## COURSE STRUCTURE DAY 1

- Inauguration function
- Advances in concrete technology
- Prediction of compressive strength of Corn cob ash Concrete at different ages by using an Artificial Neural Network.

#### DAY 2

- Concrete 3D printing in construction industry
- Advanced FEA modeling of fiber-reinforced concrete.

#### DAY 3

- Gravity inspired beam forms
- Case Study on analytical study of SCC with micro steel fibre and modeling using abaqus.

#### DAY 4

- Recycled aggregate concrete-sustainable and functional composite construction material.
- Geopolymer concrete: A Sustainable construction material.

#### DAY 5

- High performance and High-density
   Concrete- A case study
- Applications of artificial neural network
- Green Concrete: A sustainable construction
  material
- Valedictory
- Feedback.

#### **Chief Patrons:**

Dr YASHWANTH BHUPAL DIRECTOR, BITM, BALLARI.

#### Patrons:

Prof. PRITHVIRAJ Y J DY. DIRECTOR BITM, BALLARI.

Dr. YADAVALLI BASAVARAJ PRINCIPAL, BITM, BALLARI.

Dr. T H PATEL
PROF & HOD
DEPT OF CIVIL ENGG
BITM, BALLARI.

#### **FDP** Coordinators:

Dr. D. MANIKANTA ASSO PROFESSOR

Mr. MD KHALID S ASST PROFESSOR

Mr. SHIVAKUMAR K ASST PROFESSOR

Mr. RAVICHANDRA A.H ASST PROFESSOR

Mr. TANU H.M.
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Department of Civil Engineering, BITM, Ballari, 583104-Kamataka. Mobile No: 7795492280, 7204585122 E-mail: manikanta299@gmail.com ravibitm9@gmail.com Five days Faculty Development
Program
On

# "Advancements in Concrete Technology (AICT-2022)"

19/12/2022 to 23/12/2022 (Virtual mode)











Organized
by
DEPARTMENT OF CIVIL ENGINEERING
BALLARI INSTITUTE OF TECHNOLOGY
& MANAGEMENT

Autonomous institute under VTU, Belagavi "Jnana Gangothri campus" #873 Hospet Road, Allipura Ballari – 583104

#### **About College**

Ballari Institute of Technology & Management Ballari (An autonomous institute) was started under the aegis of TEHRD Trust, Ballari in the year 1997. The institution is recognized by Govt of Karnataka approved by AICTE, New Delhi and affiliated to Visvesvaraya Technology University, Belagavi

BITM has many benchmarking activities to its credit. It has Awarded NBA and NAAC A+ Grade, received ISO 9001:2015 Certification from INTERTEK Moody International agency.

Advances in Technology and communications have brought the world closer than ever before. BITM Plays a vital role in producing world-class engineers turned to the demands of fast changing world that can now be aptly called the Global Village. The Technolological changes and constant need to stay ahead, Make BITM one of the Karnataka's Premier Engineering institutions.

#### **About Civil Engineering Department**

The department of Civil Engineering was started in the year 2014 with an annual intake of 120 students, with an NBA accreditation it has very good infrastructure and laboratories, which are equipped with the state-of-art equipments. Since inception, the Department is committed to produce competent Civil Engineers. Well-qualified, experienced, and dedicated faculty members in various disciplines extend adequate support and guidance to the students of different caliber to enhance their understanding & analytical abilities.

#### About FDP

This 05-days Faculty Development Program aims to develop and upgrade the Teaching Learning Potential of the faculty members on the recent techniques and experimental studies on Concrete Technology. The prime goal of the FDP is to enhance the knowledge about the latest development in the field of concrete technology. The FDP will provide a common platform for professionals, academicians, and researchers to share their knowledge and ideas for achieving sustainable development to cater for the rapid growth of infrastructure. It will help the participants to redefine their horizons in recent advancements in concrete technology. This FDP is organized for 5 days consisting of 11 sessions.

#### Objectives of FDP:

- To enhance the knowledge on recent advancements in concrete technology and sustainable infrastructure.
- To provide the knowledge about various development in the area of concrete and other sustainable materials.
- Provide a forum to keep themselves abreast of the emerging trends in construction materials.

#### WHO CAN ATTEND THE FDP

- Civil Engineering Faculty
- Research Scholars
- Industry Professionals
- Under Graduate and Post Graduate students

#### **COURSE OUTCOMES:**

- Understand the latest and advanced inputs about materials/composites.
- Make specific recommendation for future course of action to promote efficient, effective trends and technologies in manufacturing of concrete.

#### **PROGRAM OUTCOMES**

- Engineering knowledge
- Problem analysis
- Design development and solutions
- Modern tool usage
- Lifelong learning.

**Registration Form** 

Five days FDP On

"Advancements in Concrete
Technology (AICT-2022)"

19/12/2022 to 23/12/2022 (Virtual mode)

Name (In Block letters):
Designation:
Address:
Phone:
E-mail:

#### Declaration

If Selected I agree to abide by the rules and regulations of the Faculty Development Program Conducted by Department of Civil Engineering, BITM, Ballari.

# \*FREE REGISTRATION\* Registration Link:

https://forms.gle/6B6bxeuv1oic4NJq5





#### BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT



 $(A unit of T.E.H.R.D. \ Trust \circledast) (NBA* \& NAAC \ Accredited \ and \ an ISO \ 9001:2015 \ Certified \ Institution) \\ (Recognized \ by the \ Govt. \ of \ Karnataka, \ AICTE, \ New \ Delhi)$ 



#### **DEPT. OF CIVIL ENGINEERING (LIST OF PARTICIPANTS)**

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1.	Mahadevaswamy m	Ekalavya institution of technology	
2.	Chandrashekarayya G Hiremath	Visvesvaraya technology University Belagavi	
3.	Mahadevaswamy m EIT		
4.	RAJA ANWAR HUSSAIN	GOVERNMENT ENGINEERING COLLEGE RAICHUR	
5.	Neha Vivek A	BMS College of Engineering	
6.	Amoghavarsha	PES COLLEGE OF ENGINEERING MANDYA	
7.	AMOGHAVARSHA	PES COLLEGE OF ENGINEERING MANDYA	
8.	Maneeth P D	Visvesvaraya Technological University	
9.	Akhilesh Menashi	SDMCET Dharwad	
10.	Nisarga K N	VTU REGIONAL CENTRE MYSURU	
11.	NEERAJ	JNNCE	
12.	Babitha thimmaiah N	VISVESVARAYA Technological university	
13.	Keerthi Gowda B S	Centre for Postgraduate Studies VTU Mysuru	
14.	MANASA M	G Madegowda Institute of Technology	
15.	Sanjay S J	PESITM Shivamogg	
16.	MOHAN. H. M	Vtu college pg center mysore	
17.	Sanjay S J	Pesitm Shimoga	
18.	Abhishek R	VTU CPGS MYSURU	
19.	Roopa M	Sri siddhartha institute of technology	
20.	S. O. SUNITHA	MEI POLYTECHNIC	
21.	Usha S	Sri Siddhartha institute of technology	
22.	Ashik P	CPGS Mysore	
23.	Ramaswamy s t	NMAMIT nitte karkala	
24.	Sahana T S	Sri Siddhartha institute of technology	
25.	Shilpa Tofin	T John institute of technology	
26.	Prashanth Kumar K	NMAM Institute of Technology Nitte	
27.	GOUTAMA LAMBANI	Govt Engineering college, Huvina Hadagali	
28.	Mahesh Kumar C L	Nitte Meenakshi Institute of Technology, Bengaluru	
29.	Shwetha K G	Nitte Meenakshi Institute of Technology, Bengaluru	
30.	PUNEETH N K	DSCE Bangalore	
31.	Guruprasad T N	Sri Siddhartha Institute of Technology	
32.	Supriya C B	Sri Siddhartha Institute of technology	
33.	Vijaya Kumar Y M	AIT College of Engineering Chikmagalur	
34.	Vijay V	Malnad College of Engineering	
35.	SHIVAMANJUNATHASWAM Y H G	UVCE BANGALORE UNIVERSITY	
36.	Kavan M R	Adichunchanagiri Institute of Technology	
37.	Ravikiran L	Mitmysore	
38.	Ravikiran K C	BMS Institute of Technology and Management	
39.	MOUNESH R	Visvesvaraya Technological University PG Center Mysuru	
40.	Shreenivas Reddy Shahapur	VTU PG CENTRE KALABURAGI -585106	
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42.	Suraj Shet	Mangalore Institute of technology and Engineering	
43.	Niveditha K M	G.madegowda institute of technology	
44.	Satish Uplaonkar	Visvesvaraya Technological University PG Centre Kalaburagi	
45.	CHANDRAKANTH RAMA	GOVERNMENT ENGINEERING COLLEGE	
4 -	NAIK	HUVINAHADAGALI	
46.	Chaitra G D	BIET COLLEGE OF ENGINEERING	
47.	Santhosh K	Alva's Institute of Engineering and Technology	
48.	Arun Kumar H R	East West Institute of Technology	
49.	Shilpa BS	East West Institute of Technology	
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#### BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

51.	Prasad Pujar	JSS Science and Technology University Mysuru		
52.	Vijay Chandra Jakkoju	Sri Vasavi Engineering College		
53.	G.Sakila., M.Sc., M.Phil., B.Ed.,	Arcot Sri Mahalakshmi Women's College - Villapakkam		
54.	Kiran BM	Adichunchanagiri institute of Technology, Chikmagalur		
55.	Vishwas.G	JSS SCIENCE AND TECHNOLOGY UNIVERSITY		
56.	Kavya K M	JSS Stand Technology University		
57.	Vishwas.G	Jss science and technology university		
58.	Muhammad Dabo Muhammad	Rural Access and Agricultural Marketing Project Katsina		
59.	Hemalatha K	Sapthagiri college of engineering Bengaluru		
60.	KRISHNA	Guru Nanak Dev Engineering college, Bidar		
61.	VANISHREE	Guru Nanak Dev Engineering College, Bidar		
62.	CHANDRAPAL	Guru nanak dev engineering college bidar		
63.	Rahulkrishnan K	Institute of Engineering & Technology, University of Calicut		
64.	M.GURUSAMY	J.J.College of Engineering and Technology		
65.	Achyutha Anil	Annamacharya Institute of Technology and Sciences ,Tirupati		
66.	Tejaswini G	Government engineering y, Ramangar		
67.	SEETHALAKSHMI H K	Yenepoya institute of technology		
68.	Sadiq Shittu	Postgraduate School, Nigerian Defence Academy, Kaduna		
69.	Telkar Sai Krishna	Annamacharya Institute of Technology and Sciences Tirupati		
70.	R.NEELAVENI	THAMIRABHARANI ENGINEERING COLLEGE		
71.	Monika Yamme	Guru Nanak Dev Engineering College, Bidar		
72.	K Thulasirajan	Annamacharya Institute of Technology and Sciences, Tirupati		
73.	AMRIT RAJ	GOVERNMENT POLYTECHNIC VAISHALI		
74.	Pothana Sudheer Kumar	Balaji Institute of Technology and Science		
75.	Nikhil Bajpayee	SGS Infra		
76.	Manoj Kumar HR	JSS science and technology university, SJCE		
77.	Manish Srivastava	Guru Nanak Dev Engineering College Bidar		
78.	Prashanth N S	Govt. SKSJTI		
79.	YOGITHA H M	JSS POLYTECHNIC, MYSURU		
80.	AKSHAY KUMAR S	JSS POLYTECHNIC MYSURU		
81.	Achyutha Anil	Annamacharya Institute of Technology and Sciences Tirupati		
82.	D.Nirosha	Annamacharya institute of technology and sciences, tirupati		
83.	ALFA JAIN	VJTI, Mumbai		
84.	D.Nirosha	Annamacharya institute of technology and sciences, tirupati		
85.	Mahadeva M	RNS INSTITUTE OF TECHNOLOGY		
86.	Sanjith J	Adhichunchanagiri Institute of Technology		
87.	SHASHI KUMAR V N	Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY		
88.	A.Kalpana	Annamacharya institute of technology and science Tirupati		
89.	TEJAS RAJENDRA	FACULTY OF TECHNOLOGY AND ENGINEERING, THE		
	PADALKAR	MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA,		
		VADODARA. (GUJARAT).		
90.	RAJENDRA DATTATRAYA	HINDUSTAN INFRASTRUCTURE SOLUTIONS,		
	PADALKAR	AHMEDABAD		
91.	NIDHI	GURU NANAK DEV ENGINEERING COLLEGE BIDAR		
92.	Priyanka N M	Navkis College of Engineering Hassan		
93.	Janakaraj M	NMAM Institute of Technology, Nitte		
94.	A. K. M. THOHIDUL ALAM KHAN	Chittagong University of Engineering and Technology (CUET)		
95.	A. K. M. THOHIDUL ALAM KHAN	Chittagong University of Engineering and Technology (CUET)		
96.	A. K. M. THOHIDUL ALAM KHAN	Chittagong University of Engineering and Technology (CUET)		
97.	. 1			
98.	Jammala Surya Narayana Narayana Engineering College, Gudur			
99.	Ashokkumar P Sona college of Technology			

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100.	M.Logesh Kumar	Sona College of Technology		
101.	G.Akash Kumar	Guru Nanak Dev Engineering College		
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103.	Kaviya S	Sona college of technology		
104.	Sushmithaa P	Sona College Of Technology  Sona College Of Technology		
104.	Meenachi A			
106.	PRAKASH J	Sona college of technology Shridevi Institute of Engineering and Technology		
100.	SUPRIYA C B	Sri Siddhartha Institute of Engineering and Technology		
107.	S. Jagan	Sona College of Technology		
109.	K.RAMAMOORTHY	CK COLLEGE OF ENGINEERING AND TECHNOLOGY		
110.	T.SANTHOSH KUMAR	CK COLLEGE OF ENGINEERING AND TECHNOLOGY		
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112.	AMOOL	Govt S.K.S.J.T.I COLLEGE		
113.	SantoshKumar			
114.	VIPUL SOLANKI	Navodaya Institute of Technology Raichur  B.B.I.T,V.V.NAGAR		
116.	Saranya S Sumanth doodala	Sona college of Technology		
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118.	HARIPRASAD G	BITS - ADONI		
119.	A. PRIYA	Madha Engineering College		
120.	G Sumanth	Bheema Institute of Technology		
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130.	A Vishnu	Bheema Institute of Technology and Science Adoni		
131.	Vijaykumar	Navodaya Institute of Technology		
132.	Kiran Kumar Poloju	Middle East College		
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138.	DIGAMBAR BALASAHEB PATIL	Walchand College of Engineering Sangli		
139.	Tanu	Baba farid college of Engg & Technology Bathinda		
140.	G CHENNAKESAVA REDDY	KSRMCE		
141.	Santhosh kumar B	AP STATE GOVERNMENT		
142.	Santhosh kumar B	AP State Govt Department		
143.	Rajan Vinayak	Baba Farid College of Engineering and Technology, Bathinda		
144.	Manchikanti Srinivas	Gayatri Vidya Parishad College of Engineering(Autonomous)		
145.	T.SANTHOSH KUMAR	CK COLLEGE OF ENGINEERING AND TECHNOLOGY		
146.	Santhosh kumar B	Water Resources Department		
147.	Venkata Krishnaiah. R	Bharath Institute of Higher Education and Research		
148.	NAGARAJ N	Ballari Institute of Technology & Management		
149.	M.Soundararajan	Sona College of Technology		
150.	TIRIVEEDHI SAI KRISHNA	RAMACHANDRA COLLEGE OF ENGINEERING		
151.	K PRAKASH	Sona college of technology		
152.	N.L.N. KIRAN KUMAR	S V UNIVERSITY		
134.	TALESTA IXIIX II IXUIVIAIX	D + CIM + LIMIT I		

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153.	Basavalingappa	RYMEC		
154.	Sandeep Maan	Baba Farid College of Engineering and Technology, Bathinda		
155.	T.V.S.VARA LAKSHMI	Acharya Nagarjuna University		
156.	Tanu H.M.	Ballari Institute of Technology and Management, Ballari		
157.	sanket dharashivkar	DLHHCOP, Ulhasnagar		
158.	Tanu H.M.	Ballari institute of technology and Management,Ballari		
159.	KALAISELVI S	Sona College of technology		
160.	SHANMUGAM .R	MUTHAYAMMALENGINEERING COLLEGE		
161.	Richu George Varghese	Mangalam College of Engineering		
162.	BA Ranganathan	Raja Reddy institute of technology		
163.	K.Yuva Pallavi	SKU college of engineering and technology		
164.	Shashikant Buvasaheb Gosavi	Walchand Institute of Technology Solapur		
165.	Manjula K	BGSIT, Adichunchanagiri University		
166.	Santhosh kumar B	Water Resources Department		
167.	Dayalan J	Presidency University		
168.	Priyadarshini H P	R R institute of technology		
169.	LAXMI NARAYAN OJHA	Millennium Institute of Technology & Science, Bhopal		
170.	LAXMI NARAYAN OJHA	Millennium Institute of Technology & Science		
171.	Manish Sharma	Rajkiya Engineering College Mainpuri UP		
172.	Dr. Venkata Satyanarayana L	Mmrda Mumbai metro Rail projects		
173.	Veerabhadreshwar Patil	BKEC BASAVAKALYAN		
174.	Veeresh HM	RYMEC, Ballari		
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177.	Maheshwari Bisanal	KLECET CHIKODI		
178.	UMA SHANKAR YALIGAR	GURU NANAK DEV ENGINEERING COLLEGE BIDAR		
179.	Maruthi	J B Institute of Engineering and Technology Hyderabad		
180.	BASAVAPRABHU M S	Rao Bahadur Y Mahabaleshwarappa Engineering College		
181.	Ron V Roy	Christ University		
182.	Syed Ahmed Hashmi	Guru nanak dev engineering college bidar		
183.	Jagadish S Haranatti	KG Reddy college of engineering and technology		
184.	ADITYA SHANKAR GHOSH	DREAM INSTITUTE OF TECHNOLOGY		
185.	S.SRIRAM	ASSAM DOWN TOWN UNIVERSITY		
186.	Subhan Ahmad	Yonsei University		
187.	G Gautham Kishore Reddy	Vignan institute of technology and science		
188.	Nagaraj Koppa	Gharda Institute of technology Lavel		
189.		LORDS INSTITUTE OF ENGINEERING AND		
10).	GOLLAPELLI SRIKANTH	TECHNOLOGY		
190.		Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science		
170.	Sridhar Murugan	and Technology		
191.	Deepa V	KMCT CEW		
192.	Prakki Jaya Raghu Lakshmi			
	Pavani Susmitha	Mahindra University		
193.	Md Fozail Ahmad	UTAS, Ibra		
194.	Md. Afroz	Dream Institute of Technology		
195.	G. VANI	PVKK INSTITUTE OF TECHNOLOGY		
196.	Sarath Chandra K	Christ (Deemed to be University)		
197.		Swami Keshvanand Institute of Technology Management and		
	Rakesh Choudhary	Gramothan Jaipur		
198.	Abhishek jain	SKIT M&G JAIPUR		
199.	-	Department of Civil Engineering Ballari Institute of		
	Neha Malge	Technology and Management		
200.	NARASIMHAMURTHY KN	CHRIST(Deemed to be University)		
201.				
202.	Ramesha H H	VTU CPGS Muddenahalli		
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#### BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

203.	3. A. K. M. THOHIDUL ALAM KHAN Chittagong University of Engineering and Techno			
204.	Laxmi G CHRIST UNIVERSITY			
205.	G. MALLANA GOUD	Government polytechnic, Bellary		
206.	SHANMUGASUNDARAM M	VIT UNIVERSITY		
207.	Prathap D L	SBRR MAHAJANA FIRST GARDE COLLEGE MYSURU		
208.	Shreeshail Basappa Heggond	St. John college of Engineering and Management palggar		
209.	Swetapadma Panda	Institute of Technical Education and Research, S'O'A University		
210.	Pooja P S	SBRR Mahajana Frist Grade College		
211.	Ashok Meti	St John College of Engineering and Managemnt Palghar		
212.	Vijayalata Hiremath	BGMIT mudhol		
213.	SUDHIR M R	CHRIST UNIVERSITY		
214.	SYED MOHAMMAD	PVKKIT		
	MUDHASIR AHMAD ALI			
215.	SYED MOHAMMAD	PVKKIT		
21.5	MUDHASIR AHMAD ALI			
216.	V. Chandra Sekhar Reddy (M S	Research Scholar, JNTUA, AP, INDIA		
217	Civil)			
217.	Basavalingappa	RYMEC		
218.	Rudradeep das	Dream Institute of technology		
219.	T Naresh Kumar	Annamachaya Institute of Technology and		
220	WEGAM AL ACILA	Sciences(Autonomous)Rajampet		
220.	WESAM AL AGHA V.Giridhar	Delhi Technological University		
221.		KSRM College of Engineering -Kadapa		
222.	BASAVACHETANA	JAIN INSTITUTE OF TECHNOLOGY		
223.	GUDUGURMATH M. Ponni	Thiagarajar Polytechnic College		
224.	Basima Parveen TP	SSM POLYTECHNIC COLLEGE, TIRUR		
225.	S.M.Chandrakanth SJPNT's HIT, Nidasoshi			
226.	Maheshwari G. Bisanal	KLEs CET, Chikodi		
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234.	D.Harika	KG Reddy college of engineering and technology		
235.	Soumya Sucharita Singha	KG Reddy College of Engineering & Technology, Hyderabad		
236.	G Mounika Naidu	KG Reddy college of engineering and technology		
237.	Mahantesh	Kg Reddy college of Engineering And Technology		
238.	Sharanabasava Patil	Ballari Institute of Technology and Management, Ballari		
239.	THANGAMANI K	KG Reddy College of Engineering and Technology		
240.	SHASHI KUMAR V N	Dr. T. THIMMAIAH INSTITUTE OF TECHNOLOGY		
241.	M.Deepak	Velammal College of Engineering and Technology Madurai		
242.	Kotha Hima Bindu	KGRCET		
243.	J. Vinotha Jenifer	Velammal college of engineering and technology		
244.	RAVINDRA KUMAR SINGH	Maharishi University of Information Technology, Lucknow		
245.	Preeti Agarwal	Maharishi University of Information Technology Lucknow		
246.	Deepak Kumar Singh	Amity University Patna		
247.	Ashish Kumar	Delhi technological University		
248.	Roshan C L	SBRR Mahajana First Grade College		
249.	PRASENJIT BHOWMICK	Dream Institute of Technology		
250.	Suresh Chandra Sadangi Parala Maharaja Engineering College, Sitalapali			

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251.	VASANTHA D	SAMBHRAM INSTITUTE OF TECHNOLOGY,BANGALORE			
252.	Preeti Agarwal	Maharishi University of Information technology			
253.	KARETI SIVAKUMAR	NARAYANA ENGINEERING COLLEGE-GUDUR			
254.	Abhishek Kumar Gautam	Madan Mohan Malaviya University of Technology, Gorakhpur			
255.	Nayana N Murthy	SBRR Mahajana First Grade college			
256.		FACULTY OF TECHNOLOGY AND ENGINEERING, THE			
230.	TEJAS RAJENDRA	MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA,			
	PADALKAR	VADODARA. (GUJARAT).			
257.		KG REDDY COLLEGE OF ENGINEERING &			
237.	BABU NIMMAGADDA	TECHNOLOGY			
258.	Konichetti vinay	Vellore institute of technology			
259.	GARAPATI VENKATA SAI	KG REDDY COLLEGE OF ENGINEERING AND			
237.	PRASAD	TECHNOLOGY			
260.	K. Hima Bindu	KGRCET			
261.	M RATHNA CHARY	K G Reddy College of Engineering & Technology			
262.	M RATHNA CHARY	K G Reddy College of Engineering & Technology  K G Reddy College of Engineering & Technology			
263.	NAGESH SUGANDHI	Navodaya Institute Of Technology			
264.	amit kumbi	RAIL VIKAS NIGAM LIMITED HUBLI			
265.	Roopeshkumar B	Jsspolytechnic			
266.	M Sri Priya	Aits Tirupati			
267.	Sumavalli Kalahasty	Annamacharya Institute of Technology and Sciences			
268.	Bukke Baby	AITS			
269.	K. Varshasri				
270.		Annamacharya Institute of Technology and Science AITS tirupati			
	Bukke Baby	*			
271.	K.Harshasri	Annamacharya institute of technology & science			
272. 273.	Deekshith Jain	CHRIST University MVPS KBTCOE Nashik			
	Ajay Pandurangji Shelorkar Vishwas.G	Jss Science and technology University			
274. 275.	M.Sravanthi	JNTUA			
276.	M Shyam Sundar	JNTUA University Anantapur			
277.	Deepika K C	IQSC cell			
278.	A. Anil Kumar	AITS,Rajampet			
279.		Annamachaya Institute of Technology and Sciences			
219.	T Naresh Kumar	(Autonomous)Rajampet			
280.		ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND			
200.	DR. D. SREENIVASULU	SCIENCES, RAJAMPET			
281.	Shruthi C G	AIT, CHIKMAGALUR			
282.	Deepa B N	Adichunchanagiri Institute Of Technology			
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284.	Katta Gowtham Kumar	Sri vasavi engineering college			
285.	Archana Archana	PES college of Engineering, Mandya			
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352.	Sivakumar Arunachalam	Sivas Engineers and Valuers		
353.	Supriya V Kademani	SIET Vijayapura		
354.	Vijay Kothari	Bhagwan Mahavir University		
355.	Gaurav Gupta	Skit jaipur		
356.	Dayakar P	Bharath Institute of Higher Education and Research		
357.	GANGADHAR HUGAR	Proudhadevaraya Institute of Technolgy ,Hosapete.		
358.	Gowram Iswarya	Christ (Deemed to be University)		
359.	Mahesh Chandra K V	Bangalore Institute of Technology		
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361.	Hamshitha D	Sicit		
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365.	GURUPRASHANTH N	JAIN INSTITUTE OF TECHNOLOGY		
366.	NUNNA LAKSHMI			
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367.	T.Rukmangadha	S v University		
368.	ALFA JAIN	VJTI, Mumbai		
369.	Damaraju lakshmi lavanya	Vignana Bharathi Institute of Technology		
370.	Guruprasad T N	Sri Siddhartha Institute of Technology		
371.	AMRIT RAJ	GOVERNMENT POLYTECHNIC VAISHALI		
372.	A.Arjunan	E.G.S. pillay engineering college Nagapattinam		
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391.	SWAPNA S A	Mangalore institute of technology & Engineering		
392.	H M LAKSHMI	Vtu regional centre mysore		
393.	Asharani B D	VTU regional center Mysore		
394.	H M LAKSHMI	Vtu regional centre		
395.	ASHIK BELLARY	KLS Vishwanathrao Deshpande Institute of Technology		
		(VDIT), Haliyal		
396.	Rajanna T	B.M.S. College of Engineering		
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398.	Akash Johari	Swami Keshvanand Institute of Technology, Management &		
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399.	9. Badasara nengnong Bharat institute of higher eduction and research		
400.	Nandini Moondra	Swami Keshvanand Institute of Technology Management and	
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401.	Chethan Chandru	Bangalore Institute Of Technology	
402.	Dinesh Kumar K G	Navodaya Institute Of Technology, Raichur	
403.	ROHIT SAHU	Bansal Group of Institutes Bhopal	
404.	Mandeep kaur	Baba farid college of engineering & technology Bathinda	
405.	Vishwa B T	NIT, Raichur	
406.	Mahesh	RYMEC, Ballari	
407.	Ramya.L	Vtu pg centre	
408.	Archana D P	Bangalore Institute of Technology	
409.	Kavana. S	Bangalore institute of technology	
410.	Archana D P	Bangalore Institute of Technology	
411.	Rashmi R	Bangalore Institute of Technology	
412.	Archana D P	BIT	
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414.	Pagia Cunta	SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY	
	Pooja Gupta	M & amp; G, JAIPUR	
415.	SHAIK ASHRAF ALI	ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND	
		SCIENCES, RAJAMPET	
416.	Krishne Gowda P H	BIT	
417.	Manoj Bhila Patil	MVPS KBT COLLEGE OF ENGINEERING NASHIK	
418.	Apoorva V	BMSCE	
419.	Mahadevaswamy m	Ekalavya institution of technology	
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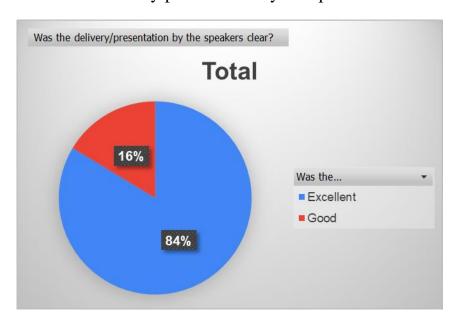
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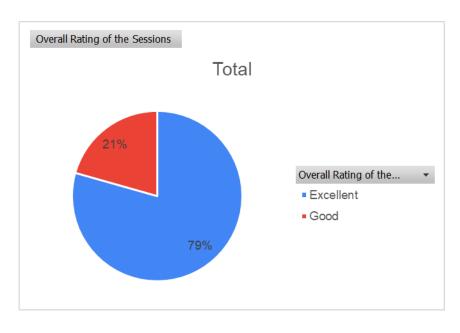
Five-Day FDP on

#### **Advancements in Concrete Technology (AICT-2022)**

#### Feedback Analysis

Was the delivery/presentation by the speakers clear?





#### BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT



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INNOVATION

AUTONOMOUS INSTITUTE UNDER VTU, BELAGAVI

#### **DEPARTMENT OF CIVIL ENGINEERING**

in Association with

IQAC Cell, BITM, Ballari



This is to certify that {{FULL NAME}}



has participated in the Online Five Days Faculty Development Program on 
"Advancements in Concrete Technology (AICT 2022)"

held from 19th to 23rd December 2022.

#### Coordinators: -

Dr. D. Manikanta, Asso. Professor

Mr. Md Khalid S, Asst. Professor Mr. Shiva Kumar K, Asst. Professor

Mr. Ravichandra A.H. Asst. Professor

Mr. Tanu H.M., Asst. Professor

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Dr. T.H. Patel HOD – Dept. of Civil Engg. Dames F

Dr. Yadavalli Basavaraj Principal







#### BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

(A unit of T.E.H.R.D. Trust ®) (NBA\* &NAAC Accredited and an ISO 9001:2015 Certified Institution) (Recognized by the Govt. of Karnataka, AICTE, New Delhi)



#### Department of Civil Engineering

Name of the Activity : Faculty Development Program

Topic : Advancements in Concrete Technology (AICT-2022)

Date : 19/12/2022 to 23/12/2022 (5 days)

No. of Participants attended : 422

**Mode of Presentation**: Virtual mode

#### **Organizing Committee**

Department of Civil Engineering

#### **Brief Report on the Activity**

This 05-days Faculty Development Program aims to develop and upgrade the Teaching Learning Potential of the faculty members on the recent techniques and experimental studies on Concrete Technology. The prime goal of the FDP is to enhance the knowledge about the latest development in the field of concrete technology. The FDP will provide a common platform for professionals, academicians, and researchers to share their knowledge and ideas for achieving sustainable development to cater for the rapid growth of infrastructure. It will help the participants to redefine their horizons in recent advancements in concrete technology. This FDP is organized for 5 days consisting of 11 sessions.

#### **Objectives of FDP**

- 1) To enhance the knowledge on recent advancements in concrete technology and sustainable infrastructure.
- 2) To provide the knowledge about various development in the area of concrete and other sustainable materials.
- 3) Provide a forum to keep themselves abreast of the emerging trends in construction materials.

#### **Topics Covered**

- 1) Advances in concrete technology
- 2) Prediction of compressive strength of Corn cob ash Concrete at different ages by using an Artificial Neural Network.
- 3) Concrete 3D printing in construction industry
- 4) Advanced FEA modelling of fibre-reinforced concrete.
- 5) Gravity inspired beam forms
- 6) Case Study on analytical study of SCC with micro steel fibre and modelling using abacus.
- 7) Recycled aggregate concrete-sustainable and functional composite construction material.
- 8) Geopolymer concrete: A Sustainable construction material.
- 9) High performance and High-density Concrete- A case study
- 10) Applications of artificial neural network
- 11) Green Concrete: A sustainable construction material

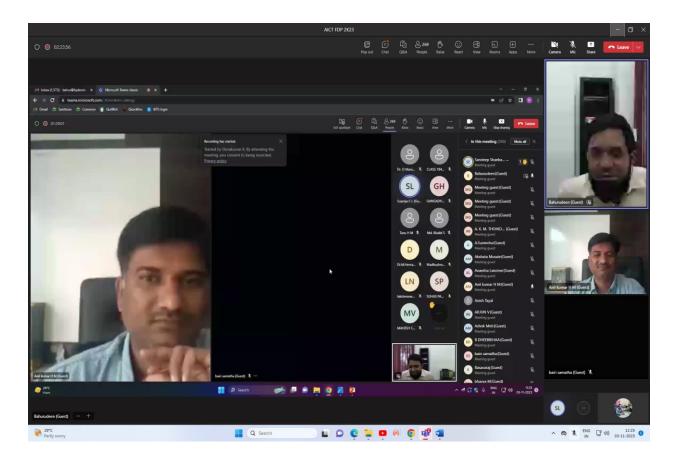
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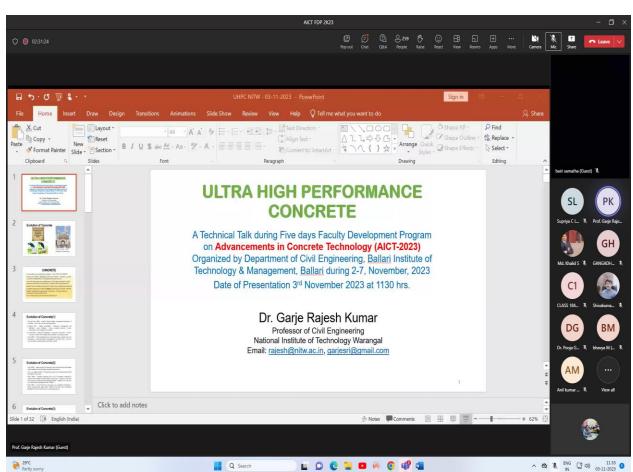
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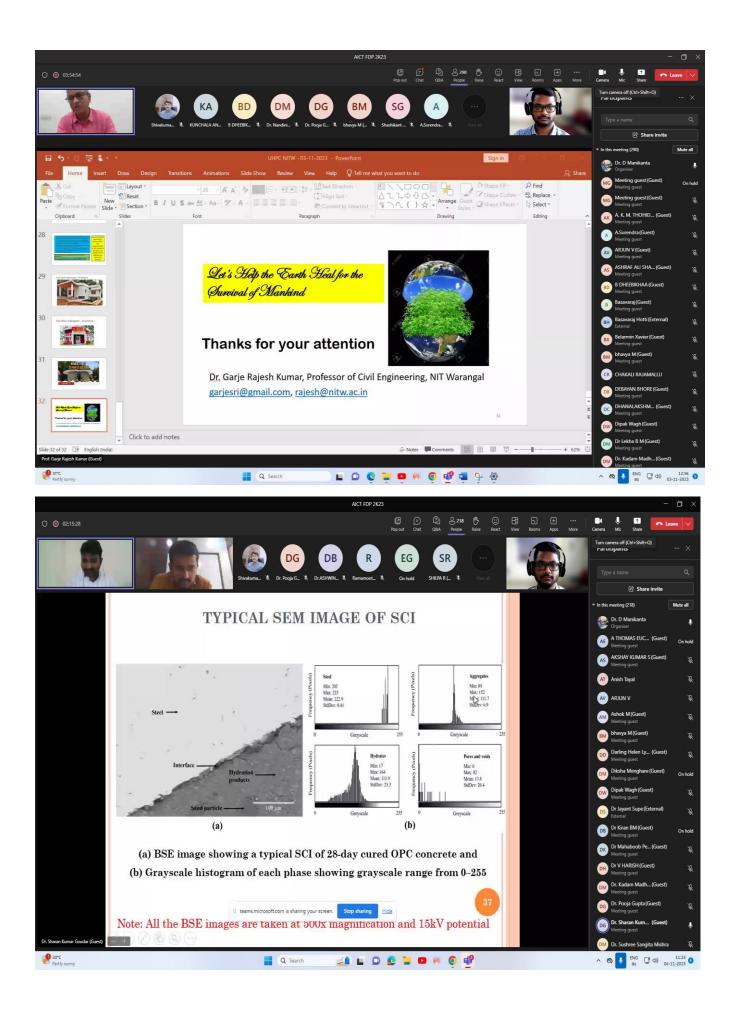
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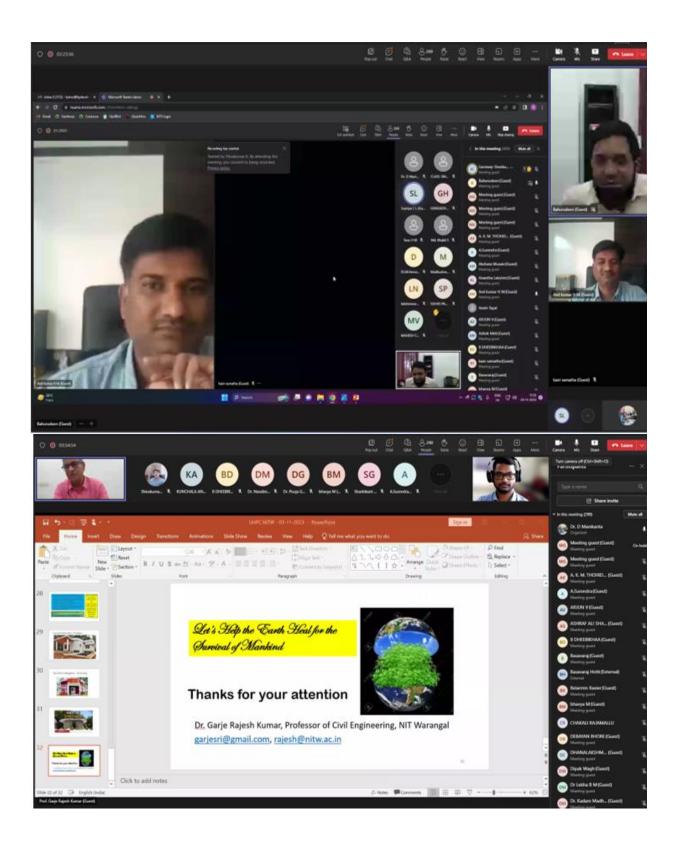
#### Department of Mechanical Engineering

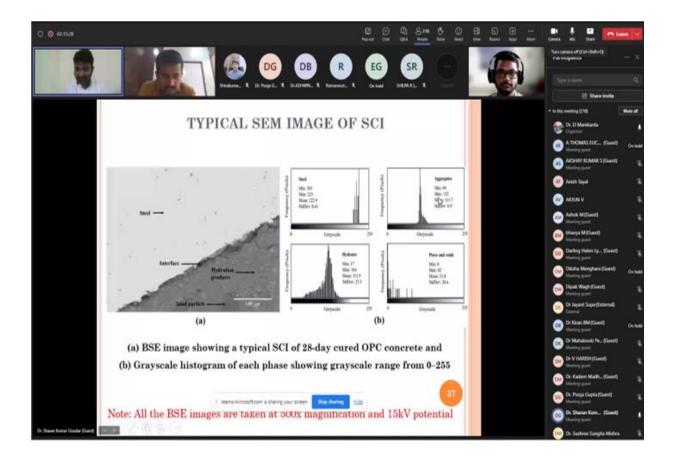
FDP SCHEDULE				
		INAUGURATION: 19/12/2023 AT 9:45 TO 10:15 AM		
S. No	Date	Topic		
1	19/12/2023	<ul> <li>Advances in concrete technology</li> <li>Prediction of compressive strength of Corn cob ash Concrete at different ages by using an Artificial Neural Network.</li> </ul>		
2	19/12/2023	<ul> <li>Concrete 3D printing in construction industry</li> <li>Advanced FEA modelling of fibre-reinforced concrete.</li> </ul>		
3	19/12/2023	<ul> <li>Gravity inspired beam forms</li> <li>Case Study on analytical study of SCC with micro steel fibre and modelling using abacus.</li> </ul>		
4	19/12/2023	<ul> <li>Recycled aggregate concrete-sustainable and functional composite construction material.</li> <li>Geopolymer concrete: A Sustainable construction material.</li> </ul>		
5	19/12/2023	<ul> <li>High performance and High-density Concrete- A case study</li> <li>Applications of artificial neural network</li> <li>Green Concrete: A sustainable construction material</li> </ul>		











# BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT, BALLARI

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#### **PATRONS**

- Dr. Yashvanth Bhupal Chairman & Director, BITM
   Mr. Y J Prithiviraj Bhupal Deputy Director, BITM
- 3. Dr. Yadavalli Basavaraj Principal, BITM

#### **CONVENORS**

- 1. Dr. R. N. Kulkarni Prof. & HOD, Dept. of CSE, BITM
- 2. Dr. B. M. Vidyavathi Prof. & HOD, Dept. of AIML, BITM

#### **CO-CONVENORS**

- Dr. Girish Kumar D
   Assoc. Prof. Dept. of AIML, BITM
- 2. Mr. Sreenivasa M
  Asst. Prof. Dept. of CSE,
  BITM.

# Department of CSE & AIML Organizing a 5-day FDP

On

# Industrial Advancement in Artificial Intelligence & Machine Learning



From: 22-Sep-2022 To: 26-Sep-2022

@ CSE LAB-4

**Ground Floor, Millennium Block.** 

Resource Person: Mr. Sunil Sarode

**Data Specialist**,

H&M group, Stockholm, Sweden.

Day	Morning Session		Afternoon Session			
	(09:30 AM to 12:30PM)		(01:30 PM to 04:30PM)			
Day-1	Stats and scope of AI and Machine Learning	_	Stats and scope of AI and Machine Learning			
Day2	Real-Time case study on how data is used to build ML models	<u> </u>	Real-Time case study on how data is used to build ML models			
Day-3	Working on sample ML datasets and tools	Z	Working on sample ML datasets and tools			
Day-4	Practical Sessions	$\supset$	Practical Sessions			
Day-5	Practical Sessions		Practical Sessions			

For Registration and further details, contact: Mr. Srisailanath

Asst. Prof. Dept. of CSE, BITM (M: 9886064926)

Participants: All faculties of CSE & AIML DEPT

#### **Ballari Institute of Technology & Management**





#### Department of CSE and AIML Expendeture towards 5 day FDP





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# BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT, Ballari ಬಿಆ್ಟಾಲಿ ಇನ್ಸ್ಅಟ್ಸೂಟ್ ಅಫ್ ಟೆಕ್ನಾಲಜ & ಮ್ಯಾನೇಜ್**ಮೆಂಟ್, ಬ**ಆ್ಟಾಲಿ

**E** 

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(Recognized by Govt. of Karnetaka, Approved by AICTE, New Delhi)







This is to certify that

HARI KRISHNA. K

of CSE/AIML Department has

participated in a 5-Day Faculty Development Program on "Industrial Advancement in Artificial

association with Institution's Innovation Council, BITM, Ballari from 22-09-2022 to 26-09-2022. Intelligence & Machine Learning", Organized by Department of CSE & Department of AIML in

Box.

Dr. B. M. Vidyavathi HOD, AIML

Dr. R. N. Kulkarni

Dr. Y. Basavaraj
Principal

Mr. Y. J. Prithviraj Bhupal
Deputy Director



#### **Ballari Institute of Technology and Management**



#### **Department of CSE & AIML**



#### Five-Day FDP on

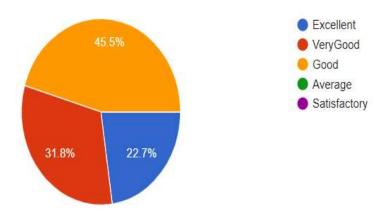


## Industrial Advancement in Artificial Intelligence & Machine Learning

#### Feedback Analysis

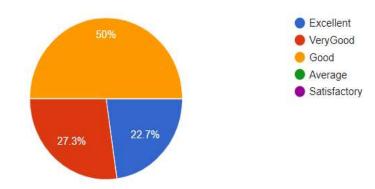
Presentation Skills of Resource Person

22 responses



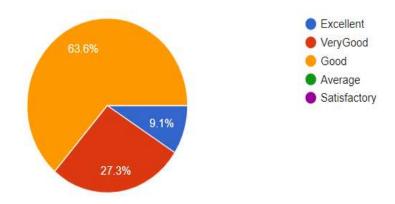
#### Knowledge level of the Resource Person

22 responses



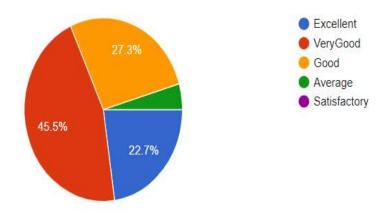
#### How would you rate the Session/s?

22 responses



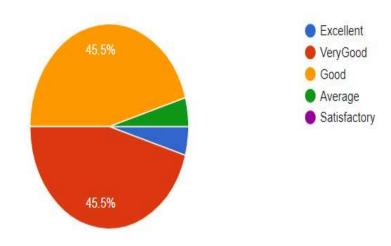
#### Organization of the FDP

22 responses



#### Significance of FDP

22 responses



# FDP on "Industrial Advancement in Artificial Intelligence & Machine Learning"

Artificial Intelligence has grown to be very popular in today's world. It is the simulation of natural intelligence in machines that are programmed to learn and mimic the actions of humans. Machine learning (ML) is a classical sub-discipline within Artificial Intelligence (AI). This discipline is increasingly used by many professions and industries to optimize processes and implement adaptive systems. Since AI is an efficient data processing system at its core, there's a lot of potential for optimization everywhere. Since it has become a master with its applications, we will understand that how it is advancing dramatically in various fields in this programme.

#### The objectives of this FDP:

- (a) to introduce the foundations and state-of-the-art techniques of AI/ML.
- (b) applications of AI/ML in various domains and impact of AI/ML in future technologies.
- (c) to bring in the practical insights into the current development of the field.

#### **Outcomes**

Understand complex ideas and relate them to specific situations, the ability to evaluate available learning methods and select those appropriate to solve a given task Demonstrate awareness and a fundamental understanding of various applications of AIML techniques in health care, Security /privacy, IoT Edge Computing, Smart Buildings & Smart Solutions.

Use different machine learning techniques to design AI machines and enveloping applications for real-world problems.

Demonstrate an ability to share in discussions of artificial intelligence and machine learning, its current scope and limitations, and societal implications.

















#### About FDP

This FDP provides a forum for the research and academic community members to give awareness of analog and digital VLSI circuit design, Si CMOS devices, and beyond CMOS devices. An in-depth theoretical and hands-on session enriched by experts from Industry.

#### Topics to be covered

- ☐ Analog Layout and Physical Verification
- Design Verification
- Physical Design
- ☐ Synthesis / STA
- □ DFT
- ☐ Timing constraints / STA

Sessions are handled EVERY SATURDAY Starting From 17-9-22 Till 10-12-22.

Timing: 10 AM - 1 PM

#### **Chief Patrons**

#### Dr. Yashavanth Bhupal

Chairman & Director Ballari Institute of Technology and Management, Ballari

#### Mr. Y.J Prithviraj Bhupal

Deputy Director Ballari Institute of Technology and Management, Ballari

#### Convenor & Coordinator

Dr. K M Sadyojatha
Prof & HoD ECE,
Ballari Institute of Technology and
Management, Ballari

#### **Resource Persons**

K Mohammed Maaz, , Semionics Analog Layout and Physical Verification

**Praveen**, Sankalp Semiconductors Physical Design

**Pradeep C R**, Ausdia Timing constraints / STA

Hanumanth, Intel DFT

**Shashibhushan,** Renesas, UK Synthesis / STA

Shravan Kumar, , Freelancer Design Verification















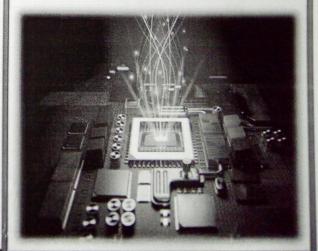
### Ballari Institute of Technology and Management

Autonomous Institute under VTU, Belagavi

Two Week Faculty Development Program on

"VLSI Design Flow- An Industrial Perspective"

ORGANIZED BY
Department of Electronics and Communication
Engineering



Timestamp	Email Address	Name of the Faculty	Mobile Number	What are the key takeaways from the FDP sessions	Were the session covered was balance between academic and industry	Were the session speaker clarified your doubts or answered your question properly	Were the examples or illustrations used in the sessions were effective	How do you rate the sessions overall	Do you have any feedback for specific session out of 14 sessions	How these sessions will impact the way you will be teaching to students	If the similar program is arranged in future do you suggest any changes in the template or pattern	Any other feedback or suggestions
12/26/2022 10:46:48	abdul.lh@bitm.edu.in	Dr. Abdul Lateef Haroon P S	9738973034	Analog Layout Design and Design Verification	Yes	Sessions were really interactive. All the queries were answered beautifully	It was really effective	10	No feedback. Sessions were planned meticulously	Students will learn the content which is really important for the current world problems		No feedback, I appreciate speakers for their valuable time and thank department of ECE for the beautiful FDP
12/26/2022 11:03:18	sri.kanti87@gmail.com	Srikantha K M	7259648494	Analog layout design, schematic design	Yes	All the queries were answered	Efective session	9	Sessions were planned accordingly	Students will learn effectively for vlsi design	No changes	I thank department of ECE for FDP
12/26/2022 11:07:39	ulgan.81@gmail.com	Ulaganathan J	9740872875	Analog flow, physical and design verification, synthesis	Yes	Yes	Yes, real examples were discussed	9	No	Real examples can be taught	No	Overall sessions were good
12/26/2022 11:27:26	nilamchheda@bitm.edu.in	Nilam Chheda	09449226670	Front end tool explanation, hands on sessions based on layout, timing details, synthesis session	Yes	Yes	Yes	10	Need hands on tools which are available in college in cadence package	It connects academic syllabus to the industry needs, which helps us to relate academic topics to real life	Hands on sessions and offline sessions preferred	If possible, short industry experience to faculties which will provide practical aspect to teaching
12/26/2022 13:23:28	sumalathan27@gmail.com	Sumalatha N	09620325496	Theoretical knowledge on verious aspects to be considered during IC design process	Need to work on practicals	Yes	Yes	8	No	Yes .we got depth knowledge	we need more practical sessions	
12/26/2022 13:37:33	mnayana49@gmail.com	Nayana M	08050787026	Standard cell, timing, DFT, Synthesis, PD	Yes	Yes	Yes	8	No		Need more hands on	I am requesting for one more hands on session which covers ASIC design flow
12/26/2022 14:48:12	nazeer.ece@gmail.com	NASEERUDDIN	9964061951	The Touch of Industry Expertise	Yes	Yes	Yes	8	Tool generated Report analysis for relevent sessions could have been better	Sessions will help bridge the industry gaps in academics	Offline and more hands on without sparsely distributing the schedule	Overall, the FDP was good
12/26/2022 15:14:36	simantini.roychowdhury@ gmail.com	Simantini Roy Chowdhury	7829661052	It give us good insights about the Software	Yes	Yes	Yes	8	No	It will be helpful	If the hands on sessions were conducted slowly it would have been better	No

Timestamp	Email Address	Name of the Faculty	Mobile Number	What are the key takeaways from the FDP sessions	Were the session covered was balance between academic and industry	Were the session speaker clarified your doubts or answered your question properly	Were the examples or illustrations used in the sessions were effective	How do you rate the sessions overall	Do you have any feedback for specific session out of 14 sessions	How these sessions will impact the way you will be teaching to students	If the similar program is arranged in future do you suggest any changes in the template or pattern	Any other feedback or suggestions
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12/26/2022 11:03:18	sri.kanti87@gmail.com	Srikantha K M	7259648494	Analog layout design, schematic design	Yes	All the queries were answered	Efective session	9	Sessions were planned accordingly	Students will learn effectively for vlsi design	No changes	I thank department of ECE for FDP
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12/26/2022 11:27:26	nilamchheda@bitm.edu.in	Nilam Chheda	09449226670	synthesis  Front end tool explanation, hands on sessions based on layout, timing details, synthesis session	Yes	Yes	Yes	10	Need hands on tools which are available in college in cadence package	It connects academic syllabus to the industry needs, which helps us to relate academic topics to real life	Hands on sessions and offline sessions preferred	If possible, short industry experience to faculties which will provide practical aspect to teaching
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12/26/2022 13:37:33	mnayana49@gmail.com	Nayana M	08050787026	design process  Standard cell, timing, DFT, Synthesis, PD	Yes	Yes	Yes	8	No		Need more hands on	I am requesting for one more hands on session which covers ASIC design flow
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12/26/2022 15:14:36	simantini.roychowdhury@	Simantini Roy Chowdhury	7829661052	It give us good insights about the Software	Yes	Yes	Yes	8	No	It will be helpful	If the hands on sessions were conducted slowly it would have been better	No

# CERTIFICATE OF COMPLETION

# **Faculty Development Program**

This is to Certify that

Mr. Ulaganathan J

of "Ballari Institute of Technology and Management" has completed the Faculty Development Program on Various aspects of "VLSI Digital/Analog/Mixed signal Flow" with a practical approach as per the Latest Industry trends, Conducted from 17<sup>th</sup> September to 23<sup>rd</sup> December 2022.







## **Report on VLSI Design Flow Training Program**

#### **Executive Summary:**

The VLSI Design Flow Training Program is a comprehensive initiative aimed at equipping individuals with the skills and knowledge required for designing complex integrated circuits. The program encompasses various stages of the VLSI design process, providing participants with hands-on experience and theoretical insights. This report outlines the key components, objectives, and potential benefits of the training program.

#### Introduction:

The semiconductor industry has witnessed significant advancements in integrated circuit (IC) technology, emphasizing the need for professionals well-versed in VLSI design. The VLSI Design Flow Training Program addresses this demand by offering a structured curriculum covering the entire design process, from concept to fabrication.

#### **Objectives of the Program:**

- 1. **Analog layout and physical verification:** Develop a thorough understanding of the VLSI design flow, including specifications, architecture, and design methodologies.
- 2. **Physical Design:** Provide practical experience through the use of industry-standard design tools, enabling participants to apply theoretical knowledge to real-world scenarios.
- 3. **Synthesys/STA:** Enhance participants' ability to analyse and solve complex design challenges, fostering creativity and critical thinking.
- 4. **Timing constraints and Static Timing Analysis (STA):** Timing constraints and Static Timing Analysis (STA)play a crucial role in the design and verification of digital integrated circuits. These elements are fundamental to ensuring that the circuits operate within specified performance parameters. This report provides an overview of timing constraints, their significance, and the role of Static Timing Analysis in verifying and meeting these constraints.

#### **Program Components:**

- 1. **Pre-training Assessment:** Evaluate participants' existing knowledge and skill levels to tailor the program to their needs.
- 2. **Theoretical Sessions:** Cover fundamental concepts in VLSI design, including semiconductor physics, digital logic design, and ASIC design principles.
- 3. **Hands-on Workshops:** Utilize industry-standard design tools for practical exercises, enabling participants to design

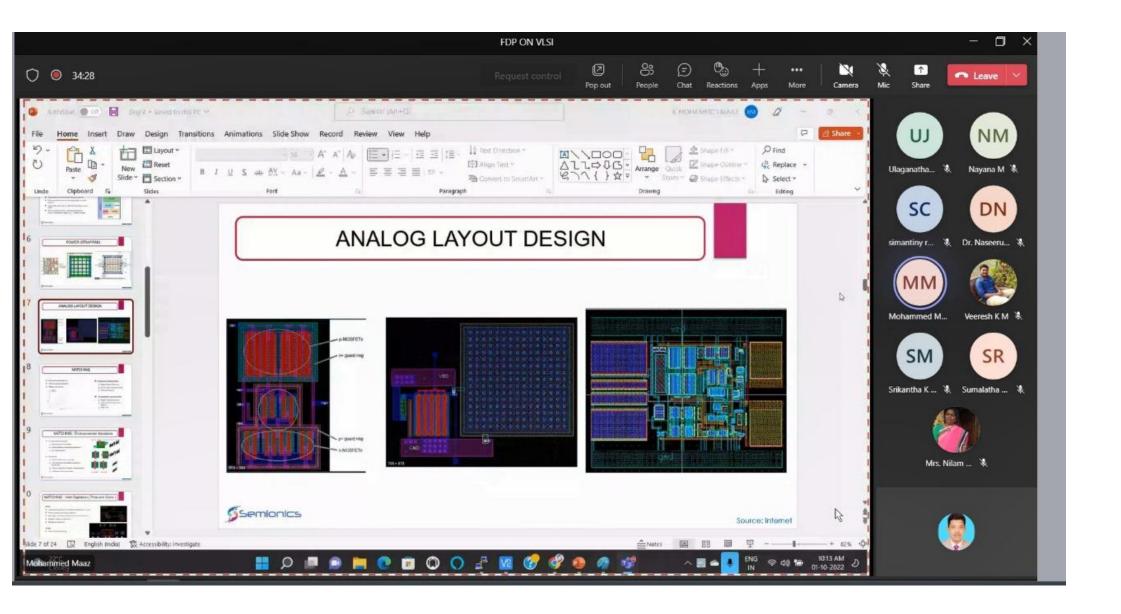


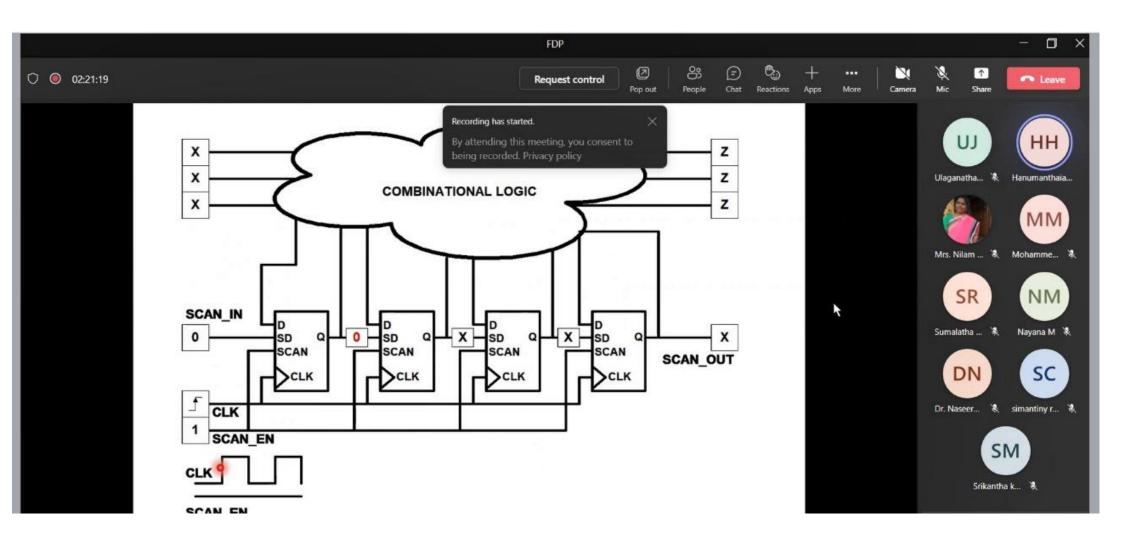
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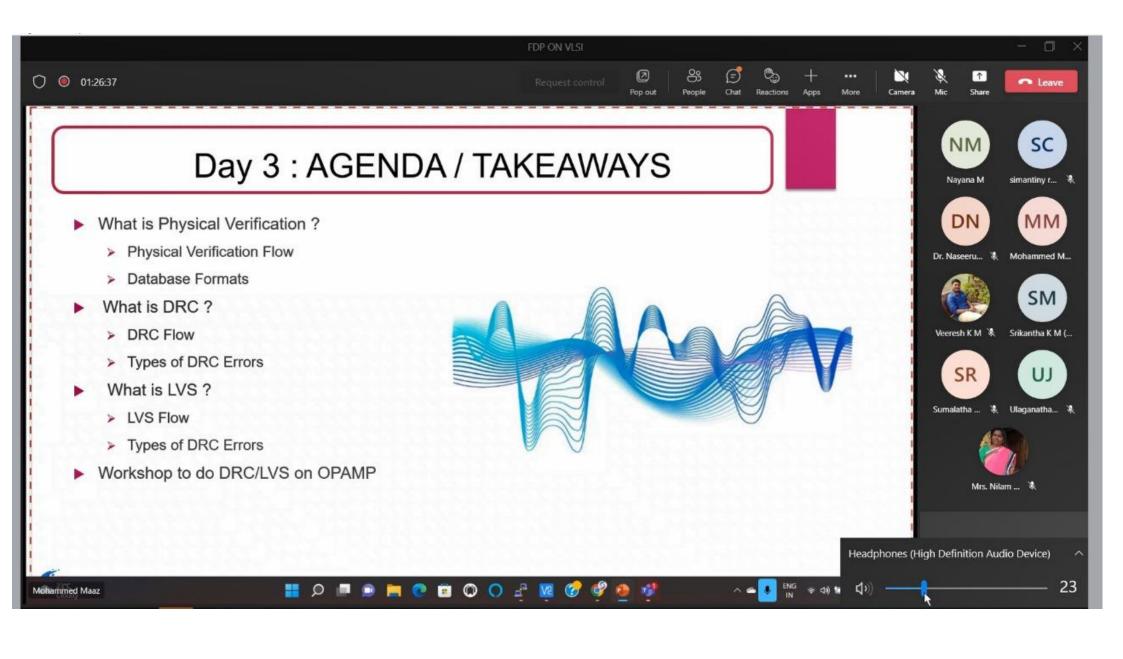
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# Ballari institute of Technology & Management



Department of Management Studies
In Association with Institutions Innovation
Council-BITM & Maverick Club - DMS
Presents Online Faculty Development Program
On

"AWARENESS ON IPR & IT'S SIGNIFICANCE FOR ACADEMICIANS"

MONDAY 05 DEC 2022 11:00 AM

Joining Link
https://tinyurl.com/58zbxfxb
E-Certificate Will be provided

Dr.Shaheeda Banu S Professor-DMS-BITM

Dr.Janet Jyothi D'Souza HOD-DMS-BITM

INSTITUTION'S

(Ministry of Education Initiative)

INNOVATION

COUNCIL

Dr.Yadavalli Basavaraj Principal-BITM



# **Resoure Person**



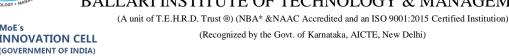
P Jyothish Kumar
Examiner
Patents & Designs
Govt. of India

### Facebook Link:

**Online Platform:Webex** 

Link:https://tinyurl.com/58zbxfx







# **Objectives of the Session:**

- 1. To foster the culture of Innovation and Patent, copy rights awareness among faculties
- 2. To create awareness for various IPR filing methods among academicians.

# **RESOURCE PERSON PROFILE**



# P Jyothish Kumar

- Jyothish Kumar, completed Masters in Biotechnology from Osmania University.
- Working as Patent Examiner (Group A Gazetted officer) in Indian Patent Office from 6 years.
- Examined more than 1000 patent applications.
- ISA examiner examined more than 300 International search Authority applications (filed under PCT).
- NIPAM officer conducts Intellectual property awareness programs to colleges and research institutes.





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26	BHAGYALAKSHMI.G	H.K.E.SOCIETY'S S.L.N.COLLEGE OF ENGINEERING
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29	MOHAMMED HASEEBULLA M	BITM
30	KUNTANAHAL RAJASHEKHARA	BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT
31	HARI KRISHNA H	BITM, BALLARI
32	SHIVARAJ M	BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT
33	SHILPA PATIL	H.K. E. SOCIETY'S S. L. N. COLLEGE OF ENGINEERING
34	SOWBHAGYAB	BITM



## Basavarajeswari Group of Institutions

# BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT



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37	SUJATHA. J	HKE SOCIETY 'S S. L. N COLLEGE OF ENGINEERING RAICHUR
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	MR IRAYYA	
40	SHIKKERIMATH	BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT
41	DR H M ANIL KUMAR	BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT
42	MD KHALID S	BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT
43	ЈУОТІ В К	H. K. E. SOCIETY'S S. L. N COLLEGE OF ENGINEERING
44	SUMA C CHETTI	HKE SOCIETY'S SLN COLLEGE OF ENGINEERING
45	ANIL KUMAR H M	BITM
		BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT,
46	DR D MANIKANTA	BALLARI
	RAVICHANDRA	
47	HONNALLI	BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT
48	MAHARAJA GOWDA B	BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT







Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
Office of the Controller General of Patents, Designs and Trade Marks

# **CERTIFICATE**

This is to certify that, MS. KAVITA ACHCHALLI, FACULTY of BALLARI INSTITUTE OF

TECHNOLOGY AND MANAGEMENT has successfully participated in IP Awareness/Training

program under

NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION

on December 05,2022 Amrit Manotsav

Organized by Intellectual Property Office, India

Date:December 06,2022



(Prof. (Dr) Unnat P. Pandit) CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

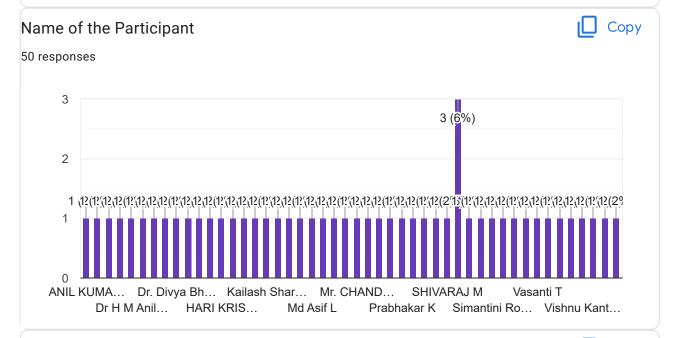


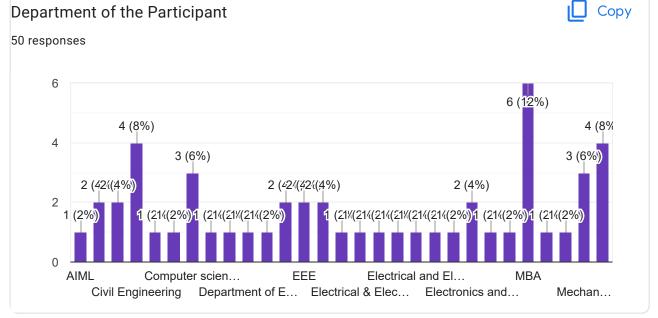


# FDP on Awareness on IPR and its Significance for Acdemicians held on 05 Dec 2022

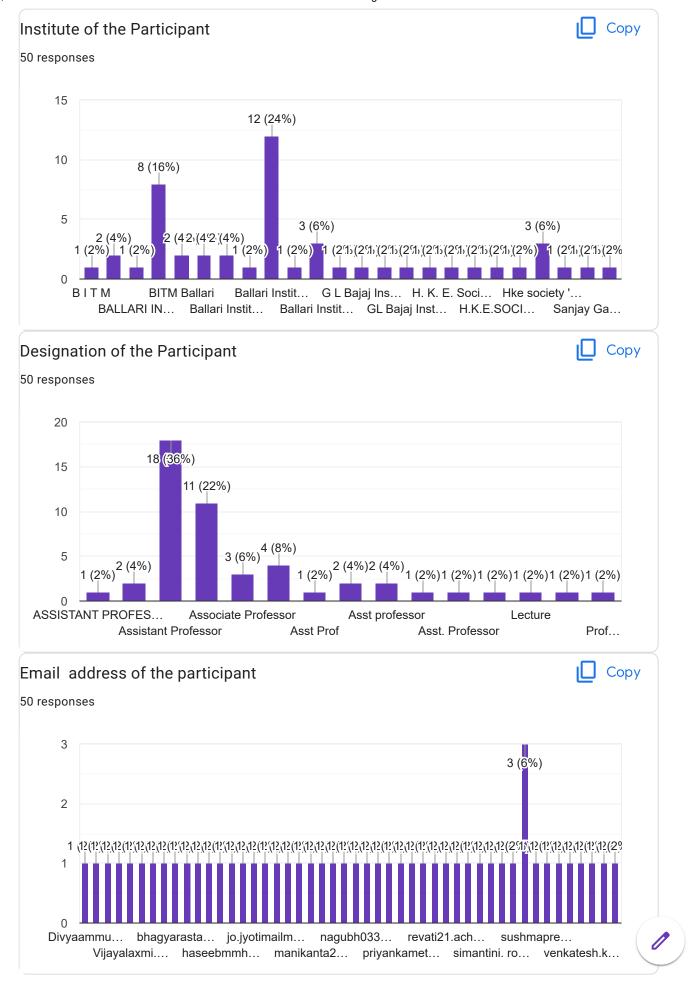
50 responses

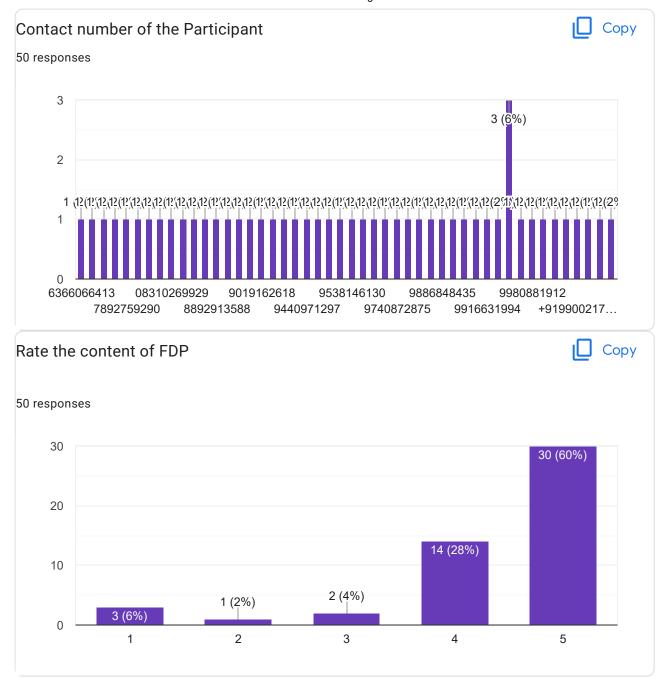
#### Publish analytics



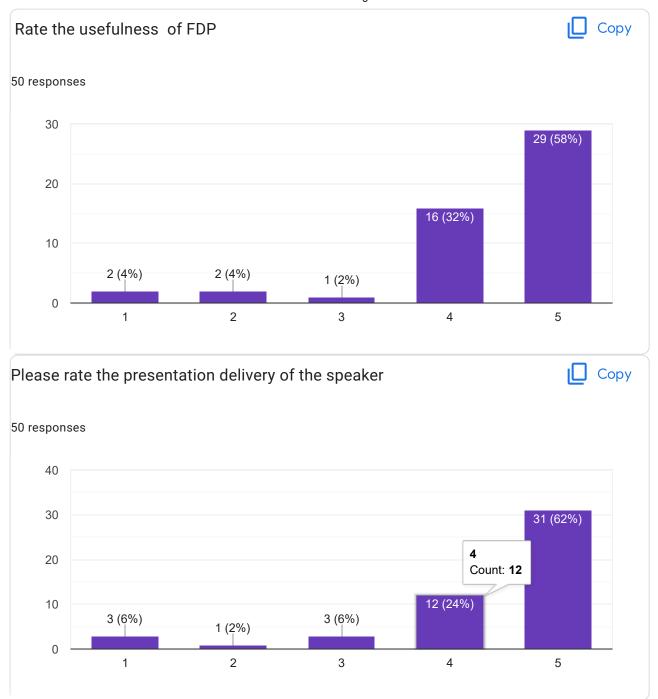




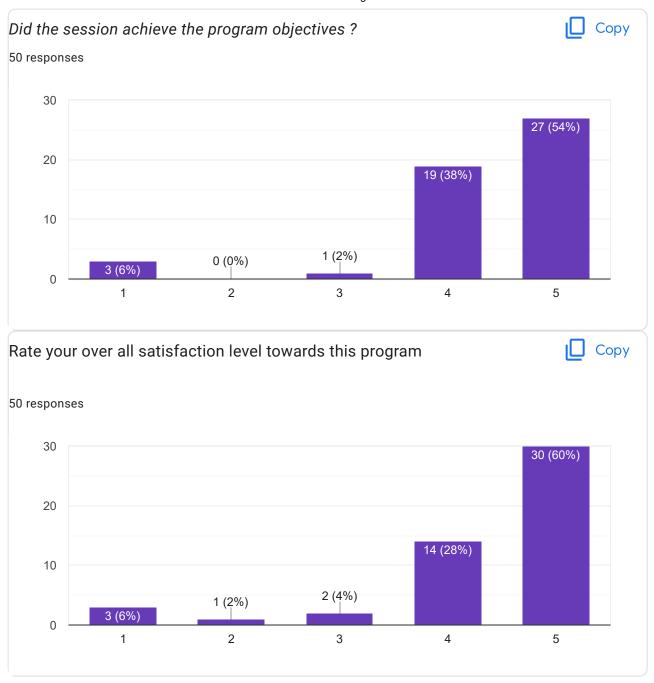












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# Google Forms





INNOVATION CELL

(GOVERNMENT OF INDIA)

Basavarajeswari Group of Institutions

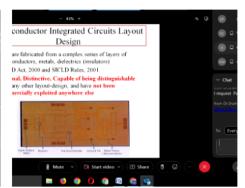
## BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT



# **Geotagged Pictures**



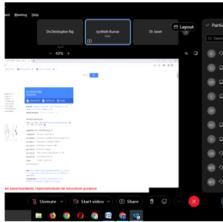


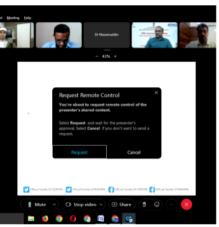


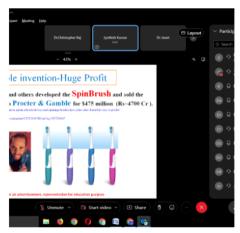
INSTITUTION'S

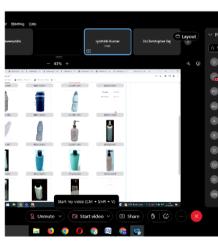
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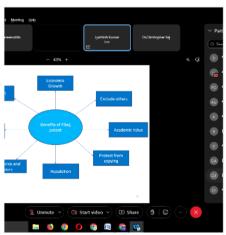
COUNCIL

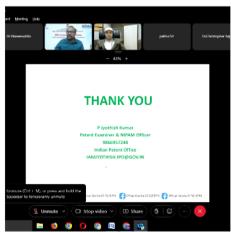
















 $(A\ unit\ of\ T.E.H.R.D.\ Trust\ \$)\ (NBA*\ \&NAAC\ Accredited\ and\ an\ ISO\ 9001:2015\ Certified\ Institution)$   $(Recognized\ by\ the\ Govt.\ of\ Karnataka,\ AICTE,\ New\ Delhi)$ 



#### REPORT ON FACULTY DEVELOPMENT PROGRAM

NAME OF THE ACTIVITY: Faculty Development Program

**TOPIC:** Awareness on IPR and Significance for Academicians

**DATE:** 5<sup>TH</sup> DEC 2022

**NO. OF PARTICIPANTS: 48** 

**MODE OF PRESENTATION: Onine** 

#### Facebook Link:

https://m.facebook.com/story.php?story\_fbid=pfbid0tFsUy7QTtrk8v1XsBrRGSNtW4ssEP6vyBgmgM8xJPtvKQcJRSGEmS7kYnM11zxYHI&id=100083072001036&mibextid=Nif5oz

#### **ORGANIZING COMMMITTEE:**

Dr. Shaheeda Banu S

# About the FDP

Ballari Institute of Technology and Management, as per the regulations of Ministry of Innovation Cell (MIC) to foster the culture of IPR, innovation and start-up ecosystem in campus under the association of Institutions Innovation Council -BITM, Department of Management Studies has organized an online FDP on "Awareness on IPR and its Significance for Academicians"

# **Objectives of the Session:**

- 1. To foster the culture of Innovation and Patent, copy rights awareness among faculties
- 2. To create awareness for various IPR filing methods among academicians.

# **Outcomes of the Session:**





(A unit of T.E.H.R.D. Trust ®) (NBA\* &NAAC Accredited and an ISO 9001:2015 Certified Institution) (Recognized by the Govt. of Karnataka, AICTE, New Delhi)



- 1. They will start analyzing there own abilities and expertise in creating patents and copyrights.
- 2. Faculties will know the procedure to apply their innovations and patents .

# **RESOURCE PERSON PROFILE**



# P Jyothish Kumar

- Jyothish Kumar, completed Masters in Biotechnology from Osmania University.
- Working as Patent Examiner (Group A Gazetted officer) in Indian Patent Office from 6 years.
- Examined more than 1000 patent applications.
- ISA examiner examined more than 300 International search Authority applications (filed under PCT).
- NIPAM officer conducts Intellectual property awareness programs to colleges and research institutes.

Basavarajeswari Group of Institutions

# BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

Autonomous Institute under VTU, Belagavi









Department of Management Studies In Association with

**IQAC - BITM** 

Faculty Development Program On

"Case Writing Teaching & Publishing"

On 25th February 2023



# -: Organized by: -

DEPARTMENT OF MANAGEMENT STUDIES **Ballari Institute of Technology & Management** "Jnana Gangotri" Campus, #873/2, Ballari-Hosapete Road,

> Near Allipura, Ballari - 583104 www.bitm.edu.in

# **ABOUT THE RESOURCE PERSONS**



Prof.Mukund R. Dixit was a faculty at IIMA from 9th April 1981 to 30th Nov. 2016. He held a PhD from IIT Kanpur.Prof.Dixit had worked in the Corporate Planning division of HMT, a large diversified company in India. He

was the Editor of Vikalpa, IIMA's Journal for Decision Makers.He was an EEC visiting professor in the Euro-India Cooperation Programme at ESSEC, Paris, and Rotterdam School of Management, Erasmus University, Netherlands. He has also taught in Multi Media University, Malaysia.

Prof. Dixit is an independent management researcher and facilitator. His teaching, research and consulting interests are Case Method of Learning, Strategies in Longevity of organisations, Innovation and Knowledge Management. He has written cases and published papers in the field of strategic management.

He has been a member of the Board of Governors of Private and Public Sector Undertakings in India. He has designed and offered executive education programmes on 'Taking charge and leading strategy', 'Innovation and Growth', 'Competitive Strategy and Dynamics' and 'Building Strategic Thinking Competencies' for senior and top management executives in India and abroad. He has conducted several programmes on case method of teaching and research for faculty members in various Indian and International educational institutions.

Prof. Ramakant V Kulkarni comes with a nice blend of industry and academic experience of 42 years in which the industry and academic portion of experience is 21 years. After 18 years of industry experience in the manufacturing

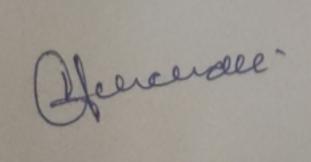
company namely The Mysore Kirloskar Ltd at Hubli, Karnataka State starting in February 1982 to December 1999 and brief 6 months of stint at a small scale industry Purogen Company, the manufacturers of Air Filters. He shifted to the full time academics from July, 2000 and continues to be in academics since then.

Over a period of close to 21 years in academics he has served three educational institutions. They have been BLDE Association, Bijapur MBA Program as faculty of management from 2000 to 2007, then as faculty of management and the founder Director of Global Business School, Hubli from 2007 to 2015 and from 2016 till date as the Director Academics and faculty of management at Chetan Business School Hubli. All three institutions offer post graduate degree in management (MBA), are located in Karnataka State.

As an industry person he had the opportunity to acquaint himself with the Finance and Accounts area. He handled payables, receivables, working capital, bank matters, export and import matters, insurance matters beginning with the entry level position of management trainee and going up to Senior Manager Level.

# THE LIST OF PARTICPANTS

SL.NO	Name of the Participant
1	Ms. Shailaja D
2	Ms BalkishBanu.K
3	Prof. Kumara P B
4	Dr. R Vara Prasad
5	Mrs. Asha Latha G
6	Ms. Guru Shanthamma G N
7	Mr. YATHISHKUMAR
8	Mr. MANJUNATHA SWAMY K M
9	Mrs. Prasanna Lakshmi C
10	Ms Anitha Raj M
11	Mrs. RamyaJanardhan
12	Ms Mamatha k
13	Manohar Babu G
14	Mrs. Reena R
15	Mr. MAHESHKUMAR .C.A.
16	Mr. Maruthi
17	Smt Chaitra V
18	Mr. SUGURAIAH SALIMATH
19	Mr. CholendraBhupal G
20	Mr. T Kushwanth Kumar
21	Mr. VINYKUMAR V.P
22	Dr.Vijayakumar
23	Mr. PampapthiAmarapur
24	Dr. D Subhashini
.5	Ms Shweta Avadhani
6	Mrs. VidyaHulkund
7	Dr. G. Prakash
8	Mr. Venkataraju s
9	Ms Rashmi R
0	Mr. ABISHEK D M
1	Mr. Gideon G
2	Ms Nandini V E
3	Mr. Diwakar (shailajamaam)
1	Mr. AshraAllalli
5	Mr. Vinay kumar



Basavarajeswari Group of Institutions

# BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT

BITM

"Jnana Gangothri" Campus, No.873/2, Bellary-Hospet Road, Allipur, BALLARI-583 104, KARNATAKA, INDIA.

An Autonomous Institute under Visvesvaraya Technological University, Belagavi (Karnataka)

# **Department of Management Studies**

**An IQAC Initiative** 

Presents
FACULTY DEVELOPMENT PROGRAMME

NATIONAL BOARD OF ACCREDITATION

CERTIFICATE OF PARTICIPATION

This is to certify that	
of.	has

participated in One Day Faculty Development Programme on "Case Writing,

Teaching & Publishing" held on 25th February 2023.

Manet

Resource Person

Prof. Mukund Dixit

Former Professor IIM- A Independent Researcher and Facilitator Resource Person

Prof. Ramakant Kulkarni,

Director - Chetan Business School Hubli (Karnataka).



Dr. Janet Jyothi D'Souza,

DMS-BITM, Ballari

Principal Principal

Dr. Yadavalli Basavaraj,

BITM, Ballari

# BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT, BALLARI DEPARTMENT OF MANAGEMENT STUIES

# FEEDBACK FDP ON CASE TEACHING, WRITING AND PUBLISHING

Prof.Mukund Dixit, Former faculty of IIM-A and Prof.Ramakant Kulkarni – Director or Academics, Chetan Business School, Hubli were the Resource Persons.

Participants appreciated the concept chosen for the FDP. Further they expressed that CPP – Case Probability Point, Proposal and procedure, Kanpur Case and discussion were most interested part of the FDP. Expressed that over all the content of FDP was useful.

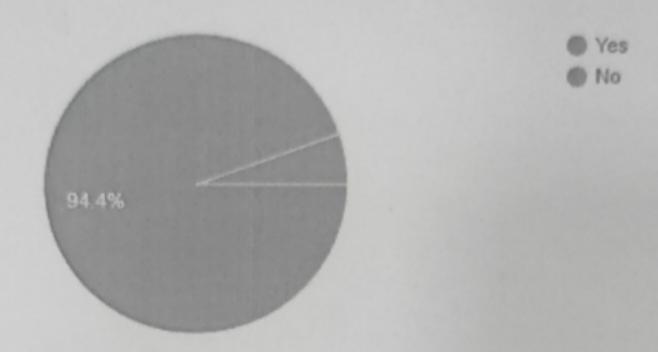
70% of the participants opined that the information covered in the FDP was new to them and they gained new knowledge.

Which topics or aspects of the workshop did you find most interesting or useful?

85 % of the participants rated 'high satisfaction' towards the FDP.

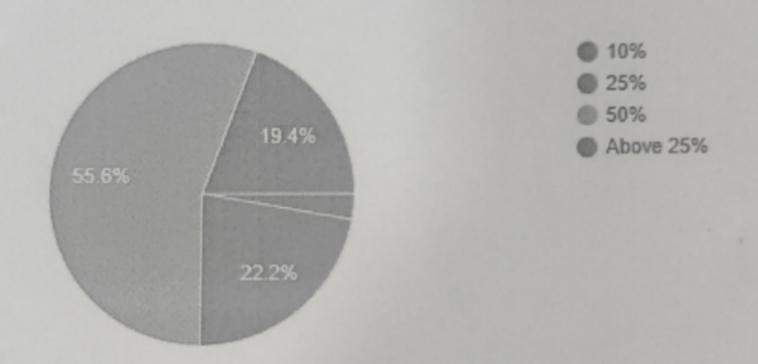
36 responses	
Useful	
Kanpur case and disscussion	
All	
Accept the proposal or not	
Yes	
Case study point	
Publishing	
Case probability	
Case Writing Proposal and Procedure	

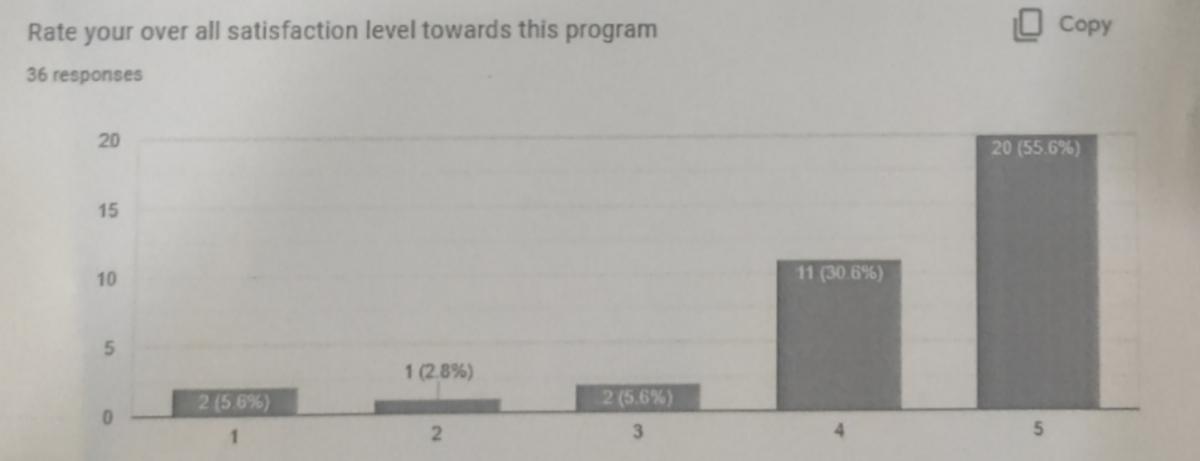
The time allotted to you for the training was sufficient 36 responses



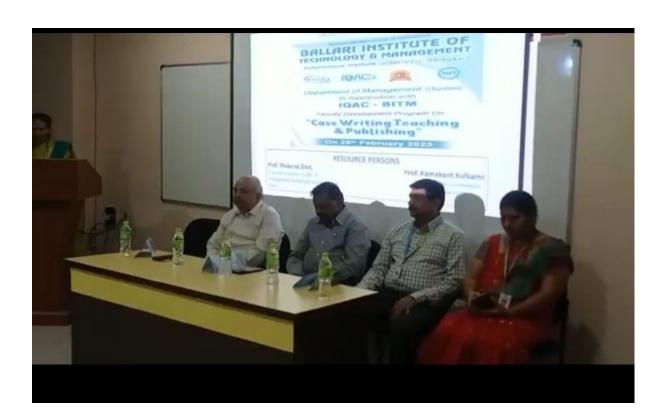
What percentage of the information was new to you?

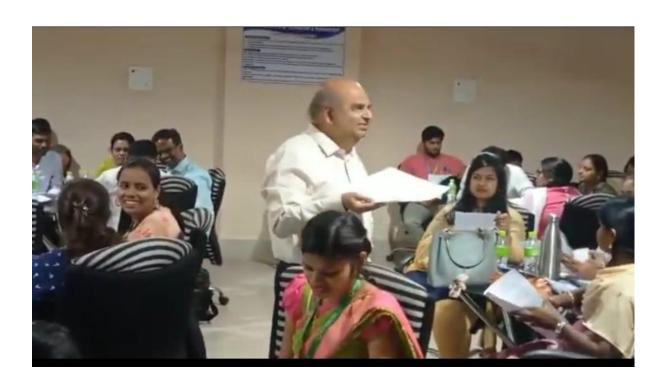
36 responses





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# Basavarajeswari Group of Institutions BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

Autonomous Institute under Visvesvaraya Technological University, Belagavi "Jnana Gangotri" Campus, #873/2, Ballari-Hosapete Road, Near Allipura, Ballari-583 104 (Karnataka)

#### REPORT ON FACULTY DEVELOPMENT PROGRAM

NAME OF THE ACTIVITY: Faculty Development Program

**TOPIC:** Case Writing Teaching and Publishing

**DATE:** 25<sup>TH</sup> FEB 2023

**NO. OF PARTICIPANTS: 35** 

**MODE OF PRESENTATION:** Offline

#### **ORGANIZING COMMMITTEE:**

Dr. Janet Jyothi D'Souza Prof. Kavita Achchalli Prof. K Dinesh Prof. Ravi Kumar J S

#### About the FDP

The Department of Management Studies, BITM is organizing One Day Faculty Development Program (FDP) on 'Case Wrong Teaching and Publishing" as teaching cases has become an integral part of management education today Analysis and discussion of a case as a method of teaching and learning has a history of over a century. It is a form of participative learning process modifying the Knowledge, Attitudes, Skills and Habits of the participants. Both the teacher and the students benefit from It. A case presents a real life decision making situation faced by the Protagonist. The first case was on a shoe company. Since then cases have been written and taught on various managerial situations by B-School faculty.

The outcomes of this approach are: Participative Teaching Learning through cases, participants will be able to develop cases suitable for various courses of management studies and a renewed joy in teaching and learning process.

The FOP provides opportunities for hands on learning of concepts and techniques of key stages case writing and aims to: bring out the strengths of case method in teaching, motivate the participants to adopt 'case teaching' as an additional pedagogical tool in delivery of their future courses, equip participants to teach cases more effectively and also train them in the craft of case writing

#### **PROGRAM OBJECTIVES**

The participants through this FDP be able to:

- Write their own cases by understanding the intricacies of case writing
- Develop an appreciation of case method in teaching of Management and Social Sciences,
- Learn to develop and plan for case based courses;
- Become aware of background preparation required to become successful case 'writers and teachers;
- Assess & evaluate students' trough cases

# Basavarajeswari Group of Institutions BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

Autonomous Institute under Visvesvaraya Technological University, Belagavi "Jnana Gangotri" Campus, #873/2, Ballari-Hosapete Road, Near Allipura, Ballari-583 104 (Karnataka)

## **Schedule of the Program**

Inaugural Ceremony	9.30 am to 10.00 am
Session 1	10.00am to 11.30 am
by Prof. Mukud R Dixit	
Tea Break for 10	minutes
Session 1 continues	11.40 am to 12.45 pm
by Prof. Ramakant V Kulkarni	-
Lunch break 12.45 pi	n to 1.45 pm
Session 2	1.45 pm to 3.15 pm
by Prof. Prof. Mukud R Dixit	
Tea Break for 10	minutes
Session 2 continues	3.25 pm to 4.15 pm
Prof. Ramakant V Kulkarni	-
Valedictory	4.15 pm to 4.30 pm









# BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT, BALLARI An Autonomous Institute under VTU, Belgavi

Department of Management Studies

In Association with

IQAC - BITM &

Maverick Marketing Lab - DMS

Presents

**Faculty Development Program** 

On

"Enhancing Productivity through Effective Stress Management"

30th Nov 2022



Venue @
Tom Peter's Seminar
Hall
PG & Admin Block
BITM

## **About BITM**

BITM established under the aegis of T.E.H.R.D. Trust, Ballari in the year 1997, Is an Autonomous Institute under Visveswaraya Technological University, Belagavi. An ISO 9001:2015 certified and

N B A & N A A C A+ Accredited. BITM plays a vital role in crafting world class Engineers and Management professionals tuned to the requirement of fast changing technology and management world. It is for this reason BITM has been Karnataka's one of the premier engineering institutions. With its forte being accomplished, highly proficient and experienced faculty, with a sound knowledge of the subject, along with an innate desire to be in tune with the times and latest developments in emerging fields, has been BITM'S, alias Ballari Institute of Technology and Management's greatest strength. The Institute's USP is its unfathomable student-teacher rapport and a unique process of Out Come Based Education. Preparing students for meeting futuristic challenges of tomorrow are monitored very closely by the faculty, with a personal touch. To take the big leap in the Industry BITM has collaborations with various industries by setting up Centre of Excellence (CoE), Incubation Centre & Technology Learning Centre, resulting in strong Industry Institute Partnership. Career Guidance, imparting Business Communication skills and personality development programs are routine in the campus.

#### About BITM-DMS

Department of Management Studies (DMS) was established in the year 2007, DMS-BITM is the 5th College in Karnataka accredited with NBA. DMS aims to develop individuals to all required management talents to shoulder challenging responsibilities in the emerging corporate scenarios in the country. The broad goal is to provide students with the foundations in content and competencies that will support their development as effective managers in a variety of organizational settings. The ideology of DMS is to develop facets of management through education, training, counseling research and publications. DMS conducts industry-oriented applied research in all functional areas of management such as Marketing Management, Finance Management, Human Resource Management, Retailing, Supply Chain & Logistics, Business and Data Analytics, HR Analytics, Digital Finance and Digital Marketing. DMS BITM is ISO 9001:2015 certified, CRISIL B-school 'KA B\*\*\*' graded, we have been ranked 41st in beyond IIM's B-school survey conducted by Higher Education Review and 53rd Rank in Top Private MBA Institution by OUT LOOK 2022 SOUTH ZONE MBA RANKINGS.

## About the FDP

In our day to day life, when we feel anxiety or threatened or depressed our nervous system responds by releasing a flood of stress hormones, including adrenaline and cortisol, which revive the body for emergency action. Our heart pounds faster, muscles tighten, blood pressure rises, breath quickens, and your senses become sharper. Prolonged, uncontrollable distress can negatively affect our immunological, neurological, physiological, and psychological responses. The stress management techniques are designed to help us in reviving chronic low-grade stress situations, high-pressure, heart disease, digestive problems, sleep, mental worry, negative thinking, loss of confidence and depression etc. The participants will learn to assess the stress and its root causes at their personal level. They also will be equipped with practical tips and techniques for reducing & relieving their stress level using different innovative ways to maximize their productivity.

# Objective and Outcomes of the Program

#### Objectives

On Successful completion of the program participants should be able to

- To make participants how stress works and help them to develop sustainable behavior to over come stress.
- To help participants develop a balanced lifestyle to combat stress in the long term.

#### Outcomes

- Increased awareness regarding the importance of daily management of stress.
- Take away new technique and tips to deal with any stressful situation in the future.

# Resource Person Profile

Mr.Sreemanth Desai Master Trainer - HelathifyMe



Mr Desai currently working as a MASTER TRAINER at India's and South East Asia's largest weight - loss and fitness application, HealthifyMe. He has worked in different fields post on his completion of MBA. He has worked as a banker, as a faculty, as a fitness trainer as well. He also runs his freelance business where he offers workshops on Happiness, Law of Attraction, Relationship Coaching and Healing modalities under his brand name "UNLEASH THE GENIE IN YOU". Coming to his other qualifications, he is a Certified Fitness Trainer, Certified Nutritionist, Certified Happiness Coach and NLP(Neuro-Linguistic Programming) Trainer as well.

# **Chief Patron**

Dr. Yashvanth Bhupal
Director BITM



Prof.Prithviraj.Y.J
Deputy Director BITM

Dr. Yadavalli Basavaraj
Principal BITM

FDP Convener
Dr. Janet Jyothi Dsouza
HOD, DMS BITM

FDP Coordinator
Prof. Ravikumar J S

DMS BITM
ravikumar.js@bitm.edu.in



# SN NO

	Name of the Participant	Department of the Participant	Institute of the Participant
1	SHIVARAJ M	DMS	Ballari Institute of Technology and Management
2	T VASANTI	M.B.A	B.I.T.M
	Pavan Kumar S S	MBA	BITM
-	Kavita Achchali	DMS	BITM
4	ravia / iorioriai	D.III C	211111
5	Sushma premkalal	Management studies	ВІТМ
	Dr. Christopher Raj		Ballari Institute of Technology and
6	D	MBA	management
7	Dr.Shaheeda Banu S	MBA	BITM
	Dr Janet Jyothi		
8	Dsouza	MBA	BITM
9	Essamuddin	MBA	BITM,Ballari
10	Md Asif L	MBA	BITM
11	RAVIKUMAR J S	DMS	BITM
	DINESH K	DMS	BITM
	DR.DIVYA		
13	BHARATHI	MBA	BITM
14	DR.B ANUPAMA	MBA	BITM



# NSTITUTE OF TECHNOLOGY AND MANAGEMENT, BALLARI

AN AUTONOMOUS INSTITUTE UNDER VTU, BELAVAGI.





# **DEPARTMENT OF MANAGEMENT STUDIES**

In association with IQAC BITM and Maverick Marketing Lab

CERTIFICATE OF PARTICIPATION IS PRESENTED TO:

# Dr.Janet Jyothi Dsouza HOD DMS

For his/her participation in FDP on

**Enhancing Productivity through Effective Stress** Management

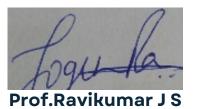
held on 30th Nov 2022



Dr. Yadavalli BasavaRaj **Principal BITM** 



**Dr. Janet Jyothi Dsouza HOD DMS BITM** 



**Event Cordinator** 

Prof.Prithvi Raj Y J **Deputy Director BITM** 

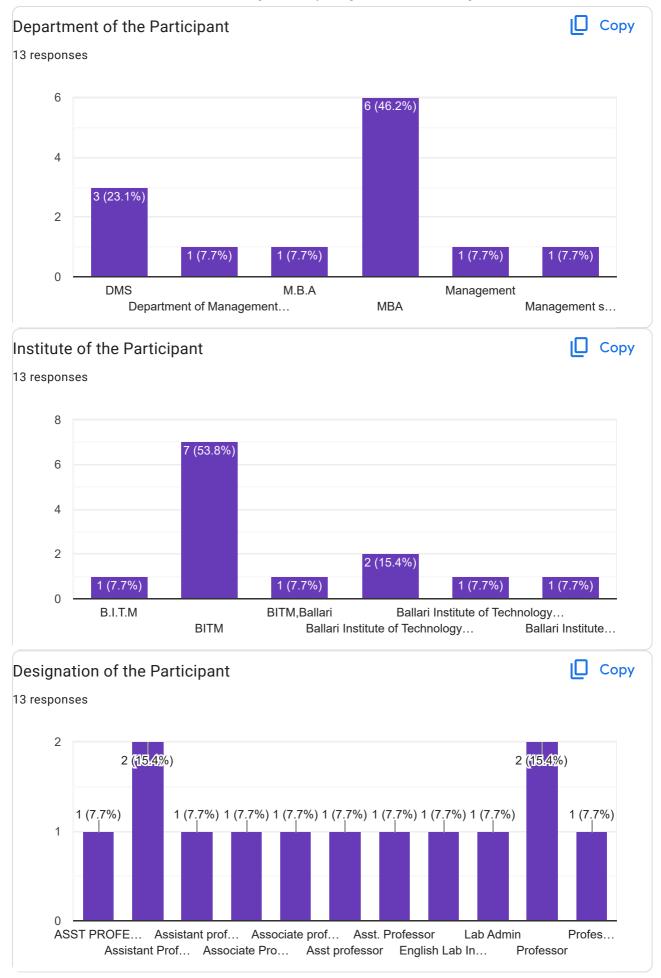
# FDP on **Enhancing Productivity through Effective Stress Management** held on 30th Nov 2022

13 responses

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ame of the Participant	
responses	
SHIVARAJ M	
VASANTI	
Pavan Kumar S S	
Cavita Achchali	
Sushma premkalal	
Dr. Christopher Raj D	
Or.Shaheeda Banu S	
Or Janet Jyothi Dsouza	
Essamuddin	
//d Asif L	
RAVIKUMAR J S	
Or. Anupama	
Dr. Divya Bharathi	





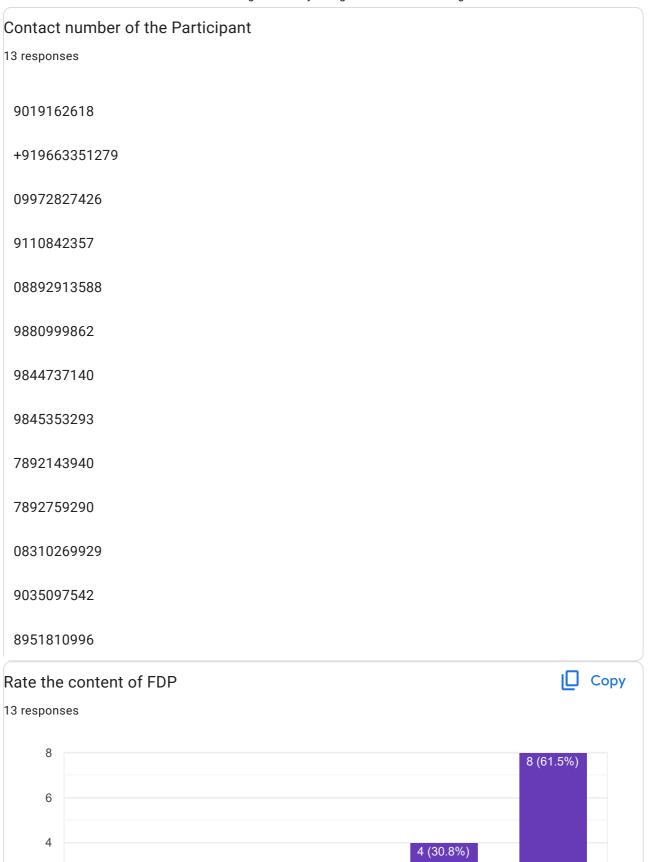


I	Email address of the participant
	13 responses
	sm181088@gmail.com
	vasantinaik1986@gmail.com
	pavanraosr@gmail.com
	revati21.achchallli@gmail.com
	sushmapremkalal007@gmail.com
	christraj75@gmail.com
	drsyedshaheeda@gmail.com
	janetjyothidsouza@gmail.com
	essabitm@gmail.com
	lohar.aasif@gmail.com
	mahijogin@gmail.com



budagavianupama01@gmail.com

Divyaammu82@gmail.com



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3



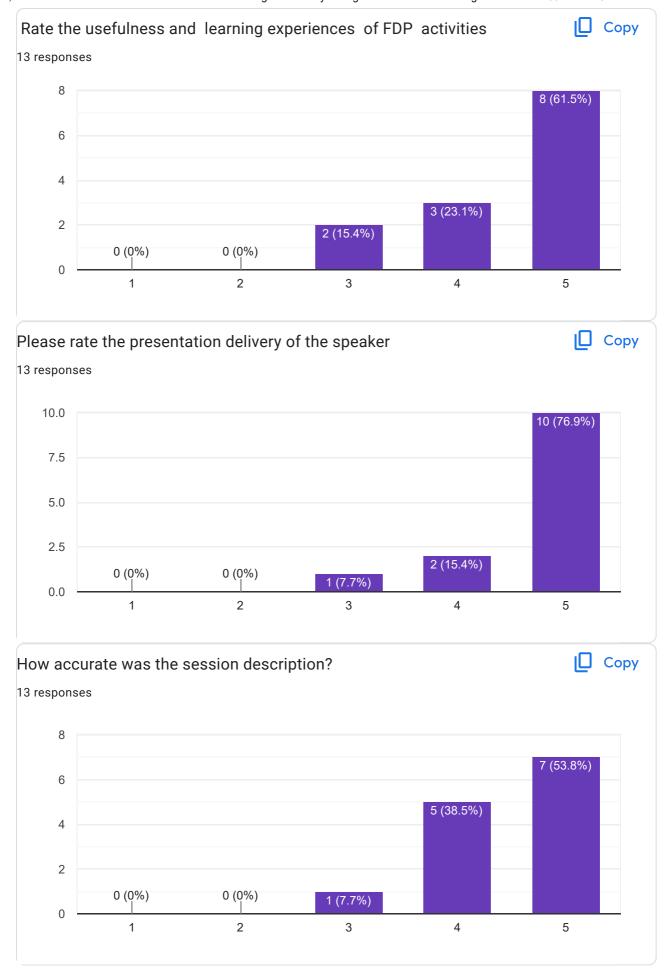
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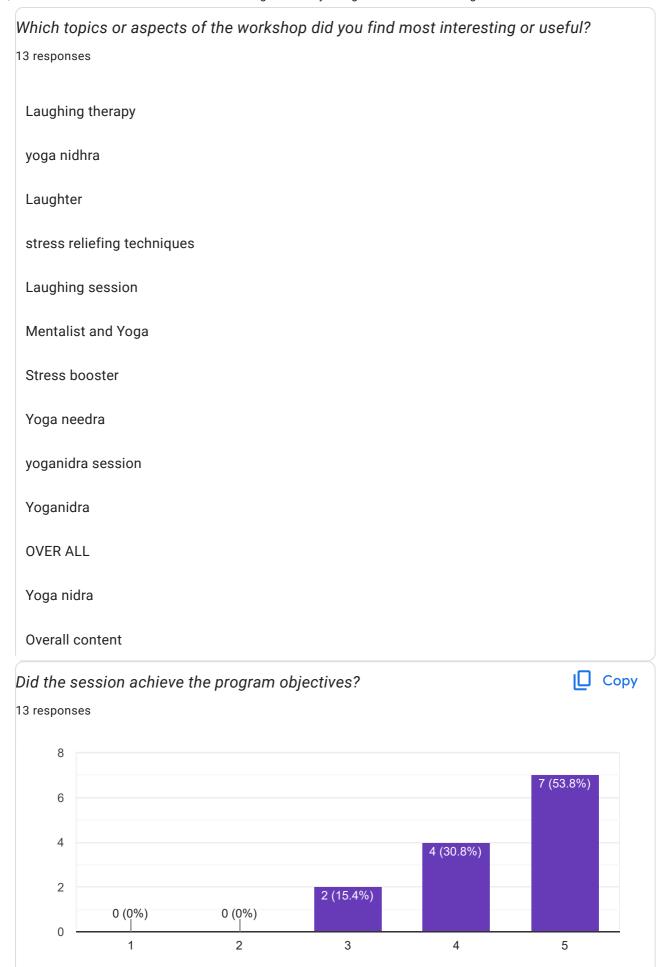
2

2

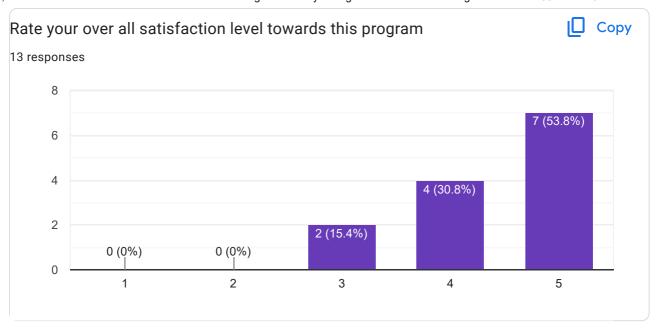
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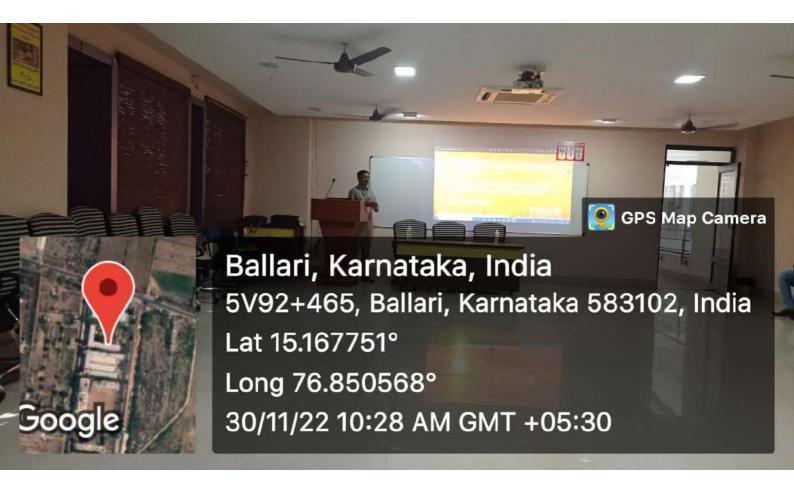
This content is neither created nor endorsed by Google. Report Abuse - Terms of Service - Privacy Policy

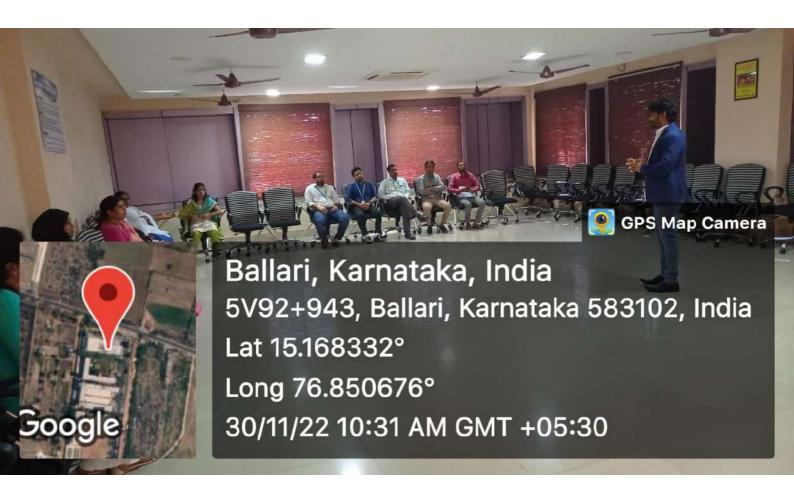
## Google Forms

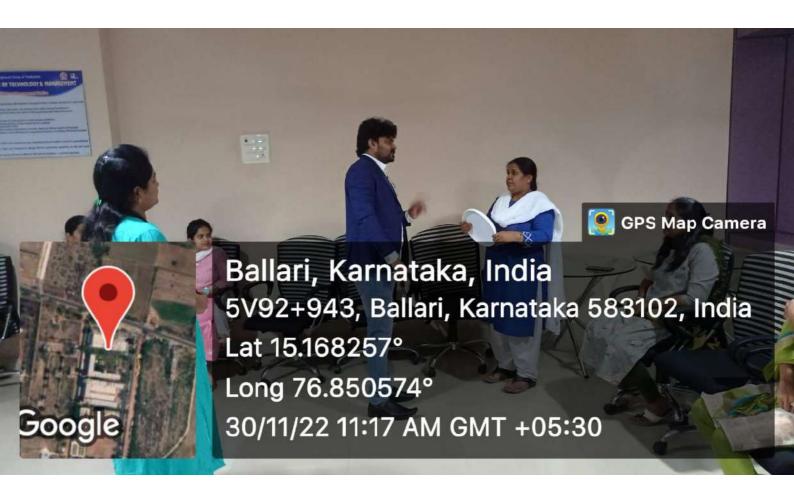












# Basavarajeswari Group of Institutions BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

### Autonomous Institute under Visvesvaraya Technological University, Belagavi

"Jnana Gangotri" Campus, #873/2, Ballari-Hosapete Road, Near Allipura, Ballari-583 104 (Karnataka)

### REPORT ON FACULTY DEVELOPMENT PROGRAM

NAME OF THE ACTIVITY: Faculty Development Program

**TOPIC:** Enhancing Productivity through Effective Stress Management

**DATE:** 30<sup>TH</sup> NOV 2022

NO. OF PARTICIPANTS: 14

**MODE OF PRESENTATION: Offline** 

### **ORGANIZING COMMMITTEE:**

Dr. Janet Jyothi D'Souza Prof. Ravi Kumar J S

### About the FDP

In our day to day life, when we feel anxiety or threatened or depressed our nervous system responds by releasing a flood of stress hormones, including adrenaline and cortisol, which revive the body for emergency action. Our heart pounds faster, muscles tighten, blood pressure rises, breath quickens, and your senses become sharper. Prolonged, uncontrollable distress can negatively affect our immunological, neurological, physiological, and psychological responses. The stress management techniques are designed to help us in reviving chronic low-grade stress situations, high-pressure, heart disease, digestive problems, sleep, mental worry, negative thinking. loss of confidence and depression etc. The participants will learn to assess the stress and its root causes at their personal level. They also will be equipped with practical tips and techniques for reducing & relieving their stress level using different innovative ways to maximize their productivity.

### **Objective and Outcomes of the Program**

### **Objectives**

On Successful completion of the program participants should be able to

- To make participants how stress works and help them to develop sustainable behavior to overcome stress.
- To help participants develop a balanced lifestyle to combat stress in the long term.

### **Outcomes**

- Increased awareness regarding the importance of daily management of stress.
- Take away new technique and tips to deal with any stressful situation in the future.

# Basavarajeswari Group of Institutions BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

Autonomous Institute under Visvesvaraya Technological University, Belagavi "Jnana Gangotri" Campus, #873/2, Ballari-Hosapete Road, Near Allipura, Ballari-583 104 (Karnataka)

### Resource Person Profile

Mr.Sreemanth Desai Master Trainer - HelathifyMe



Mr Desai currently working as a MASTER TRAINER at India's and South East Asia's largest weight - loss and fitness application, HealthifyMe. He has worked in different fields post on his completion of MBA. He has worked as a banker, as a faculty, as a fitness trainer as well. He also runs his freelance business where he offers workshops on Happiness, Law of Attraction, Relationship Coaching and Healing modalities under his brand name "UNLEASH THE GENIE IN YOU". Coming to his other qualifications, he is a Certified Fitness Trainer, Certified Nutritionist, Certified Happiness Coach and NLP(Neuro-Linguistic Programming) Trainer as well.









Basavarajeswari Group of Institutions

# BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

Autonomous Institute under VTU, Belagavi

(A Unit of T.E.H.R.D. Trust ®)
(Recognized by Govt. of Karnataka, Approved by AICTE, New Delhi)

"Jnana Gangotri" Campus, #873/2, Ballari Hosapete Road, Near Allipura, Ballari-583104 (Karnataka)

# DEPARTMENT OF MECHANICAL ENGINEERING

Pordially invites you to the

5 Days Workshop on

# "3D Printing Technology"



On Feb 10th to 15th Feb 2023 Venue: Department of Mechanical Engg.



Dr. Raghavendra Joshi Professor & CoE, BITM

Dr. Santosh V Janamatti Assistant Profesor, BITM

# **Chief Patrons:**

Dr. Yashvanth Bhupal Director, BITM Mr. Y.J Prithviraj Bhupal Deputy Director, BITM

Dr. Yadavalli Basavaraj Principal, BITM

Dr. V. Venkata Ramana HOD, ME, BITM Organizing Committee
Department of
Mechanical Engg

### LIST OF FACULTY on 3DPRITING WORKSHOP

SL NO	NAME OF FACULTY
1	Dr. Lakshmi Kumari
2	Dr. H.M Anil Kumar
3	Dr. Banakara Nagaraj
4	Mr. B Jayaprakash
5	Mr. Vishnu Prasad B
6	Mr. V Srinivasulu
7	Dr. A Shivarama Krishna
8	Mr. K Raghavendra
9	Mr. Manjunath T. H
10	Dr. BK Pavan Kumar
11	Mr. Md. Fayaz
12	Mr. K Shekar
13	Mr. Sree Harsha BT
14	Mr. M ShivaKumar
15	Mr. G Ravi
16	Mr. Mayur Pawar D
17	Mr. B P Vijay Kumar
18	Mr. E Manjunath
19	Mr. Raghavendra Shetty
20	Mr. B Maharaja Gouda
21	Mr. B P Vijay Kumar
22	Mr. Shiva Kumar S Y
23	Mr. Raghavendra Shetty
24	Mr. B Maharaja Gouda
25	Mr. Kalyan Babu





Mouroon

Co-ordinator R & D Centre



Smt. Basavarajeswaraj Group of Institutions



(A Unit of TEHRD Trust ®, Ballari.) NBA & NAAC Accredited an ISO 9001: 2015 Certified Institution\* (Recognised by Govt. of Karnataka. A.L.C.T.E. New Delhi & Affiliated to VTU, Belagavi.)
"Jnana Gangothri" Campus, #873/2, Ballari - Hosapete Road, Near Allipur, Ballari-583104.





### DEPARTMENT OF MECHANICAL ENGINEERING

RESEARCH & DEVELOPMENT CENTRE

"3D PRINTING TECHNOLOGY"

CERTIFICATE

DR. ANILKUMAR H M certify

of .... BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT, BALLARI

Institute / Industry has participated in Training Programme

held / during .....10-15 FEB 2023....

Head

Department of Mechanical Engg.

# FDP/WORKSHOP AGENDA. Date - 101024 23

REGISTRATION FORM

SIGNATIBE	(Blue of land friter		1	A STA		1989	Tight Goo						13.W.	13.4	1	Completion 2	and and	* 1		I Parago		1
DESIGNATION	Assistant professor	AASOC. Drol	4	Asst. protessor	20-0	Assistant Pact.	A saistam Fa	3	Ang Oxo	Tellow and	-	St. Pos	Tustacted	Tringuites	Hest Westerbert	foreman	Drustactus	ASSE PROPERTOR	Aget. Danfolck	- ,		\
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BALLRI INSTTITUTE OF TECHNOLOGY AND MANAGEMENT, BALLATI 583104

| Mobile: 9538358076 📧 santosh4076@gmail.com | 🖶 www.bitm.edu.in

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REGISTRATION FORM

11/2/23

SIGNATURE	B. H.	A A
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SL NO	190000	= 72

# BALLRI INSTTITUTE OF TECHNOLOGY AND MANAGEMENT, BALLATI 583104

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FDP/WORKSHOP AGENDA

BITM

REGISTRATION FORM

Dete-13/02/23

SIGNATURE	The state of the s		Stool white				
DESIGNATION	Assurant PROFESSOR. AMO Prof.	A.P.	DEST. Prof.				
NAME	Dr. Gowerto 15.	May Col	Paran Kumari B.K SHEKAR.K				
ST NO	2005	ren	+000				

BALLRI INSTTITUTE OF TECHNOLOGY AND MANAGEMENT, BALLATI 583104

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FDP/WORKSHOP AGENDA

BITM DAY-S

Date-15/02/23.

REGISTRATION FORM

SIGNATURE ASSISTANT PROFESSOR Assistant Bolonos Asst. post DESIGNATION 48-P part +18H Mr. Shivaramatishm. A - Gamba . C. Paploves do Paran Kuma B.V V. SRIMINASULU MAYUR . D . PAUSAR SHEKA? K 2 ٤ 9

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### Faculty feedback on 3DPRITING WORKSHOP

SL NO	NAME OF FACULTY	POOR	AVERAGE	GOOD	EXCELLENT
1	Dr.LakshmiKumari		~		
2	Dr. H.MAnilKumar				
3	Dr.BanakaraNagaraj			- /	
4	Mr.BJayaprakash				V
5	Mr.VishnuPrasadB				/
6	Mr. VSrinivasulu			~	
7	Dr. AShivarama Krishna				~
8	Mr.K.Raghavendra				
9	Mr. ManjunathT.H				
10	Dr. BK PavanKumar				1/
11	Mr.MohdFayaz				
12	Mr. KShekar	1		/	1
13	Mr. SreeHarshaBT				
14	Mr. MShivaKumar				
15	Mr.GRavi			~	
16	Mr.MayurPawarD				
17	Mr. B PVijayKumar			~	
18	Mr.E Manjunath				~
19	Mr.RaghavendraShetty			~	
20	Mr.BMaharajaGouda				
21	Mr. B PVijayKumar			/	
22	Mr. Shiva KumarS.Y				
23	Mr.RaghavendraShetty				
24	Mr.BMaharajaGouda			/	
25	Mr. KalyanBabu			10.02	

### Basavarajeswari Group of Institutions

### BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

(A unit of T.E.H.R.D. Trust ®) (NBA\* &NAAC Accredited and an ISO 9001:2015 Certified Institution) (Recognized by the Govt. of Karnataka, AICTE, New Delhi)

### Department of Mechanical Engineering

Name of the Activity : WORKSHOP ON

Topic : 3D PRINTING TECHNOLOGY

**Date** : FROM 10TH TO15 FEB 2023

No. of Participants attended : 25

**Mode of Presentation**: OFFLINE

### **Organizing Committee**

Dr. SANTOSH V JANAMTTI

### **Brief Report on the Activity**

3D printing allows for rapid prototyping and onsite manufacturing of products, initially done with plastic. Presently the 3Dprintingusesnewtechniqueswithnewmaterials, such as aluminum, bronze, and glass etc. Biomaterials are also being incorporated in specific applications such as printing of ear cartilage, liver tissue etc. As the 3Dprinting industry is expanding rapidly, this is going to become a big part of many engineering fields

### **Objectives of FDP**

- 1. The Additive Manufacturing (3D) Laboratory available in the department of Mechanical Engineering, BITM, Ballari, is providing the students with an active learning environment in the trending field of engineering.
- 2. The laboratory facilitates to fabricate three dimensional (3D) models directly from the computer aided design (CAD) data.
- 3. The students will be using the laboratory to develop complex CAD models and fabricate prototypes using metal/polymers applied in the engineering and industry.

### **Topics Covered**

- 1. Introduction to 3D Printing Technology
- 2. Introduction to Design Software (CAD, Solid Works etc.)
- 3. Creating 3D Model using Design Software
- 4. Introduction to Prusa Software
- 5. Introduction to UltimakerCura Software
- 6. Preparation of 3D Model in Prusa Software Exercises





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SL NO	TIME	AGENDA Day-1 (10-02-2023)			
1.	10.00 - 10.15AM	Welcome Address			
2.	10.15 - 10.45AM	A Brief history of 3D Printing and Industry 4.0			
3.	10.45 - 11.00AM	Introduction to 3D Printing			
4.	11.00 - 11.15AM	Tea Break			
5.	11.15 - 12.15PM	Generic process of additive manufacturing			
6.	12.15 - 12.30PM	Sustainability dimension of 3D TECHNOLOGY			
7.	12.30 - 12.45PM	Classification of 3D Printing			
8.	12.45 - 01.00PM	Application area, design rules, software used for 3d printing			
9.	02:00 - 4 PM	Uses of slicing software			
10.		Day -2 (11-02-2023)			
11.	10:15- 3:00 PM	Hands On Practice - Prusa Software			
12.		Day-3 (13-02-2023)			
13.	10:15- 3:00PM	Hands On Practice - Ultimaker Cura Software			
14.	10:15- 3:00PM	DAY -4 Printing Practice On CubeXR33 3d Printing Machine			
15.	10:15- 3:00PM	DAY-5 Printing Practice On CubeXR33 3d Printing Machine			





5V82+W75, Ballari, Karnataka 583102, India

Latitude 15.16719764°

Local 11:09:49 AM GMT 05:39:49 AM Longitude 76.85074043°

Altitude 370.17 meters Saturday, 11.02.2023



5V82+X59, Ballari, Karnataka 583101, India

Latitude 15.16721634°

Local 11:10:52 AM GMT 05:40:52 AM Longitude 76.85073782°

Altitude 370.17 meters Saturday, 11.02.2023

### ABOUT FDP:

The FDP will address to individual researchers and institutions interested in the development and/or implementation of 3D Printing technologies. This will give excellent academic forum for sharing knowledge and results in theory, design, methodology and applications of additive manufacturing.

The programme aims to enable participants to learn the applications of 3D Printing in Aerospace, Defense, Medical, Automobile etc.

### **COURSE CONTENTS:**

- Introduction to Additive Manufacturing (3D Printing) and its Research Directions
- Fundamental Design aspects and parameters involved in Additive Manufacturing.
- Additive Manufacturing Techniques such as; SLA, SLS, PDM, LOM etc.,
- 4. CAD for Additive Manufacturing
- Microstructural aspects of additively manufactured alloys & their Mechanical Properties
- Applications of Additive Manufacturing in Medical, Automobile & Aerospace Industry
- Additive Manufacturing Software & Topology Optimization in Additive Manufacturing.

### **HOW TO APPLY:**

The interested candidates are required to register for the FDP through following link on or before the last date by following the given steps https://www.aicte-india.org/atal

Step 1: Register as a participant on ATAL portal

Step 2: Select FDPs/CPDPs/workshops tab on left side

Step 3: Select, Type-ATAL, Month-September

Step 4: Select thrust area - Thrust Areas

Step 5: Apply by clicking on the + sign in the workshop showing Title as Advances in Additive Manufacturing (Application No: 1651742300)

The number of participants is limited to 50 and will be selected based on first come first serve basis.

### **CERTIFICATE:**

The certificates shall be issued to the participants who have attended the program with minimum 80% attendance (Both in Online and Offline) and scored minimum 60% marks in the test. The participants also have to provide compulsory online Feed-back on the last day of FDP.

### WHO CAN PARTICIPATE?

The faculty members of the AICTE approved institutions, Research Scholars, PG Scholars, participants from Government, Industry (Bureaucrats / Technicians / Participants from Industry etc.) and staff of host institutions not more than 10%.

### **PATRONS**

Dr. Yashvanth Bhupal Chairman & Director, BITM

Mr. Y.J Prithviraj Bhupal Deputy Director, BITM

### CHIEF COORDINATOR

Dr. Yadavalli Basavaraj Principal, BITM

### CO-COORDINATOR

Mr. G Raghavendra Setty Asst. Prof., Dept. of ME, BITM Mob: +91 9686413051

### CONVENER

Dr. V Venkata Ramana Professor & Head, Dept. of ME, BITM

### ORGANISING COMMITTEE

Dr. B Ganesh, Asso. Professor

Dr. Raju Jadar, Asso. Professor

Dr. Lakshmi Kumari, Asso. Professor

Dr. Banakara Nagaraj, Asso. Professor

Dr. Manjunath T H, Asso. Professor

Dr. Santhosh Janamatti, Asst. Professor

Mr. B Jayaprakash, Asst. Professor

Mr. Vishnu Prasad B, Asst. Professor

Mr. V Srinivasulu, Asst. Professor

Mr. A Shivarama Krishna, Asst. Professor

Mr. K Raghavendra, Asst. Professor

Mr. B K Pavan Kumar, Asst. Professor

Mr. K Shekar, Asst. Professor

Mr. Mayur Pawar D, Asst. Professor

Mr. B P Vijay Kumar, Asst. Professor

Mr. B Maharaja Gouda, Asst. Professor

Mr. Shiva Kumar S Y, Asst. Professor

Mr. Gavisiddappa P, Asst. Professor

Mr. Raghavendra Karnool, Asst. Professor

Mr. Taranath A, Asst. Professor

Mr. Pavan B S, Asst. Professor

Mr. Kalyan Babu, Asst. Professor Mr. Iravva Shikkerimath, Asst. Professor

Mr. K C Venkatesh, Asst. Professor



Basavarajeswari Group of Institutions



### BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT, BALLARI, KARNATAKA

Autonomous Institute under VTU, Belagavi

Two Week FDP Program on

# Advances in Additive Manufacturing

15th to 20th Sept. 2022 (ONLINE) & 26th to 30th Sept. 2022 (Offline)

Sponsored by AIGTE Training and Learning Academy (ATAL)



Organized by
Department of Mechanical Engineering

### BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

(A Unit of T.E. H.R.D. Trust 6) NBA\* & NAAC A\* and ISO 9001:2015 Certified Institution (Recognized by Govt. of Kamataka, Approved by AICTE, New Delhi & Affiliated to VTU, Belagaw)

"Jnana Gangotri" Campus, #873/2, Ballari-Hosapete Road, Near Allipura, Ballari - 583 104 (Karnataka) www.bitm.edu.in The primary objective of the ATAL Academy is to plan and help in imparting quality technical education in the country and to support technical institutions in fostering research, innovation and entrepreneurship through training. The online FDP of 2020-21 has been recognized as a world record by World Book of Records, London.

### **ABOUT BITM**

Ballari Institute of Technology & Management, Ballari (BITM) was established in the year 1997 with a sole objective to provide quality & affordable education, with its forte being accomplished, highly proficient and devoted faculty, with a sound knowledge of the subject, along with an innate desire to go toe to toe with the times and latest developments in emerging fields. The campus spread over 11 acres of greenery, with ecofriendly surroundings, has facilities that are a class apart, combining aesthetics with modernity.

BITM is an Autonomous Institute under VTU, Belagavi.

Institution has actionized outcome based education across the institute & has successfully obtained NAAC A+ Grade with CGPA of 3.27 and NBA Accreditation for 5 UG Programs i.e., CSE, ECE, ME, EEE & Civil.

To adhere to quality, institution is ISO certified since 2005 & currently follows & adheres to the best practices as stipulated by the ISO 9001:2015. Institution conforms to the demanding international standards by creating & implementing a Quality Management System.

### ABOUT DEPARTMENT

The Dept. of Mechanical Engineering was started in the year 1997. It trains the students with in-depth knowledge of cutting edge technologies by incorporating the necessary programs to enhance creativity, social aware & leadership skills for the overall development is the vision of the department. The course is an outcome based structured to help students to achieve their goal. The Dept. has highly qualified, experienced & dedicated staff members to cater the needs of the students. The Dept. has also VTU Recognised Research Centre and accredited by NBA.

### Resource Persons & Topic

1st Week Online Mode: 06 Days

Day 1: Thursday, 15/09/2022

Session Topic: Fundamental, Application and Research Directions in Additive Manufacturing

Dr. Pulak M. Pandey

Professor, Dept. of Mech. Engg. Indian Institute of Technology Delhi

Day 2: Friday, 16/09/2022

Session Topic: 3D Printing: The Key Technology in Industry 4.0

Dr. Y. Ravi Kumar

Associate Professor, Dept. of Mech. Engg. National Institute of Technology, Warangal

Day 3: Saturday, 17/09/2022

Session Topic: Design & Topology Optimization for 3D Printing
Dr. Om Prakash Singh

Associate Professor, Dept. of Mech. Engg. Indian Institute of Technology (BHU)

Day 4: Sunday, 18/09/2022

Session Topic: Fatigue Behavior of Additively Manufactured Materials

Dr. Jayaganthan R

Professor, Dept. of Engineering Design, Indian Institute of Technology Madras

Day 5: Monday, 19/09/2022

Session Topic: Microstructural Aspects of Additively Manufactured Alloys & their Mechanical Properties.

Dr. Eswara Prasad K

Assistant Professor, Dept. of Mech. Engg. Indian Institute of Technology Indore

Day 6: Tuesday, 20/09/2022

Session Topic: Additive Manufacturing of Biomedical Implants

Dr. Murugaiyan Amirthalingam

Assisstant Professor, Dept. Metallurgical & Materials Engg Indian Institute of Technology Madras Resource Persons & Topic

2<sup>nd</sup> Week Offline Mode: 05 Days

Day 1: Monday, 26/09/2022

Session Topic: Applications of Additive Manufacturing in Aerospace Industry

Dr. T Ram Prabhu

Joint Director / Scientist E

Defense Research & Development Organization (DRDO)

Day 2: Tuesday, 27/09/2022

Session Topic: Recent Advances & Challenges in Wire Arc Additive Manufacturing (WAAM) of Ferrous & Non Ferrous Materials

Dr. Ajay Kumar

Assistant Professor, Dept. of Mech. Engg. Indian Institute of Technology, Tirupati

Day 3: Wednesday, 28/09/2022

Session Topic: Heat Transfer and Material Flow Modeling of Metal Additive Manufacturing

Dr. Amit Arora

Associate Professor, Dept. of Mech. Engg. Indian Institute of Technology, Gandhinagar

Day 4: Thursday, 29/09/2022

Session Topic: Recent Advances in 3D Metal Additive Manufacturing

Dr. Raghavendra Joshi

Professor & CoE,

Ballari Institute of Technology & Management, Ballari

Day 5: Friday, 30/09/2022

Industrial Visit to JSW Steel Limited, Toranagal, Ballari, Karnataka.



© 5.00 PM



Travel Back & Feed Back





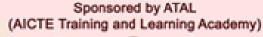


Autonomous Institute under VTU, Belagavi

Two Week FDP Program on Advances in Additive Manufacturing

Organized by: Dept of Mechanical Engg.

15th to 20th Sept. 2022 (ONLINE)









Day 1 (15/09/22)	Day 2 (16/09/22)	Day 3 (17/09/22)	Day 4 (18/09/22)	Day 5 (19/09/22)	Day 6 (2009/22)
Session 1 (I)	Session 2 (I)	Session 3 (I)	Session 4 (I)	Session 5 (I)	Session 6 (I)
(7:00 pm to 7:50 pm)	(7:00 pm to 7:50 pm)				
Session 1 (II)	Session 2 (II)	Session 3 (II)	Session 4 (II)	Session 5 (II)	Session 6 (II)
(8:00 pm to 8:50 pm)	(8:00 pm to 8:50 pm)				
Session 1 Interactions	Session 2 Interactions	Session 3 Interactions	Session 4 Interactions	Session 5 Interactions	Week 1 MCQs
(9:00 pm to 9:30 pm)	(9:00 pm to 9:30 pm)				

Resource Persons:

Day 1: Dr. Pulak M Pandey, IIT Delhi Day 4: Dr. Jayaganthan, IIT Madras

Day 2: Dr. Y Ravi Kumar, NIT Warangal Day 5: Dr. Eswara Prasad K, IIT Indore Day 3: Dr. Om Prakash Singh. IIT (BHU) Day 6: Dr. Murugaiyan A, IIT Madras

### 26th to 30th Sept. 2022 (Offline)

Day 1 (26/09/22)	Day 2 (27/09/22)	Day 3 (28/09/22)	Day 4 (29/09/22)	Day 5 (30/09/22)	Resource Persons:
9:30pm to 12:00 pm Session 7	9:30pm to 12:00 pm Session 9	9:30pm to 12:00 pm Session 11	9:30pm to 12:00 pm Session 13	9:00 am to 9:30 Inauguration	Day 1: Dr. T Ram Prabhu, DRDO
12:00 pm to 1:00 pm Article 1 Discussion	12:00 pm to 1:00 pm Article 2 Discussion	12:00 pm to 1:00 pm Discussion	12:00 pm to 1:00 pm MCQs	9:30 am to 12:00pm Session 7	Day 2: Dr. Ajay Kumar, IIT Tirupati
1:00 pm to 2:00 pm Lunch	1:00 pm to 2:00 pm Lunch	1:00 pm to 2:00 pm Lunch	1:00 pm to 2:00 pm Lunch	12:00 pm to 1:00 pm Lunch	Day 3: Dr. Amit Arora, IIT Gandhinagar
2:00 pm to 4:00m Session 8	2:00 pm to 4:00m Session 10	2:00 pm to 4:00m Session 12	2:00 pm to 4:00m Session 14	1:00pm to 2:00 pm Travel Visit	Day 4: Dr. Raghavendra Joshi, BITM, Ballari Day 5:
4:00pm to 5:15 pm Teaching Practices	4:00pm to 5:15 pm Teaching Practices	4:00pm to 5:15 pm Teaching Practices	4:00pm to 5:15 pm Teaching Practices	2:00 pm to 4:00 pm Visit	Industrial Visit: JSW Steel Ltd.
Details contact: Mr. G Ra	ghavendra Setty, Co-Coordina	ator, Asst. Prof., Dept. of ME, B	ITM, Mob: +91 9686413051	4:00 pm to 5:00 pm	

# **ATAL FDP on Advances in Additive Manufacturing**

### The list of participants was:-

Sl. No.	Name	Organization	Email Id	Contact Number
1	Mr. MANJUNATHA E	BALLARIINSTITUTEOF TECHNOLOGY AND MANAGEMENT	blackswanbitm@gmail.com	9611691922
2	Dr. Vaddin Chetan	Rao Bahadur Y. Mahabaleswarappa EngineeringCollege	vaddin@rymec.in	7795518864
3	Dr. KoriNagaraj	Rao Bahadur Y Mahabaleswarappa EngineeringCollege	kori.nagaraj@rymec.in	9448576434
4	Mr. Santosh Janamatti	BITM	santosh4076@gmail.com	9538358076
5	Dr. Manjunatha Kondekal	RYMEngineeringCollege	manjunatha.kondekal@ryme c.in	7090511300
6	Mr. AKKASALI TARANATH	B.I.T.MBALLARI	a.taranath@bitm.edu.in	8095281437
7	Mr. Sharmas Vali S	Govt Polytechnic Koppal	sarmas.02@gmail.com	9980714936
8	Dr. H.M.AnilKumar	Ballari Instituteof technology and management	hmanilkumar@yahoo.com	7483043444
9	Dr.Chitriki Thotappa	Rao Badhur Y Mahabaleswarappa Engineering College	thotappa@rymec.in	9342612381
10	Dr.BALARAJV	Rao Bhadur Y Mahabaleshwarappa Engineering College	balaraj.v@rymec.in	8749075910
11	Mr.MALLIKARJUNA.Y	R.Y.MENGINEERING COLLEGE,BALLARI	mallikarjunay@rymec.in	9480349638
12	Dr.Vinay HB	Government Engineering College, Gangavathi	vinayhb083@gmail.com	9611499114
13	Mrs.Bhuvaneshwari Alias Sunita Kulkarni	Government Engineering College	bhuvaneshwarikulkarni1968 @gmail.com	9449955783
14	Mr.FHARUKH AHMED G M	Government Engineering College HUVINAHADAGALI	fharukh@gmail.com	9448236112
15	Mr.SNaveen	Proudhadevaraya Institute of Technology	naveen.rymec40@gmail.co m	9964672469

# **ATAL FDP on Advances in Additive Manufacturing**

16	Mr.Lakshmana NaikTK	Rao Bahadur Y Mahabaleswarappa EngineeringCollege	nayakalucky@gmail.com	9916391887
17	Dr.HAREESHA G	Government Engineering CollegeHUVINAHADAGALI	harishssb@gmail.com	9886754939
18	Dr.GANESHA B	BITM,Ballari	ganesh69barki@gmail.com	9986504499
19	Mr.Shekar	Ballariinstituteof technology and management	sekermail10@gmail.com	9987916091
20	Mr.VIJAYENDRA KUKANUR	H.K.E.SOCIETY'SSLN COLLEGE OF ENGG	kukanur.vk46@gmail.com	9611689099
21	Dr.Sachidananda K B	SreeVidyanikethan EngineeringCollege	sachidananda@vidyaniketha n.edu	9449189983
22	Dr.Pavana Kumara	JainCollegeofEngineering Belagavi	drpavanmech@jainbgm.in	9449700900
23	Dr.B.Anjaneyulu	SRIT(Autonomous), Anantapur	anjaneyulub.mec@srit.ac.in	9440845546
24	Dr.Shivakumar Bilgundi	PDACollegeofEngineering	bilgundi.shiva@yahoo.com	9902838555
25	Mrs.MELEKAR USHARANI	SRINIVASA RAMANUJAN INSTITUTEOFTECHNOLOGY	usharani.mec@srit.ac.in	8297842798
26	Mr. R SUNILKUMAR	JNTUA COLLEGE OF ENGINEERINGKALIKIRI	sunil.cek16@gmail.com	9848941156
27	Mrs. chandrakanth khande	ATRIAINSTITUTEOF TECHNLOGY	cvkhande123@gmail.com	9980168557
28	Dr.V Nagaprasad Naidu	JNTUA College of EngineeringKalikiri	nagveluri.mech@jntua.ac.in	9989988920
29	Mr.MALLAPPA HUNASIKATTI	BILURU GURUBASAVAMAHASWAMI JI INSTITUTE OF TECH MUDHOL	mallu.hunasikatti@gmail.co m	9986315240
30	Mr.Raghavendra H	MADANAPALLEINSTITUTE OF TECHNOLOGY AND SCIENCE	h.raghavendra.rymec@gmail .com	6362960866
31	Dr. Banakara Nagaraj	BallariInstituteof Technology and Management	atalbanakar@gmail.com	9845414070
32	Dr.AJITHARULDANIEL	Vels Institute of Science,Technologyand AdvancedStudies	ajitharul.se@velsuniv.ac.in	9489600652
33	Mr. Preetham T	UVCE,Bengaluru	preetham.t12345@gmail.co m	9164672523
34	Mr. Ranjith R Hombal	UVCE,Bengaluru	ranjithhombalh@gmail.com	9742626356

# **ATAL FDP on Advances in Additive Manufacturing**

35	Dr. Prasanna Kumar SC	RV College of Engineering	prasannakumar@rvce.edu.in	9448557845
36	Mr. PARAVEEJ SHIRAHATTI	UNIVERSITYVISVESVARAYA COLLEGE OF ENGINEERING	parveezlovesmadina@gmail.	9611858383
37	Dr. NagamadhuM	BMS Institute of Technology and Management	nagamadhum@bmsit.in	9611338626
38	Mr. Gopi Venkatachalam	Velammal Engineering College	gopi25db@gmail.com	9791195935
39	Mr. S.SHANKARANARAYANA N	VELAMMALENGINEERING COLLEGE	shankar.b86@gmail.com	9943405421
40	Dr. Suresh K	GovernmentEngineering College Talakal	kote.suresh@gmail.com	7204500180
41	Mr. VENKATESH K C	BALLARI INSTITUTE OF TECHNOLOGY AND MANAGEMENT,BALLARI	venkatesh.kc49@gmail.com	8880454511
42	Mr. Nithin Joshuva	SrinivasInstituteof Technology	nithinjoshuva@gmail.com	9743202662









### ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

Nelson Mandela Marg, Vasant Kunj, New Delhi - 110 070

AICTE Training and Learning (ATAL) Academy

### Certificate

It is certified that Dr. Dr. H.M.Anil Kumar, Associate Professor of Ballari Institute of technology and management has successfully participated & completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Advances In Additive Manufacturing at BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT from 15/09/2022 to 30/09/2022.

Dung

Coordinator

James ..

Bureau Head (ATAL)

**Meeting Summary** 

Total Number of Participants 58
Meeting Title General

 Meeting Start Time
 9/15/2022, 5:59:12 PM

 Meeting End Time
 9/15/2022, 9:04:47 PM

Meeting Id 43cec45f-bb10-4750-8c6c-17e7f23d4df5

Full Name	Join Time	Leave Time	Duration	Role
Mr. Shekar K	9/15/2022, 5:59:12 PM	9/15/2022, 9:04:11 PM	3h 4m	Presenter
Mayur D Pawar	9/15/2022, 6:00:11 PM	9/15/2022, 9:04:47 PM	3h 4m	Attendee
Mallu Hunasikatti	9/15/2022, 6:00:22 PM	9/15/2022, 7:00:20 PM	59m 58s	Attendee
Raghavendra Setty G	9/15/2022, 6:00:31 PM	9/15/2022, 7:26:57 PM	1h 26m	Organizer
Raghavendra Setty G	9/15/2022, 7:29:08 PM	9/15/2022, 9:04:47 PM	1h 35m	Organizer
Dr. Venkata Ramana. V	9/15/2022, 6:00:38 PM	9/15/2022, 9:04:47 PM	3h 4m	Presenter
Sharmas Vali S	9/15/2022, 6:01:42 PM	9/15/2022, 6:06:26 PM	4m 44s	Attendee
Dr. B.Anjaneyulu	9/15/2022, 6:02:27 PM	9/15/2022, 9:04:47 PM	3h 2m	Attendee
Venkatesh K C	9/15/2022, 6:03:25 PM	9/15/2022, 9:04:44 PM	3h 1m	Attendee
Dr. Prasanna Kumar S C (Guest)	9/15/2022, 6:03:53 PM	9/15/2022, 7:01:30 PM	57m 37s	Attendee
Dr S Ajith Arul Daniel (Guest)	9/15/2022, 6:05:46 PM	9/15/2022, 7:43:17 PM	1h 37m	Attendee
SURESH K	9/15/2022, 6:06:16 PM	9/15/2022, 7:54:03 PM	1h 47m	Attendee
Vaddin Chetan (Guest)	9/15/2022, 6:10:33 PM	9/15/2022, 8:00:58 PM	1h 50m	Attendee
Dr G Hareesha	9/15/2022, 6:12:24 PM	9/15/2022, 6:13:56 PM	1m 31s	Presenter
Dr. Madeva Nagaral (Guest)	9/15/2022, 6:12:35 PM	9/15/2022, 8:07:55 PM	1h 55m	Attendee
Akkasali Taranath	9/15/2022, 6:12:47 PM	9/15/2022, 9:04:47 PM	2h 52m	Attendee
Mr. Anil Kumar H.M	9/15/2022, 6:12:47 PM	9/15/2022, 8:44:22 PM	2h 31m	Attendee
Dr Manjunatha Kondekal	9/15/2022, 6:13:28 PM	9/15/2022, 7:05:15 PM	51m 46s	Attendee
Dr Manjunatha Kondekal	9/15/2022, 7:08:02 PM	9/15/2022, 7:58:04 PM	50m 2s	Attendee
Dr Manjunatha Kondekal	9/15/2022, 8:02:47 PM	9/15/2022, 8:07:11 PM	4m 24s	Attendee
Dr Manjunatha Kondekal	9/15/2022, 8:13:05 PM	9/15/2022, 9:04:47 PM	51m 41s	Attendee
Mallikarjuna Y	9/15/2022, 6:14:48 PM	9/15/2022, 9:04:47 PM	2h 49m	Attendee
Raghavendra H	9/15/2022, 6:15:04 PM	9/15/2022, 9:04:47 PM	2h 49m	Attendee
Dr G Hareesha	9/15/2022, 6:16:00 PM	9/15/2022, 6:41:35 PM	25m 35s	Attendee
RANJITH R HOMBAL	9/15/2022, 6:16:11 PM	9/15/2022, 7:31:02 PM	1h 14m	Attendee
Manjunatha E	9/15/2022, 6:17:03 PM	9/15/2022, 7:17:03 PM	59m 59s	Attendee

Manjunatha E	9/15/2022, 7:53:57 PM	9/15/2022, 7:55:06 PM	1m 9s	Attendee
Manjunatha E	9/15/2022, 8:11:50 PM	9/15/2022, 9:04:47 PM	52m 57s	Attendee
R.SUNIL KUMAR	9/15/2022, 6:17:11 PM	9/15/2022, 8:06:15 PM	1h 49m	Attendee
R.SUNIL KUMAR	9/15/2022, 8:07:47 PM	9/15/2022, 8:09:20 PM	1m 33s	Attendee
BALARAJ V	9/15/2022, 6:17:31 PM	9/15/2022, 7:15:57 PM	58m 26s	Attendee
Bhuvaneshwari Alias Sunita Kulkarni	9/15/2022, 6:22:14 PM	9/15/2022, 8:02:04 PM	1h 39m	Attendee
Usha Rani	9/15/2022, 6:22:16 PM	9/15/2022, 9:04:47 PM	2h 42m	Attendee
Pulak Mohan Pandey	9/15/2022, 6:24:12 PM	9/15/2022, 7:28:32 PM	1h 4m	Presenter
Pulak Mohan Pandey	9/15/2022, 7:32:54 PM	9/15/2022, 9:04:09 PM	1h 31m	Presenter
PARVEEZ	9/15/2022, 6:27:44 PM	9/15/2022, 7:44:32 PM	1h 16m	Attendee
Dr BANAKARA NAGARAJ	9/15/2022, 6:28:19 PM	9/15/2022, 6:41:20 PM	13m 1s	Presenter
Fharukh Ahmed	9/15/2022, 6:30:42 PM	9/15/2022, 9:04:47 PM	2h 34m	Attendee
shivakumar	9/15/2022, 6:35:35 PM	9/15/2022, 9:04:47 PM	2h 29m	Attendee
Preetham T	9/15/2022, 6:37:24 PM	9/15/2022, 7:47:34 PM	1h 10m	Attendee
Preetham T	9/15/2022, 8:12:58 PM	9/15/2022, 8:15:20 PM	2m 22s	Attendee
Lakshmana Naik T k	9/15/2022, 6:44:32 PM	9/15/2022, 7:45:24 PM	1h	Attendee
Lakshmana Naik T k	9/15/2022, 7:47:32 PM	9/15/2022, 9:04:38 PM	1h 17m	Attendee
Mr. Mohammed Fayaz K	9/15/2022, 6:46:05 PM	9/15/2022, 6:48:33 PM	2m 28s	Presenter
S Naveen	9/15/2022, 6:53:27 PM	9/15/2022, 7:08:04 PM	14m 37s	Attendee
Mr. Manjunatha T.H	9/15/2022, 7:02:14 PM	9/15/2022, 7:30:45 PM	28m 30s	Attendee
Dr G Hareesha	9/15/2022, 7:05:46 PM	9/15/2022, 7:17:45 PM	11m 58s	Attendee
Mallu Hunasikatti	9/15/2022, 7:05:48 PM	9/15/2022, 9:04:47 PM	1h 58m	Attendee
Dr. Raju Jadar	9/15/2022, 7:06:45 PM	9/15/2022, 7:32:55 PM	26m 9s	Attendee
Dr.Banakara Nagaraj	9/15/2022, 7:08:11 PM	9/15/2022, 9:04:47 PM	1h 56m	Attendee
Dr. Prasanna Kumar S C (Guest)	9/15/2022, 7:10:05 PM	9/15/2022, 7:31:38 PM	21m 32s	Attendee
S Naveen	9/15/2022, 7:17:26 PM	9/15/2022, 7:19:36 PM	2m 9s	Attendee
Vinay HB	9/15/2022, 7:20:34 PM	9/15/2022, 7:38:20 PM	17m 46s	Attendee
Vinay HB	9/15/2022, 8:13:38 PM	9/15/2022, 9:04:47 PM	51m 9s	Attendee
S Naveen	9/15/2022, 7:24:40 PM	9/15/2022, 7:28:43 PM	4m 3s	Presenter
RANJITH R HOMBAL	9/15/2022, 7:34:45 PM	9/15/2022, 8:01:10 PM	26m 24s	Attendee
Ms. Sowbhaggya	9/15/2022, 7:50:00 PM	9/15/2022, 7:56:31 PM	6m 31s	Attendee
Ms. Sowbhaggya	9/15/2022, 7:58:13 PM	9/15/2022, 8:06:38 PM	8m 24s	Attendee
Ms. Sowbhaggya	9/15/2022, 8:29:23 PM	9/15/2022, 8:36:26 PM	7m 3s	Attendee
Ms. Sowbhaggya	9/15/2022, 8:44:19 PM	9/15/2022, 9:04:43 PM	20m 24s	Attendee

Vaddin Chetan (Guest)	9/15/2022, 8:02:48 PM	9/15/2022, 8:11:34 PM	8m 45s	Attendee
PARVEEZ	9/15/2022, 8:03:03 PM	9/15/2022, 9:04:47 PM	1h 1m	Attendee
Bhuvaneshwari Alias Sunita Kulkarni	9/15/2022, 8:07:09 PM	9/15/2022, 8:11:44 PM	4m 35s	Attendee
Bhuvaneshwari Alias Sunita Kulkarni	9/15/2022, 8:20:53 PM	9/15/2022, 9:04:47 PM	43m 54s	Attendee
Santosh Janamatti	9/15/2022, 8:10:44 PM	9/15/2022, 8:35:22 PM	24m 37s	Attendee
Santosh Janamatti	9/15/2022, 8:39:34 PM	9/15/2022, 9:04:44 PM	25m 10s	Attendee
Shivakumar S Y	9/15/2022, 8:19:10 PM	9/15/2022, 9:04:47 PM	45m 37s	Attendee
RANJITH R HOMBAL	9/15/2022, 8:21:00 PM	9/15/2022, 8:52:58 PM	31m 58s	Attendee
SURESH K	9/15/2022, 8:22:16 PM	9/15/2022, 9:04:32 PM	42m 16s	Attendee
Preetham T	9/15/2022, 8:23:36 PM	9/15/2022, 8:26:44 PM	3m 7s	Attendee
Preetham T	9/15/2022, 8:30:06 PM	9/15/2022, 8:33:14 PM	3m 8s	Attendee
S Naveen	9/15/2022, 8:34:43 PM	9/15/2022, 8:41:25 PM	6m 42s	Attendee
Preetham T	9/15/2022, 8:51:41 PM	9/15/2022, 9:04:37 PM	12m 56s	Attendee
RANJITH R HOMBAL	9/15/2022, 8:55:44 PM	9/15/2022, 9:04:34 PM	8m 49s	Attendee
Dr G Hareesha	9/15/2022, 9:02:05 PM	9/15/2022, 9:04:47 PM	2m 42s	Presenter

Meeting Summary

### **Total Number of Participants**

42

Meeting TitleGeneralMeeting Start Time9/16/2022, 6:31:56 PMMeeting End Time9/16/2022, 9:11:56 PM

Meeting Id 5c6fd874-206c-43d7-b4eb-e3b446841389

Full Name	Join Time	Leave Time	Duration	Role
Mr. Shekar K	9/16/2022, 6:31:56 PM	9/16/2022, 9:11:56 PM	2h 39m	Presenter
Raghavendra Setty G	9/16/2022, 6:33:10 PM	9/16/2022, 6:44:21 PM	11m 10s	Organizer
Raghavendra Setty G	9/16/2022, 6:49:14 PM	9/16/2022, 9:11:56 PM	2h 22m	Organizer
Dr Manjunatha Kondekal	9/16/2022, 6:37:00 PM	9/16/2022, 8:47:00 PM	2h 9m	Attendee
shivakumar	9/16/2022, 6:37:53 PM	9/16/2022, 7:41:53 PM	1h 4m	Attendee
Mayur D Pawar	9/16/2022, 6:38:02 PM	9/16/2022, 9:11:56 PM	2h 33m	Presenter
Mallikarjuna Y	9/16/2022, 6:38:54 PM	9/16/2022, 9:11:56 PM	2h 33m	Attendee
Lakshmana Naik T K	9/16/2022, 6:38:58 PM	9/16/2022, 9:11:56 PM	2h 32m	Attendee
PARVEEZ	9/16/2022, 6:39:00 PM	9/16/2022, 7:29:02 PM	50m 2s	Attendee
Dr. Prasanna Kumar S C (Guest)	9/16/2022, 6:39:22 PM	9/16/2022, 9:11:20 PM	2h 31m	Attendee
RANJITH R HOMBAL	9/16/2022, 6:40:34 PM	9/16/2022, 6:48:56 PM	8m 21s	Attendee
RANJITH R HOMBAL	9/16/2022, 6:51:25 PM	9/16/2022, 9:11:29 PM	2h 20m	Attendee
Dr S Ajith Arul Daniel	9/16/2022, 6:42:00 PM	9/16/2022, 8:01:35 PM	1h 19m	Attendee
Bhuvaneshwari Alias Sunita Kulkarni	9/16/2022, 6:46:12 PM	9/16/2022, 9:11:41 PM	2h 25m	Attendee
Dr G Hareesha	9/16/2022, 6:46:15 PM	9/16/2022, 6:49:08 PM	2m 53s	Attendee
BALARAJ V	9/16/2022, 6:46:19 PM	9/16/2022, 6:59:36 PM	13m 16s	Attendee
Vaddin Chetan (Guest)	9/16/2022, 6:46:21 PM	9/16/2022, 9:11:56 PM	2h 25m	Attendee
Dr. Sachidananda K B	9/16/2022, 6:48:48 PM	9/16/2022, 9:11:23 PM	2h 22m	Attendee
SURESH K	9/16/2022, 6:48:48 PM	9/16/2022, 9:11:26 PM	2h 22m	Attendee
Dr. B.Anjaneyulu	9/16/2022, 6:48:58 PM	9/16/2022, 9:11:56 PM	2h 22m	Attendee
Raghavendra H	9/16/2022, 6:50:50 PM	9/16/2022, 9:11:34 PM	2h 20m	Attendee
Nagamadhu M	9/16/2022, 6:51:10 PM	9/16/2022, 9:11:56 PM	2h 20m	Attendee
Prof. Y. Ravi Kumar (NIT-W) (Guest)	9/16/2022, 6:52:37 PM	9/16/2022, 9:11:39 PM	2h 19m	Presenter
Akkasali Taranath	9/16/2022, 6:52:50 PM	9/16/2022, 8:43:56 PM	1h 51m	Attendee
Usha Rani	9/16/2022, 6:53:07 PM	9/16/2022, 9:11:56 PM	2h 18m	Attendee

Venkatesh K C	9/16/2022, 6:53:29 PM	9/16/2022, 9:11:20 PM	2h 17m	Attendee
S Naveen	9/16/2022, 6:55:19 PM	9/16/2022, 8:21:50 PM	1h 26m	Attendee
Dr V Naga Prasad Naidu	9/16/2022, 6:58:39 PM	9/16/2022, 9:05:22 PM	2h 6m	Attendee
BALARAJ V	9/16/2022, 6:59:51 PM	9/16/2022, 9:11:11 PM	2h 11m	Attendee
Manjunatha E	9/16/2022, 7:03:10 PM	9/16/2022, 9:11:56 PM	2h 8m	Attendee
Vijayendra Kukanur	9/16/2022, 7:06:07 PM	9/16/2022, 7:11:35 PM	5m 27s	Attendee
Dr. Yadavalli Basavaraj	9/16/2022, 7:06:11 PM	9/16/2022, 7:16:09 PM	9m 57s	Presenter
Dr. Yadavalli Basavaraj	9/16/2022, 7:17:47 PM	9/16/2022, 7:25:43 PM	7m 55s	Presenter
Vinay HB	9/16/2022, 7:06:24 PM	9/16/2022, 8:46:16 PM	1h 39m	Attendee
ganesha B (Guest)	9/16/2022, 7:08:45 PM	9/16/2022, 9:11:25 PM	2h 2m	Attendee
Dr. Kori Nagaraj (Guest)	9/16/2022, 7:09:00 PM	9/16/2022, 9:11:56 PM	2h 2m	Attendee
Vijayendra Kukanur	9/16/2022, 7:12:11 PM	9/16/2022, 7:20:04 PM	7m 52s	Attendee
Mallu Hunasikatti	9/16/2022, 7:12:56 PM	9/16/2022, 9:11:38 PM	1h 58m	Attendee
Janamatti	9/16/2022, 7:17:44 PM	9/16/2022, 8:30:20 PM	1h 12m	Attendee
Fharukh	9/16/2022, 7:23:24 PM	9/16/2022, 9:11:56 PM	1h 48m	Attendee
Preetham T	9/16/2022, 7:27:51 PM	9/16/2022, 9:11:25 PM	1h 43m	Attendee
G HAREESHA	9/16/2022, 7:36:59 PM	9/16/2022, 8:06:04 PM	29m 4s	Attendee
G HAREESHA	9/16/2022, 8:07:54 PM	9/16/2022, 8:11:45 PM	3m 51s	Attendee
G HAREESHA	9/16/2022, 8:13:54 PM	9/16/2022, 8:25:51 PM	11m 57s	Attendee
G HAREESHA	9/16/2022, 8:29:22 PM	9/16/2022, 8:31:04 PM	1m 41s	Attendee
G HAREESHA	9/16/2022, 8:34:06 PM	9/16/2022, 8:37:46 PM	3m 39s	Attendee
G HAREESHA	9/16/2022, 8:54:37 PM	9/16/2022, 9:11:56 PM	17m 18s	Attendee
shivakumar	9/16/2022, 7:44:47 PM	9/16/2022, 8:01:52 PM	17m 5s	Attendee
shivakumar	9/16/2022, 8:07:05 PM	9/16/2022, 9:11:56 PM	1h 4m	Attendee
Janamatti	9/16/2022, 8:43:01 PM	9/16/2022, 8:46:57 PM	3m 56s	Attendee
Janamatti	9/16/2022, 8:49:02 PM	9/16/2022, 9:11:56 PM	22m 53s	Attendee
Dr.Banakara Nagaraj	9/16/2022, 8:56:05 PM	9/16/2022, 9:11:38 PM	15m 32s	Attendee

**Meeting Summary** 

Total Number of Participants 39

Meeting Title General

Meeting Start Time 9/17/2022, 6:31:52 PM Meeting End Time 9/17/2022, 8:45:24 PM

Meeting Id be30d209-1eb6-44c4-a11c-67281859bd4f

Full Name	Join Time	Leave Time	Duration	Role	Participant ID (UPN)
Pavan B S	9/17/2022, 6:31:52 PM	9/17/2022, 7:31:31 PM	59m 38s	Presenter	pavan.bs@bitm.edu.in
Pavan B S	9/17/2022, 7:32:50 PM	9/17/2022, 8:45:24 PM	1h 12m	Presenter	pavan.bs@bitm.edu.in
RANJITH R HOMBAL	9/17/2022, 6:34:43 PM	9/17/2022, 8:45:24 PM	2h 10m	Attendee	
Raghavendra Setty G	9/17/2022, 6:36:29 PM	9/17/2022, 8:45:24 PM	2h 8m	Organizer	raghavendrasetty@bitm.edu.in
Dr. Yadavalli Basavaraj (Guest)	9/17/2022, 6:36:41 PM	9/17/2022, 6:49:42 PM	13m 1s	Presenter	
Mr. Shekar K	9/17/2022, 6:37:10 PM	9/17/2022, 8:45:24 PM	2h 8m	Presenter	shekar@bitm.edu.in
Akkasali Taranath	9/17/2022, 6:39:30 PM	9/17/2022, 8:04:47 PM	1h 25m	Attendee	a.taranath@bitm.edu.in
Janamatti	9/17/2022, 6:39:31 PM	9/17/2022, 7:11:12 PM	31m 40s	Attendee	
Dr Manjunatha Kondekal	9/17/2022, 6:39:39 PM	9/17/2022, 8:45:24 PM	2h 5m	Attendee	manjunatha.kondekal@rymec.in
Dr. B.Anjaneyulu	9/17/2022, 6:40:18 PM	9/17/2022, 8:45:24 PM	2h 5m	Attendee	
PARVEEZ	9/17/2022, 6:40:36 PM	9/17/2022, 8:45:24 PM	2h 4m	Attendee	
Om Prakash Singh, Associate Pro	9/17/2022, 6:41:37 PM	9/17/2022, 8:43:40 PM	2h 2m	Presenter	opsingh.mec@iitbhu.ac.in
Mallikarjuna Y	9/17/2022, 6:41:37 PM	9/17/2022, 8:45:24 PM	2h 3m	Attendee	
Dr. Prasanna Kumar S C (Guest)	9/17/2022, 6:41:57 PM	9/17/2022, 8:44:14 PM	2h 2m	Attendee	
Nagamadhu M	9/17/2022, 6:42:51 PM	9/17/2022, 8:45:24 PM	2h 2m	Attendee	
Vinay HB	9/17/2022, 6:43:12 PM	9/17/2022, 7:05:57 PM	22m 44s	Attendee	admin@Enggcollege.onmicrosoft.
Venkatesh K C	9/17/2022, 6:44:05 PM	9/17/2022, 8:45:18 PM	2h 1m	Attendee	venkatesh.kc@bitm.edu.in
shivakumar	9/17/2022, 6:44:27 PM	9/17/2022, 8:45:24 PM	2h	Attendee	
ganesha B (Guest)	9/17/2022, 6:48:31 PM	9/17/2022, 8:45:24 PM	1h 56m	Attendee	
Usha Rani	9/17/2022, 6:48:52 PM	9/17/2022, 8:45:24 PM	1h 56m	Attendee	
Raghavendra H	9/17/2022, 6:49:52 PM	9/17/2022, 8:45:20 PM	1h 55m	Attendee	raghavendrah@mits.ac.in
Mr. Anil Kumar H.M	9/17/2022, 6:52:48 PM	9/17/2022, 8:36:13 PM	1h 43m	Attendee	anilkumar@bitm.edu.in
Dr. Kori Nagaraj (Guest)	9/17/2022, 6:53:01 PM	9/17/2022, 8:08:53 PM	1h 15m	Attendee	
Vaddin Chetan (Guest)	9/17/2022, 6:53:37 PM	9/17/2022, 8:08:49 PM	1h 15m	Attendee	
Vijayendra Kukanur	9/17/2022, 6:58:00 PM	9/17/2022, 8:05:10 PM	1h 7m	Attendee	
Mallu Hunasikatti	9/17/2022, 6:58:38 PM	9/17/2022, 8:45:24 PM	1h 46m	Attendee	

Preetham T	9/17/2022, 7:00:49 PM	9/17/2022, 8:45:24 PM	1h 44m	Attendee	
S Naveen	9/17/2022, 7:01:34 PM	9/17/2022, 7:21:40 PM	20m 6s	Attendee	
G HAREESHA	9/17/2022, 7:06:13 PM	9/17/2022, 8:45:24 PM	1h 39m	Attendee	
Dr S Ajith Arul Daniel (Guest)	9/17/2022, 7:11:39 PM	9/17/2022, 8:45:24 PM	1h 33m	Attendee	
Janamatti	9/17/2022, 7:13:37 PM	9/17/2022, 7:44:44 PM	31m 7s	Attendee	
Janamatti	9/17/2022, 7:45:55 PM	9/17/2022, 8:45:24 PM	59m 29s	Attendee	
SURESH K	9/17/2022, 7:15:54 PM	9/17/2022, 7:27:29 PM	11m 34s	Attendee	
Lakshmana Naik T K	9/17/2022, 7:16:40 PM	9/17/2022, 8:45:24 PM	1h 28m	Attendee	
Dr. Sachidananda K B	9/17/2022, 7:16:55 PM	9/17/2022, 8:43:47 PM	1h 26m	Attendee	
Manjunatha E	9/17/2022, 7:22:40 PM	9/17/2022, 8:36:03 PM	1h 13m	Attendee	manjunatha.e@bitm.edu.in
Manjunatha E	9/17/2022, 8:37:08 PM	9/17/2022, 8:40:40 PM	3m 31s	Attendee	manjunatha.e@bitm.edu.in
Manjunatha E	9/17/2022, 8:42:40 PM	9/17/2022, 8:45:24 PM	2m 44s	Attendee	manjunatha.e@bitm.edu.in
Fharukh	9/17/2022, 7:23:36 PM	9/17/2022, 8:45:24 PM	1h 21m	Attendee	
BALARAJ V	9/17/2022, 7:23:49 PM	9/17/2022, 8:45:24 PM	1h 21m	Attendee	
Bhuvaneshwari Alias Sunita Kul	k; 9/17/2022, 7:41:01 PM	9/17/2022, 8:45:24 PM	1h 4m	Attendee	
Dr Banakara Nagaraj	9/17/2022, 7:41:53 PM	9/17/2022, 8:43:56 PM	1h 2m	Attendee	
Dr V Naga Prasad Naidu	9/17/2022, 8:21:22 PM	9/17/2022, 8:45:24 PM	24m 2s	Attendee	



**Meeting Summary** 

Total Number of Participants 115

Meeting Title General

 Meeting Start Time
 9/18/2022, 6:41:55 PM

 Meeting End Time
 9/18/2022, 9:51:37 PM

Meeting Id 1d8bc829-23fc-4ef5-9fc6-29e9ad337b20

Full Name	Join Time	Leave Time	Duration	Role	
Raghavendra Setty G	9/18/2022, 6:41:55 PM	9/18/2022, 6:44:04 PM	2m 9s	Organizer	
Raghavendra Setty G	9/18/2022, 6:46:08 PM	9/18/2022, 9:51:37 PM	3h 5m	Organizer	
Dr S Ajith Arul Daniel (Guest)	9/18/2022, 6:42:02 PM	9/18/2022, 9:26:20 PM	2h 44m	Attendee	
Bhuvaneshwari Alias Sunita Kulka	ar 9/18/2022, 6:42:06 PM	9/18/2022, 9:51:37 PM	3h 9m	Attendee	
Mr. Shekar K	9/18/2022, 6:42:07 PM	9/18/2022, 9:51:37 PM	3h 9m	Presenter	
Dr. Prasanna Kumar S C (Guest)	9/18/2022, 6:42:08 PM	9/18/2022, 7:38:01 PM	55m 53s	Attendee	
Dr. Prasanna Kumar S C (Guest)	9/18/2022, 7:42:38 PM	9/18/2022, 9:45:39 PM	2h 3m	Attendee	
Mallikarjuna Y	9/18/2022, 6:42:09 PM	9/18/2022, 9:51:37 PM	3h 9m	Attendee	
Preetham T	9/18/2022, 6:46:46 PM	9/18/2022, 7:04:28 PM	17m 41s	Attendee	
S Naveen	9/18/2022, 6:46:59 PM	9/18/2022, 7:10:28 PM	23m 28s	Attendee	
Akkasali Taranath	9/18/2022, 6:47:33 PM	9/18/2022, 7:15:09 PM	27m 35s	Attendee	ï
Dr Manjunatha Kondekal	9/18/2022, 6:47:50 PM	9/18/2022, 9:51:37 PM	3h 3m	Attendee	
Janamatti	9/18/2022, 6:47:54 PM	9/18/2022, 8:38:45 PM	1h 50m	Attendee	
Mr. Shivarama Krishna A	9/18/2022, 6:47:59 PM	9/18/2022, 9:34:09 PM	2h 46m	Presenter	:
Usha Rani	9/18/2022, 6:48:47 PM	9/18/2022, 9:51:37 PM	3h 2m	Attendee	
Raghavendra H	9/18/2022, 6:52:43 PM	9/18/2022, 9:34:21 PM	2h 41m	Attendee	
Dr. B.Anjaneyulu	9/18/2022, 6:54:41 PM	9/18/2022, 9:51:37 PM	2h 56m	Attendee	
Vaddin Chetan (Guest)	9/18/2022, 6:55:25 PM	9/18/2022, 8:40:11 PM	1h 44m	Attendee	
BALARAJ V	9/18/2022, 6:55:31 PM	9/18/2022, 9:51:24 PM	2h 55m	Attendee	
Rajaguru K	9/18/2022, 6:59:32 PM	9/18/2022, 7:25:15 PM	25m 42s	Attendee	
Rajaguru K	9/18/2022, 7:26:58 PM	9/18/2022, 7:49:56 PM	22m 58s	Attendee	
Jayaganthan (Guest)	9/18/2022, 7:00:34 PM	9/18/2022, 9:51:37 PM	2h 51m	Presenter	
RANJITH R HOMBAL	9/18/2022, 7:03:05 PM	9/18/2022, 8:04:55 PM	1h 1m	Attendee	
Lakshmana Naik T K	9/18/2022, 7:05:18 PM	9/18/2022, 9:51:37 PM	2h 46m	Attendee	
PARVEEZ	9/18/2022, 7:06:42 PM	9/18/2022, 9:00:40 PM	1h 53m	Attendee	
Venkatesh K C	9/18/2022, 7:06:58 PM	9/18/2022, 9:51:37 PM	2h 44m	Attendee	,

Manjunatha E	9/18/2022, 7:08:11 PM	9/18/2022, 8:41:25 PM	1h 33m	Presenter
Ram (Guest)	9/18/2022, 7:09:53 PM	9/18/2022, 9:51:19 PM	2h 41m	Presenter
Dr.hariharan vuppala	9/18/2022, 7:10:44 PM	9/18/2022, 7:13:12 PM	2m 28s	Presenter
shivakumar	9/18/2022, 7:15:40 PM	9/18/2022, 9:46:46 PM	2h 31m	Attendee
suresh K	9/18/2022, 7:15:40 PM	9/18/2022, 9:51:37 PM	2h 35m	Attendee
Dr. Kori Nagaraj (Guest)	9/18/2022, 7:19:06 PM	9/18/2022, 8:40:12 PM	1h 21m	Attendee
S Naveen	9/18/2022, 7:28:46 PM	9/18/2022, 8:00:18 PM	31m 31s	Attendee
Mallu Hunasikatti	9/18/2022, 7:30:08 PM	9/18/2022, 9:51:37 PM	2h 21m	Attendee
Dr. Yadavalli Basavaraj	9/18/2022, 7:39:49 PM	9/18/2022, 8:07:58 PM	28m 8s	Presenter
Preetham T	9/18/2022, 7:48:57 PM	9/18/2022, 9:51:37 PM	2h 2m	Attendee
S Naveen	9/18/2022, 8:01:40 PM	9/18/2022, 8:09:00 PM	7m 20s	Attendee
yogeshwaran velmurugan	9/18/2022, 8:06:00 PM	9/18/2022, 8:14:20 PM	8m 19s	Attendee
PRADEEP KUMAR SASTRA (Guest)	9/18/2022, 8:08:07 PM	9/18/2022, 9:51:37 PM	1h 43m	Attendee
RANJITH R HOMBAL	9/18/2022, 8:08:54 PM	9/18/2022, 8:42:25 PM	33m 31s	Attendee
Vinay HB	9/18/2022, 8:10:30 PM	9/18/2022, 9:16:36 PM	1h 6m	Attendee
Vinay HB	9/18/2022, 9:22:06 PM	9/18/2022, 9:51:37 PM	29m 31s	Attendee
Athi Sankar	9/18/2022, 8:10:47 PM	9/18/2022, 9:51:37 PM	1h 40m	Attendee
Dr.hariharan vuppala	9/18/2022, 8:11:17 PM	9/18/2022, 9:22:14 PM	1h 10m	Attendee
NANDHA ENGINEERING COLLEGE	(9/18/2022, 8:12:44 PM	9/18/2022, 9:51:37 PM	1h 38m	Attendee
Arun K L - [CB.EN.D*MEE21001-PT	9/18/2022, 8:20:38 PM	9/18/2022, 8:48:45 PM	28m 6s	Attendee
Sethupathi (Guest)	9/18/2022, 8:20:45 PM	9/18/2022, 9:34:43 PM	1h 13m	Attendee
Dr Vignesh K	9/18/2022, 8:22:40 PM	9/18/2022, 8:49:51 PM	27m 10s	Attendee
Sivaraj C 22121036	9/18/2022, 8:23:21 PM	9/18/2022, 9:42:53 PM	1h 19m	Attendee
Naveen Kumar S N (Guest)	9/18/2022, 8:23:45 PM	9/18/2022, 9:51:35 PM	1h 27m	Attendee
Sathish Kumar (Guest)	9/18/2022, 8:24:09 PM	9/18/2022, 9:26:15 PM	1h 2m	Attendee
Edwin Paul N E	9/18/2022, 8:24:32 PM	9/18/2022, 9:51:37 PM	1h 27m	Attendee
Mech Rajan	9/18/2022, 8:24:33 PM	9/18/2022, 9:51:37 PM	1h 27m	Attendee
T JAGADESH	9/18/2022, 8:24:37 PM	9/18/2022, 9:33:22 PM	1h 8m	Attendee
Dr Ramesh Babu	9/18/2022, 8:26:02 PM	9/18/2022, 9:51:37 PM	1h 25m	Attendee
IMMT K J Sankaran	9/18/2022, 8:26:05 PM	9/18/2022, 8:49:35 PM	23m 30s	Attendee
balakrishnan	9/18/2022, 8:26:15 PM	9/18/2022, 9:51:37 PM	1h 25m	Attendee
G HAREESHA	9/18/2022, 8:26:50 PM	9/18/2022, 8:56:19 PM	29m 28s	Attendee
B Suresha	9/18/2022, 8:27:23 PM	9/18/2022, 8:45:00 PM	17m 37s	Attendee
wilson	9/18/2022, 8:27:24 PM	9/18/2022, 9:27:57 PM	1h	Attendee

yogeshwaran velmurugan	9/18/2022, 8:27:24 PM	9/18/2022, 8:29:24 PM	2m	Presenter	
MANOJ KUMAR S	9/18/2022, 8:27:24 PM	9/18/2022, 9:06:24 PM	38m 59s	Attendee	
Amrishraj	9/18/2022, 8:27:31 PM	9/18/2022, 9:28:04 PM	<b>1</b> h	Attendee	
ABINAYA M	9/18/2022, 8:27:55 PM	9/18/2022, 9:47:04 PM	1h 19m	Attendee	
ANIL CHANDRA (Guest)	9/18/2022, 8:27:58 PM	9/18/2022, 9:28:42 PM	<b>1</b> h	Attendee	
Vipindas K (Guest)	9/18/2022, 8:28:14 PM	9/18/2022, 8:38:07 PM	9m 53s	Attendee	
Vipindas K (Guest)	9/18/2022, 8:58:36 PM	9/18/2022, 9:30:14 PM	31m 37s	Attendee	
Rajasekaran T	9/18/2022, 8:28:28 PM	9/18/2022, 9:51:37 PM	1h 23m	Attendee	
Capt.Dr.A.Suresh babu (Guest)	9/18/2022, 8:28:31 PM	9/18/2022, 9:51:37 PM	1h 23m	Attendee	
SURESH M	9/18/2022, 8:28:36 PM	9/18/2022, 9:51:27 PM	1h 22m	Attendee	
S ANUSUYA RANI	9/18/2022, 8:29:16 PM	9/18/2022, 9:51:37 PM	1h 22m	Attendee	
Dr. Jonah (Guest)	9/18/2022, 8:29:16 PM	9/18/2022, 8:33:53 PM	4m 36s	Attendee	
Dr.channabasavaraj.s	9/18/2022, 8:31:28 PM	9/18/2022, 8:57:20 PM	25m 51s	Attendee	
Dr.channabasavaraj.s	9/18/2022, 9:14:02 PM	9/18/2022, 9:48:17 PM	34m 14s	Attendee	
Gokilakrishnan Gopal	9/18/2022, 8:31:29 PM	9/18/2022, 9:51:25 PM	1h 19m	Attendee	
Dr. N. Pragadish (Guest)	9/18/2022, 8:31:29 PM	9/18/2022, 9:30:06 PM	58m 36s	Attendee	
Bala Manikandan C	9/18/2022, 8:31:30 PM	9/18/2022, 8:51:32 PM	20m 2s	Attendee	
Bakkiyaraj M	9/18/2022, 8:31:30 PM	9/18/2022, 9:51:37 PM	1h 20m	Attendee	
bhaskarreddy r	9/18/2022, 8:31:30 PM	9/18/2022, 9:51:37 PM	1h 20m	Attendee	
MATHAN KUMAR	9/18/2022, 8:31:30 PM	9/18/2022, 9:16:01 PM	44m 30s	Attendee	
Dr. K S Narayana swamy	9/18/2022, 8:31:31 PM	9/18/2022, 8:31:49 PM	17s	Presenter	
cva (Guest)	9/18/2022, 8:31:31 PM	9/18/2022, 9:51:37 PM	1h 20m	Attendee	
yogeshwaran velmurugan	9/18/2022, 8:31:39 PM	9/18/2022, 9:51:37 PM	1h 19m	Attendee	
Arun S - [CB.EN.D*MEE19002-PT]	9/18/2022, 8:32:15 PM	9/18/2022, 9:51:24 PM	1h 19m	Attendee	
Dayanand Goudar	9/18/2022, 8:32:31 PM	9/18/2022, 9:51:09 PM	1h 18m	Attendee	
V.Paramasivam	9/18/2022, 8:33:13 PM	9/18/2022, 8:37:11 PM	3m 57s	Attendee	
Dr V Muthukumar (Guest)	9/18/2022, 8:33:25 PM	9/18/2022, 9:50:04 PM	1h 16m	Attendee	
Somasundar B	9/18/2022, 8:33:25 PM	9/18/2022, 9:45:31 PM	1h 12m	Attendee	
Gokila	9/18/2022, 8:33:26 PM	9/18/2022, 9:51:37 PM	1h 18m	Attendee	
Shirish Subhash Mane	9/18/2022, 8:33:32 PM	9/18/2022, 8:38:19 PM	4m 47s	Attendee	
Dr. Raju B S	9/18/2022, 8:33:40 PM	9/18/2022, 8:36:22 PM	2m 42s	Attendee	
"Dr S Shashi Kumar (Guest)"	9/18/2022, 8:33:41 PM	9/18/2022, 9:49:54 PM	1h 16m	Attendee	
Dr. Venkata Ramana. V	9/18/2022, 8:33:57 PM	9/18/2022, 8:37:21 PM	3m 23s	Presenter	
Dr Raju B S (Guest)	9/18/2022, 8:34:05 PM	9/18/2022, 9:51:37 PM	1h 17m	Attendee	

Dr. Jonah (Guest)	9/18/2022, 8:35:46 PM	9/18/2022, 9:20:00 PM	44m 13s	Attendee
RANJITH R HOMBAL	9/18/2022, 8:57:24 PM	9/18/2022, 9:48:26 PM	51m 1s	Attendee
Ashok Kumar	9/18/2022, 8:58:35 PM	9/18/2022, 9:51:37 PM	53m 1s	Attendee
Dr R Buvaneswari	9/18/2022, 8:58:36 PM	9/18/2022, 9:51:37 PM	53m 1s	Attendee
Pooja A (Guest)	9/18/2022, 8:58:36 PM	9/18/2022, 9:01:37 PM	3m 1s	Attendee
Navin kumar	9/18/2022, 8:58:36 PM	9/18/2022, 9:51:37 PM	53m 1s	Attendee
Vipindas K (Guest)	9/18/2022, 8:58:36 PM	9/18/2022, 9:30:14 PM	31m 37s	Attendee
Pandithevan Ponnusamy	9/18/2022, 8:58:37 PM	9/18/2022, 9:26:30 PM	27m 53s	Attendee
KPR (Guest)	9/18/2022, 8:58:37 PM	9/18/2022, 9:51:20 PM	52m 43s	Attendee
Dr. Ramu M (Mech)	9/18/2022, 8:58:37 PM	9/18/2022, 9:10:05 PM	11m 27s	Attendee
Dr. Ramu M (Mech)	9/18/2022, 9:11:31 PM	9/18/2022, 9:51:36 PM	40m 5s	Attendee
Dr. Sudheer Reddy	9/18/2022, 8:58:37 PM	9/18/2022, 9:20:44 PM	22m 6s	Attendee
VEERIA CHANDRAN S (Guest)	9/18/2022, 8:58:46 PM	9/18/2022, 9:26:23 PM	27m 37s	Attendee
RAMESH BILLIE	9/18/2022, 8:59:40 PM	9/18/2022, 9:02:58 PM	3m 18s	Attendee
benny	9/18/2022, 8:59:45 PM	9/18/2022, 9:51:37 PM	51m 52s	Attendee
Fharukh	9/18/2022, 9:03:25 PM	9/18/2022, 9:51:37 PM	48m 12s	Attendee
SIVANESH A R	9/18/2022, 9:03:30 PM	9/18/2022, 9:51:26 PM	47m 56s	Attendee
Vasanth	9/18/2022, 9:03:43 PM	9/18/2022, 9:51:37 PM	47m 53s	Attendee
Ragavi	9/18/2022, 9:04:08 PM	9/18/2022, 9:51:37 PM	47m 28s	Attendee
Jagadeesh B	9/18/2022, 9:10:41 PM	9/18/2022, 9:51:37 PM	40m 55s	Attendee
Vijayendra Kukanur	9/18/2022, 9:13:02 PM	9/18/2022, 9:15:13 PM	2m 11s	Attendee
mohanavel.mech biher	9/18/2022, 9:13:42 PM	9/18/2022, 9:34:03 PM	20m 21s	Attendee
Senniangiri. N	9/18/2022, 9:21:27 PM	9/18/2022, 9:51:37 PM	30m 10s	Attendee
Dr. M. Kathiresan	9/18/2022, 9:22:00 PM	9/18/2022, 9:51:24 PM	29m 24s	Attendee
Naveen Kumar C	9/18/2022, 9:22:11 PM	9/18/2022, 9:27:58 PM	5m 47s	Attendee
Dr.hariharan vuppala	9/18/2022, 9:27:24 PM	9/18/2022, 9:28:13 PM	48s	Attendee
Dr.hariharan vuppala	9/18/2022, 9:34:01 PM	9/18/2022, 9:51:37 PM	17m 36s	Attendee
Vijayendra Kukanur	9/18/2022, 9:34:03 PM	9/18/2022, 9:51:37 PM	17m 33s	Attendee

Participant ID (UPN) raghavendrasetty@bitm.edu.in raghavendrasetty@bitm.edu.in

shekar@bitm.edu.in

a.taranath@bitm.edu.in manjunatha.kondekal@rymec.in

shivaramakrishna@bitm.edu.in

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414119051@nitt.edu

mohanavel.mech@bharathuniv.ac.in

naveenkumar.c2021@vitstudent.ac.in

**Meeting Summary** 

Total Number of Participants 38
Meeting Title General

Meeting Start Time 9/19/2022, 6:26:33 PM Meeting End Time 9/20/2022, 5:45:47 AM

Meeting Id 7c-ad5a-4fe6-ae6f-d4c61c9fc1ac

Full Name	Join Time	Leave Time	Duration	Role
Mr. Shekar K	9/19/2022, 6:26:33 PM	9/19/2022, 6:33:45 PM	7m 11s	Presenter
Mr. Shekar K	9/19/2022, 6:44:11 PM	9/19/2022, 8:59:05 PM	2h 14m	Presenter
Pavan B S	9/19/2022, 6:27:02 PM	9/19/2022, 6:33:52 PM	6m 49s	Presenter
Pavan B S	9/19/2022, 6:43:24 PM	9/19/2022, 8:48:19 PM	2h 4m	Presenter
Pavan B S	9/19/2022, 8:50:08 PM	9/19/2022, 8:57:10 PM	7m 2s	Presenter
Eswara Prasad Korimilli	9/19/2022, 6:29:48 PM	9/19/2022, 6:32:26 PM	2m 37s	Presenter
Eswara Prasad Korimilli	9/19/2022, 6:50:54 PM	9/19/2022, 8:56:40 PM	2h 5m	Presenter
Dr. Prasanna Kumar S C (Guest)	9/19/2022, 6:44:53 PM	9/19/2022, 8:56:48 PM	2h 11m	Attendee
Mallikarjuna Y	9/19/2022, 6:44:55 PM	9/19/2022, 9:37:46 PM	2h 52m	Attendee
Raghavendra Setty G	9/19/2022, 6:45:33 PM	9/19/2022, 8:49:28 PM	2h 3m	Organizer
Raghavendra Setty G	9/19/2022, 9:20:16 PM	9/19/2022, 9:21:12 PM	56s	Organizer
Raghavendra Setty G	9/19/2022, 9:22:28 PM	9/19/2022, 9:25:48 PM	3m 20s	Organizer
Raghavendra Setty G	9/19/2022, 9:27:28 PM	9/19/2022, 9:30:58 PM	3m 30s	Organizer
Raghavendra Setty G	9/19/2022, 9:32:34 PM	9/19/2022, 9:33:28 PM	54s	Organizer
G HAREESHA	9/19/2022, 6:47:44 PM	9/19/2022, 8:33:30 PM	1h 45m	Attendee
Raghavendra H	9/19/2022, 6:50:20 PM	9/19/2022, 8:56:53 PM	2h 6m	Attendee
shivakumar	9/19/2022, 6:52:49 PM	9/19/2022, 6:59:59 PM	7m 9s	Attendee
Manjunatha E	9/19/2022, 6:53:13 PM	9/19/2022, 7:14:17 PM	21m 3s	Attendee
Manjunatha E	9/19/2022, 7:16:23 PM	9/19/2022, 8:20:09 PM	1h 3m	Attendee
Manjunatha E	9/19/2022, 8:51:30 PM	9/19/2022, 9:01:20 PM	9m 50s	Attendee
Usha Rani	9/19/2022, 6:54:25 PM	9/19/2022, 9:15:04 PM	2h 20m	Attendee
BALARAJ V	9/19/2022, 6:55:19 PM	9/19/2022, 8:56:43 PM	2h 1m	Attendee
Janamatti	9/19/2022, 6:55:34 PM	9/19/2022, 8:08:33 PM	1h 12m	Attendee
Janamatti	9/19/2022, 8:11:07 PM	9/19/2022, 9:00:29 PM	49m 22s	Attendee
Mallu Hunasikatti	9/19/2022, 6:55:43 PM	9/19/2022, 9:01:04 PM	2h 5m	Attendee
Mr. Anil Kumar H.M	9/19/2022, 6:56:25 PM	9/19/2022, 7:39:35 PM	43m 10s	Attendee

Dr. SURESH K	9/19/2022, 6:56:47 PM	9/19/2022, 8:08:02 PM	1h 11m	Attendee
Lakshmana Nayak T K	9/19/2022, 7:00:28 PM	9/19/2022, 9:05:07 PM	2h 4m	Attendee
Bhuvaneshwari Alias Sunita Kulkarı	9/19/2022, 7:01:05 PM	9/19/2022, 9:09:15 PM	2h 8m	Attendee
Venkatesh K C	9/19/2022, 7:01:51 PM	9/19/2022, 9:04:41 PM	2h 2m	Attendee
Akkasali Taranath	9/19/2022, 7:01:54 PM	9/19/2022, 7:43:18 PM	41m 24s	Attendee
Dr Manjunatha Kondekal	9/19/2022, 7:05:42 PM	9/19/2022, 9:26:34 PM	2h 20m	Attendee
shivakumar	9/19/2022, 7:06:26 PM	9/19/2022, 7:27:14 PM	20m 47s	Attendee
Vijayendra Kukanur	9/19/2022, 7:07:14 PM	9/19/2022, 7:30:31 PM	23m 16s	Attendee
PARVEEZ	9/19/2022, 7:10:10 PM	9/19/2022, 9:08:17 PM	1h 58m	Attendee
RANJITH R HOMBAL	9/19/2022, 7:12:48 PM	9/19/2022, 8:20:44 PM	1h 7m	Attendee
Dr S Ajith Arul Daniel (Guest)	9/19/2022, 7:27:36 PM	9/19/2022, 8:05:53 PM	38m 16s	Attendee
Vijayendra Kukanur	9/19/2022, 7:28:01 PM	9/19/2022, 7:45:13 PM	17m 12s	Attendee
shivakumar	9/19/2022, 7:30:04 PM	9/19/2022, 7:32:14 PM	2m 10s	Attendee
shivakumar	9/19/2022, 7:35:00 PM	9/19/2022, 8:42:59 PM	1h 7m	Attendee
Preetham T	9/19/2022, 7:32:34 PM	9/19/2022, 8:43:56 PM	1h 11m	Attendee
Dr. B.Anjaneyulu	9/19/2022, 7:39:59 PM	9/20/2022, 5:45:47 AM	10h 5m	Attendee
S Naveen	9/19/2022, 7:45:52 PM	9/19/2022, 8:31:41 PM	45m 48s	Attendee
S Naveen	9/19/2022, 8:34:09 PM	9/19/2022, 8:57:31 PM	23m 21s	Attendee
Vijayendra Kukanur	9/19/2022, 7:47:28 PM	9/19/2022, 7:50:09 PM	2m 41s	Attendee
Fharukh	9/19/2022, 7:47:55 PM	9/19/2022, 9:29:51 PM	1h 41m	Attendee
Vijayendra Kukanur	9/19/2022, 7:57:25 PM	9/19/2022, 8:08:41 PM	11m 15s	Presenter
Dr. SURESH K	9/19/2022, 8:20:57 PM	9/19/2022, 8:56:46 PM	35m 49s	Attendee
G HAREESHA	9/19/2022, 8:43:47 PM	9/19/2022, 9:04:33 PM	20m 46s	Attendee
Preetham T	9/19/2022, 8:46:54 PM	9/19/2022, 8:57:30 PM	10m 36s	Attendee
shivakumar	9/19/2022, 8:47:00 PM	9/19/2022, 8:59:03 PM	12m 3s	Attendee

# BALLARI INSTITUE OF TECHNOLOGY AND MANAGEMENT Attendance of Participants 26th Sept to 30 Sept 2022 Atal FDP on Advances in Additive Manufacturing.

SI.	Full Name	26.09	.2022	27.09	.2022	28.09	.2022	29.09	.2022	30.09	.2022
No.	ruii Name	Mrng	Aftr								
1	Mr. MANJUNATHA E	Р	Р	AB	Р	Р	Р	Р	Р	Р	Р
2	Dr. Vaddin Chetan	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
3	Dr. Kori Nagaraj	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
4	Dr. Santosh Janamatti	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
5	Dr. Manjunatha Kondekal	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
6	Mr. AKKASALI TARANATH	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
7	Mr. Sharmas Vali S	Р	Р	Р	Р	Р	Р	AB	Р	Р	Р
8	Dr. Dr. H.M.Anil Kumar	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
9	Dr. Chitriki Thotappa	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
10	Dr. BALARAJ V	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
11	Mr. MALLIKARJUNA.Y	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
12	Dr. Vinay HB	Р	Р	Р	Р	Р	Р	AB	Р	Р	Р
13	Mrs. Bhuvaneshwari Alias Sunita Kulkarni	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
14	Mr. FHARUKH AHMED G M	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
15	Mr. S Naveen	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
16	Mr. Lakshmana Naik T K	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
17	Dr. HAREESHA G	Р	Р	Р	Р	Р	Р	AB	Р	Р	Р
18	Dr. GANESHA B	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
19	Mr. Shekar	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
20	Mr. VIJAYENDRA KUKANUR	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
21	Dr. Sachidananda K B	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
22	Dr. Pavana Kumara	Р	Р	Р	Р	AB	Р	Р	Р	Р	Р
23	Dr. B.Anjaneyulu	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
24	Dr. Shivakumar Bilgundi	Р	Р	Р	Р	Р	Р	AB	Р	Р	Р
25	Mrs. MELEKAR USHARANI	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
26	Mr. R SUNIL KUMAR	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р

27	Mrs. chandrakanth khande	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
28	Dr. V Nagaprasad Naidu	Р	Р	Р	AB	Р	AB	Р	Р	Р	Р
29	Mr. MALLAPPA HUNASIKATTI	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
30	Mr. Raghavendra H	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
31	Dr. Banakara Nagaraj	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
32	Dr. AJITH ARUL DANIEL	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
33	Mr. Preetham T	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
34	Mr. Ranjith R Hombal	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
35	Dr. Dr. Prasanna Kumar S C	Р	Р	Р	AB	Р	Р	Р	Р	Р	Р
36	Mr. PARAVEEJ SHIRAHATTI	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
37	Dr. Nagamadhu M	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
38	Mr. Gopi Venkatachalam	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
39	Mr. S.SHANKARANARAYANAN	Р	Р	Р	Р	Р	Р	AB	Р	Р	Р
40	Dr. Suresh K	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
41	Mr. VENKATESH K C	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р
42	Mr. Nithin Joshuva	Р	Р	Р	Р	Р	Р	Р	Р	Р	Р









raghavendrasetty@bitm.edu.in

- Submitted Applications
- Edit Resource Person
- <u>Profile</u>
- <u>FDPs</u>
- <u>Applied Participants</u>
- **Approved Participants**
- Test Marks
- <u>Feedbacks</u>
- <u>Attendance</u>
- <u>Certificate</u>
- Status

# Feedback Details

Thrust Area :	Thrust Areas
Sub-thrust Area :	3D Printing & Design
FDPs Title :	Advances In Additive Manufacturing
FDPs held at (Institute/Organisation Name):	BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT
From:	2022-09-15
То:	2022-09-30
Course Code:	1651742300

- 1. You strongly disagree with the statement
- 2. You disagree with the statement
- 3. You neither agree nor disagree with the statement
- 4. You agree with the statement
- 5. You strongly agree with the statement

About the Content of the FDPs	
The FDPs content was relevant for me	4
The content of the FDPs was very comprehensive	4
The content of the FDPs was not repeated	4
The OVERALL content of the FDPs was excellent	4
About Trainers and Teaching	
The trainers had very strong expertise in the area	4
The trainers had excellent communication skills	4
All the trainers made the FDPs very interesting	4
The trainers were very well prepared for the FDPs	4
About the FDPs	
The FDPs timings were very convenient	4
The pedagogy used in the FDPs was very appropriate	4
There were sufficient breaks in between sessions	5
FDPs Assessment	
The FDPs assessment was very suitable	4
The FDPs assessment was not at all difficult	5

Administrative Support	
I did not face any connectivity issue because of the portal	4
The Audio and Video quality were excellent	4
The registration process was extremely efficient and smooth	4
The ATAL academy website is easy to navigate	5
Information about ATAL academy was easily available	5
OVERALL – how would you rate the FDPs	
Considering your overall with the FDPs, how likely are you to recommend the workshops conducted by ATAL academy to your friend or colleague?  This question is answered on a 10-point scale with 1 being Highly UNLIKELY to Recommend and 10 being Will definitely Recommend	5
Resource Persons	
1st Best resource person/faculty:	Pulak M Pandey
2nd Best resource person/faculty:	T Ram Prabhu







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Profile

**⊕** FDPs

**Applied Participants** 

**Approved Participants** 

Test Marks

Feedbacks

II. <u>Attendance</u>

Certificate

Status

# Feedback Details

Thrust Area :	Thrust Areas
Sub-thrust Area :	3D Printing & Design
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Administrative Support	
I did not face any connectivity issue because of the portal	5
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OVERALL – how would you rate the FDPs	
Considering your overall with the FDPs, how likely are you to recommend the workshops conducted by ATAL academy to your friend or colleague?	5
This question is answered on a 10-point scale with 1 being Highly UNLIKELY to Recommend and 10 being Will definitely Recommend	
Resource Persons	
1st Best resource person/faculty:	Jayaganthan R
2nd Best resource person/faculty:	Y. Ravi Kumar







raghavendrasetty@bitm.edu.in

Submitted Applications
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Edit Resource Person

Profile

**⊕** FDPs

**Applied Participants** 

**Approved Participants** 

Test Marks

<u>Feedbacks</u>

II. Attendance

Certificate

Status

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The FDPs content was relevant for me	5	
The content of the FDPs was very comprehensive	5	
The content of the FDPs was not repeated	5	
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About Trainers and Teaching		
The trainers had very strong expertise in the area	5	
The trainers had excellent communication skills	5	
All the trainers made the FDPs very interesting	5	
The trainers were very well prepared for the FDPs	5	
About the FDPs		
The FDPs timings were very convenient	5	
The pedagogy used in the FDPs was very appropriate	5	
There were sufficient breaks in between sessions	5	
FDPs Assessment		
The FDPs assessment was very suitable	5	
The FDPs assessment was not at all difficult	5	

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The registration process was extremely efficient and smooth	5
The ATAL academy website is easy to navigate	5
Information about ATAL academy was easily available	5
OVERALL – how would you rate the FDPs	
Considering your overall with the FDPs, how likely are you to recommend the workshops conducted by ATAL academy to your friend or colleague?	10
This question is answered on a 10-point scale with 1 being Highly UNLIKELY to Recommend and 10 being Will definitely Recommend	
Resource Persons	
1st Best resource person/faculty:	Y. Ravi Kumar
2nd Best resource person/faculty:	T Ram Prabhu







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Submitted Application	าร
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<u>Edit Resource Person</u>

Profile

**Applied Participants** 

**Approved Participants** 

Test Marks

<u>Feedbacks</u>

**Attendance** 

Certificate

<u>Status</u>

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The registration process was extremely efficient and smooth	5
The ATAL academy website is easy to navigate	5
Information about ATAL academy was easily available	5
OVERALL – how would you rate the FDPs	
Considering your overall with the FDPs, how likely are you to recommend the workshops conducted by ATAL academy to your friend or colleague?	10
This question is answered on a 10-point scale with 1 being Highly UNLIKELY to Recommend and 10 being Will definitely Recommend	
Resource Persons	
1st Best resource person/faculty:	Pooja V Angolkar
2nd Best resource person/faculty:	Raghavendra Joshi







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Submitted Application	าร
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Edit Resource Person

Profile

**Applied Participants** 

**Approved Participants** 

Test Marks

<u>Feedbacks</u>

<u>Attendance</u>

Certificate

Status

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The trainers were very well prepared for the FDPs	5	
About the FDPs		
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The pedagogy used in the FDPs was very appropriate	5	
There were sufficient breaks in between sessions	4	
FDPs Assessment		
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The FDPs assessment was not at all difficult	4	

Administrative Support	
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The Audio and Video quality were excellent	5
The registration process was extremely efficient and smooth	5
The ATAL academy website is easy to navigate	5
Information about ATAL academy was easily available	5
OVERALL – how would you rate the FDPs	
Considering your overall with the FDPs, how likely are you to recommend the workshops conducted by ATAL academy to your friend or colleague?	8
This question is answered on a 10-point scale with 1 being Highly UNLIKELY to Recommend and 10 being Will definitely Recommend	
Resource Persons	
1st Best resource person/faculty:	Om Prakash Singh
2nd Best resource person/faculty:	Ajay Kumar









raghavendrasetty@bitm.edu.in

Submitted Applications
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<u>Profile</u>

<u>FDPs</u>

**Applied Participants** 

**Approved Participants** 

<u>Test Marks</u>

<u>Feedbacks</u>

<u>Attendance</u>

Certificate

<u>Status</u>

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Thrust Area :	Thrust Areas
Sub-thrust Area :	3D Printing & Design
FDPs Title :	Advances In Additive Manufacturing
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The trainers were very well prepared for the FDPs	4	
About the FDPs		
The FDPs timings were very convenient	3	
The pedagogy used in the FDPs was very appropriate	4	
There were sufficient breaks in between sessions	2	
FDPs Assessment		
The FDPs assessment was very suitable	4	
The FDPs assessment was not at all difficult	3	

Administrative Support	
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The Audio and Video quality were excellent	3
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Considering your overall with the FDPs, how likely are you to recommend the workshops conducted by ATAL academy to your friend or colleague?	10
This question is answered on a 10-point scale with 1 being Highly UNLIKELY to Recommend and 10 being Will definitely Recommend	
Resource Persons	
1st Best resource person/faculty:	Ajay Kumar
2nd Best resource person/faculty:	Amit Arora

#### ABOUT FDP:

The FDP will address to individual researchers and institutions interested in the development and/or implementation of 3D Printing technologies. This will give excellent academic forum for sharing knowledge and results in theory, design, methodology and applications of additive manufacturing.

The programme aims to enable participants to learn the applications of 3D Printing in Aerospace, Defense, Medical, Automobile etc.

#### **COURSE CONTENTS:**

- Introduction to Additive Manufacturing (3D Printing) and its Research Directions
- Fundamental Design aspects and parameters involved in Additive Manufacturing.
- Additive Manufacturing Techniques such as; SLA, SLS, PDM, LOM etc.,
- 4. CAD for Additive Manufacturing
- Microstructural aspects of additively manufactured alloys & their Mechanical Properties
- Applications of Additive Manufacturing in Medical, Automobile & Aerospace Industry
- Additive Manufacturing Software & Topology Optimization in Additive Manufacturing.

#### **HOW TO APPLY:**

The interested candidates are required to register for the FDP through following link on or before the last date by following the given steps https://www.aicte-india.org/atal

- Step 1: Register as a participant on ATAL portal
- Step 2: Select FDPs/CPDPs/workshops tab on left side
- Step 3: Select, Type-ATAL, Month-September
- Step 4: Select thrust area Thrust Areas

Step 5: Apply by clicking on the + sign in the workshop showing Title as Advances in Additive Manufacturing (Application No: 1651742300)

The number of participants is limited to 50 and will be selected based on first come first serve basis.

#### **CERTIFICATE:**

The certificates shall be issued to the participants who have attended the program with minimum 80% attendance (Both in Online and Offline) and scored minimum 60% marks in the test. The participants also have to provide compulsory online Feed-back on the last day of FDP.

#### WHO CAN PARTICIPATE?

The faculty members of the AICTE approved institutions, Research Scholars, PG Scholars, participants from Government, Industry (Bureaucrats / Technicians / Participants from Industry etc.) and staff of host institutions not more than 10%.

#### **PATRONS**

Dr. Yashvanth Bhupal Chairman & Director, BITM

Mr. Y.J Prithviraj Bhupal Deputy Director, BITM

#### CHIEF COORDINATOR

Dr. Yadavalli Basavaraj Principal, BITM

#### CO-COORDINATOR

Mr. G Raghavendra Setty Asst. Prof., Dept. of ME, BITM Mob: +91 9686413051

#### CONVENER

Dr. V Venkata Ramana Professor & Head, Dept. of ME, BITM

### ORGANISING COMMITTEE

Dr. B Ganesh, Asso. Professor

Dr. Raju Jadar, Asso. Professor

Dr. Lakshmi Kumari, Asso. Professor

Dr. Banakara Nagaraj, Asso. Professor

Dr. Manjunath T H, Asso. Professor

Dr. Santhosh Janamatti, Asst. Professor

Mr. B Jayaprakash, Asst. Professor

Mr. Vishnu Prasad B, Asst. Professor

Mr. V Srinivasulu, Asst. Professor

Mr. A Shivarama Krishna, Asst. Professor

Mr. K Raghavendra, Asst. Professor

Mr. B K Pavan Kumar, Asst. Professor

Mr. K Shekar, Asst. Professor

Mr. Mayur Pawar D, Asst. Professor

Mr. B P Vijay Kumar, Asst. Professor

Mr. B Maharaja Gouda, Asst. Professor

Mr. Shiva Kumar S Y, Asst. Professor

Mr. Gavisiddappa P, Asst. Professor

Mr. Raghavendra Karnool, Asst. Professor

Mr. Taranath A, Asst. Professor

Mr. Pavan B S, Asst. Professor

Mr. Kalyan Babu, Asst. Professor Mr. Iravva Shikkerimath, Asst. Professor

Mr. K C Venkatesh, Asst. Professor



Basavarajeswari Group of Institutions



# BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT, BALLARI, KARNATAKA

Autonomous Institute under VTU, Belagavi

Two Week FDP Program on

# Advances in Additive Manufacturing

15th to 20th Sept. 2022 (ONLINE) & 26th to 30th Sept. 2022 (Offline)

Sponsored by AICTE Training and Learning Academy (ATAL)



Organized by
Department of Mechanical Engineering

#### BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT

(A Unit of T.E.H.R.D. Trust 6) NBA\* & NAAC A\* and ISO 9001:2015 Certified Institution (Recognized by Govt. of Kamataka, Approved by ARCTE, New Delhi & Affiliated to VTU, Belagawi)

"Jnana Gangotri" Campus, #873/2, Ballari-Hosapete Road, Near Allipura, Ballari - 583 104 (Karnataka) www.bitm.edu.in The primary objective of the ATAL Academy is to plan and help in imparting quality technical education in the country and to support technical institutions in fostering research, innovation and entrepreneurship through training. The online FDP of 2020-21 has been recognized as a world record by World Book of Records, London.

#### **ABOUT BITM**

Ballari Institute of Technology & Management, Ballari (BITM) was established in the year 1997 with a sole objective to provide quality & affordable education, with its forte being accomplished, highly proficient and devoted faculty, with a sound knowledge of the subject, along with an innate desire to go toe to toe with the times and latest developments in emerging fields. The campus spread over 11 acres of greenery, with ecofriendly surroundings, has facilities that are a class apart, combining aesthetics with modernity.

BITM is an Autonomous Institute under VTU, Belagavi.

Institution has actionized outcome based education across the institute & has successfully obtained NAAC A+ Grade with CGPA of 3.27 and NBA Accreditation for 5 UG Programs i.e., CSE, ECE, ME, EEE & Civil.

To adhere to quality, institution is ISO certified since 2005 & currently follows & adheres to the best practices as stipulated by the ISO 9001:2015. Institution conforms to the demanding international standards by creating & implementing a Quality Management System.

#### ABOUT DEPARTMENT

The Dept. of Mechanical Engineering was started in the year 1997. It trains the students with in-depth knowledge of cutting edge technologies by incorporating the necessary programs to enhance creativity, social aware & leadership skills for the overall development is the vision of the department. The course is an outcome based structured to help students to achieve their goal. The Dept. has highly qualified, experienced & dedicated staff members to cater the needs of the students. The Dept. has also VTU Recognised Research Centre and accredited by NBA.

#### Resource Persons & Topic

1st Week Online Mode: 06 Days

Day 1: Thursday, 15/09/2022

Session Topic: Fundamental, Application and Research Directions in Additive Manufacturing

Dr. Pulak M. Pandey

Professor, Dept. of Mech. Engg. Indian Institute of Technology Delhi

Day 2: Friday, 16/09/2022

Session Topic: 3D Printing: The Key Technology in Industry 4.0

Dr. Y. Ravi Kumar

Associate Professor, Dept. of Mech. Engg. National Institute of Technology, Warangal

Day 3: Saturday, 17/09/2022

Session Topic: Design & Topology Optimization for 3D Printing
Dr. Om Prakash Singh

Associate Professor, Dept. of Mech. Engg. Indian Institute of Technology (BHU)

Day 4: Sunday, 18/09/2022

Session Topic: Fatigue Behavior of Additively Manufactured Materials

Dr. Jayaganthan R

Professor, Dept. of Engineering Design, Indian Institute of Technology Madras

Day 5: Monday, 19/09/2022

Session Topic: Microstructural Aspects of Additively Manufactured Alloys & their Mechanical Properties.

Dr. Eswara Prasad K

Assistant Professor, Dept. of Mech. Engg. Indian Institute of Technology Indore

Day 6: Tuesday, 20/09/2022

Session Topic: Additive Manufacturing of Biomedical Implants

Dr. Murugaiyan Amirthalingam

Assisstant Professor, Dept. Metallurgical & Materials Engg Indian Institute of Technology Madras Resource Persons & Topic

2<sup>nd</sup> Week Offline Mode: 05 Days

Day 1: Monday, 26/09/2022

Session Topic: Applications of Additive Manufacturing in Aerospace Industry

Dr. T Ram Prabhu

Joint Director / Scientist E

Defense Research & Development Organization (DRDO)

Day 2: Tuesday, 27/09/2022

Session Topic: Recent Advances & Challenges in Wire Arc Additive Manufacturing (WAAM) of Ferrous & Non Ferrous Materials

Dr. Ajay Kumar

Assistant Professor, Dept. of Mech. Engg. Indian Institute of Technology, Tirupati

Day 3: Wednesday, 28/09/2022

Session Topic: Heat Transfer and Material Flow Modeling of Metal Additive Manufacturing

Dr. Amit Arora

Associate Professor, Dept. of Mech. Engg. Indian Institute of Technology, Gandhinagar

Day 4: Thursday, 29/09/2022

Session Topic: Recent Advances in 3D Metal Additive Manufacturing

Dr. Raghavendra Joshi

Professor & CoE,

Ballari Institute of Technology & Management, Ballari

Day 5: Friday, 30/09/2022

Industrial Visit to JSW Steel Limited, Toranagal, Ballari, Karnataka.



@ 5.00 PM



Travel Back & Feed Back







Autonomous Institute under VTU, Belagavi

Two Week FDP Program on Advances in Additive Manufacturing

Organized by: Dept of Mechanical Engg.

15th to 20th Sept. 2022 (ONLINE)

Sponsored by ATAL (AICTE Training and Learning Academy)







Day 1 (15/09/22)	Day 2 (16/09/22)	Day 3 (17/09/22)	Day 4 (18/09/22)	Day 5 (19/09/22)	Day 6 (2009/22)
Session 1 (I)	Session 2 (I)	Session 3 (I)	Session 4 (I)	Session 5 (I)	Session 6 (I)
(7:00 pm to 7:50 pm)	(7:00 pm to 7:50 pm)				
Session 1 (II)	Session 2 (II)	Session 3 (II)	Session 4 (II)	Session 5 (II)	Session 6 (II)
(8:00 pm to 8:50 pm)	(8:00 pm to 8:50 pm)				
Session 1 Interactions	Session 2 Interactions	Session 3 Interactions	Session 4 Interactions	Session 5 Interactions	Week 1 MCQs
(9:00 pm to 9:30 pm)	(9:00 pm to 9:30 pm)				

Resource Persons:

Day 1: Dr. Pulak M Pandey, IIT Delhi Day 4: Dr. Jayaganthan, IIT Madras

Day 2: Dr. Y Ravi Kumar, NIT Warangal Day 5: Dr. Eswara Prasad K, IIT Indore Day 3: Dr. Om Prakash Singh. IIT (BHU) Day 6: Dr. Murugaiyan A, IIT Madras

## 26th to 30th Sept. 2022 (Offline)

Day 1 (26/09/22)	Day 2 (27/09/22)	Day 3 (28/09/22)	Day 4 (29/09/22)	Day 5 (30/09/22)	Resource Persons:
9:30pm to 12:00 pm Session 7	9:30pm to 12:00 pm Session 9	9:30pm to 12:00 pm Session 11	9:30pm to 12:00 pm Session 13	9:00 am to 9:30 Inauguration	Day 1: Dr. T Ram Prabhu, DRDO
12:00 pm to 1:00 pm Article 1 Discussion	12:00 pm to 1:00 pm Article 2 Discussion	12:00 pm to 1:00 pm Discussion	12:00 pm to 1:00 pm MCQs	9:30 am to 12:00pm Session 7	Day 2: Dr. Ajay Kumar, IIT Tirupati
1:00 pm to 2:00 pm Lunch	1:00 pm to 2:00 pm Lunch	1:00 pm to 2:00 pm Lunch	1:00 pm to 2:00 pm Lunch	12:00 pm to 1:00 pm Lunch	Day 3: Dr. Amit Arora, IIT Gandhinagar
2:00 pm to 4:00m Session 8	2:00 pm to 4:00m Session 10	2:00 pm to 4:00m Session 12	2:00 pm to 4:00m Session 14	1:00pm to 2:00 pm Travel Visit	Day 4: Dr. Raghavendra Joshi, BITM, Ballari Day 5:
4:00pm to 5:15 pm Teaching Practices	4:00pm to 5:15 pm Teaching Practices	4:00pm to 5:15 pm Teaching Practices	4:00pm to 5:15 pm Teaching Practices	2:00 pm to 4:00 pm Visit	Industrial Visit: JSW Steel Ltd.
Details contact: Mr. G Raghavendra Setty, Co-Coordinator, Asst. Prof., Dept. of ME, BITM, Mob: +91 9686413051			4:00 pm to 5:00 pm Travel Back & Feed Back		

#### Basavarajeswari Group of Institutions



#### BALLARI INSTITUTE OF TECHNOLOGY & MANAGEMENT



(A unit of T.E.H.R.D. Trust ®) (NBA\* &NAAC Accredited and an ISO 9001:2015 Certified Institution) (Recognized by the Govt. of Karnataka, AICTE, New Delhi)

#### Department of Mechanical Engineering

Name of the Activity **Faculty Development Program** 

ATAL FDP on Advances in Additive Manufacturing **Topic** 

**Date** FROM 16 TO 30 SEPT 2022 (2 Weeks)

No. of Participants attended 42

**Mode of Presentation** Hybrid Mode (Microsoft Teams)

#### **Organizing Committee**

Department of Mechanical Engineering

#### **Brief Report on the Activity**

The field of additive manufacturing, as well as various methods to enhance the characteristics of the materials produced the efficiency of the manufacturing process itself, as well as optimal ways to develop a product in minimum time. This FDP will address to individual researchers and institutions interested in the development and/or implementation of 3D Printing technologies. This will give excellent academic forum for sharing knowledge and results in theory, design, methodology and applications of additive manufacturing. The program aims to enable participants to learn the applications of 3D Printing in Aerospace, Defense, Medical, Automobile etc. The present requirement of the industry and among academicians can only be fulfilled by providing a source of knowledge in the 3D Printing technologies.

#### **Objectives of FDP**

- > Identify the challenges and opportunities in 3D Printing technologies.
- Analyze the application issues in 3D Printing technologies.
- > Identify Fundamental Design aspects and parameters involved in Additive Manufacturing.
- > Micro structural aspects of additively manufactured alloys & their Mechanical Properties.
- Additive Manufacturing Software & Topology Optimization in Additive Manufacturing.

#### **Topics Covered**

- The Additive Manufacturing/ 3DP Technologies and Applications in Design and Manufacturing.
- The Key Technology in Industry 4.0.
- Structural Design and Topology Optimization for Additive Manufacturing using FEM.
- Fatigue Behaviour of Additively Manufactured Materials.
- Fatigue Behaviour of Additively Manufactured Materials.
- Microstructural aspects of AM alloys and their mechanical properties.
- Fundamentals of additive manufacturing
- Wear and Erosion behavior of Al/SS alloys printed using Laser Powder Fusion Bed
- Recent Advances and Challenges in Wire Arc Additive Manufacturing (WAAM) of Ferrous and Non-Ferrous Materials
- Additive Manufacturing: Focus On Applications Of Smart



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## Department of Mechanical Engineering

FDP SCHEDULE			
INAUGURATION: 16th SEP 2023 AT 9:45 TO 10:15 AM			
S. No	Date	Online Session 0700:Pm to 09:30pm	Торіс
1	15/09/22	<b>Dr. Pulak M Pandey</b> IIT,Delhi	On the Additive Manufacturing/ 3DP Technologies and Applications in Design and Manufacturing
2	16/09/22	<b>Dr. Y. Ravi Kumar</b> NIT,Warangal	3D Printing: The Key Technology in Industry 4.0
3	17/09/22	<b>Dr. Om Prakash Singh</b> IIT BHU, Varanasi	Structural Design and Topology Optimization for Additive Manufacturing using FEM
4	18/09/22	R. Jayaganthan IIT Madras	Fatigue Behaviour of Additively Manufactured Material
5	19/09/22	K. Eswara Prasad IIT Indore	Microstructural aspects of AM alloys and their mechanical properties
6	20/09/22	Dr Murugaiyan Amirthalingam IIT — Madras	Fundamentals of additive manufacturing
S. No	Date	Offline Session 09.00:Am to 05:15pm	Торіс
1	26/09/22	<b>Ms. Pooja. Angolkar</b> Belagavi	Wear and Erosion behavior of Al/SS alloys printed using Laser Powder Fusion Bed
2	27/09/22	<b>Dr. Ajay Kumar</b> IIT Tirupati	Recent Advances and Challenges in Wire Arc Additive Manufacturing (WAAM) of Ferrous and Non-Ferrous Materials
3	28/09/22	<b>Dr.Amit Arora</b> IIT, Gandhinagar	Discrete Element Method
4	29/09/22	<b>Dr.Raghavendra Joshi</b> BITM, Ballari	Additive Manufacturing: Focus On Applications of Smart materials
5 30/09/22 JSW Industrial visit			



