

AVANTHI INSTITUTE OF ENGINEERING & TECHNOLOGY

PREFACE

Each member of the faculty must become a learner before he/she becomes a teacher. It is a two-way process. To maximise the ability of faculty to teach and students to learn and to nurture a productive culture, faculty development should lie at the heart of any higher education institution. To enhance and empower the faculty in their own domain of knowledge, we, the institution, organize faculty development and training programs for both teaching and non-teaching faculty yearly.

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LIST OF THE PROGRAMS

S.No	Title of the program	Date/s 20-07-2020
1.	A Five Day Online Faculty Development Program on "Imaging and Neural Networks"	to 24-07-2020 10-05-2021
2.	A Five Day Online Faculty Development Program on "Hybrid Renewable Energy Resources"	to 14-05-2021 18-05-2021
3.	A Three Day Training Program on "Time Management"	to 20-05-2021



FACULTY DEVELOPMENT PROGRAM-1

TOPIC : A Five Day Faculty Development Program on "Imaging and neural networks"

Date/s : 20-07-2020 to 24-07-2020

Venue : Avanthi Institute of Engineering and Technology, Makavarapalem.

Resource Person : Mr. E. Govinda

INTRODUCTION:

A neural network is a method in artificial intelligence that teaches computers to process data in a way that is inspired by the human brain. It is a type of machine learning process, called deep learning that uses interconnected nodes or neurons in a layered structure that resembles the human brain. It creates an adaptive system that computers use to learn from their mistakes and improve continuously. Thus, artificial neural networks attempt to solve complicated problems, like summarizing documents or recognizing faces, with greater accuracy.

OBJECTIVE:

To impart the knowledge to trace the historical developments of artificial intelligence leading to artificial neural networks, shallow neural networks, deep neural networks, Convolutional neural networks.

PROGRAM SCHEDULE:

S.No	Date	Time	TOPIC	Resource Person
1	20-07-2020	10:00 AM to 01:00 PM	Basics of imaging techniques	Mr. E. Govinda
2	21-07-2020	10:00 AM to 01:00 PM	neural networks basics	Mr. E. Govinda
3	22-07-2020	10:00 AM to 01:00 PM	shallow neural networks	Mr. E. Govinda
4	23-07-2020	10:00 AM to 01:00 PM	deep neural networks	Mr. E. Govinda
5	24-07-2020	10:00 AM to 01:00 PM	convolutional neural networks	Mr. E. Govinda

Principal



ST OF T	THE PARTICIPANTS:	Designation
.No	Name Of The Teaching Faculty	Associate Professor
1.	R. Prasad Rao	Assistant Professor
	T. Pattala Naidu	Assistant Professor
2.	M. Ranganath Sarat	Assistant Professor
3.	K. Uma Shankar	Assistant Professor
4.	R. Aneel Kumar	Assistant Professor
5.	D. Pavana Kumari	Assistant Professor Assistant Professor
6.	P. Raghava Kumari	
7.	F. Ragnava Ram	Assistant Professor
8.		Assistant Professor
9.	S. Phani varaprasad	Assistant Professor
10.	B. Ajitha Teja	Assistant Professor
11.	D. Srinivasa Rao	Assistant Professor
12.	K. Santosh Kumar	Assistant Professor
13.	G. Sandhya	Assistant Professor
14.	K.V.S. Ganesh	Assistant Professor
15.	B. Mahalakshmi	Assistant Professor
16.	K. Madhavi	
17.	R. Sireesha	Assistant Professor

Outcomes of the FDP:

This program benefitted the faculty to learn and understand about the deep learning process in neural networks and the different algorithms that are used to analyse the behaviour of an AI.

Principal
Avanthi Institute of Engg. & Technology

Tamaram, Wakaverepelem Md., Visakhapatnam District., Pin: 531113



LIST OF THE PARTICIPANTS:

.No	Name Of The Teaching Faculty	Designation
1.	R. Prasad Rao	Associate Professor
2.	T. Pattala Naidu	Assistant Professor
3.	M. Ranganath Sarat	Assistant Professor
4.	K. Uma Shankar	Assistant Professor
5.	R. Aneel Kumar	Assistant Professor
6.	D. Pavana Kumari	Assistant Professor
7.	P. Raghava Kumari	Assistant Professor
8.	K. Dhilli	Assistant Professor
9.	S. Phani varaprasad	Assistant Professor
10.	B. Ajitha Teja	Assistant Professor
11.	D. Srinivasa Rao	Assistant Professor
12.	K. Santosh Kumar	Assistant Professor
13.	G. Sandhya	Assistant Professor
14.	K.V.S. Ganesh	Assistant Professor
15.	B. Mahalakshmi	Assistant Professor
16.	K. Madhavi	Assistant Professor
17.	R. Sireesha	Assistant Professor

Outcomes of the FDP:

This program benefitted the faculty to learn and understand about the deep learning process in neural networks and the different algorithms that are used to analyse the behaviour of an AI.



RESOURCE PERSON PROFILE

Name : Mr. E. Govinda

Designation: Associate Professor

Qualification: M.Tech, (Ph.D.)

Contact No : 9640189549

E-mail ID : ennamgovinda19@gmail.com

Mr. E. Govinda is born in Annavaram, Visakhapatnam, Andhra Pradesh. He completed his Masters of Technology from JNTU, Hyderabad and pursuing his Ph.D., FROM GITAM University. He have 17 years of teaching experience and presently working as an Associate professor in Avanthi Institute of Engineering & Technology.



Name of the program: Imaging and neural networks

Date/s : 20-07-2020 to 24-07-2020

Organized by : Department Of Electronics & Communication Engineering



Participants And Resource Person Attending The Faculty development Program On "Imaging and neural networks"

Principal

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Visakhapatnam District., Pin: 531113



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

TAMARAM, MAKAVARAPALEM, VISAKHAPATNAM-531113

Academic year 2020-21

Name of	the Program:	A five day online faculty development program on "Imaging and neural networks"								
Org	anized by:	Department of Electronics & Communication Engineering								
	Date/s:		20-07-2020 То 24-07-2020							
S.No	Name Of The Teaching Faculty	2017	21/7	21/7	23/7	24/7				
1	R. Prasad Rao	V	/	V	V	V				
2	T. Pattala Naidu	V	V	V	/	~				
3	M. Ranganath Sarat	V	V	V	V	V				
4	K. Uma Shankar	V	V	V	V	✓ ×				
5	R. Aneel Kumar	V	V	V	V	V				
6	D. Pavana Kumari	V	V	V	V	~				
7	P. Raghava Kumari	✓	V	V	/	✓				
8	K. Dhilli	V	V	/	~	~				
9	S. Phani varaprasad	/		V	V	V				
10	B. Ajitha Teja	V	/	V	V	V				
11	D. Srinivasa Rao	V	V	V	V	V				

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12	K. Santosh Kumar	V	V		V	V
13	G. Sandhya	/	V	/	/	V
14	K.V.S. Ganesh	V	V	V	V	V
15	B. Mahalakshmi	~	V	V	V	V
16	K. Madhavi	V	V	V		V
17	R. Sireesha			V	V	V

Coorinator

Principal



FACULTY FEEDBACK FORM

: Imaging & Newm! Mlw's. : 20/2/2020. to 24/2/2020. : H. madhavi Name of the program

Date of the program

Name of the participant

Branch

: ECE : 855595 3839. Mobile

We appreciate your help in evaluating this program. Please indicate your rating of the presentation in the categories below by circling the appropriate number, using a scale of 1 (Low) through 4 (High). Please fill out all the details of this form.

l.	Whether the program met the expected objectives	A	3	2	1
2.	Contents covered in the program	A	3	2	1
3.	Interactive Sessions	4	3	2	1
4.	Facilities	A	3	2	1

Any further comments:

Signature of Participant



FEEDBACK ANALYSIS

Name of the program: Imaging and Neural Networks

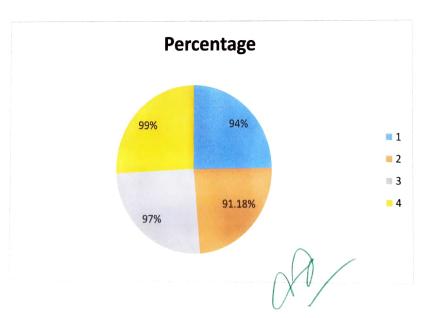
Date/s

: 20-07-2020 to 24-07-2020

Organized by

: Department Of Electronics & Communication Engineering

S.N O	PARAM ETER	EXCELLE NT		GOOD		SATISFACT ORY		NOT SATISFACT ORY		TOTAL	
		Resp onse	Mar ks	Respo nse	Mar ks	Respo nse	Mar ks	Respo nse	Mar ks	Total Mark s	Percentag e
1	Whether the program met the expected objectives	14	56	2	6	1	2	0	0	64	94%
2	Contents covered in the program	15	60	1	0	1	2	0	0	62	91.18%
3	Interactive sessions	15	60	2	6	0	0	0	0	66	97%
4	Facilities	16	64	1	3	0	0	0	0	67	99%



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A five day faculty development program on

"Imaging and neural networks"

Certificate of participation

This is to certify that Dr./Mr./Ms	K.	madhaui	
FromAVANTHI INSTITUTE OF ENG	INEE	RING AND TEC	CHNOLOGY has participated and
Completed successfully A Five Day Faculty	Dev	elopment Progran	n on "Imaging and neural networks"

held from 20th - 24th July, 2020, Organized by Dept of Electronics & Communication Engineering AT AVANTHLINSTITUTE OF ENGINERING & TECHNOLOGY

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/anth Institute of Engg. & Technology Tantaram, Makavars palem Md., Parakhapatnam Distriction

PRINCIPAL



FACULTY DEVELOPMENT PROGRAM- 2

TOPIC : A five day online faculty development program on "Hybrid renewable energy

resources"

Date/s : 10-05-2021 to 14-05-2021

Venue : Google meet, Avanthi Institute of Engineering and Technology, Makavarapalem.

Resource Person : Dr. T. Srinivasa Rao

INTRODUCTION:

Hybrid power systems are those that generate electricity from two or more sources, usually renewable, sharing a single connexion point. Although the addition of powers of hybrid generation modules are higher than evacuation capacity, inverted energy never can exceed this limit.

OBJECTIVES:

The objectives of the Faculty Development Program are

- To understand the renewable energy resources.
- To understand the need of energy storage systems.
- To understand the types of hybrid renewable energy resources
- To check the environmental quality after using the hybrid techniques.

PROGRAM SCHEDULE:

S.No	Date	Time	Topic	Resource Person
1	27-05-2019	10:00 AM to 01:00 PM	Introduction to Renewable Energy Resources	Dr. T. Srinivasa Rao
2	28-05-2019	10:00 AM to 01:00 PM	Energy Storage Systems	Dr. T. Srinivasa Rao
3	29-05-2019	10:00 AM to 01:00 PM	Types of Hybrid Renewable Energy Resources	Dr. T. Srinivasa Rao
4	30-05-2019	10:00 AM to 01:00 PM	Types of Hybrid Renewable Energy Resources-II	Dr. T. Srinivasa Rao
5	31-05-2019	10:00 AM to 01:00 PM	Environmental Quality & Culmination	Dr. T. Srinivasa Rao



LIST OF THE PARTICIPANTS:

S.No	Name Of The Teaching Faculty	Designation
1	M.V. Ramanamurty	Professor
2	K. Durga Rao	Assistant Professor
3	S. Sujatha Devi	Assistant Professor
4	K. Naryana Rao	Assistant Professor
5	P. Varahala Dora	Assistant Professor
6	G. Rajasekhar Yadav	Assistant Professor
7	U. Anjaiah	Assistant Professor
8	P. Anil Kumar	Assistant Professor
9	S. Rishikesh	Assistant Professor
10	A. Nagendra	Assistant Professor

OUTCOMES OF THE FDP:

- This program is used to gain importance in the current engineering research domain.
- This program covers the renewable energy storage systems and the types that enhance the establishment of hybrid methods without changing the quality in environment.
- It also encouraged the faculty to do research or further study on hybrid renewable energy resources.

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Visakhapatnam District., Pin: 531113

RESOURCE PERSON PROFILE

Name : Dr. T. Srinivasa Rao

Designation: Professor

Qualification: M.E., Ph.D.

Contact No : 9963000511

E-mail ID : srinivasarai_tegala@yahoo.com

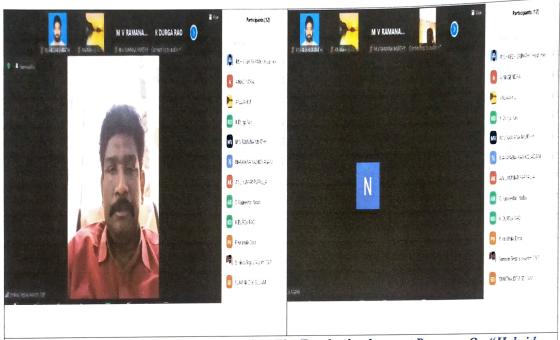
Mr. T. Srinivasa Rao, is born in Visakhapatnam, Andhra Pradesh. He received Ph.D. from Andhra University. He have 27 years of teaching experience as a professor in Avanthi Institute of Engineering and Technology.



Name of the program: Hybrid Renewable Energy Resources

Date/s : 10-05-2021 to 14-05-2021

Organized by : Department of Electrical & Electronics Engineering



Participants And Resource Person Attending The Faculty development Program On "Hybrid

Renewable Energy Resources"



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

TAMARAM, MAKAVARAPALEM, VISAKHAPATNAM-531113

Academic year 2020-21

Name o	f the Program:	A Five day online faculty development program on "Hybrid renewable energy resources" Department of Electrical & Electronics Engineering						
Org	ganized by:							
	Date/s:		10-0	5-2021 To 14-0	5-2021			
S.No	Name Of The Teaching Faculty	1015	11/5	1215	13/5	14/5		
1	M.V. Ramanamurty	V	V		~			
2	K. Durga Rao	~	V	V	/	V		
3	S. Sujatha Devi	~		V	/	V		
4	K. Naryana Rao	/	/	V	V	V		
5	P. Varahala Dora	V		~	V	V		
6	G. Rajasekhar	V	V	/	V	/		
7	U. Anjaiah	./	V		V	/		
8	P. Anil Kumar	./	~	V	V	/		
9	S. Rishikesh	/	V	V	V	V		
10	A. Nagendra	1/	~	/	\ \ \ \	/		

Coordinator

Principal Principal

Avanthi Institute of Engg. & Technology

Tamaram, Meliningsons's



FACULTY FEEDBACK FORM

: Hybrid renewable energy resources. : 10-5-2021 to 14-5-2021. : A. Nagendra. : EEE Name of the program

Date of the program

Name of the participant

Branch

: 9492635653. Mobile

We appreciate your help in evaluating this program. Please indicate your rating of the presentation in the categories below by circling the appropriate number, using a scale of 1 (Low) through 4 (High). Please fill out all the details of this form.

1.	Whether the program met the expected objectives	A	3	2	1
2.	Contents covered in the program	4	3	2	1
3.	Interactive Sessions	4	3	2	1
4.	Facilities	A	3	2	1

Any further comments: - 10 =



FEEDBACK ANALYSIS

Name of the program: Hybrid Renewable Energy Resources

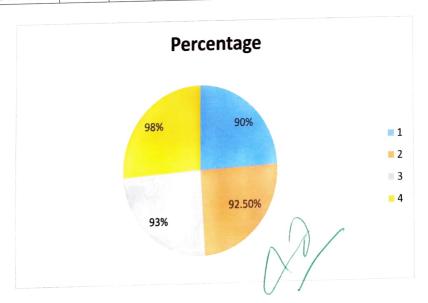
Date/s

: 10-05-2021 to 14-05-2021

Organized by

: Department of Electrical & Electronics Engineering

	PARAME TER	EXCELLENT		GOOD		SATISFACT ORY		NOT SATISFACT ORY		TOTAL	
S.NO		Respo nse	Mark s	Resp onse	Mar ks	Respo nse	Mar ks	Respo nse	Mar ks	Tota l Mar ks	Percentage
1	Whether the program met the expected objectives	7	28	2	6	1	2	0	0	36	90%
2	Contents covered in the program	8	32	1	3	1	2	0	0	37	92.50%
3	Interactive sessions	7	28	3	9	0	0	0	0	37	93%
4	Facilities	9	36	1	3	0	0	0	0	39	98%



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Visakhapatnam District., Pin: 531113



AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY

A five day faculty development program on

"Hybrid renewable energy resources"

Certificate of participation

This is to certify that Dr./Mr./Ms.	
This is to certify that District The OF ENGINEEDING AND TECHN	OI (

From ___AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY has participated and Completed successfully A Five Day Faculty Development Program on "Hybrid renewable energy"

resources"

held from 10th -14th May, 2021. Organized by Dept of Electrical & Electronics Engineering AT AVANTHI INSTITUTE OF ENGINERING & TECHNOLOGY.

Coordinator

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PRINCIPAL

Avanthi Institute of Engg. & Technology

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TRAINING PROGRAM

: A Three day training program on "Time Management". TOPIC

: 18-05-2021 to 20-05-2021 Date/s

: Google meet, Avanthi Institute of Engineering and Technology, Makavarapalem. Venue

: Dr. Lova Baliji Resource Person

INTRODUCTION:

Time management is the process of organizing and planning how to divide your time between different activities. Get it right, and you'll end up working smarter, not harder, to get more done in less time, even when time is tight and pressures are high. The highest achievers manage their time exceptionally well.

OBJECTIVES:

The objectives of this training program is:

- How not to be a procrastinator?
- How to set and plan goals?
- How to schedule tasks?
- How to complete the To- Do lists?

PROGRAM SCHEDULE:

	OGRAM SCI		Topic	Resource Person	
.No	Date	Time	•	Dr. Lova Baliji	
1	18-05-2021	10:00 AM to 01:00 PM	Procrastination	Dr. Eova Bang.	
			Personal goal setting, Types of	D. J Deliii	
2 19-05-2021		10:00 AM to 01:00 PM	Goals	Dr. Lova Baliji	
		01 00 DM	Schedule tasks and TO- DO Lists	Dr. Lova Baliji	
3	20-05-2021	10:00 AM to 01:00 PM	Schedule tasks and 10- Do Elete	,	



LIST OF THE PARTICIPANTS:

S.No	Name Of The Non-teaching Staff	Designation				
1.	G. Appala Naidu	Accountant				
2.	S.Appala Rao	Exam Cell				
3.	N. Srinivasa Rao	Examiner				
4. K. Appa Rao		Office Assistant				
5. G. Nagarjuna		Lab Assistant				
6. B. Jagadeeswara Rao		Office Assistant				
7.	N. Jagga Rao	Library Assistant				
8.	M. Satyanarayana	Attender Office Assistant Lab Assistant				
9.	K.Satyanarayana					
10.	Ch. Durga Prasad					
11.	K. Ravi Kumar	Lab Assistant				
12.	L. Nageswara Rao	System Admin				
13.	Ch Srinivas	Lab Assistant				
14.	P. Mani Babu	Lab Assistant				
15.	Y. Lova Raju	Lab Assistant				
16. M. Siva Kumar		Lab Assistant				

OUTCOMES OF THE PROGRAM:

 This Training program enrich the skill of Non-teaching staff by minimizing the procrastination, and setting the goals for the scheduled tasks without pending.

RESOURCE PERSON PROFILE

Name : Dr. Lova Baliji

Designation: Assistant Professor

Qualification: M.B.A., Ph.D.

Contact No : 9849675848

E-mail ID : lovaspecial@gmail.com

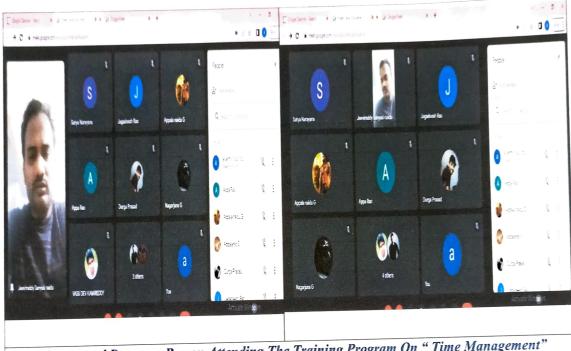
Mr. Lova Baliji, is born in Makavarapalem, Andhra Pradesh. He received his Ph.D. from GITAM University, Visakhapatnam. He has 5 years of teaching experience in Avanthi Institute of Engineering And Technology as an Assistant professor.



Name of the program: Time Management

: 18-05-2021 to 20-05-2021 Date/s

: Department of Electrical & Electronics Engineering Organized by



Participants and Resource Person Attending The Training Program On "Time Management"



AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

TAMARAM, MAKAVARAPALEM, VISAKHAPATNAM-531113

Academic year 2020-21

Name o	f the Program:	A Three Day			
Org	ganized by:				
	Date/s:				
S.No	Name Of The Non- Teaching Faculty	1615	19/5	2015	
1	G. Appala Naidu	V	V	~	
2	S.Appala Rao	✓	V	/	
3	N. Srinivasa Rao	/	V		
4	K. Appa Rao	/	/	V	
5	G. Nagarjuna	/	/	✓	
6	B. Jagadeeswara	/	V	/	
7	N. Jagga Rao	<u> </u>	/	V	
8	M. Satyanarayana	/	V	Avanthil	V Principal
9	K.Satyanarayana	/	/	√ lama	netitute of Engg. & Technology ram, Makavarapalem Md.,
10	Ch. Durga Prasad	/	V	Visakha	apatnam District, Pin-531113
11	K. Ravi Kumar	/	/	V	

12	L. Nageswara Rao	1/	V	V
13	Ch Srinivas	/	/	/
14	P. Mani Babu	V	V	/
15	Y. Lova Raju	V	V	V
16	M. Siva Kumar	V	V	V

Coordinator



FACULTY FEEDBACK FORM

Name of the program

Time Management 18/05/2011 to 20/5/2021 K. Rayi Kumar Date of the program

Name of the participant

Branch MBA

Mobile 9885129698

We appreciate your help in evaluating this program. Please indicate your rating of the presentation in the categories below by circling the appropriate number, using a scale of 1 (Low) through 4 (High). Please fill out all the details of this form.

1.	Whether the program met the expected objectives	4	3	2	1
	Contents covered in the program	4			
3.	Interactive Sessions	4	_		
4.	Facilities	4			

Any further comments: That you



FEEDBACK ANALYSIS

Name of the program: Time Management

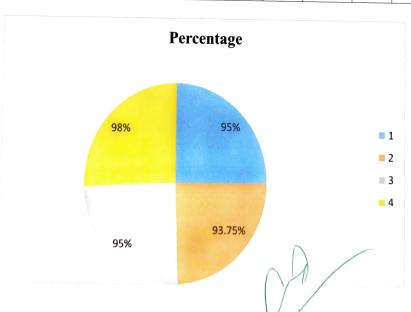
Date/s

: 18-05-2021 to 20-05-2021

Organized by

: Department of Electrical & Electronics Engineering

S.N O	PARAME TER	EXCELLEN T		GOOD		SATISFACT ORY		NOT SATISFACT ORY		TOTAL	
		Respo nse	Mar ks	Respo nse	Mar ks	Respo nse	Mar ks	Respo nse	Mar ks	Tota I Mar	Percent age
1	Whether the program met the expected objectives	14	56	1	3	1	2	0	0	61	95%
2	Contents covered in the program	13	52	2	6	1	2	0	0	60	93.75
3	Interactive sessions	13	52	3	9	0	0	0	0	61	95%
4	Facilities	15	60	1	3	0	0	0	0	63	98%



Principal
Avanthi Institute of Engg. & Technology
Tamaram, Makavarapalem Md.



AVANTHI

INSTITUTE OF ENGINEERING & TECHNOLOGY

A three day training program on

" TIME MANAGEMENT"

Certificate of participation

This is	to certify that	Dr./Mr./Ms	K.	Ravi	Kumar.
_		IN COMPANY OF THE	OF PRICINI	FFDINIC	ANID TI

From___AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY has participated and Completed successfully A Three Day Training Program on "Time Management"

held from 18th -20th May, 2021, Organized by Dept of Management Studies AT AVANTHLINSTITUTE OF ENGINERING & TECHNOLOGY.

Coordinator

HOD

Principal

PRINCIPAL

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