



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

LETTER

NEWS



 -REFLECTIONS

2021-22 ISSUE-II (OCT - DEC)

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
3. Mr. P Jagadeeswara Rao
4. R. Naga Priyanka - CSE II
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- ✦ *FDP/Guest Lectures / Workshops Organized*
- ✦ *Faculty Achievements*
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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,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.

MoUs with institutions of national, international importance, other universities, industries, corporate houses etc.

Organization with which MoU is signed	Institution/ Industry/ Corporate house	Year of signing MoU	Duration	Activities under MOU
Smart Bridge Educational services	LBRCE	01-11-2021	1 year	Skill based training, Consultancy and educational services
Indian Servers Private Limited	LBRCE	01-11-2021	1 year	Skill based training, Consultancy and educational services, Student Internships

Conferences/FDPs organized:

Name of the Coordinators: Dr. D. Veeraiah, Professor & HOD, CSE Duration: 01 Week

Title of the Conference /FDP	No. of Participants		Name of Resource Person	Name of Organization/ Institute	Address	Date
	External	Internal				
ATAL Sponsored Faculty Development Program on "Cyber Security"	97	13	Dr. B. Ramesh Babu, MNIT Jaipur Dr. E. Suresh Babu, NIT Warangal Mr. Nitesh Bhatia, CTO, Gratia Technology Mr. Varun Pathak, Chief Security Expert, Gratia Technology Dr. Bhawana Rudra, NITK Surathkal Mr. Sai Satish, CEO, India Servers	Lakireddy Bali Reddy College of Engineering & ATAL	Mylavaram	08-11-2021 To 12-11-2021

Photo- 1 with caption & Resource Person details

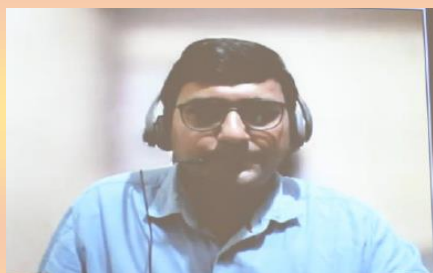
Dr. B. Ramesh Babu, MNIT Jaipur

Name of the Coordinators: Dr. O. Rama Devi, Professor

Duration: 01 Week

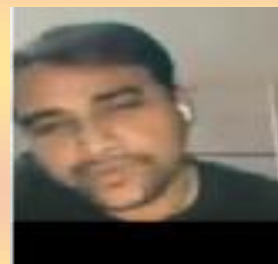
Title of the Conference /FDP	No. of Participants		Name of Resource Person	Name of Organization/ Institute	Address	Date
	External	Internal				
ATAL Sponsored Faculty Development Program on "Data Science and its Applications"	101	32	Mr. Nahar Singh. Sr. Manager, AI Labs Continental AG, Bangalore. Dr. Santhosh Kumar PhD. Data Science Manager, Midlands and Lancashire, NHS, London. Mr. Ritesh Ratti, (Ph. D). Senior Data Scientist, Grab, Singapore. Mr. T. Ram Kumar. Project Manager, Aditi Software, Hyderabad. Dr. Akash Anil Ph. D (IITG). Asst. Professor, SRM University A. P.	LBRCE & ATAL	Mylavaram	06-12- 2021 To 10-12- 2021

Photo- 1 with caption & Resource Person details



Mr. Nahar Singh, Senior Manager, AI Continental Labs AG, Bengaluru

Photo- 2 with caption & Resource Person details



**Dr. Santhosh Kumar PhD,
Data Science Manager, Midlands and Lancashire, NHS, London.**

Photo- 1 with caption & Resource Person details



**Mr. T. Ram Kumar,
Project Manager, Aditi Software, Hyderabad.**


Photo- 2 with caption & Resource Person details




**Dr. Akash Anil Ph. D (IITG).
Asst. Professor,
SRM University A. P.**

Guest Lectures conducted:


Name of the Coordinators: Dr. S. JayaPrada, Date: 27/11/2021

Title of the Guest Lecture	No. of Participants	Name of Resource Person	Name of Organization/ Institute	Address
Natural Language Processing	210	Dr. Mohit Kumar	NIT Hamirpur	Department of CSE, IT Hamirpur
Photo- 1 with caption & Resource Person details				
			Name : Dr. Mohit Kumar Designation : Assistant Professor Department Computer Science & Engineering Qualification : PhD Phone : Email ID : mohit@nith.ac.in Profile URL : https://portfolios.nith.ac.in/index.php?/nith/dr-mohit	

Name of the Coordinators: Dr. S. JayaPrada Date: 11/12/2021

Title of the Guest Lecture	No. of Participants	Name of Resource Person	Name of Organization/ Institute	Address
Natural Language Processing Uses in Industry	84	Dr Swarup Ranjan Behera	Reliance Jio AICOE	Hyderabad
			Swarup Ranjan Behera Senior Data Scientist, Reliance Jio Platforms Ltd, Hyderabad Phone: +91-9439872747 Email: swarup221b@gmail.com	

Name of the Coordinators: Dr. Y. Vijaya Bhaskar Reddy Date: 18/12/2021

Title of the Guest Lecture	No. of Participants	Name of Resource Person	Name of Organization/ Institute	Address
Machine Learning & its Applications	201	Mr. P Buddha Reddy	Data Scientist L&T Services,	Hyderabad.
			Mr. P Buddha Reddy, Tech Lead, Data Scientist L&T Services, Hyderabad.	

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

Name of the Coordinators: Dr. P. Ashok Reddy & Dr. S. JayaPrada

Date: 06/12/2021 TO 24/12/2021

Duration:03 Weeks

Title of the Workshops/Seminars/Certification program	No. of Participants	Name of Resource Persons	Name of Organization/ Institute	Address
Machine Learning Using Python	180	Golla Naga Mounika & Meda Ruthamma	Trainer APSSDC	Vijayawada

Research Colloquia:

S. No	Name	Title	Date	Venue
1	Dr. M. Srinivasa Rao	Machine Learning technique for Music genre classification	16.10.2021	SONET
2	Ms. T. Vineetha	Fundamental concepts of cloud computing	29.11.2021	SONET
3	Dr. D. Venkata Subbaiah	Opting of Research Topic	27.11.2021	SONET
4	Dr.Y.V.Bhaskar Reddy	Writing good research paper	27.11.2021	SONET

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. M. Srinivasa Rao	Inauguration Event	Techsparks – Technical Event	Sri Durga Malleswara Siddhartha Mahila Kalasala	Vijayawada	08-12-2021
Dr. M. Srinivasa Rao	BoS Member	-	Sri Durga Malleswara Siddhartha Mahila Kalasala	Vijayawada	16-12-2021

Faculty attended International/National Conferences (External)

Name of the Faculty	Name of the Conference	Institute/Organization	Address	Duration (From....to..)	Registration Amount
Dr. M. Srinivasa Rao	2021 2nd International Conference on Smart Electronics and Communication (ICOSEC)	Kongunadu College of Engineering and Technology	Tamilnadu	07-10-2021 to 09-10-2021	NIL

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

Name of the Faculty	Name of the FDP	Institute/Organization	Address	Duration (From....to...)	Registration Amount
Dr. D. Veeraiah	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL

Name of the Faculty	Name of the FDP	Institute/Organization	Address	Duration (From....to...)	Registration Amount
	ATAL Academy FDP on Cyber Security	LBRCE	Mylavaram	08-11-2021 to 12-11-2021	NIL
	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL
Dr. M. Sitha Ram	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL
Dr. S. Jaya Prada	ATAL Academy FDP on "Application areas of Data Analytics"	IIT Alahabad	Alahabad	23-10-2021 to 27-10-2021	NIL
	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL
Dr. B. Manaswini	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL
Dr. K. Devi Priya	ATAL Academy FDP on "Machine Learning with R Programming"	NITTR	Kolkata	25-10-2021 to 29-10-2021	NIL
Dr. K. Devi Priya	Five Day FDP on "Data Analytics & Mining with Python"	CMR Engineering College	Hyderabad	08-11-2021 to 12-11-2021	NIL
	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL
Mr. D. Srinivasa Rao	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL

Name of the Faculty	Name of the FDP	Institute/Organization	Address	Duration (From....to...)	Registration Amount
Mr. A. Sree Rama Chandra Murthy	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL
Mr. B. Siva Rama Krishna	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL
Mr. A. Raja Gopal	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL
Mr. J. Nageswara Rao	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL
Mr. L. V. Krishna Rao	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL
Mr. S. Nagarjuna Reddy	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL
Mr. K. Sundeep Saradhi	Five Day FDP on "Data Analytics & Mining with Python"	CMR Engineering College	Hyderabad	08-11-2021 to 12-11-2021	NIL
	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL
Mr. T. Udaya Kumar	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL
Mr. N. V. Naik	Five Day FDP on "Data Analytics & Mining with Python"	CMR Engineering College	Hyderabad	08-11-2021 to 12-11-2021	NIL

	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL
Mr. N. Srinivasa Rao	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL
Mr. Sk. Johnny Basha	ATAL Sponsored One-Week FDP on "Data Science and its Applications"	LBRCE, Mylavaram	Mylavaram	06-10-2021 to 10-10-2021	NIL
	ATAL Sponsored One Week FDP on "Cyber Security"	LBRCE, Mylavaram	Mylavaram	08-11-2021 to 12-11-2021	NIL
Mr. P. Vamsi Naidu	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL
Mr. S. Govindu	Five Day FDP on "Data Analytics & Mining with Python"	CMR Engineering College	Hyderabad	08-11-2021 to 12-11-2021	NIL
	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL
Mr. T. N. V. S. Praveen	ATAL FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL
Mr. S. Srinivasa Reddy	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL
	ATAL Sponsored One-Week FDP on "Cyber Security"	LBRCE, Mylavaram	Mylavaram	08-11-2021 to 12-11-2021	NIL
Ms. B. Usha Rani	ATAL FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL

Name of the Faculty	Name of the FDP	Institute/Organization	Address	Duration (From....to...)	Registration Amount
Ms. P. Sarala	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL
Mr. O. Venkata Siva	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL
Ms. M. Swathi	ATAL Sponsored One-Week FDP on "Cyber Security"	LBRCE, Mylavaram	Mylavaram	08-11-2021 to 12-11-2021	NIL
	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL
Ms. T. Vineetha	ATAL Academy FDP on Data Science & It's Applications	LBRCE	Mylavaram	06-12-2021 to 10-12-2021	NIL

NPTEL Faculty Certifications:

S.No	Name of the Faculty	Name of the Course	Grade	Toppers
1	Dr S Jayaprada	Cloud Computing	Elite	-
2	Dr S Jayaprada	Introduction to Internet of Things	Elite	-
3	Ms. M Sri Bala	Accreditation and Outcome Based Education	Elite	-
4	Ms. G.V Rajya Lakshmi	Introduction to Research	Elite	-
5	Ms. A Praneetha	Accreditation and Outcome Based Education	Elite	-
6	Ms. B.Usharani	Accreditation and Outcome Based Education	Successfully Completed	-
7	Ms. B.Swathi	Accreditation and Outcome Based Education	Elite	-
8	Ms. B.Swathi	Introduction to Internet of Things	Elite	-
9	Ms. P.Sarala	Cloud Computing	Elite+Sliver	Topper 2%
10	Ms. M Swathi	Accreditation and Outcome Based Education	Successfully Completed	-

Books and chapters

Name of the teacher	Title of the book/chapters published	Title of the paper	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
Dr. M. Srinivasa Rao	Problem Solving and Programming in Java	-	2021-22	978-620-3-58352-6	LBRCE	LAP LAMBERT Academic Publishing
Shaik Johny Basha	A Review on Challenges and Threats to Unmanned Aerial Vehicles(UAVs)	-	2021-22	978-1-119-76917-0	LBRCE	Wiley

List of Patents

Sl. No.	Title of Patent	Name of The Faculty	Patent Id
1	Neural Network for Real Time Speech Enhancement For Hearing Impaired	Dr. Manaswini Burra	202141053429
2	Method, System and Device for crop detection	Dr.S.Jayapradha Dr.Ch.V.Narayana	202141042413
3	A Decentralized privacy preserving Multi Instance Iris Authentication Device (Dpmiad)	J Nageswara Rao	202141019089

Alumni Interactions:

Name of the Alumni Visited	Date	Roll Number	Organization/Institute	Remarks
S Sai Jaswanth	23/11/2021	16761A0552	TCS Hyderabad	Placements Preparation & Career Guidance
A Vinay Kumar Reddy	23/11/2021	17765A0501	Mouritech Hyderabad	Carrer Guidance
P Sikanth	03/12/2021	11765A0507	Accenture	Software Working Environment
V Srija	09/12/2021	17761A0554	TCS Hyderabad	Carrer Guidance

Students Participated in Technical Symposia:

S.No	Name of technical symposia	Name of the Event	Roll Number	Name of the Student	Name of the Organization/Inst itute & Place	Date
1.	Online Quiz	National Level C Programming Quiz	20761A05C7	T.Murali Krishna	LBRCE	28-11-2021
2.	Online Quiz	National Level C Programming Quiz	20761A05B7	R.Supraja	LBRCE	28-11-2021

S.No	Name of technical symposia	Name of the Event	Roll Number	Name of the Student	Name of the Organization/Institute & Place	Date
3.	Online Quiz	National Level C Programming Quiz	20761A05B7	B.Sushma	LBRCE	28-11-2021
4.	LAKSHYA 21	Srujana	20765A0501	Naga Yaraswi	LBRCE	23-12-2021

Students Participated in Conferences/Seminars /Webinars:

S.No	Name of Workshop	Roll Number	Name of The Student	Name of The Organization/Institute & Place	Date
1	Entrepreneurship and Start-up	19761A05H8	R.Naga Priyanaka	LBRCE	28-10-2021

No.Of Students Got Prizes in Co-Curricular Activities:

Name of The Event	Name of The Activity	Roll Number	Name of The Student	Prize	Name of The Organization/Institute & Place	Date
LAKSHYA 21	SRUJANA	20765A0501	NAGA YASASWI	2	LBRCE	23-12-2021

Students participated in Cultural activities/Competitions

Name of the Event	Roll Number	Name of the Student	Name of the Organization/Institute & Place	Date
Solo Dance	19761A0582	D. Krishna Kavya	LBRCE&MYLAVARAM	29/11/2021
Rubix Cube	19761A0582	D. Krishna Kavya	LBRCE&MYLAVARAM	29/11/2021
Rubix Cube	20761A05F8	Harshitha	LBRCE&MYLAVARAM	29/11/2021
Solo Dance	20761A05i0	S. Durga Bhavani	LBRCE&MYLAVARAM	29/11/2021
Sinigang	19761A05H8	R. Naga Priyanka	LBRCE&MYLAVARAM	29/11/2021
Painting	20761A05I9	V. Dharani	LBRCE&MYLAVARAM	29/11/2021
Painting	20761A05J2	Y. Harshitha Sampath	LBRCE&MYLAVARAM	29/11/2021
Skit -Nitin Group	20761A05H8	M. Sai Nitin	LBRCE&MYLAVARAM	29/11/2021
	19761A05H8	R. Naga Priyanka	LBRCE&MYLAVARAM	29/11/2021
	20761A05H2	N. Taraka	LBRCE&MYLAVARAM	29/11/2021
	20761A05I8	V. Akshay Kumar	LBRCE&MYLAVARAM	29/11/2021
	20761A05H6	R. Ashok	LBRCE&MYLAVARAM	29/11/2021
	20761A05G1	K. Vinay Kumar	LBRCE&MYLAVARAM	29/11/2021
Name of the Event	Roll Number	Name of the Student	Name of the Organization/Institute & Place	Date
Skit -Nitin Group	20761A05E8	D. Dhanush Kumar	LBRCE&MYLAVARAM	29/11/2021
	20761A05D4	B. Sai Krishna	LBRCE&MYLAVARAM	29/11/2021
	20761A05G3	M. Lalith	LBRCE&MYLAVARAM	29/11/2021

	20761A05I6	S. Siddhartha Sai Kumar	LBRCE&MYLAVARAM	29/11/2021
	20761A05G8	M, Durga Prasad	LBRCE&MYLAVARAM	29/11/2021
	20761A0583	G. Ravi Teja	LBRCE&MYLAVARAM	29/11/2021
	20761A05E3	Ch. Sri Lakshmi	LBRCE&MYLAVARAM	29/11/2021
	20761A05I7	T. Joshnavalli	LBRCE&MYLAVARAM	29/11/2021
	19761A05I0	S. Anil Reddy	LBRCE&MYLAVARAM	29/11/2021

SAHELI- Girls Club

S.NO	Name of the Event	Resource person	Period/Date	No of participants	
				Faculty	Student
1	Debating program on "Gender Bias"	ICC-Saheli Co-Ordinator's and Executive members	24.11.2021 11:00AM to 12 PM	All Women Faculty	II-year girls
2	Awareness program on ICC-Saheli	ICC-Saheli Co-Ordinator's and Executive members	27.11.2021 1:10 to 4.00 PM	All Women Faculty	I-year girls



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

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING