



# 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*
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## 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, MACHILIPATNAM. 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:

✓ **Mr. G Balu Narasimha Rao** has promoted to **Sr.Asst.Prof** from Asst.Prof on 01-02-2019

✓ **Mr. J Nageswara Rao** has promoted to **Sr.Asst.Prof** from Asst.Prof on 01-02-2019

✓ **Mr. L V Krishna Rao** has promoted to **Sr.Asst.Prof** from Asst.Prof on 01-02-2019

### Events conducted by the department

S.No	Name of the Programme	Date(s)	Resource Person	Location	Target Audience	No of Participants
1	"Technology trends in IT and its Allied Industries"	29-01-2019	Mr. Ram Burri, Program Manager, Whirlpool Corporation, Michigan, USA.	LBRCE, Mylavaram .	III B.Tech	189
2.	"Problem solving through C" (ISTE)	19-01-2019	Dr. M. Babu Reddy	LBRCE, Mylavaram .	I B.Tech	120

### Interaction with outside world by faculty

S.NO	Name of the Faculty	Name of the FDP attended	Duration
1	Ms.M.Sribala	A Faculty Development Program on "Business Analytics and Data Mining Modeling Using R" Organized by NPTEL-AICTE.	Jan-Apr 2019 (12 Weeks )
2	Ms.K.NagaPrasanthi	A Faculty Development Program on "Data Mining" Organized by NPTEL-AICTE.	Feb - Apr 2019 ( 8 Weeks )
3	Mr.B.Sivaramakrishna	A Faculty Development Program on "Introduction to Internet of things" Organized by NPTEL-AICTE.	Jan - Apr 2019 ( 12 Weeks )
4	Mr.A.Rajagopal	A Faculty Development Program on "Programming In Java" Organized by NPTEL-AICTE.	Jan - Apr 2019 ( 12 Weeks )
5	Mr.K SundeepSaradhi	A Faculty Development Program on "Programming In Java" Organized by NPTEL-AICTE.	Jan - Apr 2019 ( 12 Weeks )

6	Mr.N.V.Naik	A Faculty Development Program on "Data Mining" Organized by NPTEL-AICTE.	Feb - Apr 2019 ( 8 Weeks )
7	Mr.S.Govindu	A Faculty Development Program on "Programming In Java" Organized by NPTEL-AICTE.	Jan - Apr 2019 ( 12 Weeks )
8	Mr.Sk.Johny Basha	A Faculty Development Program on "Big Data Computing"	Feb - Apr 2019 ( 8 Weeks )
9	Mr.Sk.Johny Basha	A Faculty Development Program on "Introduction to Industry 4.0 and Industrial Internet of things" Organized by NPTEL-AICTE.	Jan-Apr 2019 ( 12 Weeks )

### **Faculty Participated in Conferences**

S.NO	Name of the Faculty	Title	Conference Name	Duration
1	Dr. D Jaganmohan Reddy	Handwritten Numeral Recognition Deep Learning for Telugu	ICSPECS-2019,IFERP	11 <sup>th</sup> & 12 <sup>th</sup> January 2019
2	Mr. N Srinivasa Rao	l-Semi-Supervised Clustering for Network Intrusion Detection	ICSPECS-2019,IFERP	11 <sup>th</sup> & 12 <sup>th</sup> January 2019
3	Dr. Ch.Venkata Narayana	Semi-Automation of Libraries	ICSPECS-2019,IFERP	11 <sup>th</sup> & 12 <sup>th</sup> January 2019

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

S.No	Title of paper	Name of the authors	College	Name of journal	Year of publication
1	Efficient Algorithm using Big Data for Frequent Itemsets Mining	Mr. Srinivasa Rao Divvela VSucharita	LBRCE Narayana Eng. College,Gudur	International Journal of Innovative Technology and Exploring Engineering	Volume-8 Issue-4, February 2019 - Scopus

## **Guest Lectures**

S.No	Name	Designation	College	Course	Subject	Date
1	Mr.K.Sundeeep Saradhi	Asst.Professor	Dr.L.H.R.Govt Degree College	Degree College Students	Internet Safety Tips	12-02-2019

## **Faculty Publications**

1. Naga Prasanthi Kundeti,"A Combined Approach for Privacy Preserving Classification Mining", Journal of Engineering and Applied Sciences, Vol.14, Issue 1,2019.(Scopus Indexed)
2. Mr.N.V.Naik, Mr. T.N.V.S.Praveen," An Advanced Ensemble Enhanced Feature Selection Approach for Intrusion Detection System ", International Journal of Research, Volume VIII, Issue II, February/2019ISSN NO:2236-6124.(UGC)
3. Mr.K Sundeeep Sarathi, Mr. S Govindu, Mr. Ch. Srinivasa Rao," A Review of Different Machine Learning Models to Analyze Collective Behaviour in Social Networks", Journal of Applied Science and Computation, Vol. VI, Issue I, Jan/2019.(UGC)
4. Mr. Srinivasa Rao Divvela, V Sucharita "Efficient Algorithm using Big Data for Frequent Itemsets Mining", International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN:2278-3075, Volume-8 Issue-4, February 2019 - Scopus.
5. Mr. LellaKranthi Kumar, Parvataneni Geethika, Sriram Konduru, "Implementation of KSM Model to Reduce Software Risks", International Journal of Engineering and Advanced Technology(IJEAT), ISSN: 2249 - 8958, Volume-8 Issue-3, February 2019 - Scopus.
6. Dr. D. Veeraiah, "Application of Decision Tree and Random Forest in Caesarean and Diabetes Prediction", IJRECE, Vol. 7 Issue 1 (January- March 2019), ISSN: 2393-9028 (Print) | ISSN: 2348-2281 (Online).

7. Mr. G Nageswara Rao, "An Aid for Operative Criminal Detection", IJRECE, Vol. 7 Issue 1 (January- March 2019) ISSN: 2393-9028 (Print) | ISSN: 2348-2281 (Online).
8. Mr. G.Vijay suresh, "Privacy Preserving for Health Records", IJRECE, Vol. 7 Issue 1 (January- March 2019) ISSN: 2393-9028 (Print) | ISSN: 2348-2281 (Online).
9. Mr. D. Srinivasa Rao, "Assisting Frequent Cause of Accidents on Roads using Data Mining Techniques", IJRECE, Vol. 7 Issue 1 (January- March 2019) ISSN: 2393-9028 (Print) | ISSN: 2348-2281 (Online).
10. Dr. O.Rama Devi, "Bus Tracking System using IOT", IJRECE, Vol. 7 Issue 1 (January- March 2019) ISSN: 2393-9028 (Print) | ISSN: 2348-2281 (Online).
11. Mr.K.Sundeep Saradhi, "Secure Deduplication of Encrypted Data in Cloud", IJRECE, Vol. 7 Issue 1 (January- March 2019) ISSN: 2393-9028 (Print) | ISSN: 2348-2281 (Online).
12. Mr.T.N.V.S Praveen, "Engagement and Popularity Dynamics of Youtube Videos and Sensitivity to Meta-Data", IJRECE, Vol. 7 Issue 1 (January- March 2019) ISSN: 2393-9028 (Print) | ISSN: 2348-2281 (Online).
13. Mr. A. Srirama Chandra Murthy, "Application on Prediction of Recurrent cases of Breast Cancer", IJRECE, Vol. 7 Issue 1 (January- March 2019) ISSN: 2393-9028 (Print) | ISSN: 2348-2281 (Online).
14. Dr.K.Venkateswara Rao, "Classifying Bank Customers Data using Data Mining and Clustering Techniques", IJRECE (UGC), Vol. 7 Issue 1 (January- March 2019) ISSN: 2393-9028 (Print) | ISSN: 2348-2281 (Online).
15. Dr.K.S.M.V. Kumar, "Providing Security to the Data using RSA Algorithm", IJRECE (UGC), Vol. 7 Issue 1 (January- March 2019) ISSN: 2393-9028 (Print) | ISSN: 2348-2281 (Online).
16. Mr. T Udaya Kumar, "Analysis of Best Life Insurance Cover Selection using Data Mining Technique", IJRECE (UGC), Vol. 7 Issue 1 (January- March 2019) ISSN: 2393-9028 (Print) | ISSN: 2348-2281 (Online).
17. Mr.A.SUDHAKAR, "Graphical Password Authentication using Cued Click Points", IJRECE (UGC), Vol. 7 Issue 1 (January- March 2019) ISSN: 2393-9028 (Print) | ISSN: 2348-2281 (Online).

18. K.Naga Prasanthi, "Heart Disease Prediction using Naive Bayes Classification Technique", IJRECE (UGC), Vol. 7 Issue 1 (January- March 2019) ISSN: 2393-9028 (Print) | ISSN: 2348-2281 (Online).

19. P.M. Ashok Kumar, "Face Recognition using Neural Networks", IJRECE (UGC), Vol. 7 Issue 1 (January- March 2019) ISSN: 2393-9028 (Print) | ISSN: 2348-2281 (Online).

#### Professional body activities & Student Chapter activities

S.No	Name of the Programme	Date(s)	Resource Person	Location	Target Audience	No of Participants
1	"Technology trends in IT and its Allied Industries"	29-01-2019	Mr. Ram Burri, Program Manager, Whirlpool Corporation, Michigan, USA.	LBRCE, Mylavaram.	III B.Tech	189
2.	"Problem solving through C" (ISTE)	19-01-2019	Dr. M. Babu Reddy	LBRCE, Mylavaram.	I B.Tech	120

#### Student's Achievements / Activities

S.NO	R. NO	NAME	EVENT	PRIZE	DATE	VENUE
1.	16761A0525	K. Rahul Pramod	Search Engine Optimization Workshop	Merit	4/1/2019	IIT Madras
2.	17761A0532	M.Sahithi	Paper Presentation	1 <sup>st</sup>	14-2-2019	VRSEC, Vijayawada
3.	17761A0553	T.Mounika	Paper Presentation	1 <sup>st</sup>	14-2-2019	VRSEC, Vijayawada
4.	17761A0593	P.Rajesh	Tricky Tides	1 <sup>st</sup>	14-2-2019	VRSEC, Vijayawada
5.	17761A05B7	Y.Mani Kumar	Tricky Tides	1 <sup>st</sup>	14-2-2019	VRSEC, Vijayawada
6.	17761A05A7	T.Vikram Reddy	Blind Coding	1 <sup>st</sup>	14-2-2019	VRSEC, Vijayawada
7.	18765A0510	B. Sindhu Priya	Poster	3 <sup>rd</sup>	1/2/2019 2/2/2019	VRSEC, Vijayawada

8.	18765A0519	G. Lalitha	Poster Presentation	3 <sup>rd</sup>	1/2/2019 2/2/2019	VRSEC, Vijayawad a
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### **Department Technical Fest(ACG)**

**Title:** “CSE department ASSOCIATION DAY” – [ACG-2k19]

**Dates:** 19-02-2019.

### **Events organized by ACG:**

#### **Technical Events:**

1. Coding Contest
2. Paper Presentation
3. Poster Presentation
4. Project Expo.
5. Technical Quiz

#### **Special Events:**

1. Mock Interview
2. Group Discussion

**Total Participation: 120**

**Winners in Various Events: 20**

S.No	Event	Winners	
		I Prize	II Prize
1	Paper Presentation	Ak. Afreen [II B. Tech] P Vasavi Durga [II B. Tech]	M. Yaswanth [I B. Tech] Sk. Sazid Basha [I B. Tech]
2	Poster Presentation	M Sai Krishna [IV B. Tech]	G Lalitha [I B. Tech] B Sindhu Priya [I B. Tech]
3	Quiz	Ch. Durga Prasad [IV B. Tech] Nikhil [IV B. Tech]	A Vaishanavi [II B. Tech] S Hari Khanjana [II B. Tech] G Varshita [II B. Tech]



4	Coding	A Sri Harsha [III B. Tech]	I Bhargav [I B.Tech]
5	Group Discussion	S Sowmya [III B. Tech]	Y Mani Kumar [II B Tech]
6	Project Expo.	Md. Sofia [III B. Tech]	T Sri Kavya [III B. Tech]

The Following Students got consolation prize in the event **Coding**

1. M. Mounika [III B. Tech]
2. O Pawan Kalyan [II B. Tech]

#### Students Got Prizes in Cultural Events

S.NO	STUDENT NAME	ROLL NO	YEAR	EVENT	PRIZE
1	T.LAKSHMI SINDHURA	17761A0A6	II	CLASSICAL	I
2	B.VENKATESWARA RAO	15761A0502	IV	SOLODANCE	II
3	P. SAMANVI	17761A0592	II	SINGING	III
4	KOTAGIRI RISHI	18761A0592	II	SPECIAL PERFORMANCE	COSOLATION PRIZE

#### Students Qualified in GATE EXAM

S.NO	H.NO	NAME	Score / Rank
1	15761A0527	NIKHIL KOLLA	655 / 1309
2	15761A0531	THANUJ MALLAMPALLI	400 / 9923
3	15761A0549	DAWOOD AFROZ SHAIK	322 / 17462
4	15761A0523	SAI NIKHIL KALLAGUNTA	333 / 16052
5	15761A0539	N S R PRATHAP	600 / 2184

**NCC ACTIVITIES:****ACTIVITY 1: VOLUNTEERS AT SHIVALAYAM****DATE:** 04-03-2019 & 05-03-2019**NO. OF CADETS PARTICIPATED:** 2

S.NO	Regimental No.	Name
1	AP 17 SWA 375509	LETHAVADLATEJASWINI
2	AP 17 SWA 375512	VEMULAREVATHI

**ACTIVITY 2: FELICITATION FOR RDC CADET****DATE:** 15-02-2019**NO. OF CADETS PARTICIPATED:** 10

S.NO	Regimental No.	Name
1	AP 17 SWA 375505	NALLUMOTHU YASASWI
2	AP 17 SWA 375506	CHITTA TEJASWI
3	AP 17 SWA 375507	REGALLA SRAVANI
4	AP 17 SWA 375508	GORLA SWATHI
5	AP 17 SWA 375509	LETHAVADLA TEJASWINI
6	AP 17 SWA 375510	BILLA VENKATA ANUSHA
7	AP 17 SWA 375512	VEMULA REVATHI
8	AP 17 SWA 375601	MANDA SANTHI PRIYA
9	AP 16 SWA 375536	POTLACHERUVU ANUSHA
10	AP 16 SWA 375539	PACHAVA MANASA



Fig: Felicitation For RDC CADET by Mr. L.Prasad Reddy and Dr.K Appa Rao

### ACTIVITY 3: REPUBLIC DAY CELEBRATIONS

**DATE:** 26-01-2019

**NO. OF CADETS PARTICIPATED:** 14

S.NO	Name
1	CHITTATEJASWI
2	MANDA SANTHI PRIYA
3	G.NAGA LAKSHMI
4	BOSKA RAMYA LATHA
5	GARIKA LALITHA
6	A. NAGA SINDHU
7	AKUNURU HEMA NAVYA
8	K.MANEESHA
9	THOTA SAHITHI
10	KUNDURU NAGA PRAVALLIKA REDDY
11	GUDURU VINEELA
12	NAGAVARAPU NAGA JYOTHI
13	K.PUSHPA LATHA
14	R.SHAILAJA



**Fig: Students in Republic Day**



**Fig: Students Parade in Republic Day**



**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING**  
**(AUTONOMOUS)**

Accredited by NAAC, ISO 9001:2015 Certified Institution

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

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**