

Five Days Workshop on Effective Teaching in Computer Science (Online Mode only)

Organized By
TLC, Central University of Rajasthan
13th – 17th July, 2020

Activity Undertaken	Objectives achieved/Details
Five Days Workshop on Effective Teaching in Computer Science No. of Participants - 23	In this workshop, there were 23 participants from more than 18 different institutions of India. The participants were from Computer Science discipline. In this workshop, participants were exposed to The Synergy of Knowledge, Skill and Disposition, Effective Teaching of Algorithms, Effective Teaching of Digital System, Effective Teaching of Theory of Computation, Teaching Computer Graphics, Effective Teaching of Machine Learning, How Students Learn Computer Science and How to Teach It, Teaching OS, Programming in Python etc. Speakers from Several institutes such as IIT Bombay, IIT Madras, IIIT, Hyderabad and University of Michigan were invited to deliver lectures.

Patron

Prof. Arun K Pujari
Hon'ble Vice Chancellor

Advisory Committee

Prof. Neeraj Gupta
Prof. Manish Dev Shrimali
Prof. D C Sharma
Ms. Ritu B Rai, Associate Professor

Organizing Committees

Dr. Ajit K. Patra, Dept. of Physics
Dr. Umesh Gupta, Dept. of Pharmacy

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Effective Teaching in Computer Science
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S. N.	Name of Speaker	Designation	Institutions	Discipline	Topics
1.	Prof. P. S. Avadhani	Professor	Indian Institute of Information Technology, Agartala	Computer Science	Inaugural Session
2.	Prof. Abhiram G. Ranade	Professor	Indian Institute of Technology, Bombay	Computer Science	The Synergy of Knowledge, Skill and Disposition
3.	Prof. Venkatesh Raman	Professor	The Institute of Mathematical Sciences, Chennai	Computer Science	Effective Teaching of Algorithms
4.	Prof. C. Pandurangan	Professor	Indian Institute of Technology, Madras	Computer Science	Effective Teaching of Algorithms
5.	Prof. Hemangee K. Kapoor	Professor	Indian Institute of Technology, Guwahati	Computer Science	Effective Teaching of Digital System
6.	Prof. R. Ramanujam	Professor	The Institute of Mathematical Sciences, Chennai	Computer Science	Effective Teaching of Theory of Computation
7.	Prof. D. B. Phatak	Professor	Indian Institute of Technology, Bombay	Computer Science	Back to Basics
8.	Prof. Venkatesh V. Kamat	Professor	Goa University, Goa	Computer Science	Teaching Computer Graphics
9.	Prof. C. V. Jawahar	Professor	International Institute of Information Technology, Hyderabad	Computer Science	Effective Teaching of Machine Learning
10.	Prof. Mark Guzdial	Professor	University of Michigan, U.S.A.	Computer Science	How Students Learn Computer Science and How To Teach It
11.	Prof. Chakravarthy Bhagvati	Professor	University of Hyderabad, Hyderabad	Computer Science	Teaching OS
12.	Prof. Vishv Mohan Malhotra	Professor	Former Professor of University of Tasmania and Indian Institute of Technology, Guwahati	Computer Science	Programming in Python

Workshop Schedule

Date	1 st Half Session (10.15 AM – 01.15 PM)		2 nd Half Session (02.30 – 05.30 PM)	
13th July, 2020 (Monday)	10.15 to 11.15 AM	11.15 A.M. to 1.15 PM	Effective Teaching of Algorithms Prof. Venkatesh Raman The Institute of Mathematical Sciences, Chennai	
	Inaugural Session	The Synergy of Knowledge, Skill and Disposition Prof. Abhiram G. Ranade Indian Institute of Technology, Bombay		
14th July, 2020 (Tuesday)	Effective Teaching of Algorithms Prof. C. Pandurangan Indian Institute of Technology, Madras		Effective Teaching of Digital System Prof. Hemangee K. Kapoor Indian Institute of Technology, Guwahati	
15th July, 2020 (Wednesday)	Effective Teaching of Theory of Computation Prof. R. Ramanujam The Institute of Mathematical Sciences, Chennai		Distinguished Lecture	
16th July, 2020 (Thursday)	Teaching Computer Graphics Prof. Venkatesh V. Kamat Goa University, Goa		2.30 to 4.30 PM	4.30 to 5.30 PM
			Effective Teaching of Machine Learning Prof. C. V. Jawahar International Institute of Information Technology, Hyderabad	How Students Learn Computer Science and How To Teach It Prof. Mark Guzdial, University of Michigan, U.S.A., 7 AM EDT
17th July, 2020 (Friday)	Teaching OS Prof. Chakravarthy Bhagwati University of Hyderabad, Hyderabad		Programming in Python Prof. V. M. Malhotra Former Professor of University of Tasmania and Indian Institute of Technology, Guwahati	

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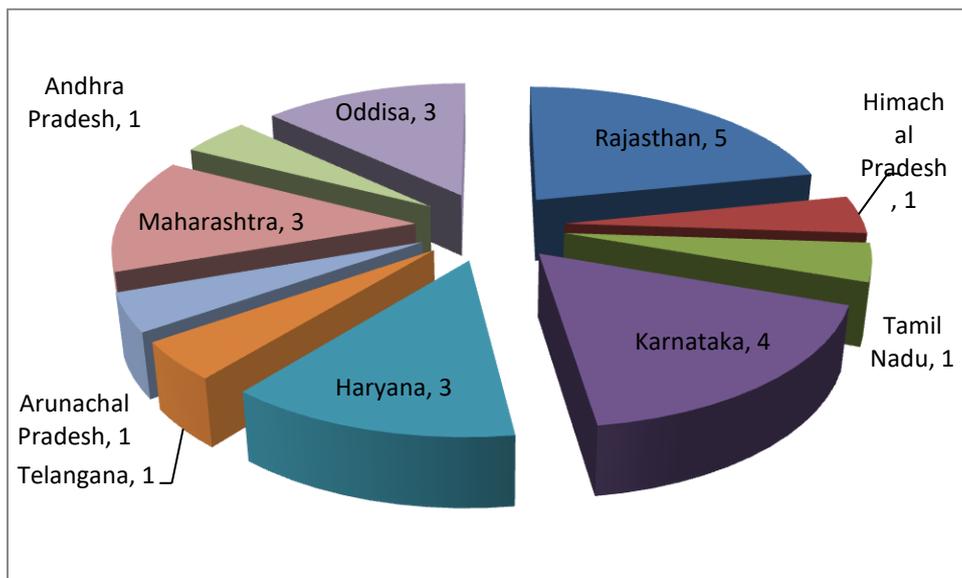
List of Participant

S. No.	Name of Participant	Affiliation
1.	Mr. Bhaskar Jyoti Chutia	Rajiv Gandhi University, Rono Hills, Doimukh, Dist- Papumpare, Arunachal Pradesh
2.	Dr. Krishna Kumar Mohbey	Central University of Rajasthan, Bandarsindri, Kishangarh, Ajmer
3.	Mr. Bapu Daji Chendage	PAH Solapur University, Solapur, Maharashtra
4.	Dr. P. Bhargavi	Sri Padmavati Mahila Visvavidyalayam, Tirupati
5.	Purna Chandra Sethi	Rama Devi Women's University, Bhubaneswar, Odisha
6.	Dr. Biswojit Nayak	Utkal University, Vani Vihar, Bhubaneswar, Odisha
7.	Mr. Shashikumar N. T.	Sri K H Patil Government First Grade College , Hulkoti , Gadag Taluk and District , Karnataka
8.	Dr. Harish B.G	University BDT College of Engineering, Davanagere
9.	Mr. Mohammad Islam	Maulana Azad National Urdu University, Gachibowli, Hyderabad, Telangana
10.	Miss. Zeenath Shahabuddin Shaikh	Willingdon College Sangli
11.	Monalisa Jena	Rama Devi Women's University, Bhoingar, Bhubaneswar, Odisha
12.	Sushmitha Vadone V	Government First Grade College, Tarikere, Chikmagalur District, Karnataka
13.	Mohan Kumar N	Smt. Sri. YER G.F.G.C. Pavagada, Tumakur District,

		Karnataka
14.	Devika G.	Government Engineering College KRPET Mandya Karnataka
15.	Ms. Paramjeet Kaur	Govt. National P. G. College, Sirsa
16.	Dr. A. Nagaraju	Central University of Rajasthan, Bandarsindri, Kishangarh, Ajmer
17.	Dr. H. Hannah Inbarani	Periyar university, Salem, Tamil Nadu
18.	Dr. Rifaqat Ali	National Institute of Technology, Hamirpur
19.	Dr. Ajay Indian	Central University Of Rajasthan, Bandarsindri, Kishangarh, Ajmer
20.	Dr. Vikas Tukaram Humbe	SRTM University, Sub-Campus, Latur
21.	Debajyoti Ghosh	BML Munjal University
22.	Dr. Vikas Kumar	Central University of Rajasthan, Bandarsindri, Kishangarh, Ajmer
23.	Dr. Upasana Talukdar	Central University of Rajasthan, Bandarsindri, Kishangarh, Ajmer

State Wise Details of Participants:

Sl. No.	State	Number of Participants
1.	Rajasthan	5
2.	Himachal Pradesh	1
3.	Tamil Nadu	1
4.	Karnataka	4
5.	Haryana	3
6.	Telangana	1
7.	Arunachal Pradesh	1
8.	Maharashtra	3
9.	Andhra Pradesh	1
10.	Oddisa	3
Total Numbers of Participants		23



Discipline Wise Details of Participants:

Sl. No.	State	Number of Participants
1.	Commerce Science	21
2.	Data Science & Analytics	2
Total Numbers of Participants		23

