

## **Report**

### **Title of the FDP: Hurdles and Solutions in Research Avenues**

**On 13-07-2020 to 26-07-2020 (14 Days).**

#### **Funding Details of the Workshop: Funding from Participants Registrations**

Aiming to provide an intense of research at Post Graduate Level, Research Scholars and Faculty of different Colleges, a **Fourteen Day Faculty Development Programme** on ‘**Hurdles and Solutions in Research Avenues**’ held during 13-07-2020 to 26-07-2020 (14 Days) at Tara Government College, Sangareddy, organized by Department of Computer Science through Online Mode (ZOOM). Total 450 participants attended the workshop. For this Faculty Development Programme Ten (10) Resource Persons are invited.

#### **Resource Persons:**

1. Prof: B. Vishnu Vardhan, Vice Principal, Dept. of CSE, JNTU College of Engineering, Manthani, Ramagundam, Telangana.
2. Prof: N.V.S.Raju, Former Vice Principal, Dept. of Mechanical Engineering, JNTU College of Engineering, Jagtial, Telangana State.
3. Prof: Ramana Rao, Group Manager, Wipro Limited, Hyderabad, Telangana
4. Prof: D.L. Padmaja, Associate Professor, Dept. of IT, Anurag University, Hyderabad, Telangana
5. Dr.N. Venkateshwarlu, Associate professor, Dept. of Mechanical Engineering School of Engineering and Technology (SOET) IGNOU New Delhi
6. Dr. Manju Khari, Assistant Professor, Dept. of CSE, Ambedkar Institute of Advanced Communication Technologies and Research, Delhi
7. Dr. Aarti Jain, Assistant Professor, Dept. of ECE, Ambedkar Institute of Advanced Communication Technologies and Research, Delhi
8. Dr.T. Raghunath Reddy, Associate Professor, Shadan College of IT, Hyderabad
9. Prof. Bhadri Raju MSVS, Professor & HOD of CSE Dept. of CSE, SRKR Engineering College Bhimavaram, A.P.
10. Dr. Aadi Narayana Reddy, Associate professor, Dept. of IT, BVRIT Hyderabad College of Engineering for Women, Hyderabad, Telangana

## **Report of the Workshop:**

The Faculty Development Programme is started on 13<sup>th</sup> July 2020 at 11:00 am FDP Director our college principal speaking on the occasion Faculty Development Programme. After that speech Convener of the FDP Smt. N. Shravani, Head Department of Computer Science and Applications given brief introduction about Fourteen Day FDP.

13<sup>th</sup> July 2020 (Monday):

Topic: What is Research?  
Time: 11:00 AM to 1:00 PM  
Resource Person: Prof: B.Vishnu Vardhan, Vice Principal,  
Dept. of CSE, JNTU College of Engineering, Manthani, Ramagundam,

14<sup>th</sup> July 2020 (Tuesday):

Topic: The Opportunities in the Recent Research Avenues  
Time: 09:00 AM to 11:00 AM  
Resource Person: Prof: N.V.S.Raju, Former Vice Principal, Dept. of Mechanical Engineering,  
JNTU College of Engineering, Jagtial.

15<sup>th</sup> July 2020 (Wednesday):

Topic: Importance of Statistics and Mathematical Modeling  
Time: 11:00 AM to 1:00 PM  
Resource Person: Prof: Ramana Rao, Group Manager Wipro Limited, Hyderabad.

16<sup>th</sup> July 2020 (Thursday):

Topic: Survey and Its Importance  
Time: 11:00 AM to 1:00 PM  
Resource Person: Prof: Associate Professor, Dept. of IT, Anurag University, Hyderabad.

17<sup>th</sup> July 2020 (Friday):

Topic: Defining a Problem  
Time: 11:00 AM to 1:00 PM  
Resource Person: Prof: B.Vishnu Vardhan, Vice Principal,  
Dept. of CSE, JNTU College of Engineering, Manthani, Ramagundam,

18<sup>th</sup> July 2020 (Saturday):

Topic: Searching Bibliography Data Corpus  
Time: 11:00 AM to 1:00 PM

Resource Person: Dr.N. Venkateshwarlu, Associate professor, Dept. of Mechanical Engineering, School of Engineering and Technology (SOET), IGNOU New Delhi

19<sup>th</sup> July 2020 (Sunday):

Topic: Role of a Guide

Time: 11:00 AM to 1:00 PM

Resource Person: Dr.Manju Khari, Assistant Professor, Dept. of CSE, Ambedkar Institute of Advanced Communication Technologies and Research, Delhi

20<sup>th</sup> July 2020 (Monday):

Topic: Writing Styles and impact on this Research

Time: 11:00 AM to 1:00 PM

Resource Person: Dr.Aarti Jain, Assistant Professor, Dept. of ECE, Ambedkar Institute of Advanced Communication Technologies and Research, Delhi

21<sup>th</sup> July 2020 (Tuesday):

Topic: Writing a Paper

Time: 11:00 AM to 1:00 PM

Resource Person: Dr.Manju Khari, Assistant professor, Dept. of CSE, Ambedkar Institute of Advanced Communication Technologies and Research, Delhi

22<sup>th</sup> July 2020 (Wednesday):

Topic: What is the Impact Factor

Time: 11:00 AM to 1:00 PM

Resource Person: Dr.T. Raghunath Reddy, Associate Professor.

23<sup>rd</sup> July 2020 (Thursday):

Topic: Research Matrics

Time: 11:00 AM to 1:00 PM

Resource Person: Prof. Bhadri Raju MSVS, Professor & HOD of CSE  
Dept. of CSE, SRKR Engineering College Bhimavaram, A.P.

24<sup>th</sup> July 2020 (Friday):

Date: 24<sup>th</sup> July 2020

Topic: Writing the Thesis

Time: 11:00 AM to 1:00 PM

Resource Person: Dr. Aadi Narayana Reddy, Associate professor, Dept. of IT, BVRIT  
Hyderabad College of Engineering for Women, Hyderabad.

25<sup>th</sup> July 2020 (Saturday):

Date: 25<sup>th</sup> July 2020

Topic: What is Citation

Time: 11:00 AM to 1:00 PM

Resource Person: Dr. Aadi Narayana Reddy, Associate professor, Dept. of IT, BVRIT  
Hyderabad College of Engineering for Women, Hyderabad.

26<sup>th</sup> July 2020 (Sunday):

Date: 26<sup>th</sup> July 2020

Topic: Importance of Inferences and Role of a Guide

Time: 09:00 AM to 11:00 AM

Resource Person: Prof: N.V.S.Raju, Former Vice Principal, Dept. of Mechanical Engineering,  
JNTU College of Engineering, Jagtial.

**Outcome of the FDP:**

- ❖ After attending FDP, participants will get in depth understanding of research and its implications in decision making process.
- ❖ Gain better understanding on how to design a valid research project to answer specific research questions.
- ❖ Design reliable and valid questionnaires for collection of data.
- ❖ Use descriptive and predictive statistical tools using robust analytical softwares.
- ❖ To make the participants familiar with univariate, bivariate and multivariate statistical Techniques.