

# LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

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L.B. REDDY NAGAR, MYLAVARAM, NTR DIST., A.P.-521 230.

[hodcse@lbrce.ac.in](mailto:hodcse@lbrce.ac.in), [cseoffice@lbrce.ac.in](mailto:cseoffice@lbrce.ac.in), Phone: 08659-222 933, Fax: 08659-222931

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**REPORT**  
**on**  
**A FIVE-DAY WORKSHOP for SUPPORTING STAFF**  
**on**  
**“PYTHON PROGRAMMING”**  
**(15<sup>th</sup> – 20<sup>th</sup> Nov 2023)**

Lakireddy Bali Reddy College of Engineering (A) has organized a **Five-day workshop for supporting staff on “PYTHON PROGRAMMING” from 15<sup>th</sup> -20<sup>th</sup> NOV 2023**. This training program was organized by Department of CSE and have received an overwhelming response with more than 20 registrations from CSE, IT, CSE(AI&DS), CSE(AI&ML) of our institution. Out of them, we have shortlisted only 15 participants by giving more preference to the programmer and sr. programmer.

**Date: 15/11/2023**

**Inauguration:**

**5-day workshop was inaugurated on 15/11/2023 by Dr. K. Appa Rao, Principal and Dr. D. Veeraiah, Professor and HOD, CSE Department and Convener of WORKSHOP along with the Resource Persons, Dr. Y.V. Bhaskar Reddy, Mr. Johny Basha, Mr. S. Govindu, Ms. G. V. Rajyalakshmi, Mr. N. Srinivasa Rao and Mr. S. Srinivasa Reddy and Coordinator of WORKSHOP, Dr. J. Nageswara Rao, Associate Professor, CSE Department. And Co-coordinators Mr.A. Gopi Suresh, Sr. Assistant Professor, CSE Department, Mr. Ch. Srinivasa Rao, Assistant Professor, CSE Department, Mr. P. Somaraju, Assistant Professor, CSE Department.**

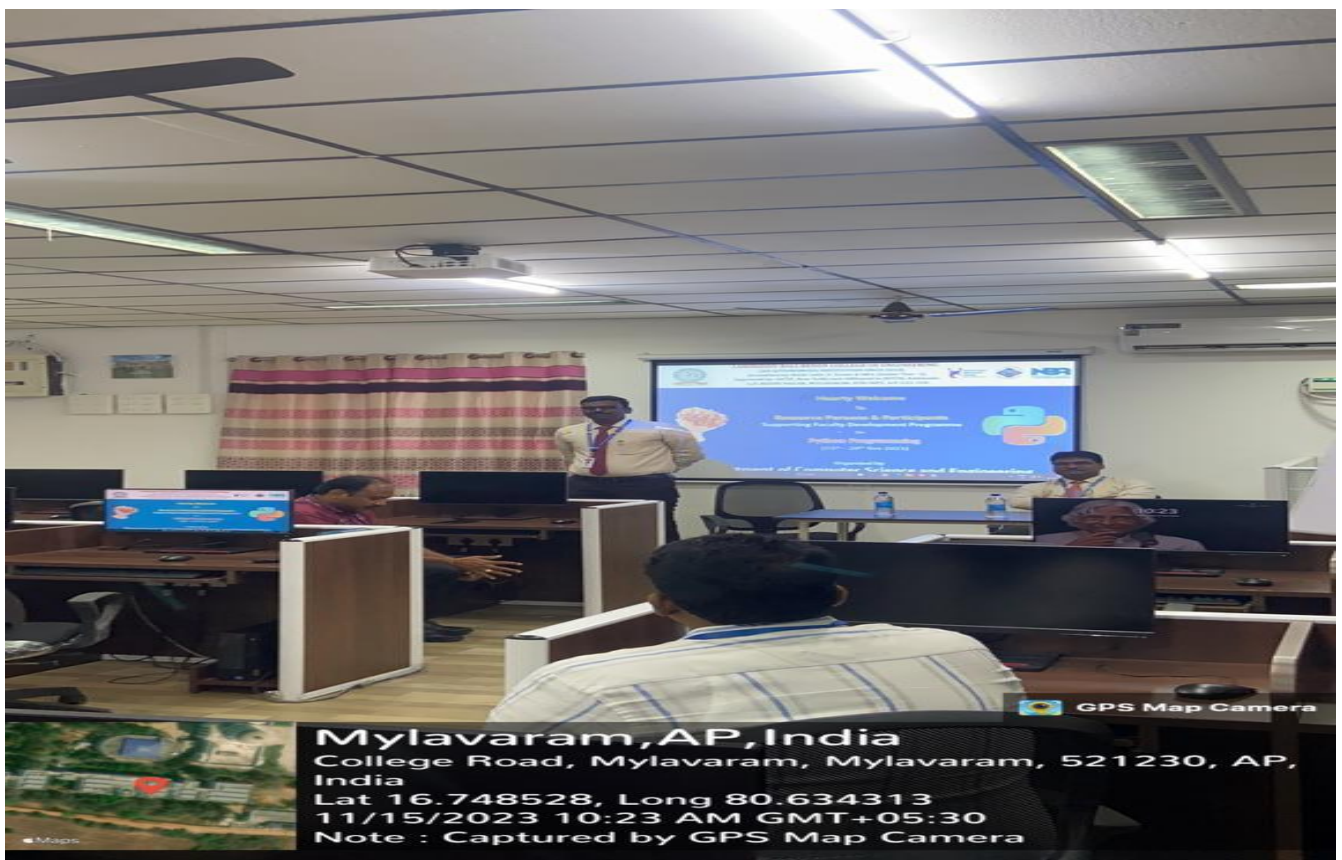
In his Inaugural Speech, **our Beloved PRINCIPAL, Dr. K. Appa Rao** gave his insights about the Python programming. And, he added that knowledge can be acquired easily, and skill set of the employee of the organization increases by practicing and actively engaging in the skill upgradation programs like these.

In his Inaugural Speech **our HOD, Dr. D. Veeraiah**, gave his insights about the coding and importance of python programming. And, he added that for better laboratory conduction the supporting staff must involve and update their skill set in current trending technology. So,

everyone should get knowledge on this and can actively engage in laboratory works of their respective labs in the departments easily and effectively.



**Fig. 1: 15/11/2023 - Inaugural Speech by our Beloved Principal Dr. K. Appa Rao**



**Fig. 2: 15/11/2023 - Inaugural Speech by our HOD Dr. D. Veeraiah**

**Day 1: 15/11/2023**

**Topic1: Introduction to Python**

**Topic2: operators**

**Practice Session: exercise programs 1-4**

**Resource Person: Dr. Y. Vijay Bhaskar Reddy, CSE Department, LBRCE**

Our Resource Person, **Dr. Y.V. Bhaskar Reddy** started his lecture by giving clear insights on the fundamental differences between C, C++, Java, and Python. Then he started his session by giving clear lecture on basics and advanced concepts of object-oriented programming and procedure-oriented programming. Also, he explained basic python program statements like print etc.... and some example programs on GCD.



**Fig. 3: 15/11/2023 – Session -1,2,3 by Dr. Y. Baskar Reddy on introduction to python.**

**Day 2: 16/11/2023**

**Topic1: Control Structures**

**Topic2: Lists**

**Practice Session: exercise programs 5-8**

**Resource Person: Mr. SK. Johny Basha, CSE Department, LBRCE**

Our Resource Person, **Mr. SK. Johny Basha**, started his lecture by giving clear insights on the usage of Control Structures like if, if else, elif. Then he started his lecture by giving insights on the basics of if, if else and elif and their difference in usage for different programs were explained clearly.



**Fig. 4: 16/11/2023 – Session by Mr. SK. Johny Basha on control structures, operators**

**Day 3: 17/11/2023**

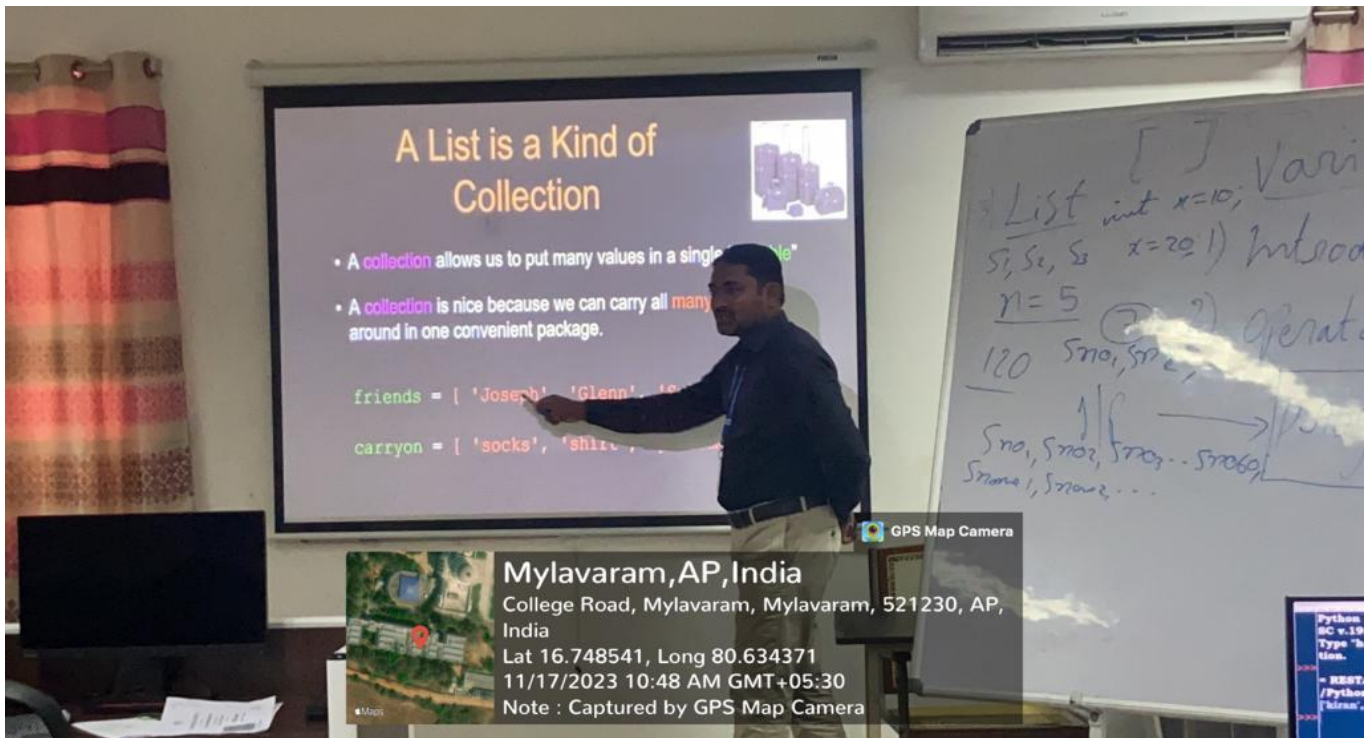
**Topic1: Lists, Tuples**

**Topic2: Sets**

**Practice Session: exercise programs 9-14**

**Resource Person: Mr. S. Srinivasa Reddy, CSE Department, LBRCE**

Our Resource Person, **Mr. S. Srinivasa Reddy** started his lecture by giving clear insights on the previous day topic. Then he started his session by giving clear lecture on advanced concepts of tuples and sets their usage with some example programs are demonstrated and in practice session staff practiced exercise programs from 9-14 and clarified their doubts while practicing.



**Fig. 5: 17/11/2023– Session by Mr. S. Srinivasa Reddy on Concepts of List, Tuples.**

**Day 4: 18/11/2023**

**Topic1: Dictionaries, Functions**

**Topic2: Python Strings**

**Practice Session: exercise program 15-18**

**Resource Person1: Ms. G.V. Rajya Lakshmi, CSE Department, LBRCE**

**ResourcePerson2: Mr. S. Govind, CSE Department, LBRCE**



Fig. 6: 09/04/2021– Session by **Ms. G.V Rajya Lakshmi** on Advanced Concepts of **Dictionaries, Functions.**



Fig. 7: 09/04/2021– Session by **Mr. Govind** on Advanced Concepts of **Python String**

Our Resource Persons, **Ms. G.V. Rajya Lakshmi, Mr. S. Govind** are started their lecture by giving clear insights on the previous day topic. Then he started his session by giving clear lecture on advanced concepts of Built Datatypes in Python for performing important operations such as **Dictionaries, Functions, Python String**.

**Day 5: 20/11/2023**

**Topic1: Control Structures**

**Topic2: Lists**

**Practice Session: exercise programs 18-20**

**Resource Person: Mr. N. Srinivasarao, CSE Department, LBRCE**

Our Resource Person **Mr. N. Srinivasa Rao** started his lecture by giving clear insights on MS PowerPoint. Then he started his session by giving clear lecture on how the presentation must prepare, slides should be organized, videos can be added, animations to the content etc. has been delivered.



**Fig. 7: 20/11/2023– Session by Mr. N.Srinivasarao on Control Structures**

**Date: 20/11/2023**

**Valedictory Session:**

On the Valedictory Session our **Principal, Dr. K. Appa Rao**, joined the session as a Chief Guest along with **Dr. D. Veeraiah, Professor and HOD, CSE Department and Convener of WORKSHOP** and the **Resource Persons, Dr. Y.V. Baskar Reddy, Mr. Sk. Johny Basha, Mr. S. Srinivasa Reddy, Ms. G.V. Rajya Lakshmi, Mr. S. Govind : Ms. G.V. Rajya Lakshmi, Mr. N. Srinivasarao and Coordinator of WORKSHOP, Dr. J. Nageswara Rao, Assoc Prof, Dept. of CSE, and Co-Coordinators Mr. A .Gopi Suresh, Sr.Asst.Prof ,Mr.Ch.Srinivasa Rao, Asst.Prof , Mr.P. Somaraju, Asst.Prof CSE Department.**

**Dr. K. Appa Rao, Principal, LBRCE(A)**, in his valedictory addressing, thanked every participant of WORKSHOP and he thanked our Resource Persons, **Dr. Y. Baskar Reddy, Mr. Sk. Johny Basha, Mr. S. Srinivasa Reddy, Ms. G.V. Rajya Lakshmi, Mr.S. Govindu; Ms. G.V. Rajya Lakshmi, Mr. N. Srinivasa Rao** for taking their 5 days of time to our WORKSHOP and congratulated the Program Convener **Dr. D. Veeraiah** and **Dr. J. Nageswara Rao** for organizing the WORKSHOP in a successful manner. Further, he appreciated all the Teaching and Non-Teaching Staff Members of CSE Department for promoting such kind of development programme for the supporting staff.

At the end of the valedictory session, vote of thanks was given by **Dr. J. Nageswara Rao, Coordinator of the WORKSHOP** in which he has been paid his gratitude towards all the participants who has spared their valuable time for attending this WORKSHOP. He also expressed the gratitude to the Resource Persons, Principal, Head of the Department and Management for giving this valuable opportunity for our participants and sharing their knowledge to them.



Nevertheless, he has given thanks to our Principal, Dr. K. Appa Rao and Dr. D. Veeraiah, HOD, CSE Department, “We are highly thankful to the Principal and Head of the Department for giving a chance to organize this WORKSHOP in our campus and hope we will find the



support in future also for organizing such kind of activities.

” Fig. 9: 20/11/2023– Dr. K. Appa Rao, Principal addressing the participants in Valedictory.

### **Feedback from the Participants:**

The feedback of the participants was very positive and motivational for the organizers. The participants felt very happy for conducting the WORKSHOP on Python Programming which is very useful for them in Day-to-Day activities. They have learned a lot on Python Programming in both theoretical and practical manner. They said that this program was very useful and helpful for them in their works and career also. They are very interested to join this type of workshops further .We will be encourage the supporting staff for conducting new workshop on Machine learning for upcoming days. All the participants appreciate the sessions by our Resource Person and the arrangements made by the organizers.





**Fig. 10:20/11/2023– Dr. K. Appa Rao, Principal, and Dr. D. Veeraiah, HOD listening to the Feedback from Participants.**

  
**Coordinator**  
**(Dr. J. Nageswara Rao)**

  
**Convener**  
**(Dr.D.Veeraiah)**