



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

LETTER

NEWS



 -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**
3. **Mr.G.Balu Narasimha Rao**
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*
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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.

Workshops/Seminars/Certification programs/ In-House training conducted**Date/Duration: 11-08-2020 (One Day) Name of the Coordinators: Mr. S Srinivasa Reddy**

Title of the Workshops/Seminars/Certification program	No. of Participants	Name of Resource Persons	Name of Organization/ Institute
To explore key features of Microsoft teams for teaching & learning	200	Mr. Shaik Johny Basha, Assistant Professor,	Department of CSE, LBRCE (A) Mylavaram



Mr. Shaik Johny Basha,
Assistant Professor,
Department of CSE,
LBRCE (A), Mylavaram

Date/Duration: 13-08-2020 (One Day) Name of the Coordinators: Mr. K. Sundeep Saradhi

Title of the Workshops/Seminars/Certification program	No. of Participants	Name of Resource Persons	Name of Organization/ Institute
Blended Learning (YouTube Platform)	150	Mr. K. Sundeep Saradhi, Assistant Professor,	Dept of CSE, LBRCE (A), Mylavaram



Mr. K. Sundeep Saradhi, Assistant
Professor, Department of CSE, LBRCE
(A), Mylavaram

Name of the Coordinators: Mr. G. Balu Narasimha Rao**Duration: 22 Days**

Title of the Workshops/Seminars/ Certification program	No. of Participants	Name of Resource Persons	Name of Organization/ Institute	Date
A Certification program on Python Programming	448	From CISCO Net Academy	CISCO Net Academy, Bengaluru.	06-07-2020 to 27-07-2020

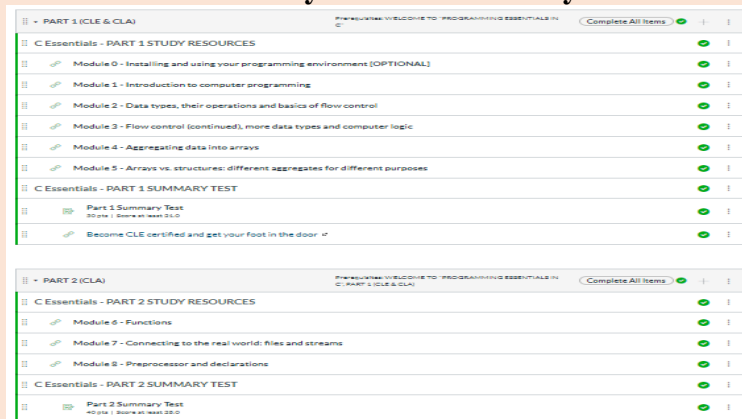
Name of the Coordinators: Mr. G. Balu Narasimha Rao **Duration:** 22 Days

Title of the Workshops/ Seminars/ Certification program	No. of Participants	Name of Resource Persons	Name of Organization/ Institute	Date
A Certification program on C Programming	225	From CISCO Net Academy	CISCO Net Academy, Bengaluru.	12-08-2020 to 31-08-2020

Certification Course Name & Dates



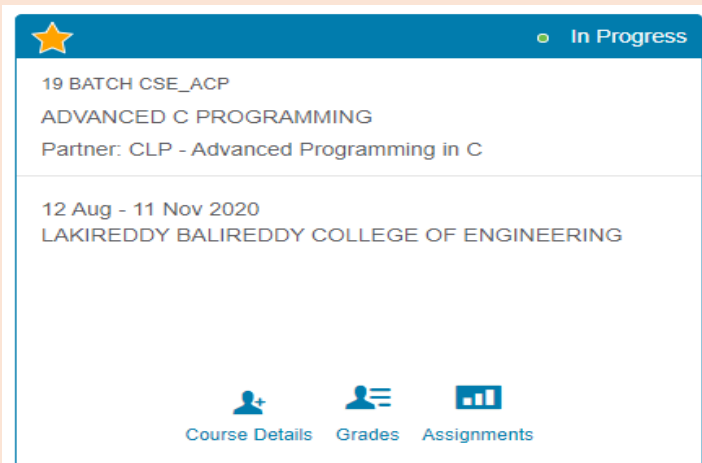
Syllabus & Summary Tests



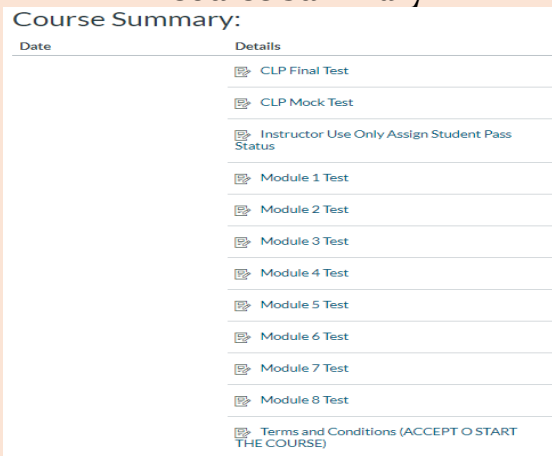
Name of the Coordinators: Mr. G. Balu Narasimha Rao **Duration:** 22 Days

Title of the Workshops/ Seminars/ Certification program	No. of Participants	Name of Resource Persons	Name of Organization/ Institute	Date
A Certification program on Advanced C Programming	193	From CISCO Net Academy	CISCO Net Academy, Bengaluru.	12-08-2020 to 31-08-2020

Certification Course Name & Dates



Course Summary



Guest Lectures / National Level Quizzes conducted : Quiz_01**Duration** : 01 Hour**Name of the Coordinators** : Mr. T. Udaya Kumar & Mr. A. S. R. C. Murthy **Dt:** 07-08-2020

Title of the program	No. of Participants	Name of Resource Persons	Name of Organization/ Institute
Test Your Programming – A National Level Technical Quiz	524	Mr. T. Udaya Kumar Mr. A. S. R. C. Murthy	LBRCE, Mylavaram

Student Chapter/Professional Society activities :

Name of the Student Chapter	Name of the Event	No. of Participants	Date
CSI	One Day Webinar on Data Structures and Its Applications	157	11-08-2020

Technical Club Activities

Name of the Technical Club	Name of the Event	No. of Participants	Date
Association of Computer Geeks	Test Your Programming – A National Level Technical Quiz	524	07/08/2020
CSI	Test Your Programming – A National Level Technical Quiz	157	11/08/2020

Faculty attended International/National Conferences (External)

Name of the Faculty	Name of the Conference	Institute/Organization	Duration (From....to..)
Dr.Ch.Venkata Narayana	Computational Intelligence & Data Engineering (ICCIDE- 2020)	Vasavi College Of Engineering, Hyderabad	08-08-2020 to 09-08-2020
Mr.A.Raja Gopal	Computational Intelligence & Data Engineering (ICCIDE- 2020)	Vasavi College Of Engineering, Hyderabad	08-08-2020 to 09-08-2020
Mr.G.Balu Narasimha Rao	Computational Intelligence & Data Engineering (ICCIDE- 2020)	Vasavi College Of Engineering, Hyderabad	08-08-2020 to 09-08-2020
Dr.M.Srinivasa Rao	1 st International Conference on Mathematical Modeling and Computational Science (ICMMCS 2020)	Lincoln University College, Malaysia	14-08-2020 to 15-08-2020
	1 st International Virtual Conference on "Integrated Intelligence Enable Networks & Computing".(IIENC 2020)	Institute of Technology, Gopheshwar. Uttarakhand	05-09-2020 to 07-09-2020

Books and chapters

Name of the Faculty	Title of the book/chapters published	Title of the paper	Year of publication	ISBN/ISSN number of the proceeding	Name of the publisher
D.Srinivasa Rao	Advances in Computational and Bio-Engineering	Frequent Item-Set Mining Using Lexicographical Sequential Tree Construction on Map Reduce Framework	Aug 2020	978-3-030-46939-9	Springer
Dr. O. RamaDevi	Introduction To Data Science	Book Editor	Sep-2020	978-93-5416-648-8	Immortal Publications
Shaik Johny Basha, Dr. Jagan Mohan Reddy	Introduction To Data Science	An Introduction to Data Science, Data Scientist & Data Analytics	Sep-2020	978-93-5416-648-8	Immortal Publications
D.Srinivasa Rao,	Introduction To Data Science	Data Science: Issues, Challenges and Applications	Sep-2020	978-93-5416-648-8	Immortal Publications
1.M. Sitha Ram, 2.Shaik Johny Basha, 3.Seelam Srinivasa Reddy	Introduction To Data Science	Data Preparation, Data Preprocessing & Data Wrangling: Key Skills to become a Data Scientist	Sep-2020	978-93-5416-648-8	Immortal Publications
Shaik Johny Basha	Introduction To Data Science	Machine Learning Algorithms for Data Science Beginners: A Comprehensive Review	Sep-2020	978-93-5416-648-8	Immortal Publications
1.Shaik Johny Basha, 2.Dr. Duggineni Veeraiah,	Introduction To Data Science	A Study on Sentiment Analysis and its Applications	Sep-2020	978-93-5416-648-8	Immortal Publications
1.G.V. Suresh, 2.B.Sivarama Krishna, 3.L.V.Krishna Rao	Introduction To Data Science	Mathematical Modelling of Deterministic and Stochastic Models of Infectious Disease	Sep-2020	978-93-5416-648-8	Immortal Publications

Faculty Recognitions and Achievements:

Name of the Faculty	Name of the Award/Recognition	Awarding or Recognized Agency/Institute	Date of recognition/Award
Mr. S. Srinivas Reddy	Wipro Certified Faculty	Wipro	July 2020
Sk.Johny Basha	Best Researcher Award	Indian Academicians and Researchers Association	30.08.2020

Placements

Name of the Organization	Name of the Students	Roll Number	Gender	Package
LEGATO HEALTH	P ANUSHA	16761A0542	FEMALE	3.25
LEGATO HEALTH	P SISRISHA	16761A0538	FEMALE	3.25
LEGATO HEALTH	P YASASWANI	16761A05A1	FEMALE	3.25
LEGATO HEALTH	K GAYATHRI	16761A0524	FEMALE	3.25

List of Technical Symposia participated by students:

Name Of Technical Symposia	Name Of The Event
National Level Quiz On "English Grammar And Communication	National Level Quiz
Technical quiz National level	Quiz on C programming
Technical quiz National level	Basics of Python programming
Technical quiz National level	Environmental awareness
Technical quiz	Test your programming
National level Online Quiz	Creative writing
Technical quiz National level	C,C++
Online Quiz	Communication and digital institute for higher education
Quiz	Numerical methods
Creative Writing	Independence Day 2020
Test your Programming – A National Level Technical Quiz	QUIZ
Quiz on Fundamentals of Electronics	QUIZ
Independence Day 2020	Group Discussion
Quiz	Word Wizardry
Online Quiz	Quiz on Fundamentals of Electronics
Online Quiz	Green Energy Club

List of Workshops participated by Students:

Name Of Workshop	Name Of The Organization/Institute
python programming	APSSDC
Android Application Development	APSSDC
Android application development	APSSDC
Basis of cyber security	APSSDC
Android Application development	APSSDC
Gamification with AR and VR	APSSDC
Web Development Using DJANGO	APSSDC
Android Application Development.	APSSDC
Game Design Using BUILD BOX	APSSDC
Source code management using git and github	APSSDC
game development using buildbox	APSSDC
Internet of things	APSSDC
Web designing using react js,	APSSDC
Career in cloud computing	APSSDC
ChatBot Development Using Python	Swecha AP
Data Structures and its Applications	LBRCE
MI & Ai	Chalapathi Institution Of Engineering And Technology
Digital Image Processing	Apssdc
Robotics	Vikas College Of Engineering
Aws Cloud Computing	APSSDC
Entrepreneurship-Challenges & Opportunities In Building Tech Companies	Biet-Iic Hyderabad
Machine Learning Using Python	APSSDC

List of Certification Programs done by students:

Name Of The Course	Name of The Organization/Institute & Place
Using python to access web data	University of Michigan Coursera
AI for everyone	Cousera
Capstone:retrieving,processing,visualizing data with python	Coursera
using data bases with python	cousera
C for Everyone: Programming Fundamentals	cousera
Covid-19 contact tracing	Johns Hopkins University
technical support and fundamentals(courseera)	courseera
Write Professional Emails in English	Course era
Networking and Security in iOS Applications	Course era
Practical Vim Editor Commands On Linux	Course era
Getting Started with AI using IBM Watson	Course era
Introduction to Artificial Intelligence (AI)	Course era
Python Basics	Course era
Introduction to the Internet of Things andEmbedded Systems	Course era
C programming in Cisco	Cisco Network Academy
Improve Your Communication Skills	COURSERA-Georgia Tech
Data Science Certification Course	Udemy
Complete Linear Regression Analysis In Python	Udemy
Programming Essentials In Python	CISCO
Cloud Computing	AWS Educate
programming essential in c	CISCO
C++	CISCO
Python Programming	CISCO
Programming for everybody	Coursera
Python data structure	Coursera
Communication skills for Engineers	courseera
Writing Skills for Engineering Leaders	Coursera
oral communication for engineering leaders	Coursera
interpersonal communication for engineering leaders	Coursera
writing skills for engineering leaders	Coursera
3D-MODELS	University of LONDON
INTRODUCTION TO VR	University of LONDON
cloud computing	AWS
Chinese For Beginners	Coursera
Build Your Professional Eportifolio In English	Coursera
Identifying Security Vulnerabilites In C/C++Programming	Coursera



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(AUTONOMOUS)

Accredited by NAAC & NBA, 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

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