

LETTER

NEWS



 -REFLECTIONS

2018-19  
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LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

Affiliated to JNTU-Kakinada, Accredited by NAAC A Grade Mylavaram

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

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

## Editorial Board

1. Dr. Ch Venkata Narayana
2. K. Venkateswara Rao
3. G. Balu Narasimha Rao
4. D. Jagan Mohan Reddy
5. Sriram Konduru - IV CSE
6. Geethika Parvataneni- IV CSE

- ✦ *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*
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- ✦ *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.

### Faculty Promotions:

- ✓ Dr.O.Rama Devi has promoted to Professor from Assoc.Prof on 01-05-2019
- ✓ Dr.D.Veeraiah has promoted to Professor from Assoc.Prof on 01-06-2019

### Faculty Participated in FDPs

S.NO	Name of the Faculty	Name of the FDP attended	Duration
1.	Dr. O.Rama Devi	A Faculty Development Program on " Big image data processing using machine learning algorithms" Organized by NIT Warangal.	27-05-2019 to 31-05-2019 (5 days )
2	Dr.D.Jagan Mohan Reddy	A Faculty Development Program on "Summer School On Deep Learning" Organized by NIT Surathkal.	17-05-2019 to 21-05-2019 (5 days )
3	Mr.G.Balu Narasimha Rao	A Faculty Development Program on "Summer School On Deep Learning" Organized by NIT Surathkal.	17-05-2019 to 21-05-2019 (5 days )
4	Ms.G.V.Rajya Lakshmi	A Faculty Development Program on " Artificial Intelligence & Machine Learning" Organized by E&ICT Academy at Vijaya Institute of tech. for women, Vijayawada.	17-06-2019 to 22-06-2019 (6 days )
5	Mr.J.Nageswara Rao	A Faculty Development Program on "Deep Learning and Its applications" Conducted by E&ICT Academy, NIT Warangal at PVP Siddhartha Institute of technology, Vijayawada	24-06-2019 to 29-06-2019 (6 days )
6	Mr.T.Udaya Kumar	A Faculty Development Program on "Student Induction " Organized by Audishankara College of Engineering, Guduru.	13-06-2019 to 15-06-2019 (3 days )
7	Mr.L.Kranthi Kumar	A Faculty Development Program on " Emerging Trends and Research Challenges in Cyber Security" Organized by Chadalawada Ramanamma Eng. College.	10-06-2019 to 22-06-2019 (6 days )
8	Mr.Sk.Johny Basha	A Faculty Development Program on "Soft Computing and Its Applications" Organized by	13-05-2019 to 18 -05-2019 (6 days )

		E&ICT Academy at Vignan's Nirula Institute of technology, Guntur.	
9	Ms.A.Praneetha	A Faculty Development Program on " Data Science using Spark-R" Organized by E&ICT Academy, NIT Warangal at KLU, Guntur.	10-06-2019 to 15-06-2019 (6 days )

### **Faculty Participated in Workshops**

S.No	Name of the Faculty	Name of the Workshop attended	Duration
1	Mr.A.Raja Gopal	Attended " Python Workshop " at LBRCE as Remote Center Organized by IIT Bombay.	22-06-2019
2	Mr.A.Sudhakar	Attended " Python Workshop " at LBRCE as Remote Center Organized by IIT Bombay.	22-06-2019
3	Mr. Sk.JohnyBasha	Attended " Python Workshop " at LBRCE as Remote Center Organized by IIT Bombay.	22-06-2019

### **Faculty Participated in Conferences**

S.N O	Name of the Faculty	Title	Conference Name	Duration
1	Mr.Sk.Johny Basha	Analysis of Data Mining Techniques for IoT Applications", International Conference on Multidisciplinary Perspectives in Engineering & Technology (ICMPET-19)	ICMPET-19.	24 <sup>th</sup> & 25 <sup>th</sup> May 2019
2	Ms.M.Sri Bala, Mr.D.Srinivasa Rao	Efficiency of Meta heuristic optimization algorithms	ICICCS-19	15 <sup>th</sup> to 17 <sup>th</sup> May 2019

### **Paper Publication with other college faculty**

S.No	Title of paper	Name of the authors	College	Name of journal	Year of publication	ISSN No:
1	Recognition of Handwritten Characters using Deep Convolutional Neural Network	Dr. Jagan Mohan Reddy A Vishnuvardhan Reddy	LBRCE	IJITEE	Vol.8, Issue-6S4, April, 2019. (Scopus Indexed)	ISSN: 2278-3075

### **Guest Lectures**

S.No	Name	Designation	College	Course	Subject	Date
1	Mr.D.Srinivasa Rao	Sr.Asst.Professor	Narayana Eng. College, Gudur.	B.Tech III year Students	Design And Analysis Of Algorithms	9/4/2019
2	Ms.M.Sri Bala	Sr.Asst.Professor	Swarna Bharathi Institute of Science & Technology, Khammam.	B.Tech III year Students	Artificial Intelligence	17/04/2019

### **Faculty Publications**

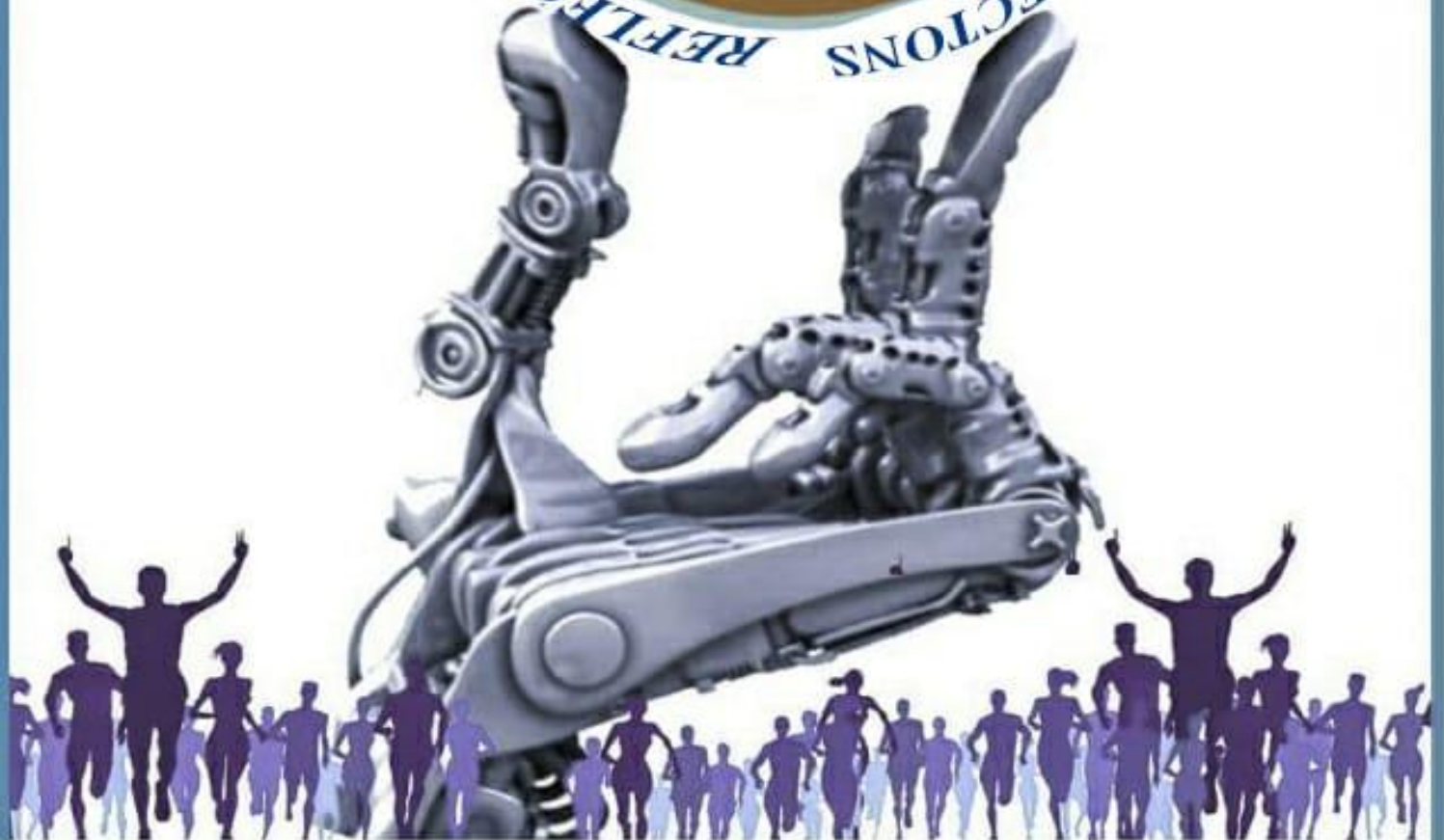
1. Dr. Jagan Mohan Reddy, A Vishnuvardhan Reddy, "Recognition of Handwritten Characters using Deep Convolutional Neural Network", International Journal of Innovative Technology and Exploring Engineering (IJITEE), VOL.8, Issue-6S4, April, 2019. (Scopus Indexed)
2. Mr. L. Kranthi Kumar, "Improving Efficiency in EEG process using Linear Discriminant Analysis and Support Vector Machine", International Journal of Recent Technology and Engineering (IJRTE) - (Scopus Indexed), ISSN: 2277-3878, Volume-7 Issue-6S2, April 2019.
3. Mrs. G V Rajya Lakshmi, "Online Extractive Text Summarization using Natural Language Processing", International Journal of Research (UGC), ISSN NO:2236-6124, Volume VIII, Issue IV, April/2019.
4. Ms A Praneetha, "Implementation Of Automation Mining Facets For Searched Queries", International Journal of Research, ISSN NO:2236-6124, Volume VIII, Issue IV, April/2019.

5. Mr. B Siva Rama Krishna, "Block Chain Based E-Voting Recording System Design", International Journal of Research, ISSN NO:2236-6124, Volume VIII, Issue IV, April/2019.
6. Mr. P. Vamsi Naidu," Women Safety Device Using Gsm And Gps", International Journal of Research, ISSN NO:2236-6124, Volume VIII, Issue IV, April/2019.
7. Mr.M.V. Naik," Predicting Student Grades In A Training Environment Using Regression", International Journal of Research, ISSN NO:2236-6124, Volume VIII, Issue IV, April/2019.
8. Mr. L Kranthi Kumar, Short Texts Understanding Using DNN For Semantic Hashing",Journal of Applied Science and Computations, ISSN NO: 1076-5131, Volume VI, Issue IV, April/2019.
9. Mr. N. Srinivasa Rao,"Performance Analysis Of Different Data Compression Techniques On Text File", Journal of Applied Science and Computations, ISSN NO: 1076-5131, Volume VI, Issue IV, April/2019.
10. Dr. P.M.Ashok Kumar, "Emotion Recognition Using Hog And Optical Flow",Journal of Applied Science and Computations, ISSN NO: 1076-5131, Volume VI, Issue IV, April/2019.
11. Ch. Srinivasa Rao, "Accident Management Using Iot", Journal of Applied Science and Computations, ISSN NO: 1076-5131, Volume VI, Issue IV, April/2019.
12. Dr. D. Veeraiah, "Data sharing And Peer-To-Peer Fault Detection" Journal of Applied Science and Computations, ISSN NO: 1076-5131, Volume VI, Issue IV, April/2019.
13. Mr. A.Rajagopal, "Addressing the curse of Dimensionality Reduction Using PCA over Stock Data", Journal of Applied Science and Computations (UGC), ISSN NO: 1076-5131, Volume VI, Issue IV, April/2019.
14. Sk. Johny Basha, "Smart Ordering System using IoT", Journal of Applied Science and Computations (UGC), ISSN NO: 1076-5131, Volume VI, Issue IV, April/2019.
15. Mr. Rangachary "Customized Colour Based Pattern Locking",Journal of Applied Science and Computations (UGC), ISSN NO: 1076-5131, Volume VI, Issue IV, April/2019

- 16.** Mr.G.Balu Narashima Rao, "Automatic Irrigation System and Rainfall Roofing System Using IoT And Wireless Sensor Networks", International Journal of Research - UGC, ISSN NO:2236-6124, Volume VIII, Issue IV, April/2019.
- 17.** Mr. S. Govindu, "Predicting Student Performance by using Linear Regression and SVM", Journal of Applied Science and Computations (UGC), ISSN NO: 1076-5131, Volume VI, Issue IV, April/2019.
- 18.** Mrs. M. Sri Bala, "An analytical method for Diabetes Prediction Using Machine Learning Techniques", Journal of Applied Science and Computations (UGC), ISSN NO: 1076-5131, Volume VI, Issue IV, April/2019.

**Students Qualified in GRE/TOEFL/Higher studies**

S.NO	H.NO	NAME	Competitive Exam Name	Score / Rank
1	15761A0557	V GOWTHAM VENKATA RAGHAVA	GRE & IELTS	6.0 & 288
2	16765A0504	L RENUKA	PGECET	613
3	15761A0554	T LAKSHMI TANUJA	ICET	355
4	16765A0516	CH K V V V TIRUPATHI REDDY	PGECET	1619
5	15761A05A1	M SAI TEJA	GRE & IELTS	275 & 6.0
6	15761A0593	PAMARTHI BHARADWAJ	GRE & IELTS	295 & 6.0
7	15761A0562	BATCHU SAI SUSMITHA	GRE & IELTS	277 & 6.0
8	16765A0509	DANDU ROHIT KUMAR RAJA	IELTS	5.5
9	15761A0581	M SAI NIKHIL	IELTS	6.5



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(AUTONOMOUS)

Accredited by NAAC, ISO 9001:2015 Certified Institution

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