



## **Online Joint Teachers Training Program**

**(ONLINE MODE)**

On

**“RESEARCH METHODOLOGY”**

**From 21<sup>st</sup> to 26<sup>th</sup> March, 2022 (Monday - Saturday)**

**Host Institution**

**LAKHMI CHAND INSTITUTE OF TECHNOLOGY, BILASPUR**

### **PROGRAM OBJECTIVE**

The Program aims to enable the Faculty members to learn various steps of good research namely literature review, identification of the problem, related research approach, methods of data collection, analysis of data by various technics for arriving at useful outcome, report writing leading to conclusion of the research paper/ project.

### **PROGRAM OUTCOME**

The Program will inculcate and enhance the abilities of the faculty members to carry out independent research, write successful research projects and research papers, and enable them to technically communicate their research work to recognized National/ International journals/ conferences for Presentation and Publication.

**CHIEF PATRON:** Prof. (Dr.) M. K. Verma, Hon'ble Vice Chancellor, CSVTU Bhilai, C.G.

**DIRECTOR (AICTE):** Col. B. Venkat, Director, Faculty Development Cell, AICTE, New Delhi

**PATRON:** Dr. K. K. Verma, Registrar, CSVTU Bhilai, C.G.

**COORDINATOR:** Dr. R. N. Khare, Principal, VEC Ambikapur, C.G.  
**(AICTE- CSVTU-MoU)**

**Following Renowned Experts will share their knowledge with participants:**

<b>S. No.</b>	<b>Name of Invited Speaker</b>	<b>Designation</b>	<b>Address</b>
1	Dr. Ganesh Shukla	Assistant Professor	Guru Ghasidas Vishwavidyalaya, Bilaspur
2	Dr. Yatish Kumar	Assistant Professor	Motilal Nehru National Institute of Technology, Prayagraj
3	Dr. Amit Agrawal	Assistant Professor	International Institute of Information Technology, Naya Raipur
4	Dr. Anil Kumar Soni	Assistant Professor	Guru Ghasidas Vishwavidyalaya, Bilaspur
5	Dr. Pallavi Pandey	Assistant Professor	Indian Institute of Management, Jammu
6	Dr. Vikas Thakur	Assistant Professor	National Institute of Technology, Rourkela
7	Dr. Bindu Singh	Assistant Professor	Indian Institute of Information Technology, Lucknow
8	Dr. Ankit Chaudhary	Associate Professor	Jawaharlal Nehru University, New Delhi
9	Dr. Debasis Das	Assistant Professor	Indian Institute of Technology, Jaipur
10	Dr. Naval Garg	Assistant Professor	Delhi Technological University, New Delhi
11	Dr. Mridu Sahu	Assistant Professor	National Institute of Technology, Raipur
12	Dr. Divesh Kumar	Assistant Professor	Malaviya National Institute of Technology, Jaipur
13	Dr. Deepika Agrawal	Assistant Professor	National Institute of Technology, Raipur
14	Dr. Govind P. Gupta	Assistant Professor	National Institute of Technology, Raipur
15	Dr. Bikesh Kumar Singh	Assistant Professor	National Institute of Technology, Raipur
16	Col. B. Venkat	Director, Faculty Development Cell (FDC)	AICTE, New Delhi

## **PARTICIPANTS**

Faculty from AICTE approved institutions across the country of relevant disciplines. Priority will be given to faculty from CSVTU affiliated Institutions. Batch Size is limited to maximum 100 participants.

## **ELIGIBLE DISCIPLINES**

The Course will be open to all branches of Diploma, Engineering, Management and Computer Applications.

## **BROAD AREAS**

- Introduction to Research Methodology
- Different Approaches to Research
- Research Design Process
- Literature Review
- Hypothesis Development
- Methods of Secondary Data Collection
- Methods of Primary Data Collection
- Sampling Design
- Measurement & Scaling
- Questionnaire Design
- Data Preparation, Data Tabulation & Screening
- Descriptive Statistics
- Inferential Statistics-I
- Inferential Statistics-II
- Report Preparation
- Research Paper Writing
- Ethics in Research

**REGISTRATION: No Registration Fees, Participation on First Come First Serve basis**

Registration link: <https://forms.gle/yNg22pbrF7dhv4pm8>

**Last date of Registration:** March 15, 2022

## **CERTIFICATION**

Certificates will be issued subject to the participants qualifying the following conditions:

- a) Minimum 80% attendance.
- b) Minimum 60% marks in the exam conducted on last day of the program.

## **THE HOST UNIVERSITY (CSVТУ)**

Chhattisgarh Swami Vivekanand Technical University (CSVТУ) was established by an act (no. 25 of 2004) of legislature passed by the Chhattisgarh State Govt. Assembly vide notification no. 639/21- A/ Praroopan/ 04 dated 21<sup>st</sup> January 2005 to incorporate a University and Technology for the purpose of ensuring systematic, efficient and quality education in Engineering and Technological subjects including Architecture and Pharmacy at Research, Post graduate, Degree and Diploma level.

The University since its inception in the year 2005 is striving hard to emerge as one of the Nation's prominent Universities to fulfill its commitment to the service of State and Nation. It was inaugurated on 30th April 2005 by the Hon'ble Prime-Minister of India Dr. Manmohan Singh. The University without waiting for full-fledged infrastructure development started identifying the frontier area of research and development and outreach programs for the benefit of the society. With this approach several academic programs, seminars, workshops and conferences have been conducted by the University during past 5 years.

In order to improve the standards of the education and enable the students to acquire the knowledge and skills required in the professional world the scheme of teaching, learning and syllabus was designed and implemented by way of brainstorming session, taskforce, group working and workshops on Redefining the Technical Education. The efforts have been widely appreciated and the University has earned distinction of introducing soft skills as a part of the curriculum. The courses include communication skills, group discussion, human values education, health hygiene and yoga, personality development, entrepreneurship and project based learning.

Bhilai Township is considered one of the most eminent education hubs of India. The formalities of acquisition of land have been completed and construction of the University building and related facilities are in progress. The construction of University Administrative building is complete.

**Presently there are 44 Engineering Colleges, 1 Architecture Institution, 40 Polytechnics and 11 Pharmacy Colleges affiliated to the University.**

University has introduced digitalized evaluation system over the last few years that has brought in a sea- change in the publication of result precisely ahead of the schedule, thereby increasing substantially the available time for teaching and interaction with the students.

Owing to the different reformative measures adopted by the university, **WORLD MANAGEMENT CONGRESS**, Higher Education and Development Summit, conferred **“EMERGING TECHNOLOGICAL UNIVERSITY OF THE YEAR AWARD”** on 30th Dec 2011 during the global meet held at world Management Congress New Delhi. The Chief Minister, Chhattisgarh has expressed his

happiness – which in fact has added another new dimension to the enhancement of visibility of the University in the current challenging scenario of upgrading educational standards.

## **THE HOST INSTITUTE (LCIT)**

Lakhmi Chand Institute of Technology, established in the year 2008 under the aegis of Shri Shri Vidyasagar Ji Maharaj Education Trust with the goal of providing education in Engineering and Management, a close interaction with the industry, and a strong emphasis on research. The Institute not only strives to train the students to become excellent scientists, technologists, thinkers and leaders of the society, but also help them to mould themselves into better human beings.

The Institute encourages the students to participate in co-curricular activities like sports, intercollegiate competitions, project exhibitions, industrial visits, etc. in a balanced manner. Institute aims to generate greater interaction with the Industry in student projects, workshops and seminars.

### **DIRECTOR**

Dr. Piyush Kant Pandey

LCIT Group of Institutions

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### **PROGRAM COORDINATOR**

Dr. Himanshu Vaishnaw

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### **PROGRAM CO-COORDINATOR**

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