



**Report  
on**

**One Week**

**AICTE Sponsored**

Short Term Training Program Through Online Mode

On

**“WIND AND EARTHQUAKE RESISTANT DESIGN”**

**Phase I - 20<sup>th</sup> July to 25<sup>th</sup> July 2020**

**Phase II – 23<sup>rd</sup> November to 28<sup>th</sup> November 2020**

**Phase III - 19<sup>th</sup> December to 24<sup>th</sup> December 2020**

**Organized By**

**Department of Civil Engineering**



**Prof. Ram Meghe Institute of Technology & Research,  
Anjangaon Bari Road, Badnra (C. Rly),  
Auravati (Maharashtra) 411701.**



**SHORT TERM TRAINING PROGRAM  
FEEDBACK FORM**

1. AICTE File No. & Date of Offer Letter: 34-66/357/FDC/STTP/Policy- 1/2019-20 Dated 10/08/2020

2. Name of the Coordinator : Dr. Shrish M. Deshmukh

3. Name and Address of the Institution : Prof Ram Meghe Institute of Technology and  
Research, Badnera - Amravati 444701 (M.S.)

4. Title of the Faculty Development Programme: MACHINE LEARNING AND AI FOR  
APPLICATIONS IN LANGUAGE, VISION  
AND CONTROL

Dates : Phase I: 7<sup>th</sup> to 11<sup>th</sup> December 2020  
Phase II: 14<sup>th</sup> to 18<sup>th</sup> December 2020  
Phase III: 21<sup>st</sup> to 25<sup>th</sup> December 2020

5. Venue : Through Online Mode

6. Total No. of participants proposed and actually attended

Proposed

Attended

7. No. and date of the offer letter

Letter No.	Date
34-66/357/FDC/STTP/Policy-1/2019-20	10 <sup>th</sup> August 2020

8. Total amount sanctioned : Rs. 3,85,000/-  
(In words: Rs. Three Lac Eighty-Five Thousand Only)

9. No. and date of Sanction letter:

Letter No.	Date	Grant Released
34-66/357/FDC/STTP/Policy-1/2019-20	10/08/2020	Rs. 3,85,000/- Rs. Three Lac Eighty-Five Thousand Only

10. Total expenditure incurred in Conducting the Faculty Development Program : Rs. 2,73,614/- (Rs Two Lac Seventy-Three Thousand Six Hundred Fourteen Only)

11. Grant received from various agencies other than AICTE for this Faculty Development Program

	Name of Agency	Grant Received
1	NIL	NIL
	Total	NIL

12. Details of internal revenue if any generated by the Institution/Department on account of this Program: NIL

13. Technological/ academic/or any other benefit generated by conducting this program with respect to a) the institution, b) the faculty; c) students; d) industry/society.

Technological/ academic/or any other benefit generated by conducting this program with respect to:

(a) **Institution**

The STTP on "Machine Learning and AI for Applications in Language, Vision and Control" is highly beneficial to Institute. After attending the STTP faculty are enhanced with the knowledge in the field of Machine learning and Artificial Intelligence in the field of computer vision and provide the platform for doing research in the field of Data Science, ANN and Deep Learning. This upgraded knowledge of Machine Learning will help the students in understanding different aspects of ANN and Deep Learning and directly benefit the Institute.

(b) **The Faculty**

The STTP on "Machine Learning and AI for Applications in Language, Vision and Control" is highly beneficial to the faculties. After attending the STTP faculties get benefited in,

- Understanding and applying knowledge of Artificial Intelligence.
- Understanding the basics of Machine Learning.
- Understanding concepts of Neural Networks
- Updating the knowledge of students for planning of analysis and design
- Motivating the students for doing project/research in area of ANN
- Update knowledge of handling Python language for Machine Learning

(c) **The Industry / Society**

India is a developing country. Development of any country is associatively dependent on the technological enhancement, various hardware/software tools available. The lack of facilities available will lead to loss of energy of Human being which will be the little hurdle in the development of country. Therefore, it is necessary to build the hardware and software tools for analysis and handling of big data. This STTP has encouraged the participants who belong to different area to develop interest in machine learning and its subset such as ANN and Deep learning. Also, this STTP has provided adequate knowledge of Python, an open source programming language, and its use in designing various projects in Neural Networks and different methods of analysis of big data.



Name & Signature of Coordinator  
Dr. S. M. Deshmukh



Name & Signature of Head of Institute  
with seal





**Report on  
One Week**

**ONLINE SHORT TERM TRAINING PROGRAM**

**on**

**“Machine Learning and A.I. for Application in Language, Vision and Control”**

**Sponsored by**



**All India Council for Technical Education (AICTE), New Delhi**

**Phase I - 7<sup>th</sup> December to 11<sup>th</sup> December 2020**

**Phase II - 14<sup>th</sup> December to 18<sup>th</sup> December 2020**

**Phase III - 21<sup>st</sup> December to 25<sup>th</sup> December 2020**

**Organized By**

**Department of Electronics & Telecommunication Engineering**



**Prof. Ram Meghe Institute of Technology & Research,  
Anjangaon Bari Road, Badnera (C. Rly),  
Amravati (Maharashtra) 444701.**



### **3. Short Term Training Program through online mode**

#### **3.1 Introduction**

The history of AI is not without controversy and opposing views, as is any endeavor which seems to some to duplicate our humanity in a machine or which interprets human activity as the result of machine-like processes. The basic objective of AI is to enable computers to perform such intellectual tasks as decision making, problem solving, perception, understanding human communication and the like.

The present-day pervasiveness of AI, given how little it is noticed in everyday life, suggests that in important ways this objective has been reached. AI can help eliminate the necessity for humans to perform tedious tasks. One of the main benefits of artificial intelligence is its ability to reduce the drudgery involved in many work tasks. Repetitive, tedious tasks in any job are the bane of many human workers around the world.

Artificial intelligence is impacting the future of virtually every industry and every human being. Artificial intelligence has acted as the main driver of emerging technologies like big data, robotics and IoT, and it will continue to act as a technological innovator for the foreseeable future.

In Machine Learning (ML) and AI – Computer vision is used to train the model to recognize certain patterns and store the data into their artificial memory to utilize the same for predicting the results in real-life use.

#### **3.2 Objective**

The STTP is highly beneficial not only to faculties but also industrial persons for future growth in developing & shaping the student in civil engineering etc. At the end of STTP participants will be able to



- 1) Enhanced knowledge of the faculty and researcher in the field of computer vision and Machine intelligence.
- 2) Develop a basic understanding of the principles of machine learning and AI.
- 3) Introduce Application of Machine Learning in language and vision;
- 4) Give brief emphasis on various issues, challenges and applications related to AI and Machine Learning.
- 5) Improve Quality in engineering teachers in order to up-grade the knowledge, enhancing research and teaching skills.
- 6) Familiarize the participants with AI requirement and utilization in real time application.

### **3.3 The Collaborators**

The All India Council for Technical Education (AICTE) Sponsored Short Term Training Program through online mode On “Machine Learning and AI for Application in Language, Vision and Control” to the college Prof. Ram Meghe Institute of Technology & Research, Badnera, Amravati.

### **3.4 Program Format**

The One week STTP program was scheduled for 5 continuous days at Prof. Ram Meghe Institute of Technology & Research, Badnera, Amravati.

## **4. Pre-Program Activity**

### **Allotment of Short Term Training Program**

The All India Council of Technical Education (AICTE) selects few colleges to organize the Faculty Development Program every year. Prof. Ram Meghe Institute of Technology & Research Badnera, Amravati was one of them in the year 2020-2021.

### **Program Monitoring Committee (PMC)**

A Program monitoring committee was formed for smooth organizing, scheduling and evaluating the STTP. It included



- Dr. A. P. Bodkhe Chairman, P. M. C. (Principal, PRMIT&R, Badnera),  
Dr. S. M. Deshmukh Coordinator S.T.T.P. (HOD Electronics and Telecommunication,  
PRMIT&R, Badnera),  
Dr. G. R. Bamnote, Member P. M. C (Head CSE, PRMIT&R, Badnera)  
Dr. D. S. Ingole, Member P. M. C (Head Mechanical, PRMIT&R, Badnera)  
Dr. P. V. Ingole, Subject Expert P. M. C (Head IT, PRMIT&R, Badnera)

### **Scheduling the Course**

After discussions with other institute dignitaries, the program was divide into three phases and scheduled as:

Phase I: 7th to 11th December, 2020,

Phase II: 14th December to 18th December, 2020

Phase III: 21st to 25th December,2020

### **Appointing Short Term Training Program Organizing Committee**

PMC committee included Prof. V. R. Raut, Dr. N. N. Khalsa, Prof. V. J. Babrekar, Prof. M. V. Tiwari, Prof. A. S. Utane, Prof. B. P. Fuladi, Prof. A.B. Pardikar and Prof. A.D. Kadu for organizing STTP.

## 6. Feedback of participants during STTP-I



**Mr. Shyam Alaspure**

*(Data Scientist)*

*AccionLabs Technologies Pvt. Ltd.*

During this pandemic, the STTP: ML & AI for applications in language, vision & control is the most informative STTP amongst all programs that I have attended. Organizers made extreme efforts for making this STTP as a successful one. I personally found that every schedule was very well managed with various intellectual speakers who had explained ML & AI explained from basic till their perspective Approach.

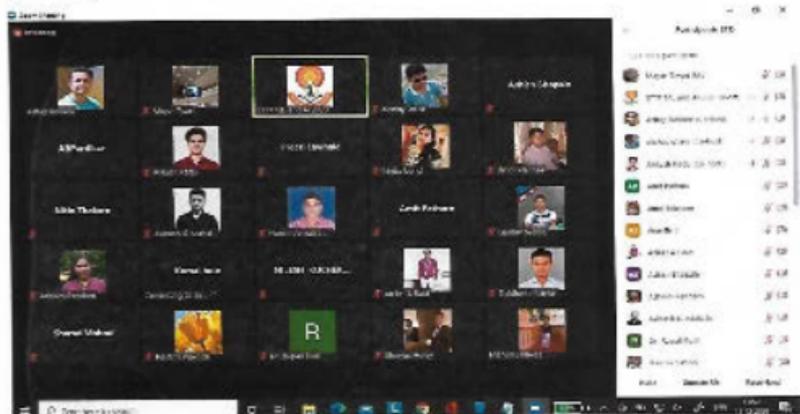


**Prof. Ms. N. C. Band**

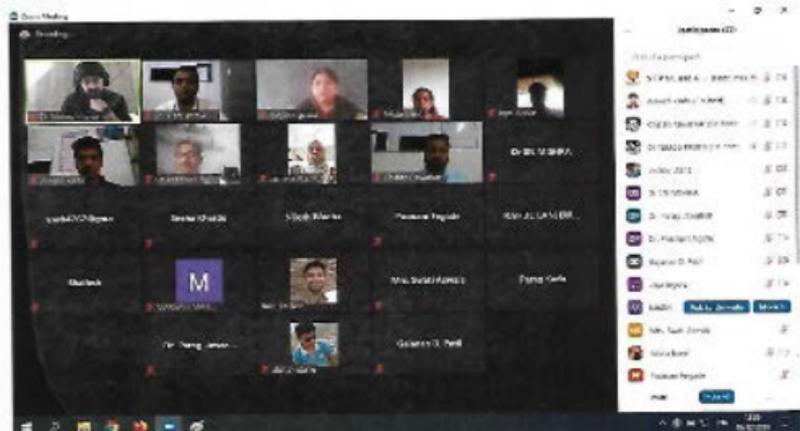
“It was very nicely planned and well organized STTP, Starting with the keynote speaker who was very enthusiastic has focused on the birth of AI & how machine learning & DNN came into existence. It was a great experience to hear such eminent speaker. Among all the STTPs that I have attended in this pandemic I found this STTP More informative”



### 5. Glimpses:



Participants during valedictory function in Phase-1



Participants during valedictory function in Phase-2





**Dr. M.N. Hoda BVICAM, New Delhi during session in Phase-1**

**Dr. S. R. Sakhare (VIIT) during session in Phase-1**







**Mr. Shrikant Mehre (IIT Kharapur) during session in Phase-2**



**Dr. C.N. Deshmukh (PRMIT&R Badnera) during session in Phase-3**

Zoom Meeting

Participants (10)

Simple Neural Network      Deep Learning Neural Network

Input Layer      Hidden Layer      Output Layer

Dr. S. R. Sakhare

Participants (10)

- Dr. S. R. Sakhare (Host) 0:00
- Dr. S. R. Sakhare 0:00

Windows taskbar: File Explorer, Microsoft Edge, Zoom

Dr. S. R. Sakhare (VIIT) during session in Phase-2

Zoom Meeting

Participants (10)

System Learning Algorithms

ES      DA      RL

FC      LR      NN

Dr. S. R. Sakhare

Participants (10)

- Dr. S. R. Sakhare (Host) 0:00
- Dr. S. R. Sakhare 0:00

Windows taskbar: File Explorer, Microsoft Edge, Zoom



**One week,AICTE Sponsored  
Short Term Training Program through online mode**

**Phase II On**

**Machine Learning and AI for Application in Language, Video and Control  
(16th December -18th December)**

List of candidates who have successfully completed the program on the basis of test conducted by Program Monitoring Committee

Sr. No.	Title	Full Name of Participant	Email Address	Name of the Institute / Industry
1	Mr	Anil Kumar	anool19@gmail.com	Bardodiya Sirah College
2	Ms	Padmini Porandi	porandi7631@gmail.com	S.J Venkateswara College of Engineering and Technology
3	Mrs	P.Majila Bala	balamaj07@gmail.com	JPET COLLEGE OF ENGINEERING
4	Ms	Suresh Acharya	acharya058@gmail.com	P.E.E. College of Engineering, Aurangabad
5	Mr	Amit Madhukaran Madhe	madhe14@gmail.com	IOVPM COEET ANURAVATI
6	Dr	Ujjwal S Ghose	uujwalgho1@gmail.com	SIIGN COET Anuravati
7	Dr	Dr. Sagar Binay Dhwani	binay1007@gmail.com	SIIGN COET Anuravati
8	Ms	Amit Wansa Baskar	amit09275@gmail.com	Bardodiya College of Engineering & Technology
9	Mr	Johanan Babu Pech	pechbabu19@gmail.com	Johanan College Pochi
10	Mrs	Narayani	narayanayee.989@gmail.com	svet
11	Prof	Prof/Mr Jaya N Jagan	jagan04@gmail.com	Prof Ram Magize Institute of Technology and research Institute
12	Dr	Dr. Atulakar Ramesh Him	rahimv.09@gmail.com	University of Agricultural Sciences, Bangalore
13	Dr	Narain Joseph	narainj@gmail.com	Aboloth Institute of Science and Technology
14	Ms	Ragharani D	ragharani06@gmail.com	SRM Institute of Science and Technology, Ramapuram
15	Ms	R. Thevini	thevini09@gmail.com	Government Degree College Sadasivpet
16	Mr	Bhishm Chintu Marand	marandbh@gmail.com	Government Polytechnic Anandpur
17	Dr	Seema Nair	seema_nair01@gmail.com	BMET COLLEGE OF ENGINEERING GREATER NOIDA
18	Dr	Shrinivash Mulla	shrinivashm1@gmail.com	BMET College of Engineering Greater Noida
19	Mr	Narayan Malabar	narayanm1@gmail.com	Narayan Malabar
20	Prof	Manjira Rita Manjira	manjira04@gmail.com	K.K. Wagh Institute of Engineering Education & Research,Nashik
21	Mrs	Poojan Girish Fogale	pfogale06@gmail.com	K. K. Wagh Institute of Engineering Education and Research
22	Mrs	Ashwini Laxmi Sora	ashwinilaxmisora@gmail.com	Arvind Lihakar Rate
23	Ms	Chandni Kumar	chandnikumar0198@gmail.com	Amrita University
24	Mr	Anu Pandey	anupandey09@gmail.com	Anand University
25	Mrs	Mani Tejaswini	manitej07@gmail.com	S.P.W.POLYTECHNIC T.T.D. TRIPATHI
26	Mr	Katari Janardhan	katarijanardhan@gmail.com	M.S.P.G.C. MAJAGENCIO
27	Prof	Gajanan Dipendra Paul	gajanan12815@gmail.com	PRMIT&R, Budaera
28	Prof	V.K. Bhatnagar	bhatnagar@gmail.com	KUJ Yashwanth
29	Prof	Shraddha Zonia	shraddha.zonia01@gmail.com	Government college of Engineering Yavatmal
30	Dr	Satish Kumar	satishkumar0@gmail.com	Orissa Giaswades Central University
31	Mr	Narayan Malabar	narayanm1@gmail.com	Apurandha College of Engineering & Technology, Yavatmal
32	Ms	Anjana Singh	anjanasingh@gmail.com	Lovely professional university
33	Prof	Vijayakumar Shivan Shrivastava	vijayashrivastava01@gmail.com	College of engineering and technology Akola
34	Prof	Sangram Shrinivas Dandge	sangramdandge@gmail.com	Prof Ram Magize Institute of Technology and Research
35	Ms	Chandana Joseph Akshaya	akshaya09@gmail.com	Central College of Dental Technology and Therapy Ernakulam
36	Ms	Harsha Rajendra Kulkarni	harshakulkarni@gmail.com	Prof. Ram Magize Institute of Technology & Research, Budaera
37	Ms	Dhyanesh Bhargava Polase	dhyanesh05@gmail.com	Jagadamba College of Engineering & Technology, Yavatmal
38	Mrs	Swati Rajin Anand	swatirajin@gmail.com	D. Y. Patil College of Engg. Akola, Pune
39	Ms	Lash Buse Mageshika	mageshika@gmail.com	Cavite State University
40	Ms	Shruti Narandha Khetz	shruti07@gmail.com	SIIGN college of engineering and technology
41	Prof	Sanjay Dhanu Jaganath	sanjaydhanu@gmail.com	SIIGN college of engineering and technology Anuravati
42	Prof	Pradip N Pandey	pradipn.pandey@gmail.com	P. R. Patil College of Engineering and Management Anuravati
43	Mr	Amit Govindan Ram	amitgovindan@gmail.com	Government Polytechnic Anuravati
44	Dr	Dr. Parag S. Amtekar	parag05@nitrr.edu	Sri Ramteeroba College of Engineering and Management, Nagpur
45	Mr	Prashant Dhanraj	prashantdhanraj@gmail.com	Government Engineering Anuravati
46	Mrs	Ranjana Vijayasa Gavai	ranjagavai5@gmail.com	Government Polytechnic, Achalpur
47	Prof	Sujata Chavhan	chavhan07@gmail.com	SIIGN marhe technical campus, pune
48	Mr	Shreshth Bhatnagar	shreshthbhatnagar@gmail.com	Pravara college hd
49	Dr	Yogesh N Thakare	thakareyogesh01@gmail.com	Sri Ramteeroba College of Engineering and Management, Nagpur
50	Mr	Kumar Siddharth P. U	kumarsiddharthp@gmail.com	Dr.Jyoti University
51	Dr	Dr. Amit Kumar	amit0830@gmail.com	P.G.P.S.K.P.G.MaharajadwajakrishnaKishorekuladigan(285125)G.P.,Budaera

**One week ABCTE Sponsored  
Short Term Training Program through online mode  
Phase III On  
Machine Learning and AI for Application in Language, Voice and Control  
(21st December -25th December)**

**List of candidates who have successfully completed the program on the basis of test conducted by Program Monitoring Committee**

S.No.	Title	Full Name of Participant	Email	Name of the Institution / University
1	Dr	Soma Sharma	shomasharma@gmail.com	A. C. A. GURUG College Mysore
2	Prof	Sugandhar Vanitha Sagar	vanitha197@gmail.com	Sanjay Ghoshan College of Engineering,Gujar
3	Prof	Sourabh Parthasarathi Bhavan	sanjaybhavan@gmail.com	P. T. Poon College of Engineering & Man. Arts,Aravali
4	Mr	M.Mandhar	mmandhar@gmail.com	BIT POLY TECHNIA, COLEGE, BARRI
5	Mr	Ravindra Bhatu Phare	rphare013@gmail.com	Amrutha Engineering College (GATE)
6	Mr	S Lakshmi	lakshmisud@gmail.com	Amrutha Engineering College (GATE)
7	Mr	Udit Shah	uudshah@gmail.com	GUJARAT NERGY ACADEMY
8	Mr	Padma Prasad	padma.prasad.kap@gmail.com	KHAMAM SWAMI OF TECHNOLOGY, BENGALURU
9	Mr	Aarav Sathya Varun	varun.aarav2@gmail.com	SRMISTU COLLEGE OF ENGINEERING AND TECHNOLOGY BARTHELY UP INDIA
10	Mr	Pavani D. Anandh Varun	anandhvarun@gmail.com	SUS PULGADUR
11	Mr	Aditya Gok	adityagok@gmail.com	Tata Consultancy Services Ltd
12	Mr	Siddhant	siddhant.siddhant@gmail.com	SV KAMDHAKMA COLLEGE FOR WOMEN, WASSAN
13	Prof	AMM Anandh Lalitha	anandh.lalitha@gmail.com	TPM College of Engineering & Technology, And
14	Prof	R Anil Das Shastri	anildas18@gmail.com	S. ANAND ALABAND
15	Mr	Kamal Anandharaj	anandharajk@gmail.com	SALINGA UNIVERSITY, MAYA RAIPUR, CHENNAI,INDIA
16	Mr	Anandh Bandhan	anandhbandhan@gmail.com	NET Para
17	Mr	Murali Thiagaraja	thiagarajam@gmail.com	Sri Sree Sagar University, Guava
18	Dr	D. Jay Hanu Sridhar	jayhanu1985@gmail.com	Anandhan Vaidya Park College of Arts Science and Commerce, Ponnasaram
19	Mr	Mohit K	mohitk@gmail.com	S.S.Hanumanth College of Technology
20	Dr	Hemant Kumar Anandharaj	anandharajh@gmail.com	Dr. BHARISHCHANDER ANANDARAM
21	Mr	Gauri Bhatia	gauribhatia@gmail.com	Bank of Baroda
22	Mr	Ravi Ravi	raviravi1990@gmail.com	Government Engineering
23	Mr	M. P. Suresh Babineeni, Ap. C. S.	sureshm2@gmail.com	AGRIANITH INSTITUTE OF TECHNOLOGY
24	Mr	Mohamed Usman Habibi	mohamedusmanhabibi@gmail.com	Government Polytechnic, Adilabad
25	Prof	Sujata Srinivasan Poole	sujatapool2@gmail.com	Government Polytechnic, Adilabad
26	Mr	Sudhanu Shekhari	shekhari.sudhanu@gmail.com	MADHAWA INSTITUTE OF TECHNOLOGY, MYSORE
27	Mr	Suresh Parthi	parthi.suresh@gmail.com	Sanjay Ghoshan College of Engineering
28	Mr	Chennappa Sathya	sathya.chennappa@gmail.com	Sanjay Ghoshan Institute of Technology
29	Dr	S. Vignesh Kumar	vigneshkumar.s@gmail.com	Amrutha Engineering College Mysore
30	Mr	Girish Parthi	parthi.girish@gmail.com	Amrutha Engineering College Mysore
31	Dr	Suresh Chandra Reddy	reddychandra@gmail.com	Sree Siddaganga Institute of Technology
32	Mr	Ankur Kumar	ankurkumar2002@gmail.com	Amrutha Engineering College Mysore
33	Mr	Vignesh Varma Sathya	sathya.vignesh@gmail.com	GOVERNMENT POLYTECHNIC, ATHAPUR
34	Mr	Nikhil Vinay Lathia	lathia.nikhil@gmail.com	Solapur
35	Prof	Sankar Nathar Sanyal	sanyal.sankar@gmail.com	Government Polytechnic, Vijayanagar
36	Mr	Anandharaj Parthasarathi Bhavan	sanjaybhavan@gmail.com	Amrutha Engineering College Mysore
37	Mr	Mr. Nikh Vignesh Parthi	parthi.vignesh@gmail.com	Water resources department
38	Mr	Suman Anandha Das	anandhasuman@gmail.com	Govt. G. N. Sripad College of Engineering, Nanded
39	Mr	Anandh Ganesh Reddy	reddyanandh@gmail.com	Sree CBIT, Anantapur
40	Prof	Aditya Lakshmi Reddy	reddylakshmi@gmail.com	Govt. Rama Reddy Institute of Technology & Research, Subbarao
41	Mr	Mahesh Sathya Sathya	sathya.mahesh@gmail.com	GOVERNMENT POLYTECHNIC ATHAPUR
42	Mr	Suresh Chandrashekhar	chandrashekhar.suresh@gmail.com	Government Polytechnic, Anantapur
43	Dr	Dr. N. S. Jadhav	jadhavn.s@gmail.com	Dr. N. S. JADHAV
44	Mr	Suman Vigneshwar Srinivasan	srinivasan.suman@gmail.com	Amrutha Engineering College Mysore
45	Mr	Shravan Das	shravan.das@gmail.com	Amrutha Engineering College Mysore
46	Mr	Arjun Rajagopal Prasad	prasad.arjun@gmail.com	SRMISTU
47	Prof	Srinivas Anandharaj	anandharajsrinivasan@gmail.com	SRMISTU
48	Mr	Anandh Ravi Reddy	reddyanandh@gmail.com	Govt. Rama Reddy Institute of Technology & Research, Tadipatri



**Report by Program Monitoring Committee (PMC) of**

**One Week**

**AICTE Sponsored Short Term Training Program**

*Phase I on*

**"Machine Learning and AI for Application in Language, Vision and Control"**

*7th Dec to 11th Dec 2020*

The AICTE sponsored one week short term training program (STTP) through online mode phase I was organized successfully with the participation of Fifty Five (55) Faculty members from various Engineering colleges all over India. The STTP was inaugurated at the hands of Honorable Chairman of VYWS society Shri Nitinji Dhande with motivation, encouragement and best wishes to STTP. On behalf of our beloved Principal, Dr A P Bodkhe, his message was read out by Prof. A.L.Rokade (Assistant Professor) the message gave the brief idea about the institute and basic information regarding the theme of STTP. Dr S M Deshmukh, Head of Electronics and Telecommunication Engineering and Coordinator of STTP paved a walk through about program and necessity of Machine Learning and AI for Application in Language, Vision and Control for the students, researchers and practicing/ consulting engineers. The STTP comprised of the programs including introduction of application of Machine Learning In language vision, and Hands on training of python on AI & ML.

The one week STTP portrayed technical sessions from speakers from Renowned Institute of the Country, who presented different aspects of Machine Learning and AI for Application in Language, Vision and Control, namely Dr. Manprootsingh Manaa (Ex Director AICTE, New Delhi), Dr. M. N. Hoda (Director, BVICAM, New Delhi), Prof. Manendra Pal Singh Chawla (SGSIT, Indore), Dr. S. V. Dudal (SGBAU, Amravati), Dr. G. R. Bannote (PRMIT&R, Badnera), Dr. S. R. Salchare (VIT Pune). The program proved beneficial to participants for acquiring knowledge about current technological development in the field of Earthquake and Wind engineering. At the end of the course, the program proved to be helpful for the participants keeping in view the present scenario of Infrastructure Development. The experience of all the participants was very nice, wherein they thanked organizers for organizing such a well-planned and informative STTP. A quiz was conducted to assess the outcome of the STTP through online mode by making use of Google form.



The program concluded with the Valedictory function in the presence of Dr. S. M. Deshmukh (Coordinator & Head, SITP) where the participants extended their views and gratitude towards the program.

Dr. S. M. Deshmukh  
Member Secretary, PMC  
(Head, Exte, PRMIT&R, Badnera)

Dr. A. P. Bodkhe  
Chairman, PMC  
(Principal, PRMIT&R, Badnera)





**Report by Program Monitoring Committee (PMC) of  
One Week**

**AICTE Sponsored Short Term Training Program  
Phase II on**

**"Machine Learning and AI for Application in Language, Vision and Control"**

**14th Dec to 18th Dec 2020**

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The one week STTP portrayed technical sessions from speakers from Renowned Institute of the Country, who presented different aspects of Machine Learning and AI for Application in Language, Vision and Control, namely Dr. Manpreetsingh Manna (Ex Director AICTE, New Delhi), Mr.. Shrikant Mehre (IIT, Kharagpur), Dr. S. R. Sachare (VIT Pune), Prof. Manendra Pal Singh Chawla (SGSIT, Indore), Dr. S. V. Dudhal (SGIBAU, Amravati), Dr. N. N. Khalsa (PRMIT&R, Balmora). The program proved beneficial to participants for acquiring knowledge about current technological development in the field of Earthquake and Wind engineering. At the end of the course, the program proved to be helpful for the participants keeping in view the present scenario of Infrastructure Development. The experience of all the participants was very nice, wherein they thanked organizers for organizing such a well-planned and informative STTP. A quiz was conducted to assess the outcome of the STTP through online mode by making use of Google form.

The program concluded with the Valedictory function in the presence of Dr. S. M. Deshmukh



(Coordinator & Head, STTP) where the participants extended their views and gratitude towards the program.

Dr. S. M. Deshmukh  
Member Secretary, PMC  
(Head, Extc, PRMIT&R, Badnera)

Dr. A. P. Bodkhe  
Chairman, PMC  
(Principal, PRMIT&R, Badnera)





**Report by Program Monitoring Committee (PMC) of**

**One Week**

***AICTE Sponsored Short Term Training Program***

***Phase III on***

***"Machine Learning and AI for Application in Language, Vision and Control"***

***21st Dec to 25th Dec 2020***

The AICTE sponsored one week short term training program (STTP) through online mode phase I was organized successfully with the participation of Forty Eight (48) Faculty members from various Engineering colleges all over India. The STTP was inaugurated at the hands of Honourable Chairman of VYWS society Shri Nitinji Dhande with motivation, encouragement and best wishes to STTP. On behalf of our beloved Principal, Dr A P Bodkhe, his message was read out by Prof. A. I. Rokade (Assistant Professor) the message gave the brief idea about the institute and basic information regarding the theme of STTP. Dr. S. M. Deshmukh, Head of Electronics and Telecommunication Engineering and Coordinator of STTP paved a walk through about program and necessity of Machine Learning and AI for Application in Language, Vision and Control for the students, researchers and practicing/ consulting engineers. The STTP comprised of the programs including introduction of application of Machine Learning In language vision, and Hands on training of python on AI & ML.

The one week STTP portrayed technical sessions from speakers from Renowned Institute of the Country, who presented different aspects of Machine Learning and AI for Application in Language, Vision and Control, Mr. Supreet Bansod (Senior , Software Engineer), Dr. C. N. Deshmukh, Dr. S. R. Sakhare (VIT Pune), Prof. Manendra Pal Singh Chawla (SGSIT, Indore), Dr. S. V. Dadul (SGBAU, Amravati), Dr. N. N. Khalsa (PRMIT&R, Badnera). The program proved beneficial to participants for acquiring knowledge about current technological development in the field of Earthquake and Wind engineering. At the end of the course, the program proved to be helpful for the participants keeping in view the present scenario of Infrastructure Development. The experience of all the participants was very nice, wherein they thanked organizers for organizing such a well-planned and informative STTP. A quiz was conducted to assess the outcome of the



STTP through online mode by making use of Google form. The program concluded with the Valedictory function in the presence of Dr. S. M. Deshmukh (Coordinator & Head, STTP) where the participants extended their views and gratitude towards the program.

A handwritten signature in black ink, appearing to read 'S. M. Deshmukh'.

Dr. S. M. Deshmukh  
Member Secretary, PMC

(Head, Exct, PRMIT&R, Badnera)

A handwritten signature in black ink, appearing to read 'A. P. Bodhe'.

Dr. A. P. Bodhe  
Chairman, PMC

(Principal, PRMIT&R, Badnera)





## MESSAGE



**Coordinator & HOD,**  
**Department of Civil Engineering**  
**PRMITT&R, Badnera**

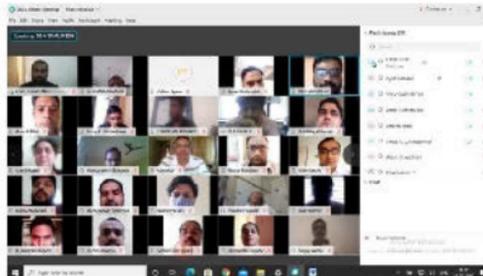
At the outset, I welcome you all to AICTE sponsored STTP on “Wind and Earthquake Resistant Design” scheduled during July 20<sup>th</sup> to 25<sup>th</sup>, 2020, November 23<sup>rd</sup> to 28<sup>th</sup>, 2020 and December, 19<sup>th</sup> to 24<sup>th</sup> 2020., organized by Department of Civil Engineering Prof. Ram Meghe Institute of Technology and Research, Badnera.

As we all know earthquake cannot be prevented nor accurately predicted. It is not only ground shaking itself that causes life and economic loss but also the collapse or damage of buildings and infrastructure that are too “weak” to resist the ground shaking. An optimized design solutions can only be possible with in-depth knowledge of various advanced techniques and its use.

The present need of the hour is to develop the structures which are resistant to earthquake and wind load, owing to which our institute has introduced the STTP to familiarize the participants with the basic knowledge of earthquake, structural dynamics, earthquake and wind resistant planning, design and analysis. The soul aim of the STTP is train Participants for acquiring knowledge about current technological development in the field of Earthquake and Wind engineering.

On behalf of the entire team, I wish you all the very best for this innovative and creative learning experience. Hope you will cherish every moment of it.

Dr. P. S. Pajgade



**Participants during the valedictory function during Phase I**

## 2. About the Experts

The STTP helped the participants (Faculty of Engineering and Diploma, and Industry persons) to acquire basic knowledge of earthquake phenomenon, structural dynamics, earthquake and wind resistant planning, analysis and design. Participants got benefitted by acquiring / updating knowledge about current technological developments in the field of Earthquake and Wind engineering with upgraded IS codes.

### **Dr. C. V. R. Murty**

Dr. C. V. R. Murty is Professor in IIT Madras. He completed his Phd from California Institute of Technology (Caltech), USA. His area of interests in research includes Seismic behavior of steel and reinforced concrete (RC) structures, Modelling of nonlinear behavior of structures & Development of seismic design codes.

During STTP he delivered sessions on the topics **“An overview of Indian earthquake design code and Earthquakes Resistant Design of Steel Buildings”**.



**Dr. C. V. R. Murty**



#### **Dr. Yogendra Singh**



**Dr. Yogendra Singh**

Dr. Yogendra Singh, is a Professor in Indian Institute of Technology, Roorkee. He completed BE in Civil Engineering from University of Roorkee, M.Tech and Phd in Structural Engineering From IIT Delhi. His Research Interests areas include Seismic Vulnerability and Risk Evaluation, Performance Based Design of Buildings and Bridges, Inelastic Seismic Response of Structures, Seismic Evaluation and Retrofitting of Structures, Slope-Structure Interaction, Earthquake Engineering in Hilly Regions.

Dr Yogendra Singh, delivered his session on the topic **“Behaviour of masonry building during Earthquake and Response spectra and time history analysis”** during first and second phase and on **“Earthquake Resistant Modelling and Analysis of Multi-storey building and Performance Based Design of RC Structure”** during third phase of the STIP.

#### **Dr O R Jaiswal**

**Dr O R Jaiswal** is Professor in the Department of Applied Mechanics, VNIT Nagpur. He completed his Ph D from IISc, Bangalore. His Research interests include Earthquake analysis of structures, Tuned mass dampers, Stability of shells, Wind response of tall chimneys, Elevated water tanks, Railway bridges.

Dr O R Jaiswal conducted two sessions



**Dr O R Jaiswal**



in all three phases of on the topic “**Seismic analysis and modelling of building as per IS 1893: 2016**”.

**Dr. L. M. Gupta**



**Dr. L. M. Gupta**

Dr. L. M. Gupta is currently working as a Professor in Department of Applied Mechanics, VNIT Nagpur. His research interest includes Applied Mechanics, Design of Steel Structures, etc.

He conducted the session in the third phases on the topic “**Wind Resistant Design of Industrial Building**”. His contents in presentation were focused on effects of wind on Industrial Shade and design of Industrial Steel Structure Buildings.

**Dr. Ratnesh Kumar**

Dr. Ratnesh Kumar is working as an Associate Professor in Department of Applied Mechanics, VNIT Nagpur. He completed his PhD from IIT, Roorkee. Dr. Ratnesh Kumar's carrier is flooded with no. of awards, fellowships and memberships which includes Sir Arthur cotton Memorial Prize (IEI) on Dec 26th, 2011 and more.



**Dr. Ratnesh Kumar**

He conducted the sessions in all the three phases on the topics “**Introduction to Structural Dynamics and Ductile detailing consideration in earthquake resistant RC building as per IS 13920: 2016**” and on “**Seismology**” during Phase II and III. His presentation was focused on the concepts on Dynamic response of structural system, theory of vibrations, free and forced vibrations. Also, force displacement hysteresis loops, capacity design



philosophy, requirement of confined reinforcement and ductile detailing.

**Dr. Putul Haldar**



**Dr. Putul Haldar**

Dr. Putul Haldar is currently working as an Assistant Professor in the department of civil engineering, IIT Ropar. She has completed her B.E. from Bengal engineering and Science University, Masters from IIT Roorkee in 2008 and Ph.D in Seismic behavior and vulnerability of Indian RC Frame building with URM from IIT Roorkee.

Dr. Putul Haldar gave presentation on the topic **“Behaviour for Masonry building during Earthquakes & Earthquakes resistant design”** during third phase of STTP.

**Dr. Sachin Bakre**

Dr. Sachin Bakre is an Associate Professor in Department of Applied Mechanics, VNIT Nagpur. He completed his PhD from IIT, Bombay. His Research interest areas include Seismic Response Control, Finite Element Analysis, Dynamic Response Analysis and Response of Structures to Blast Loads.

Dr Sachin Bakre delivered presentation on the topic **“Seismology”** during first phase of STTP. His presentation covered basic of seismology and earthquake engineering in relation to structural aspects, seismic hazards, Plate theories and motion spectra.



**Dr. Sachin Bakre**



**Dr. Saurabh Shiradhonkar**



**Dr. Saurabh Shiradhonkar**

#### **Dr. Vijay Khose**

Dr. Vijay Khose is an Associate at Thornton Tomasetti, Mumbai. He has completed his PhD from IIT Roorkee. He has more than seven years of experience in the field of design of commercial and residential high-rise buildings, performance-based design of structures, seismic evaluation and retrofitting of structures, in the U.S., India and the Middle East. He also has knowledge of American, European, New Zealand and Indian seismic design codes.

Dr Vijay Khose gave “**Hands-on Training on Seismic Analysis of building by SAP 2000 / ETABS as per IS1893:2016**” during all the three phases of STIP. He also delivered session on “**Wind resistant analysis and design of structure**” in all the three Phases.



Dr. Saurabh Shiradhonkar is presently working as an Assistant Professor in the department of Earthquake engineering, IIT Roorkee. He has completed B.E. from COEP in 2006. Then he completed M. Tech. in structural dynamics from IIT Roorkee in the year 2009. He then completed his PhD in 2016 from IIT Bombay in structural engineering.

Dr. Saurabh Shiradhonkar delivered presentation on the topic “**Risk Targeted Seismic Design**” during second phase of STIP. The interaction with participants was noteworthy.



**Dr. Vijay Khose**



Dr. N. P.Kataria



Dr. N. P.Kataria



Dr N P Kataria, is working as an Associate Professor at PRMIT&R, Badnera. He completed his BE from Amravati University in the year 2005. M Tech From IIT Roorkee in Earthquake Engineering in the year 2008 and Ph. D. from IIT Bombay in the year 2015. His research area mainly include Earthquake resistant design of structure, Base Isolation and Vibration Control.

He delivered on the topic “**Seismic control using base isolation**” during phase I. His presentation covered various base isolation devices and methods of application for the same as per the structural requirement.

### 3. Short Term Training Program through online mode

#### 3.1 Introduction

In the last century, Indian continent suffered from number of Earthquakes and Cyclones. Bihar-Nepal border (M 6.5) in 1988, Uttarkashi (M 7) in 1991, Latur (M 6.2) in 1993, Jabalpur (M 6.0) in 1997, Chamoli (M 6.8) in 1999, Bhuj (M 6.9) in 2001, Sumatra (M 8.9) and Kashmir (M 7.6) in 2005 are the few examples of the same. More than one lakh fatalities occurred due to collapse of buildings and huge economic loss during these events. These losses can be reduced by performing Wind and Earthquake Resistant Design. The Short Term Training Program (STTP) helped the participants (Faculty of Engineering and Diploma, and Industry persons) to have basic knowledge of earthquake phenomenon, structural dynamics, earthquake and wind resistant planning, analysis and design.

Behavior of structures during past seismic activity and characteristics of different seismic event at different location leads to scientific committee think about finding rational method for



earthquake resistant structural analysis and design. For satisfying today's need Indian Standard codes for earthquake resistant design are updated. Therefore, main objective of these STTP was to acquire/update knowledge about current technological developments in the fields of Earthquake engineering with upgraded IS 1893:2016, IS 13920:2016 etc.

### **3.2 Objective**

The STTP is highly beneficial not only to faculties but also industrial persons for future growth in construction, shaping the student in civil engineering etc. At the end of STTP participants will be able to

- 1) Apply knowledge of earthquake engineering for planning the new structure
- 2) Understanding basics of Structural Dynamics
- 3) Perform earthquake resistant analysis and design
- 4) Faculty can update the knowledge of student for planning, analysis and design
- 5) Faculty can motivate the students for doing project/research in earthquake engineering field and wind resistant design.
- 6) Faculty can do consultancy work in the area of earthquake resistant design, proof checking and structural auditing.

### **3.3 The Collaborators**

The All India Council for Technical Education (AICTE) Sponsored Short Term Training Program through online mode On “WIND AND EARTHQUAKE RESISTANT DESIGN” to the college Prof. Ram Meghe Institute of Technology & Research, Badnera, Amravati.

### **3.4 Program Format**

The One week STTP program was scheduled for 6 continuous days at Prof. Ram Meghe Institute of Technology & Research, Badnera, Amravati.



### 3. Pre-Program Activity

#### **Allotment of Short Term Training Program**

The All India Council of Technical Education (AICTE) selects few colleges to organize the Faculty Development Program every year. Prof. Ram Meghe Institute of Technology & Research Badnera, Amravati was one of them in the year 2020-2021.

#### **Program Evaluation Committee (PEC)**

A Program evaluation committee was formed for smooth organizing, scheduling and evaluating the STTP. It included Dr. A. P. Bodkhe Chairman, P. E. C. (Principal, PRMIT&R, Badnera), Dr. P. S. Pajgade Coordinator S.T.T.P. (HOD Civil, PRMIT&R, Badnera), Dr. D. S. Ingole Member, P. E. C. (HOD Mechanical, PRMIT&R, Badnera), Dr. S. M. Deshmukh Member, P. E. C. (HOD ENTC, PRMIT&R, Badnera), Dr. P. A. Kadu Member, P. E. C (Prof. Civil, PRMIT&R, Badnera)

#### **Scheduling the Course**

After discussions with other institute dignitaries, the program was scheduled from 20<sup>th</sup> to 25<sup>th</sup> July,2020. Phase 1, 23<sup>rd</sup> to 28<sup>th</sup> November, 2020 Phase 2 and 19<sup>th</sup> to 24<sup>th</sup> December,2020 Phase 3 respectively.

#### **Appointing Short Term Training Program Organizing Committee**

PEC committee included Dr. N. W. Ingole, Prof. R. Y. Kale, Dr. N. P. Kataria, Prof. S. G. Adhau, Prof. S. D. Bonkile, Dr. M. V. Mohod for organizing STTP.

### 4. Feedback of the Participants

Faculties shared their experiences of the program. Some are shared at a glance of these are shared below:



### Feedback During STTP-I

Prof Prasad Vaidya, “nicely panned and organized training program. Thanks for wonderful training and hope we see some more like this in future. Congratulations to all team and specially Dr. Pajgade sir”.



Prof Prasad Vaidya



Prof. Avinash Jakate

Heartly congratulations to all the organizing team of Civil PRMIT&R Badnera. Really it was a wonderful STTP, all resource persons delivered good content which will be helpful to scholars to continue their research work. I too gained more information through this STTP. Thank you very much for organizing such an outstanding STTP.

“it was very nicely planned and organized STTP. Great experience to hear such eminent speakers. Congratulations and thanks to all team members”.



Dr. Suchita Hirde



Prof Ankit Kale

Prof. Ankit Kale, “thank you team PRMIT&R for arranging such a informative STTP, a really nice experience during this pandemic”.



### Feedback During STTP-II

The STTP on Wind & Earthquake Resistant Design has been a very new and exciting experience in this pandemic. I thank Dr. P. S. Pajgade & Dr. N. P. Kataria for allowing me to be the part of this very informative STTP



Satish Dhote



Dr. Vasugi V

The STTP on Wind & Earthquake Resistant Design has been need of today. I thank organizer for nicely arranging all the session specially Hands on training on software. I have attended various STTP no where we get such training. It really very useful. Thanks organizer allowing me to be the part of this very informative STTP

A big thanks to the PRMIT&R and organizers of such a wonderful, well organized program. All sessions were very useful to faculty as well as to students. Hats off to the entire team.



Dr. Hanamant Magarp



Mahesh R. Nalamwar

Dr. Shirdhonkar's session on Risk Targeted Seismic Design was very informative. All the doubts were properly evaluated. Also all the remaining speakers delivered very informative sessions which will prove to be very fruitful in the days to come.



### Feedback During STTP-III

I feel fortunate to be the part of this very innovative STTP on Wind & Earthquake Resistant Design. My various doubts and concepts are cleared after attending the STTP. My sincere thanks to all the organizers for arranging such wonderful STTP.



**Abdul Basit**



**Ganesh Wajal**



**Sachin Saraf**

Amongst all the STTP's that I have attended in this pandemic, I found this STTP most informative. The schedule was so properly set that every point was cleared. Also all the speakers were expert in their fields, so it was very easy to understand the concepts that were very important. Thanks and regards to the entire team.

I found the session of Behavior for Masonary Building during Earthquake & Earthquake Resistant Design by Dr. Pritul Haider very knowlegable and informative. All the sessions were very good from information point of view. My sincere thanks to all the organizers and speakers for arranging such valuable STTP



## Glimpses

### Participants During Validation Programme in Phase I

### Participants During Validation Programme in Phase II



### Participants During Validation Programme in Phase III

Dr. Sachin Bakre (VNIT Nagpur) during session in Phase I



INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

## BEHAVIOUR AND EARTHQUAKE RESISTANT DESIGN OF MASONRY BUILDINGS

**Yogendra Singh**  
Professor, Railway Bridge Chair  
Department of Earthquake Engineering  
Indian Institute of Technology Roorkee  
Roorkee, India

Yogendra Singh, Ashu Kataria, Pawan Taneja, CIVIL DEPARTMENT, Praveen Purohit

Dr. Yogendra Singh (IIT Roorkee) during session in Phase I

## Dynamics of Single Degree of Freedom System

**Ratnesh Kumar, Ph.D.**  
Associate Professor  
Department of Applied Mechanics  
VNIT NAGPUR, [www.vnit.ac.in](http://www.vnit.ac.in)

Ratnesh Kumar, Harshvardhan Naidu, Ashu Kataria, CIVIL DEPARTMENT, Ashu Singh Nigam

Dr. Ratnesh Kumar (VNIT, Nagpur) during session in Phase I



## WIND LOAD ANALYSIS OF WORKSHOP BUILDING

BY

**DR. L. M. GUPTA**

DEPARTMENT OF APPLIED MECHANICS  
VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY  
NAGPUR – 440 010



Dr. L. M Gupta (VNIT Nagpur) during session in Phase III

*Salient Aspects of*  
**Earthquake Resistant Design of  
Steel Moment Frame Buildings**



Dr. C. V. R. Murty (IIT Madras) during session in Phase III

P. S. Jagade

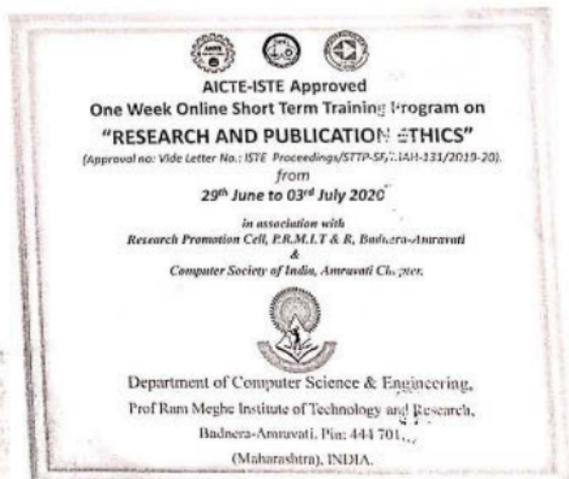
**Prof Ram Meghe Institute of Technology and Research, Badnera-Amravati**  
**Department of Computer Science and Engineering**

**AICTE-ISTE Approved**  
*(Vide Letter No.: ISTE Proceedings/STTP-SF/MAH-131/2019-20)*  
**One Week ONLINE SHORT TERM TRAINING PROGRAM**  
**(Interdisciplinary & Self Finance)**

**On**  
**“RESEARCH AND PUBLICATION ETHICS”**  
**In association with Research Promotion Cell P.R.M.I.T & R, Badnera**  
**&**  
**Computer Society of India (CSI) Amravati Chapter**  
**29<sup>th</sup> June 2020 to 03<sup>rd</sup> July 2020**

**REPORT ON STTP**

The One Week Online AICTE-STTP approved Short-Term Training Program on “Research and Publication Ethics” was organized during 29<sup>th</sup> June 2020 to 03<sup>rd</sup> July 2020. The Short-Term Training Program was conducted for Five Days, Two sessions per day. Total ten (10) sessions were held during the STTP. Ten resource persons (two resource persons per day, one each in every session) delivered lecture in the sessions and shared valuable knowledge among the participants. There were total Three hundred and Eleven (311) participants registered for Short-term program from 13 States and 01 union Territory of India.



Prof Ram Meghe Institute of Technology and Research, Badnera-Amravati  
Department of Computer Science and Engineering

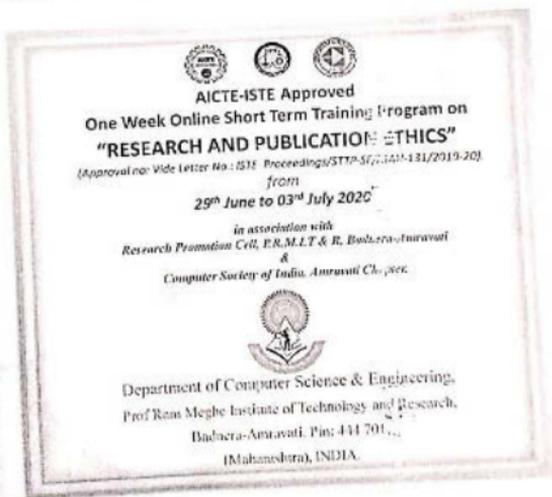
AICTE-ISTE Approved  
(Vide Letter No.: ISTE Proceedings/STTP-SF/M/11-131/2019-20)  
One Week ONLINE SHORT TERM TRAINING PROGRAM  
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Prof. Sangram S. Dandge Coordinator of Short-Term Training Program welcomed all the participants and gave a brief of the STTP conduction Plan. . Dr.G.R.Bamnote, Convener and Head of Department of Computer Science & Engineering, Prof. Ram Meghe Institute of Technology & Research, Badnera-Amravati welcomed the dignitaries present in the inaugural session Dr.P.M.Jawandhiya, Chairman CSI Amravati Chapter and Dr.S.V.Bansod, Chairman, Board of Studies, Production Engg. S.G.B Amravati University&Professor, Department of Mechanical Engineering, P.R.M.I.T & R, Badnera. Dr. G.R.Bamnote in his inaugural welcome address gave the importance of STTP and said that UGC notification of 9<sup>th</sup> August 2019 has also made the "Research and Publication Ethics (RPE)" mandatory for PhD scholars.

The Course Contents and Course Objective of Short-Term Program were:

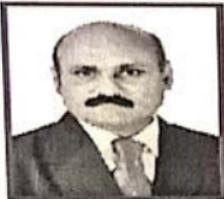
#### **Course Content:**

- Philosophy and Ethics
- Scientific Conduct
- Publication Ethics & Misconduct
- Open Access Publishing
- Database & Research Metrics

#### **Course Objectives:**

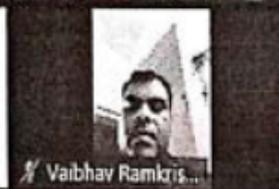
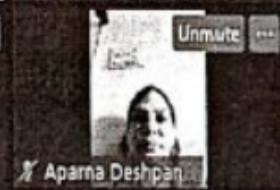
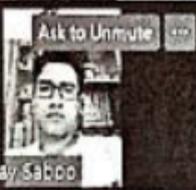
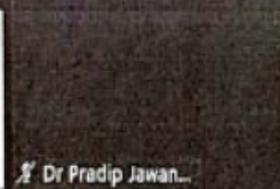
The Course Objective of Short Term Training Program (STTP) conducted make participant aware of the following

1. Integrity and Ethics with respect to Science and Engineering research.
2. Publication and Plagiarism Ethics.
3. Intellectual honesty and research integrity.
4. Scientific Misconduct.
5. Selective reporting and misrepresentation of data.
6. Use of Plagiarism software and Open Source tools.
7. Indexing and Citation databases, and metrics.

Day 1	Day 2	Day 3	Day 4	Day 5
				
<b>Dr. S. V. Bansod</b>	<b>Dr. Mrs. M. A. Pradhan</b>	<b>Dr. M. S. Ali</b>	<b>Dr. Ms. Harshalata Petkar</b>	<b>Dr. P. M. Jawandhiya</b>
<b>Session-1:</b>	<b>Session-1:</b>	<b>Session-1:</b>	<b>Session-1:</b>	<b>Session-1:</b>
				
<b>Dr. G. R. Bamnote</b>	<b>Dr. S. B. Bodkhe</b>	<b>Dr. M. P. Kherde</b>	<b>Dr. S. V. Dudul</b>	<b>Dr. N. V. Thakur</b>
<b>Session-2:</b>	<b>Session-2:</b>	<b>Session-2:</b>	<b>Session-2:</b>	<b>Session-2:</b>

Day	Name of Resource Person	Course Content Covered	Session
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	<b>Dr. Sanjay B. Bodkhe</b> Professor, Dept. of Electrical Engineering, Ramdebaba COE, Nagpur.	<b>Publication Ethics:</b> <ul style="list-style-type: none"> <li>• Publication ethics: definition, introduction and importance.</li> <li>• Best practices / standards setting initiatives and guidelines: COPE, WAME, etc.</li> <li>• Conflict of Interest.</li> <li>• Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa, types</li> <li>• Violation of publication ethics, authorship and contributor-ship</li> <li>• Identification of publication misconduct, complaints and appeals</li> <li>• Predatory publishers and journals.</li> </ul>	II	30 <sup>th</sup> June 2020
3	<b>Dr.M.S.Ali</b> Principal, PRMCEAM, Badnera-Amravati	<b>Open Access Publishing Initiatives and Opportunity in India</b>	I	01 <sup>st</sup> July 2020
	<b>Dr.M.P.Kherde</b> Director, Knowledge Resource Centre, SGBAU, Amravati	<b>Academic Integrity in Research and Publication</b>	II	01 <sup>st</sup> July 2020
4	<b>Dr.Ms.HarshalataPetkar</b> Assistant Professor, Mahatma Gandhi Antarashtriyia Hindi Vishwavidyalaya, Wardha	<b>Software Tools:</b> Use of plagiarism software like Turnitin, Urkund and other open source software tools.	I	02 <sup>nd</sup> July 2020
	<b>Dr.S.V.Dudul</b> Professor & Head, Electronics Department, SGBAU, Amravati	<b>Scientific Conduct:</b> <ul style="list-style-type: none"> <li>• Ethics with respect to science and research</li> <li>• Intellectual honesty and research integrity</li> <li>• Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP)</li> <li>• Redundant publications: duplicate and overlapping publications, salami slicing</li> <li>• Selective reporting and misrepresentation of data</li> </ul>	II	02 <sup>nd</sup> July 2020
5	<b>Dr.P.M.Jawandhiya</b> Principal, PLITM, Buldhana	<b>DATABASES AND RESEARCH METRICS:</b> (Databases): Indexing databases, Citation databases: Web of Science, Scopus, etc.	I	03 <sup>rd</sup> July 2020
	<b>Dr.N.V.Thakur</b> Professor, Dept. Computer Science & Engg., PRMCEAM, Badnera-Amravati.	<b>DATABASES AND RESEARCH METRICS:</b> (Research Metrics): Impact Factor of journal as per Journal Citation Report, SNIP, SIR, IPP, Cite Score, Metrics: h-index, g index, i10 index, altmetrics.	II	03 <sup>rd</sup> July 2020





Vidarbha Youth Welfare Society's  
 Prof Ram Meghe Institute of Technology and Research, Badnera-Amravati  
 Department of Computer Science and Engineering

AICTE-ISTE Approved  
 (Vide Letter No.: ISTE Proceedings/STTP-SF/MAH-131/2019-20)

One Week  
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 &  
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29<sup>th</sup> June 2020 to 03<sup>rd</sup> July 2020

**SCHEDULE**

<b>Day 1<sup>st</sup> 29<sup>th</sup> June 2020</b>			
<b>Time</b>	<b>Particulars</b>	<b>Session Master / Speaker</b>	<b>Duration</b>
10:30 AM to 10:35 AM	Commencement of STTP & Welcome Address	STTP Committee	05 min
10:35 AM to 10:50 AM	Inauguration & Speech		15 min
<b>Session-I</b>			
10:50 AM to 10:55 AM	Introduction of Speaker / Expert Session-I	Session Master	05 min
11:00 AM to 12:10 Noon	Session-I: Philosophy and Ethics	Dr. S.V.Bansod	60 min

**One Week**  
**ONLINE SHORT TERM TRAINING PROGRAM (Interdisciplinary)**  
**On**  
**"RESEARCH AND PUBLICATION ETHICS"**  
**29<sup>th</sup> June 2020 to 03<sup>rd</sup> July 2020**

**SCHEDULE**

<b>Day 2<sup>nd</sup> 30<sup>th</sup> June 2020</b>			
<b>Time</b>	<b>Particulars</b>	<b>Session Master / Speaker</b>	<b>Duration</b>
<b>Session-I</b>			
10:50 AM to 10:55 AM	Introduction of Speaker / Expert Session-I	Session Master	05 min
11:00 AM to 12:10 Noon	Session-I: Open Access Publishing	Dr. Mrs.M.A.Pradhan	60 min
<b>Session-II</b>			
12:10 PM to 12:15 PM	Introduction of Speaker / Expert Session-II	Session Master	05 min
12:15 PM to 01:30 PM	Session-II: Publication Misconduct	Dr. S.B.Bodkhe	60 min

<b>Day 3<sup>rd</sup> 01<sup>st</sup> July 2020</b>			
<b>Time</b>	<b>Particulars</b>	<b>Session Master / Speaker</b>	<b>Duration</b>
<b>Session-I</b>			
10:50 AM to 10:55 AM	Introduction of Speaker / Expert Session-I	Session Master	05 min
11:00 AM to 12:10 Noon	Session-I: Open access publications & initiatives	Dr. M.S.Ali	60 min
<b>Session-II</b>			
12:10 PM to 12:15 PM	Introduction of Speaker / Expert Session-II	Session Master	05 min
12:15 PM to 01:30 PM	Session-II: Academic Integrity in Research and Publication	Dr. M.P.Kherde	60 min

**One Week**  
**ONLINE SHORT TERM TRAINING PROGRAM (Interdisciplinary)**  
**On**  
**"RESEARCH AND PUBLICATION ETHICS"**  
**29<sup>th</sup> June 2020 to 03<sup>rd</sup> July 2020**

**SCHEDULE**

**Day 4<sup>th</sup> 02<sup>nd</sup> July 2020**

Time	Particulars	Session Master / Speaker	Duration
<b>Session-I</b>			
10:50 AM to 10:55 AM	Introduction of Speaker / Expert Session-I	Session Master	05 min
11:00 AM to 12:10 Noon	Session-I: Software Tools	Dr. Ms.HarshalataPetkar	60 min
<b>Session-II</b>			
12:10 PM to 12:15 PM	Introduction of Speaker / Expert Session-II	Session Master	05 min
12:15 PM to 01:30 PM	Session-II: Scientific Conduct	Dr. S.V.Dudul	60 min

**Day 5<sup>th</sup> 03<sup>rd</sup> July 2020**

Time	Particulars	Session Master / Speaker	Duration
<b>Session-I</b>			
10:50 AM to 10:55 AM	Introduction of Speaker / Expert Session-I	Session Master	05 min
11:00 AM to 12:10 Noon	Session-I: Databases: Indexing databases.	Dr. P.M.Jawandhiya	60 min
<b>Session-II</b>			
12:10 PM to 12:15 PM	Introduction of Speaker / Expert Session-II	Session Master	05 min
12:15 PM to 01:30 PM	Session-II: Research Metrics	Dr. N.V.Thakur	60 min
<b>Valedictory Session</b>			
01:30 PM to 01:35 PM	Brief Summary and Address	STTP Committee	05 min
01:35 PM to 01:45 PM	Vote of Thanks		10 min



# भारतीय तकनीकी शिक्षा संस्था

## INDIAN SOCIETY FOR TECHNICAL EDUCATION

(Under the Societies' Registration Act XXI of 1860)

**Prof. Vaidya Vijay Dattatray**  
Executive Secretary

ISTE/Proceedings/Online STTP-SF-MAH-026/2020-21

June 23, 2020

### **Proceedings of Executive Secretary, ISTE**

Sub. : Sanction to conduct full time Short-term Training Programme on Self-financing basis for the financial year 2020-2021.

Sanction is hereby accorded to the following institution for the conduct of the Online/SF-STTP/FDP programme indicated below:

Name of Institution	:	Prof. Ram Meghe Institute of Tech. & Research Amravati – 444 701
Topic	:	Tools & Techniques for Efficient & Effective Teaching Learning
Name & Address of Coordinators	:	Prof. Anand A. Chaudhari Prof. Ankit R. Mune Asst. Prof. Asst. Prof.
Duration	:	One Week (Minimum 05 Working Days)
Proposed dates	:	06-07-2020 to 10-07-2020

### **Terms and Conditions:-**

The institution offering the Programmes should be approved by AICTE and must be Institutional Member of ISTE. Institutions having ISTE Faculty Chapter and Students Chapter shall be preferred. There will be no financial commitment on the part of ISTE on account of this programme. The fee of one **proposal is Rs. 1180/- (Incl. 18% GST)** paid by DD in favour of ISTE New Delhi along with proposal or by NEFT/RTGS in the following ISTE Account **(Name of Account: ISTE Membership Fee, Account No: 6707247614 Bank: Indian Bank IFSC Code: IDIB000M089 Branch: Mehrauli Road New Delhi).**

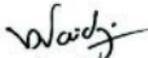
- 1 This will be a online program of the duration of 1 week/2 weeks/4 weeks.
- 2 The registration fee of the participants may be fixed by the host institution.
- 3 ISTE Life membership is necessary for participants to attend SF programmes. However, If any participant is not having life membership he/she may take the membership of ISTE before the starting of the course and apply by paying the fee to the course coordinator at the spot before the commencement of the programme. The Life Membership fee is Rs. 3540/- (Incl. 18% GST) to be paid by DD in favour of ISTE New Delhi or by NEFT/RTGS as per above Account details.

-/-2

Shaheed Jeet Singh Marg, Near Katwaria Saria, New Dehli – 110 016

Phone: 91-11 26513642, 26963431, 26514234, Fax: 91-11 26852421, E mail: [istedho@isteonline.org](mailto:istedho@isteonline.org) Website: [www.isteonline.in](http://www.isteonline.in)

- 4 The final report as mentioned in these guidelines is to be submitted online to ISTE within 15 days after completion of the Programme.
- 5 The institute should ensure that the Resource Persons should be well known personalities having thorough knowledge and he/she should be from an Institute or Industry.
- 6 **Since it is an Online program, e-Certificate to ISTE Life Members will be issued by ISTE from this office. Operational and processing fee of Rs. 100 +18% GST (Total Rs. 118/-) will be charged per participant. Institute conducting the program will collect the fee from participants and will send it to ISTE by DD or NEFT/RTGS with list of participants with their ISTE Life Membership Number. Institute conducting on line program will not issue Certificates with ISTE logo to Participants. Course coordinator is requested to ensure the same and attach payment proof or UTR number.**
- 7 **At least one test at the end is to be conducted to judge the performance of participants. Institute can conduct more test, if they desire. Attendance and successful completion of Test conducted is mandatory to receive certification by ISTE. Co Ordinator should ensure this while submitting list of participants to ISTE.**
- 8 **The Digital e-certificates to eligible participants will be sent by ISTE Delhi through organizing Institute.** The certificate contains the ISTE logo at the top. The digitally signed e-certificates will bear the Signatures of Executive Secretary, ISTE.
- 9 Above terms and conditions are applicable to Online Programs only.

  
Executive Secretary

To,

The Principal  
Prof. Ram Meghe institute of Technology & Research  
Badnera – Amravati – 444 701  
Maharashtra State

Copy to:

Prof. Anand A. Chaudhari  
Coordinator  
Prof. Ram Meghe institute of Technology & Research  
Badnera – Amravati – 444 701  
Maharashtra State

## **Guidelines to be followed for Online Programme**

### **Immediately after approval from ISTE**

- Link of FDP program brochure or template.
- Link of registration for faculties.
- Details of the program, day-wise
- List of Resource persons
- Topic and the outcome expected post the event

### **Before one of the session:-**

- Response sheet of participants received for considering total number of participant.

### **From Day 1 to till end every day before and after session (day)**

- Link of invitation of every session with password for joining.
- Attendance in respective online tools of attendee in screen shot or other format.
- Output response/ any test conducted every day or end of the FDP.
- Final results
- Response sheet of feedback of attendees on last day

Post the conduct of the event, the institute will submit the **outcomes achieved from the program.**

**SHARE A GOOGLE DRIVE LINK with ISTE IN WHICH INSTITUTE WILL UPDATE THE THINGS ON DAILY BASIS.**



PRMIT&R

VIDARBHA YOUTH WELFARE SOCIETY'S

# PROF. RAM MEGHE INSTITUTE OF TECHNOLOGY & RESEARCH

■ Recognized by All India Council for Technical Education, New Delhi ■

■ Affiliated to Sant Gadge Baba Amravati University, Amravati ■

■ Accredited by NAAC with 'A' Grade ■

To,  
Col. B. Venkat,  
Director FDC,  
AICTE,  
Nelson Mandela Marg, Vasant Kunj,  
New Delhi - 110070  
Email: [director.fdc@aicte-india.org](mailto:director.fdc@aicte-india.org)

**Subject** - Submission of document after conducting one-week STTP (3 Phases) through online mode under AQIS 2019-20 during the financial year 2020-21 on topic "Machine Learning and AI for Applications in Language, Vision and Control"

**Ref:** 1) File No34-66/357/FDC/STTP/Policy-1/2019-20 dated 10<sup>th</sup> August 2020

2) Letter for 'For AICTE approved institutes which have received grants for conducting STTP's / FDP 's under AQIS 2019-20.' Dated 14<sup>th</sup> September 2020.

Respected Sir,

With reference to (1) above we would like to thank you for sanctioning a Short-Term Training Program (STTP) under AQIS 2019-20 during the financial year 2020-21 on topic "Machine Learning and AI for Applications in Language, Vision and Control" and releasing sum of Rs. 3,85,000/- on 10<sup>th</sup> August 2020 for the same. Also, with reference to (2) above we would like to thank once again for granting the permission to conduct program through online mode.

Accordingly, the STTP's were planned through online mode. The STTP was successfully completed with (Phase 1: 55, Phase 2: 51, Phase-3: 48) participation during (Phase 1: 7<sup>th</sup> to 11<sup>th</sup> December 2020, Phase 2: 14<sup>th</sup> to 18<sup>th</sup> December 2020 and Phase 3: 21<sup>st</sup> to 25<sup>th</sup> December 2020).

The STTP had good response from Faculty and Researchers from various Engineering colleges. We are submitting herewith following documents for your kind consideration.

1. Original Statement of actual expenditure and Utilization Certificate
2. Feedback form
3. Copy of proceedings and completion report
4. List of candidates who have successfully completed the program on the basis of test conducted by Program Monitoring Committee
5. Report submitted by Program Monitoring Committee

Thanking You.

(Dr. Shirish M. Deshmukh)  
Coordinator of Program



Yours faithfully

(Dr. Arvind P. Bodhke)  
Chairman of Program Monitoring Committee

NAME & ADDRESS OF THE INSTITUTE: Prof Ram Meghe Institute of Technology and Research  
Anjangaon Bari Road, Badnera, Amravati 444701 (MS)

**UTILIZATION CERTIFICATE FOR THE FINANCIAL YEAR 2020-21****SHORT TERM TRAINING PROGRAM**

AICTE File No. : 34-66/357/FDC/STTP/Policy-1/2019-20 dated 10/08/2020

Name of Co-Ordinator : Dr. Shirish M. Deshmukh

Dates of the Programme : Phase I: 7<sup>th</sup> to 11<sup>th</sup> Dec 2020, Phase II: 14<sup>th</sup> to 18<sup>th</sup> Dec 2020  
Phase III: 21<sup>st</sup> to 25<sup>th</sup> Dec 2020

Title of the STTP Program : "Machine Learning and AI for Applications in Language, Vision And Control"

Sl. No.	AICTE Sanction Order/Letter No. & Date under which grant was sanctioned	Amount (Rs.)	
1.	34-66/357/FDC/STTP/Policy-1/2019-20 dated 10/08/2020	3,85,000/- Rs. Three Lac Eighty- Five Thousand Only	Certified that out of the grant-in-aid of Rs.3,85,000/- (Three Lac Eighty-Five Thousand Only) sanctioned by the AICTE during the financial year 2020-21 in favour Principal, Prof Ram Meghe Institute of Technology & Research as per letter mentioned in the col 2, Rs. NIL on of other income / receipts, a sum of Rs. 2,73,614/- has been utilized for the purpose for which it was sanctioned and the balance of Rs.1,11,386/- remained unutilized refunded AICTE on

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

**Kinds of checks exercised:-**

- Audited Annual Accounts of the
- Institute Receipt and Payment account
- Periodical Progress Reports.

(1) Name, Signature & Address of the Claimant/Awardee/Coordinator with seal:

  
Dr. Shirish M. Deshmukh  
Head of Electronics and Telecommunication Department,  
Prof Ram Meghe Institute of Technology and Research,  
Anjangaon Bari Road, Badnera, Amravati 444701

2) Signature of Chartered Accountant:

Name of Chartered Accountant:   
A. A. Badkar, Chartered Accountant  
Membership No. 175220  
Rubberstamp:  
Full Address:  
Date:

(3) Signature of Head of the Institute:

Name & Designation of the Head of  
Institute:   
Dr. A.P. Badkar, Principal  
Rubberstamp:  
PRMITSR, Badnera, Amravati  
Full Address: Anjangaon Bari Road  
Badnera-Amravati 444701  
Date: 30-07-2021 MH.



## Short Term Training Program(STTP)

**Annexure-II**

FORMAT FOR STATEMENT OF EXPENDITURE

ACTE File No: 34-66/037/FDC/STTP/Policy- 1/2019-20 dated 10/06/2020

Title of the Programme Machine Learning and AI for Applications in Language, Vision  
And Control

Name of the Coordinator: Dr. Shrish M. Deshmukh

Sanction No. and Date	Grant Sanctioned	Details of expenditure incurred Item wise	Amount Rs. (in each head)	No. of Participants	Duration of the Programme (with dates)
34-66/037/FDC/STTP/Policy-1/2019-20 dated 10/06/2020	Rs. 3,85,000/-	1. Boarding and lodging to the participants	Nil	Phase I: 05 Phase II: 51 Phase III: 48	Duration of One Week.  Dates: Phase I: 7 <sup>th</sup> to 11 <sup>th</sup> December 2020  Phase II: 14 <sup>th</sup> to 19 <sup>th</sup> December 2020  Phase III: 22 <sup>nd</sup> to 29 <sup>th</sup> December 2020
		2. T.A. to exhibition Participants	Nil		
		3. Honorarium to Course Co-Ordinator,	Rs. 15000/-		
		4. Lab Attendant	Rs. 9000/-		
		5. Reading materials to Participants	Nil		
6. Honorarium to Resource Persons	Rs. 2,23,500				
7. TADA to Resource Persons	Nil				
8. Miscellaneous charges (Internet, Electronics items, Office Content Delivery Platform for online STTP) Phase I, II and III	Rs. 26,116/-				
9. Unspent amount refunded to AICTE by cheque no. "711810" deposited in account number 56113199952 in	Rs. 1,11,366/-				
		Total	Rs. 3,85,000/-		
		Grant Received	Rs. 3,85,000/-		
		Balance to be Received	Nil		

(1)   
Name and Signature of  
Coordinator with Seal

Dr. S. M. Deshmukh



(2)   
Name and Signature of  
Head of Institution with  
Seal

Dr. A. P. Budhke

(3) Signature (with Seal) of the Finance Officer/  
Accountant/Auditor/Accounts Officer  
(If it is Govt./Govt. Aided Institute)

(4) Signature of Chartered Accountant  
Name of Chartered Accountant:  Abham M. Tiwari  
Membership No: 175220

Rubber stamp:

Full Address: Ganeshwadi Layout, Camp 1, Amravati 446602

Date: 04/04/21

UDIN: 21175220 AAAABG-8832



**ABHA SHARMA & COMPANY**  
**CHARTERED ACCOUNTANTS**  
**"RAMKAMAL"**

**90,GANEDIWAL LAYOUT,  
CAMP, AMRAVATI-444602  
MOB NO: 8698228060**

**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI**  
**AMBANI CENTER**  
**RECEIPTS AND PAYMENTS ACCOUNT**

RECEIPT	AMOUNT	AMOUNT	PAYMENT	AMOUNT	AMOUNT
GRANT RECEIVED FROM ACTE (TO From Govt. of Andhra from ACTE-115) (SI 10540-1882)	385000.00	385000.00	INDIRECT EXPENSES (withholding tax) Others Miscellaneous	48000.00 23614.00	266886.00
			HONORARIUM FEE TRANSFER TO COORDINATOR	50000.00	116886.00
			REDEEMPTION OF LAB ASSISTANT	9000.00	107886.00
			PROGRAMMER FEE TRANSFER TO EXPERTS	282500.00	79636.00
			CLOSING BANK BALANCE (SI 10540-1882)	111386.00	111386.00
<b>TOTAL</b>	<b>0.00</b>	<b>385000.00</b>	<b>TOTAL</b>	<b>0.00</b>	<b>385000.00</b>

DATE: 02/04/2021  
 PLACE: MUMBAI  
 CGR021175220000488883

CA ASHA SHARMA & CO COMPANY  
 CHARTERED ACCOUNTANTS

TS  
 10

CA ASHA TIWARI  
 PROPRIETOR  
 MEM. NO. 175220  
 FRN. NO. 143559 W



**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI**  
**AGRAVATI CENTER**  
**INCOME AND EXPENDITURE ACCOUNT**

EXPENDITURE	AMOUNT	AMOUNT	INCOME	AMOUNT	AMOUNT
<b>NON-FIXED EXPENSES</b>					
Authors fees	4500.00				
Others Miscellaneous	21614.00	26114.00			38500.00
<b>HONORARIUM FEE TRANSFER TO COORDINATOR</b>	15000.00	15000.00			
<b>RENUMERATION OF LAB ASSISTANT</b>	5000.00	5000.00			
<b>HONORARIUM FEE TRANSFER TO EXPERTS</b>	221500.00	221500.00			
<b>SURPLUS CARRIED OVER TO BALANCE SHEET</b>		111866.00			
<b>TOTAL</b>	<b>0.00</b>	<b>385000.00</b>	<b>TOTAL</b>	<b>0.00</b>	<b>385000.00</b>

DATE:02/04/2021  
 PLACE:AGRAVATI  
 UDR:21175220AAAAD08833

*Jan 21*

**FOR ABHA SHARMA AND COMPANY**  
**CHARTERED ACCOUNTANTS**



**CA. ABHA TIWARI**  
**PROPRIETOR**  
 MEM. NO. 175220  
 FRN. NO. 143568 W



**Department of Electronics & Telecommunication Engineering**

**AICTE Sponsored STTP on 'Machine Learning and AI for applications in Language, Vision and**

**Grant Received from AICTE under AQIS 2019-20 wide letter (Ref. No. 34-66/357/FDC/STTP/Policy-1/ 2019-20 dated 10th August, 2020) = 385000**

**Grant sanctioned through online mode per STTP= 93,000.00**

**Participants enrolled : 55**

**Phase -I (07.12.2020 to 11.12.2020)**

S/N	Particulars	Voucher No. / Bill No.	Date	Amount
1	Honorarium for Coordinator	15	14.12.2020	8000.00
2	Remuneration of Lab assistant	07	11.12.2020	3000.00
<b>Honorarium to Experts</b>				
a	Dr Manpreetsingh Maana	01	11.12.2020	8000.00
b	Dr M N Huda	02	11.12.2020	6000.00
c	Dr Sachin R Saldave	03	11.12.2020	6000.00
d	Prof. MPS Chawla	04	11.12.2020	6000.00
e	Dr. S. V. Dudal	05	11.12.2020	6000.00
f	Dr. G. R. Bannote	06	11.12.2020	6000.00
g	Prof. B. P. Fulsadi	08	14.12.2020	5500.00
h	Prof. A. B. Paedkar	09	14.12.2020	5500.00
i	Prof. V. J. Babrekar	10	14.12.2020	5500.00
j	Prof. M. V. Tiwari	11	14.12.2020	5500.00
k	Prof A. S. Utane	12	14.12.2020	5500.00
l	Dr. N. N. Khalsa	13	14.12.2020	5500.00
m	Prof A. D. Kadu	14	14.12.2020	5500.00
<b>4 Miscellaneous</b>				
a	Zoom Subscription	INV98231485	26.11.2020	5542.00
b	Hexamb Graphics (Broucher)	118	27.11.2020	1960.00
c	Abha Sharma nec Co. (Audit)		02.04.2021	1500.00
<b>Total</b>				<b>91500.00</b>

**In words: Ninety Two Thousand Five Hundred only**

Date: 30-07-21

  
**Dr. K. N. Dabre**  
 Coordinator STTP  
 on 'Machine Learning and AI for  
 applications in Language, Vision  
 and Control'

**Department of Electronics & Telecommunication Engineering**  
**AICTE Sponsored STTP on 'Machine Learning and AI for applications in Language,**

Grant Received from AICTE under AQIS 2019-20 wide letter (Ref. No. 34-66/357/FDC/STTP/Pollety-1/ 2019-20 dated 10th August, 2020) - 385000

Grant sanctioned through online mode per STTP= 93,000.00

Participants enrolled : 51

**Phase -II (14.12.2020 to 18.12.2020)**

S/N	Particulars	Voucher No. / Bill No.	Date	Amount
1	Honorarium for Coordinator Dr. S. M. Deshmukh	29	19.12.2020	5000.00
2	Remuneration of Lab assistant Mr. S. T. Deshmukh	20	19.12.2020	3000.00
3	<b>Honorarium to Experts</b>			
a	Dr. Shrikant Mehare	15	19.12.2020	6000.00
b	Dr. Sochin R. Salchare	16	19.12.2020	6000.00
c	Prof. MFS Chawia	17	19.12.2020	6000.00
d	Dr. S. V. Dudul	18	19.12.2020	6000.00
e	Dr. N. N. Khalsa	19	19.12.2020	6000.00
f	Prof. B. P. Fulede	21	19.12.2020	5500.00
g	Prof. A. B. Pardikar	22	19.12.2020	5500.00
h	Prof. V. J. Bahrekar	23	19.12.2020	5500.00
i	Prof. M. V. Triwari	24	19.12.2020	5500.00
j	Prof. A. S. Utane	25	19.12.2020	5500.00
k	Dr. N. N. Khalsa	26	19.12.2020	5500.00
l	Prof. A. D. Kadu	27	19.12.2020	5500.00
m	Dr. N. N. Khalsa	28	19.12.2020	6000.00
4	<b>Miscellaneous</b>			
a	New Sailkrupa Mobile (Wifi Dongle, Web Camera)	239	02.12.2020	7054.00
b	Abha Sharma and Co. (Audit)		02.04.2021	1500.00
<b>Total</b>				<b>91054.00</b>

In words: Ninety Two Thousand Five Hundred and Fifty Four only

Date: 30-07-21

  
**Dr. S. M. Deshmukh**  
 Coordinator STTP  
 on 'Machine Learning and AI  
 for applications in Language,  
 Video and Content

Prof. Ram Megha Institute of Technology & Research, Badnera - Amravati  
 Department of Electronics & Telecommunication Engineering

Grant Received from AICTE under AQIS 2019-20 vide letter (Ref. No. 34-56/357/FDC/STTP/Polity-1/ 2019-20 dated 10th August, 2020) - 385000

Grant sanctioned through online mode per STTP- 93,000.00

Participants enrolled : 48

Phase -III (21.12.2020 to 25.12.2020)

S/S	Particulars	Voucher No. / Bill No.	Date	Amount
1	Honorarium for Coordinator Dr. S. N. Deshmukh	43	26.12.2020	5000.00
2	Remuneration of Lab assistants Mr. Rajit Lamrewa	35	26.12.2020	3000.00
3	<b>Honorarium to Experts</b>			
a	Dr. Suprem Bajwad	29	26.12.2020	6000.00
b	Dr. C. N. Deshmukh	30	26.12.2020	6000.00
c	Dr. Sachin R. Sakhare	31	26.12.2020	6000.00
d	Prof. MRS Chavala	32	26.12.2020	6000.00
e	Dr. S. V. Dodul	33	26.12.2020	6000.00
f	Dr. N. K. Khulbe	34	26.12.2020	6500.00
g	Prof. B. P. Fuladi	36	26.12.2020	5500.00
h	Prof. A. B. Fozdar	37	26.12.2020	5500.00
i	Prof. V. J. Babekar	38	26.12.2020	5500.00
j	Prof. M. V. Yewat	39	26.12.2020	5500.00
k	Prof. A. B. Utate	40	26.12.2020	5500.00
l	Dr. M. N. Khosla	41	26.12.2020	5500.00
m	Prof. A. D. Kodu	42	26.12.2020	5500.00
4	<b>Miscellaneous</b>			
a	New Sakruga Mobile (With Dangala, Web Camera)	241	02.12.2020	500.00
b	AMAZON (Wacom Graphics Tablet)	IN-HYD3-442876	24.11.2020	6500.00
c	Alpha Sharma and Co. (Audio)		02.04.2021	1500.00
<b>Total</b>				<b>91050.00</b>

In words: Sixty Two Thousand and Sixty only

Date: 30-07-21

  
 Dr. S. N. Deshmukh  
 Coordinator STTP  
 as "Head of Learning and AI  
 for application in Language,  
 Video and Content"

Vidarbha Youth Welfare Society's  
**PROF. RAM MEGHE INSTITUTE OF TECHNOLOGY &  
RESEARCH, BADNERA**

**PAYMENT VOUCHER**

VO. NO : 07

Date: 11 December 2020

Debit/Credit  
Head :

Remuneration of Lab Assistant for AICTE sponsored STTP on ML &  
AI for Application in Language, Vision and control

Paid to : **Mr. Rohit Lanjewar**

Particular	Rs.	Ps.	online Transaction Id with Date
Remuneration paid to <b>Mr. Rohit Lanjewar as Lab Assistant for AICTE Sponsored STTP on "Machine Learning and A.I. for Applications in Language, Vision and Control" organised by EXTC Department Phase- I ( 07 to 11 dec 2020)</b>	3000	0.00	Phone Pay T2012111644157 244241066
Rs. In words : Three Thousand Rupees	3000 /-	0.00	

  
Paid by  
**Dr. S. M. Deshmukh**  
Coordinator STTP

  
  
Signature  
Received in Cash/Cheque  


Zoom Video Communications Inc.  
55 Almaden Blvd, 6<sup>th</sup> Floor  
San Jose, CA 95113  
billing@zoom.us

Invoice Date: 11/25/2020  
Invoice #: INV98231485  
Payment Term: Due Upon Receipt  
Due Date: 11/28/2020  
Account Number: 57563114  
Currency: USD  
Account Information: PRM T & R, bednera  
Anjangaoo Bari Road, New Express Highway,  
Annavati  
Annavati Maharashtra 444701  
India  
tpomtech@mitra.ac.in

Purchase Order Number:

Customer VAT/Tax Number:

Zoom WC9

## CHARGE DETAILS

Charge Description	Service Period	Subtotal	Tax	TOTAL
Charge Name: Standard Pro Monthly Quantity: 1 Unit Price: \$14.99	11/26/2020-12/25/2020	\$14.99	\$0.00	\$14.99
Charge Name: 500 Participants meeting Monthly Quantity: 1 Unit Price: \$50.00	11/26/2020-12/25/2020	\$50.00	\$0.00	\$50.00

## INVOICE TOTALS

Subtotal:	854.99
Amount	4889.20
Currency Conversion Charges	Rs. 650.00
Total Invoice in INR:	Rs. 6540.00

Vidarbha Youth Welfare Society's  
**PROF. RAM MEGHE INSTITUTE OF TECHNOLOGY &  
RESEARCH, BADNERA**

**PAYMENT VOUCHER**

VO. NO : 20

Date: 19 December 2020

Debit/Credit      **Remuneration of Lab Assistant for AICTE sponsored STTP on ML &  
Hend :                      AI for Application in Language, Vision and control**

Paid to : **Mr. S. T. Deshmukh**

Particular	Rs.	Ps.	online Transaction Id with Date
Remuneration paid to <b>Mr. S. T. Deshmukh as Lab Assistant for AICTE Sponsored STTP on "Machine Learning and A.I. for Applications in Language, Vision and Control" organised by EXTC Department Phase- II ( 14 to 18 Dec 2020)</b>	3000	0.00	phone pay UPI <b>T20121813251662 12908340</b>
Rs. In words : Three Thousand Rupees	3000 /-	0.00	

  
Paid by  
**Dr. S. M. Deshmukh**  
Coordinator STTP

  
Signature  
Received in Cash/Cheque



Vidarbha Youth Welfare Society's  
**PROF. RAM MEGHE INSTITUTE OF TECHNOLOGY &  
RESEARCH, BADNERA**

**PAYMENT VOUCHER**

VO. NO : 35

Date: 26 December 2020

Debit/Credit Head : **Renumeration of Lab Assistant for AICTE sponsored STTP on ML & AI for Application in Language, Vision and control**

**Paid to : Mr. Rohit Lanjewar**

Particular	Rs.	Ps.	online Transaction Id with Date
Renumeration paid to <b>Mr. S. T. Deshmukh as Lab Assistant</b> for AICTE Sponsored STTP on "Machine Learning and A.I. for Applications in Language, Vision and Control" organised by EXTC Department Phase- III ( 21 to 25 Dec 2020)	3000	0.00	
Rs. In words : Three Thousand Rupees	3000 /-	0.00	

  
**Paid by**  
**Dr. S. M. Deshmukh**  
Coordinator STTP

  
  
**Signature**  
**Received in Cash/Cheque**