



MOTHER THERESA INSTITUTE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, Affiliated to JNTUA, Anantapuramu,

Melumoi Post, PALAMANER – 517408, Chittoor Dist.,(A.P.)

Phone: 08579-268589 Cell: 9866888648 email: mtieat@gmail.com Web: mtitech.edu.in

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

A
One Week Workshop
On
Applications of
Artificial Intelligent Techniques
To
Power System and Power Electronics
Issues

(12-09-2016 to 17-09-2016)



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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Ref No.: MTIET/EEE/WS/RL/2016-17

Date: 06/09/2016

From
Head of the Department,
Department of EEE
Mother Theresa Institute of Engineering and Technology
Melumoi, palamaner

To
The Principal,
Mother Theresa Institute of Engineering and Technology
Melumoi, Palamaner.

Respected Sir,

Sub: Request for permission to organize One Week Workshop-Reg

This is to bring to your notice that the EEE department has proposed to organize One Week workshop on “APPLICATIONS OF ARTIFICIAL INTELLIGENT TECHNIQUES TO POWER SYSTEM AND POWER ELECTRONICS ISSUES” during 12th SEP to 17th SEP, 2016 for students. So, please give us permission to organize the workshop to enrich the knowledge of student in the area of “ARTIFICIAL INTELLIGENCE”.

Thanking you sir,

Yours sincerely,
HOD/EEE


HEAD OF THE DEPT
Electrical & Electronic Engg
mother theresa inst of Engg & Tech
Palamaner-517408


6/9/16.
PRINCIPAL
Mother Theresa Institute of
Engineering and Technology
PALAMANER - 517 408



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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Ref No.: MTIET/BRANCH/WS/RL/2016-17

Date: 07/09/2016

From
Head of the Department,
Department of EEE
Mother Theresa Institute of Engineering and Technology
Melumoi.

To
The Dr. N.M.G Kumar
Associate Professor
Dept of EEE, SVEC,
Tirupathi.

Respected Sir,

Sub: Request for acceptance as resource person for the workshop. Reg

In order to enhance the knowledge of the students in the field of Power systems, department of EEE is going to organize an one week workshop on Applications of Artificial Intelligent Techniques to Power System and Power Electronics Issues. Commenced from 12th SEP 2016 to 17th SEP 2016. In this context, on behalf of Management, principal & EEE dept, I request you to accept our request to act as resource person for the program for the mentioned duration.

Contact number: 9494454734

Thanking you sir,


HEAD OF THE DEPT
Electrical & Electronic Engg
Mother Theresa Inst of Engg & Tech
Palamaner-517408
Yours sincerely
K. Krishna Reddy
HOD, EEE



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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Date: 09/09/2016

Ref No: MTIET/EEE/WS/CIRCULAR/2016-17

Circular

This is for the kind notice to all the students that department of EEE going to organize a one week workshop On Applications of Artificial Intelligent Techniques to Power System and Power Electronics Issues. Commenced from 12th SEP 2016 to 17th SEP 2016. In this context, interested students of EEE are instructed to register their names to the following faculty coordinators by on or before 10th SEP 2016 by 05:00 PM.

Note: Participants are limited to 70 only on First Cum First Serve basis

Faculty Coordinators of the workshop:

1. N.V.Kishore Kumar

Assistant Professor,

2. C. Sudhakar

Assistant Professor,

Venue: Main Seminar Hall.

Copy To: circulate to all classes,
Circular to faculty,
Copy to notice board
Copy to file.

HOD/EEE


HEAD OF THE DEPT
Electrical & Electronic Eng
mother theresa inst of Engg & Tech
Palamaner-517408

ABOUT THE COLLEGE:

Mother Theresa Institute of Engineering & Technology was established in the year 2010 with an objective to impart quality education to students in the fields of Science and Technology. The College is affiliated to Jawaharlal Nehru Technological University ananthapuram(JNTUA) Ananthapur and approved by All India Council for Technical Education (New Delhi). MTIET is located on Madanapalli highway, Near Melumoi 5kms from Palamaner, in serene and lush green surroundings. The institute was founded to educate and empower the youth who play a decisive role in shaping the destiny of the nation. The college has a rich tradition of pursuing Academic Excellence and overall personal growth. This is achieved by providing excellent infrastructure, along with the presence of dedicated and highly qualified, faculty members, who monitor students individually with a single-minded aim of giving students a perfect launchpad to build their future and ensuring an all-round development along with professionalism.

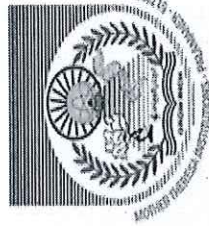
Our vision is to apply the knowledge to expand the personal growth and to create the miscellany of ideas leading to the development of the society. We concentrate on social development, fostering economic competitiveness and to improve the quality of life by merging the professional skills, intellectual capacity and conceptual development with the educational program.

Our mission is to provide such path to the students that will lead them to the invincible heights of knowledge with exemplary professional qualities. Our college program reflects the philosophy that real education is that which converts the students into

the servers of humanity. In our institute, the innovation, creativity, learning and application knowledge are synergically balanced.

ABOUT THE DEPARTMENT:

The Department has always been on a high growth path to keep pace with the ever increasing importance of the major disciplines of study and current technology trends. The Department has strong research programmes leading to PG, degree in all the areas of Electrical and Electronics Engineering. A large number of PG. scholars are currently engaged in cutting edge research in the Department, In addition to the well-equipped curriculum related laboratories, the Department has many state of the art facilities for assisting research and development in Electrical, Electronics Technologies.



APPLICATIONS OF ARTIFICIAL INTELLIGENT
TECHNIQUES TO POWER SYSTEM
AND POWER ELECTRONICS ISSUES

Organized by

DEPARTMENT OF ELECTRICAL AND
ELECTRONICS ENGINEERING

website : www.mtitech.edu.in
Phone : 08579 - 268589, 268583



MOTHER THERESA INSTITUTE OF
ENGINEERING & TECHNOLOGY

Approved by AICTE, New Delhi

Affiliated JNTUA, Ananthapur

Melumoi(Post), Palamaner,

Chittoor(Dist) 517408



Chief Patrons :
Sri. M.R.Sunil, Chairman

Sri. M. RavindraBabu, Correspondent

Patrons :
Dr. R. Rajendra Reddy, Academic Director
Dr. M. Lakshmikantha Reddy, Principal

Convener :
Mr.K.Krishna Reddy, HOD, EEE Dept.

Organizing Committee:
Mr.N.V.Kishore Kumar, Asst. Professor

Mr.C.Sudhakar, Asst. Professor

Mr.B.Nanda Kumar, Asst. Professor

Mr.D.V.Kiran, Asst. Professor

Mrs. T.A.Bhavana, Asst. Professor

Mr.S.Reddikhasim,Asst.Professor

REGISTRATION FEE:

Faculty :Rs.200
Participants from Industry :Rs.300
PG Students :Rs.200

HOW TO APPLY

Interested persons are requested to fill in the registration form and send it to the address given below along with a crossed demand draft drawn in favour of the Principal, MTIET, PALAMANER, payable at State Bank of India, Palamaner. TA/DA will not be provided to the Participants.

IMPORTANT DATE 10-09-2016

Last date for Receipt of applications: 10.09.2016
Intimation of acceptance through e-mail / phone :9494454734

ACCOMMODATION

Free accommodation will be provided for outstation participants at our college hostels on request.

Cell : 9494454734
e-mail : mtiet@gmail.com

A ONE WEEK WORKSHOP ON APPLICATIONS OF ARTIFICIAL INTELLIGENT TECHNIQUES TO POWER SYSTEM AND POWER ELECTRONICS ISSUES

Name: _____
Gender: _____
Designation: _____
Organization: _____
Address for Correspondence: _____
Phone: (O) _____ (R) _____
Fax: _____
E-Mail: _____
Experience (Years): _____
Areas of Research Interest: _____
Accommodation required: YES/NO
Payment Details:
DD No: _____ Date: _____
Amount: Rs. _____ Drawn on _____

Place: _____
Date: _____
Applicant's Signature





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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

APPLICATIONS OF ARTIFICIAL INTELLIGENT TECHNIQUES TO POWER SYSTEM AND POWER ELECTRONICS ISSUES

(12/09/2016 to 17/09/2016)

WORKSHOP SYLLABUS

- 1) Overview
- 2) Introduction to Artificial intelligence
- 3) Major AI techniques
- 4) Fuzzy Logic systems (FL)
- 5) Use of AI in power systems
- 6) AI in transient stability analysis
- 7) Applying AI to smart grid problems
- 8) Use of AI in power electronics
- 9) Artificial Intelligence Applications in PE
- 10) Long time performance & reliability of PE converters by ANN
- 11) AI application in drive control
- 12) ML application to PE
- 13) Fault detection in electrical drives through ML
- 14) Practice



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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

APPLICATIONS OF ARTIFICIAL INTELLIGENT TECHNIQUES TO POWER SYSTEM AND POWER ELECTRONICS ISSUES

(12/09/2016 to 17/09/2016)

WORKSHOP SCHEDULE

Program Schedule Day 1

DATE	TIME	EVENT	VENUE
12/09/2016	9:10am – 9:45 am	Registration	Reception
	9:45 am – 10:30 am	Inauguration	Visvesvaraya Seminar Hall
	10:30 am – 11:30 am	Welcome address by HOD to participants & keynote by principal to participants.	
	11:30 am – 11:45 am	TEA BREAK	
	11:45 am – 1:10 pm	Introduction to Artificial intelligence	
	1:10 pm – 1:55 pm	LUNCH BREAK	
	1:55 pm – 3:10 pm	Major AI techniques (Artificial Neural Networks (ANNs) Expert System Techniques (XPS)	
	3:10 pm – 3:25 pm	TEA BREAK	
	3:25 pm – 4:30 pm	Fuzzy Logic systems (FL) & Genetic algorithm (GA)	

Program Schedule Day 2

DATE	TIME	EVENT	VENUE
13/09/2016	09:30 am – 11:30 am	Use of AI in power systems	
	11:30 am – 11:45 am	TEA BREAK	
	11:45 am – 1:10 pm	Artificial Intelligence Applications in Power System	
	1:10 pm – 1:55 pm	LUNCH BREAK	
	1:55 pm – 3:10 pm	Application of AI techniques in monitoring & operation of power system	
	3:10 pm – 3:25 pm	TEA BREAK	
	3:25 pm – 4:30 pm	AI in power station	

Program Schedule Day 3

DATE	TIME	EVENT	VENUE
14/09/2016	09:30 am – 11:30 am	AI in transient stability analysis	
	11:30 am – 11:45 am	TEA BREAK	
	11:45 am – 1:10 pm	AI application to distribution network	
	1:10 pm – 1:55 pm	LUNCH BREAK	
	1:55 pm – 3:10 pm	Applying AI to smart grid problems	
	3:10 pm – 3:25 pm	TEA BREAK	
	3:25 pm – 4:30 pm	Quarries regarding AI to power system	

Program Schedule Day 4

DATE	TIME	EVENT	VENUE
15/09/2016	09:30 am – 11:30 am	Use of AI in power electronics	
	11:30 am – 11:45 am	TEA BREAK	
	11:45 am – 1:10 pm	Artificial Intelligence Applications in PE	
	1:10 pm – 1:55 pm	LUNCH BREAK	
	1:55 pm – 3:10 pm	Expert system, fuzzy logic,	
	3:10 pm – 3:25 pm	TEA BREAK	
	3:25 pm – 4:30 pm	Metaheuristic method, and machine learning	

Program Schedule Day 5

DATE	TIME	EVENT	VENUE
16/09/2016	09:30 am – 11:30 am	AI techniques to reduce harmonics in PE converters	
	11:30 am – 11:45 am	TEA BREAK	
	11:45 am – 1:10 pm	Long time performance & reliability of PE converters by ANN	
	1:10 pm – 1:55 pm	LUNCH BREAK	
	1:55 pm – 3:10 pm	AI application in drive control	
	3:10 pm – 3:25 pm	TEA BREAK	
	3:25 pm – 4:30 pm	AI application in drive control	

Program Schedule Day 6

DATE	TIME	EVENT	VENUE
17/09/2016	09:30 am – 11:30 am	ML application to PE	
	11:30 am – 11:45 am	TEA BREAK	
	11:45 am – 1:10 pm	Fault detection in electrical drives through ML	
	1:10 pm – 1:55 pm	LUNCH BREAK	
	1:55 pm – 3:10 pm	Quaries related to AI in PE & Vote of thanks by HOD	
	3:10 pm – 3:25 pm	TEA BREAK	
	3:25 pm – 4:30 pm	certificate distribution with feedback on the program by participants	

 HOD/EEE
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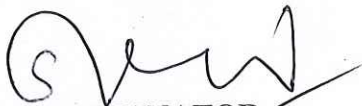
APPLICATIONS OF ARTIFICIAL INTELLIGENT TECHNIQUES TO POWER SYSTEM AND POWER ELECTRONICS ISSUES

(12/09/2016 to 17/09/2016)

REGISTRATION FORM

S.NO	NAME OF THE STUDENT	BRANCH	COLLEGE NAME	SIGNATURE
1	AALA KALANANDA VAMSI KRISHNA REDDY	EEE	MTIET	Aamf
2	AR NAVEENA	EEE	MTIET	Naveena
3	CHEEKURU VENKATESH	EEE	MTIET	Cheekuru Venkatesh
4	CHINNA REDDIGARI HARI BABU	EEE	MTIET	-Hari Babu
5	DHARMAVARAM DAMODARAM	EEE	MTIET	D. Damodharan
6	DARSI MANOJ KUMAR	EEE	MTIET	Manoj Kumar
7	GAJULA MAHESH	EEE	MTIET	G. Mahesh
8	GILLELA SRILATHA	EEE	MTIET	G. SriLatha
9	GURRAMKONDA VINOD KUMAR	EEE	MTIET	Vinod Kumar
10	J LAVANYA	EEE	MTIET	J. Lavanya
11	KARJALA VIJAYALAKSHMI	EEE	MTIET	K. Vijayalakshmi
12	M KALYAN	EEE	MTIET	M. Kalyan
13	MOTA SIREESHA	EEE	MTIET	M. Sireesha
14	NARE MOUNIKA	EEE	MTIET	N. Mounika
15	PASUPULATI SANTOSH KUMAR	EEE	MTIET	P. Santhosh Kumar
16	PINAPEDDA CHANDRABABU	EEE	MTIET	Chandra Babu
17	P INDUMATHI	EEE	MTIET	P. Indumathi
18	SEDE SREENATH	EEE	MTIET	Sreenath
19	SEENI THEJASREE	EEE	MTIET	S. Tejasree
20	SHAIK SHAHUL	EEE	MTIET	Shahul
21	S JABEENA	EEE	MTIET	S. Jabena
22	THOTI AMJEETH KUMAR	EEE	MTIET	T. Amjeeth Kumar
23	V LIKHITHA	EEE	MTIET	V. Likhitha
24	V R CHAITANYA	EEE	MTIET	V. Chaitanya
25	VEMAREDDY PRASANTH KUMAR	EEE	MTIET	V. Prashanth
26	YARRAM MAHENDRA	EEE	MTIET	K. Mahendra

27	CHETTERI MAHESH	EEE	MTIET	Mahesh
28	D NAVEEN KUMAR	EEE	MTIET	D Naveen
29	E PRASHANTH KUMAR NAIK	EEE	MTIET	E Prashanth
30	GOWDA THEJA	EEE	MTIET	G. Theja
31	K GUNASEKHAR	EEE	MTIET	K. Gunasekhar
32	K RAJESH	EEE	MTIET	K. Rajesh
33	KAGATI PAVAN KALYAN	EEE	MTIET	K. Kalyan
34	KAMAKSHI YASWANTH KUMAR	EEE	MTIET	K. Yashwanth
35	KAMMILLA VENUGOPAL	EEE	MTIET	K. Venugopal
36	KARAMALA ANILKUMAR	EEE	MTIET	K. Anilkumar
37	KEMPILI AMARNATH	EEE	MTIET	K. Amarnath
38	KOTHURU SREEKANTH	EEE	MTIET	K. Sreekanth
39	M SREEKANTH	EEE	KEC	M. Sreekanth
40	MASIGUNA MAHENDRA	EEE	KEC	M. Mahendra
41	MITTAPALLI SRINATH REDDY	EEE	KEC	M. Srinath Reddy
42	MOPARAPALLI ANANDA SARIKA	EEE	KEC	M. Sarika
43	MUCHUGUTTA RAMALINGA REDDY	EEE	KEC	Ramalinga
44	N MAHESH BABU	EEE	KEC	N. Mahesh Babu
45	OBULAPPAGARI SIVAKUMAR	EEE	KEC	S. Sivakumar
46	PAYAKA SUNEEL KUMAR	EEE	KEC	P. Sunil
47	R RANJITHA	EEE	SVCET	R. Ranjitha
48	REVOORU ARUN KUMAR	EEE	SVCET	R. Arun Kumar
49	SETTIVARI NARESH	EEE	SVCET	N. Nareesh
50	THOTI VIJAYAKUMAR	EEE	SVCET	T. Vijayakumar
51	V TAJ SULTHANA	EEE	SVCET	V. Taj Sulthana
52	VEERARAGHAVULA CHINNA REDDAPPA REDDY	EEE	AEC	V. Chinna Reddy
53	YENNABATHULLA SASI KUMAR REDDY	EEE	AEC	Sasi Kumar
54	JAKKALA MAHENDRA	EEE	AEC	J. Mahendra


COORDINATOR
 (C. Sudhakar)


HOD/EEE
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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Applications of Artificial Intelligent Techniques to Power System
and Power Electronics Issues
(12/09/2016 to 17/09/2016)

ATTENDANCE SHEET

Sl.No	NAME OF THE STUDENTS	DATE: 12/09/2016	
		SESSION - I	SESSION - II
1	AALA KALANANDA VAMSI KRISHNA REDDY	P	P
2	AR NAVEENA	P	P
3	CHEEKURU VENKATESH	P	P
4	CHINNA REDDIGARI HARI BABU	P	P
5	DHARMAVARAM DAMODARAM	P	P
6	DARSI MANOJ KUMAR	P	P
7	GAJULA MAHESH	P	P
8	GILLELA SRILATHA	P	P
9	GURRAMKONDA VINOD KUMAR	P	P
10	J LAVANYA	P	P
11	KARJALA VIJAYALAKSHMI	A	A
12	M KALYAN	P	P
13	MOTA SIREESHA	P	P
14	NARE MOUNIKA	P	P
15	PASUPULATI SANTOSH KUMAR	P	P
16	PINAPEDDA CHANDRABABU	P	P
17	P INDUMATHI	P	P
18	SEDE SREENATH	P	P
19	SEENI THEJASREE	P	P
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21	S JABEENA	A	A
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23	V LIKHITHA	P	P
24	V R CHAITANYA	P	P
25	VEMAREDDY PRASANTH KUMAR	P	P

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27	CHESTERI MAHESH	P	P
28	D NAVEEN KUMAR	P	P
29	E PRASHANTH KUMAR NAIK	P	P
30	GOWDA THEJA	P	P
31	K GUNASEKHAR	P	P
32	K RAJESH	A	A
33	KAGATI PAVAN KALYAN	P	P
34	KAMAKSHI YASWANTH KUMAR	P	P
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38	KOTHURU SREEKANTH	P	P
39	M SREEKANTH	P	P
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42	MOPARAPALLI ANANDA SARIKA	P	P
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51	V TAJ SULTHANA	P	P
52	VEERARAGHAVULA CHINNA REDDAPPA REDDY	A	A
53	YENNABATHULLA SASI KUMAR REDDY	P	P
54	JAKKALA MAHENDRA	P	P


COORDINATOR
 (C. Sudhakar)


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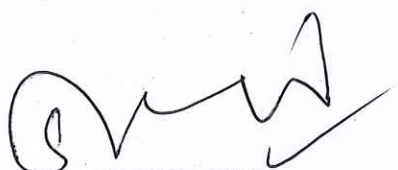
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19	SEENI THEJASREE	P	P
20	SHAIK SHAHUL	P	P
21	S JABEENA	P	P
22	THOTI AMJEETH KUMAR	A	A
23	V LIKHITHA	P	P
24	V R CHAITANYA	P	P
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28	D NAVEEN KUMAR	P	P
29	E PRASHANTH KUMAR NAIK	P	P
30	GOWDA THEJA	P	P
31	K GUNASEKHAR	P	P
32	K RAJESH	P	P
33	KAGATI PAVAN KALYAN	A	A
34	KAMAKSHI YASWANTH KUMAR	P	P
35	KAMMILLA VENUGOPAL	P	P
36	KARAMALA ANILKUMAR	P	P
37	KEMPILI AMARNATH	P	P
38	KOTHURU SREEKANTH	P	P
39	M SREEKANTH	P	P
40	MASIGUNA MAHENDRA	P	P
41	MITTAPALLI SRINATH REDDY	P	P
42	MOPARAPALLI ANANDA SARIKA	P	P
43	MUCHUGUTTA RAMALINGA REDDY	P	P
44	N MAHESH BABU	A	A
45	OBULAPPAGARI SIVAKUMAR	P	P
46	PAYAKA SUNEEL KUMAR	P	P
47	R RANJITHA	P	P
48	REVOORU ARUN KUMAR	P	P
49	SETTIVARI NARESH	P	P
50	THOTI VIJAYAKUMAR	P	P
51	V TAJ SULTHANA	A	A
52	VEERARAGHAVULA CHINNA REDDAPPA REDDY	P	P
53	YENNABATHULLA SASI KUMAR REDDY	P	P
54	JAKKALA MAHENDRA	P	P


COORDINATOR
 (C. Sudhakar)


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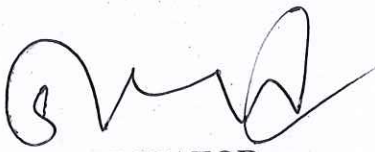
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Applications of Artificial Intelligent Techniques to Power System
and Power Electronics Issues
(12/09/2016 to 17/09/2016)

ATTENDANCE SHEET

Sl.No	NAME OF THE STUDENTS	DATE: 14/09/2016	
		SESSION – I	SESSION - II
1	AALA KALANANDA VAMSI KRISHNA REDDY	P	P
2	AR NAVEENA	P	P
3	CHEEKURU VENKATESH	P	P
4	CHINNA REDDIGARI HARI BABU	A	A
5	DHARMAVARAM DAMODARAM	P	P
6	DARSI MANOJ KUMAR	P	P
7	GAJULA MAHESH	P	P
8	GILLELA SRILATHA	P	P
9	GURRAMKONDA VINOD KUMAR	P	P
10	J LAVANYA	A	A
11	KARJALA VIJAYALAKSHMI	P	P.
12	M KALYAN	P	P
13	MOTA SIREESHA	P	P
14	NARE MOUNIKA	P	P
15	PASUPULATI SANTOSH KUMAR	P	P
16	PINAPEDDA CHANDRABABU	P	P
17	P INDUMATHI	A	A
18	SEDE SREENATH	P	P
19	SEENI THEJASREE	P	P
20	SHAIK SHAHUL	P	P.
21	S JABEENA	P	P
22	THOTI AMJEETH KUMAR	P	P
23	V LIKHITHA	P	P
24	V R CHAITANYA	P	P
25	DEMAREDDY PRASANTH KUMAR	P	P.

26	YARRAM MAHENDRA	P	P
27	CHETTERI MAHESH	P	P
28	D NAVEEN KUMAR	P	P
29	E PRASHANTH KUMAR NAIK	P	P
30	GOWDA THEJA	P	P
31	K GUNASEKHAR	P	P
32	K RAJESH	P	P
33	KAGATI PAVAN KALYAN	A	A
34	KAMAKSHI YASWANTH KUMAR	P	P
35	KAMMILLA VENUGOPAL	P	P
36	KARAMALA ANILKUMAR	P	P
37	KEMPILI AMARNATH	P	P
38	KOTHURU SREEKANTH	P	P
39	M SREEKANTH	P	P
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43	MUCHUGUTTA RAMALINGA REDDY	P	P
44	N MAHESH BABU	A	A
45	OBULAPPAGARI SIVAKUMAR	P	P
46	PAYAKA SUNEEL KUMAR	P	P
47	R RANJITHA	P	P
48	REVOORU ARUN KUMAR	P	P
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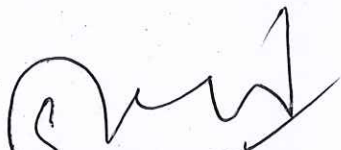
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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Applications of Artificial Intelligent Techniques to Power System and Power Electronics Issues

(12/09/2016 to 17/09/2016)

Feedback Form

Name of the Student: G. mahesh
Choose:

Branch/Year:

- 5- Excellent
- 4- Very Good
- 3- Good
- 2- Fair
- 1- Poor

S.No	Description	5	4	3	2	1
1	Organization of Subject in Logical Sequence	✓				
2	Clarity and audibility of Speech		✓			
3	Method of Explanation with proper Illustrations & Examples	✓				
4	Demonstration of Exercises in Lab	✓	✓			
5	Way of Raising doubts & Effective clarification of doubts		✓			
6	Relevance of the lecture to the topic announced	✓				
7	Overall Performance	✓				

Suggestions if any:


Signature



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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Applications of Artificial Intelligent Techniques to Power System and Power Electronics Issues (12/09/2016 to 17/09/2016)

Feedback Form

Name of the Student: A.R. Navana

Branch/Year:

Choose:

- 5- Excellent
- 4- Very Good
- 3- Good
- 2- Fair
- 1- Poor

S.No	Description	5	4	3	2	1
1	Organization of Subject in Logical Sequence			✓		
2	Clarity and audibility of Speech	✓				
3	Method of Explanation with proper Illustrations & Examples		✓			
4	Demonstration of Exercises in Lab		✓			
5	Way of Raising doubts & Effective clarification of doubts	✓				
6	Relevance of the lecture to the topic announced	✓				
7	Overall Performance	✓				

Suggestions if any:


Signature



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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Applications of Artificial Intelligent Techniques to Power System and Power Electronics Issues

(12/09/2016 to 17/09/2016)

Feedback Form

Name of the Student: *M. Kalyan*
Choose:

Branch/Year:

- 5- Excellent
- 4- Very Good
- 3- Good
- 2- Fair
- 1- Poor

S.No	Description	5	4	3	2	1
1	Organization of Subject in Logical Sequence	✓				
2	Clarity and audibility of Speech		✓			
3	Method of Explanation with proper Illustrations & Examples	✓				
4	Demonstration of Exercises in Lab	✓				
5	Way of Raising doubts & Effective clarification of doubts			✓		
6	Relevance of the lecture to the topic announced	✓				
7	Overall Performance	✓				

Suggestions if any:

M. Kalyan
Signature



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Feedback Analysis

Number of students submitted Feedback Forms: 54

Total number of Points: 270

S.No	Description	Excellent	Very Good	Good	Fair	Poor	%
1	Organization of Subject in Logical Sequence	26	16	9	3	0	84.07
2	Clarity and audibility of Speech	27	15	3	9	0	82.22
3	Method of Explanation with proper Illustrations & Examples	25	17	8	4	0	83.33
4	Demonstration of Exercises in Lab	25	20	7	2	0	85.18
5	Way of Raising doubts & Effective clarification of doubts	24	15	10	5	0	80.73
6	Relevance of the lecture to the topic announced	29	16	7	2	0	86.66
7	Overall Performance	30	15	5	4	0	86.33
Total							84.07

Total Points ≥ 90 → Excellent (5 Points)

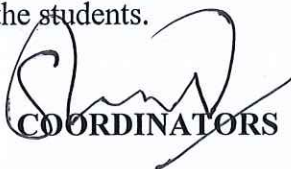
Total Points ≥ 80 → Very Good (4 Points)

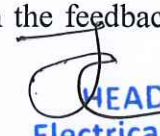
Total Points ≥ 70 → Good (3 Points)

Total Points ≥ 50 → Fair (2 Points)

Total Points ≤ 49 → Poor (1 Points)

Feedback analysis report: The WORKSHOP was very good based on the feedback percentage that was given by the students.


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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Applications of Artificial Intelligent Techniques to Power System and Power Electronics Issues

(12/09/2016 to 17/09/2016)

REPORT ON WORKSHOP

The Department of Electrical and Electronics Engineering of, Mother Teresa Institute of Engineering and Technology, Palamaner has organized a one week workshop on “Applications of Artificial Intelligent Techniques to Power System and Power Electronics Issues” during 12-17th September 2016 with an aim of getting scientists, senior academicians and research scholars working in the area of Artificial Intelligence & machine learning applications under one platform to emphasize the importance of this area of research and development.

Dr. N.M.G. Kumar has given a lecture series and demonstration on various Artificial Intelligent Techniques on first two days. Followed by a session on Artificial Neural Networks application to Power System and Artificial Intelligent Techniques on application to Power Electronics.

No of Student Participants: 54

The programme is started with welcome note by the HOD K. Krishna Reddy followed by the lecture session.

During this workshop the following points were discussed:

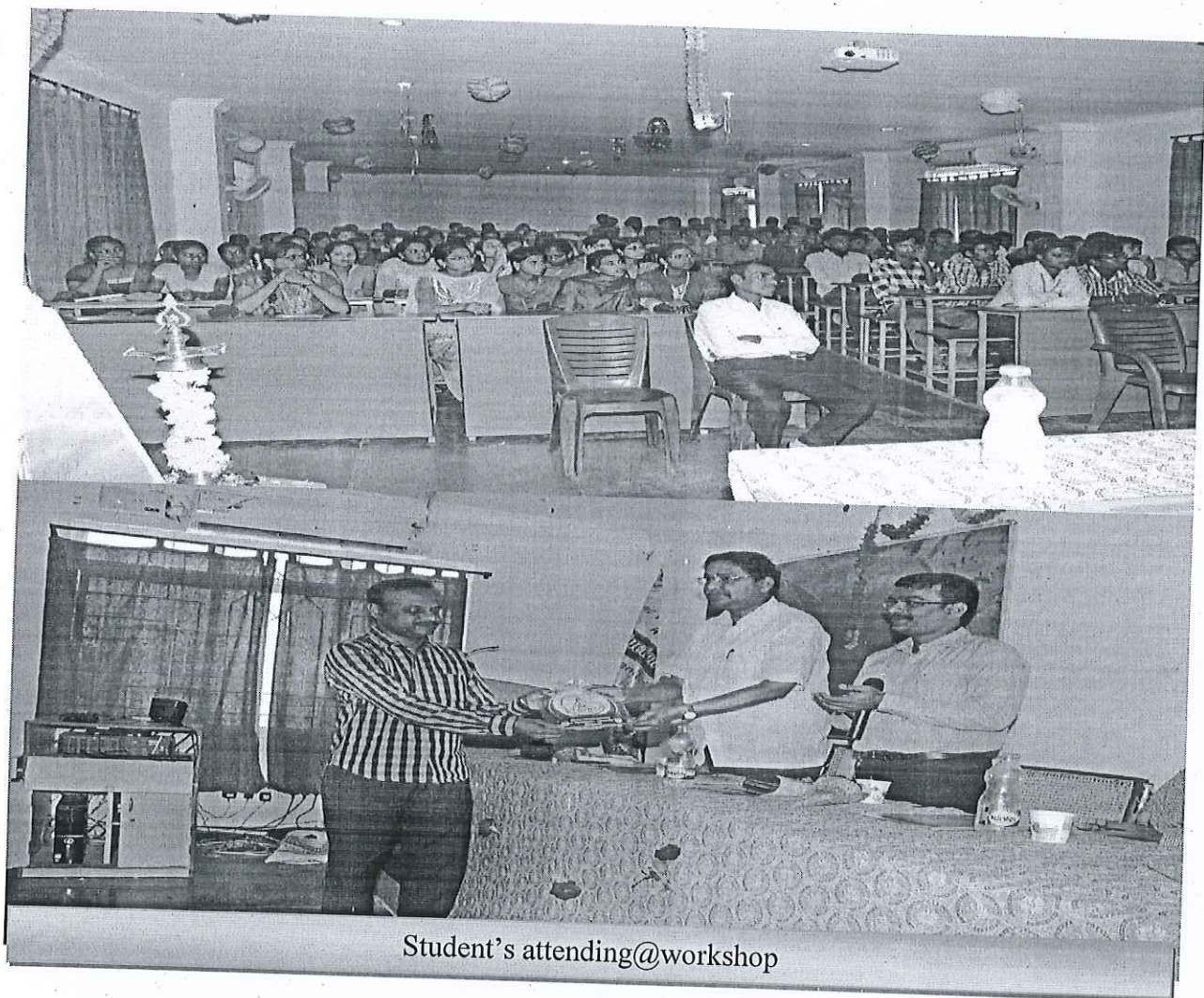
- Various Artificial Intelligent Techniques.
- Convergence characteristics of algorithms like BPA, Fuzzy and GA Randomness in the final output.
- Applications of above techniques to problems like ATC calculations, Converter Control etc.

The objectives of the program are:

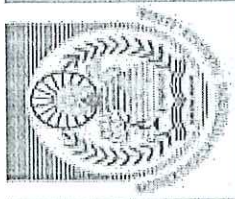
- Application of BPA, Fuzzy Logic and GA to power system and Power Electronic problems.
- Issues like Capacitor placement, DG placement, Load flows and Economic Load Dispatch, Closed loop control of Multi Level inverters solved using Artificial Intelligent Techniques

Outcomes of the programme:

- Gained knowledge on various Artificial Intelligent Techniques.
- Designing and usage of better Artificial Intelligent Techniques for power system and power electronics issues.




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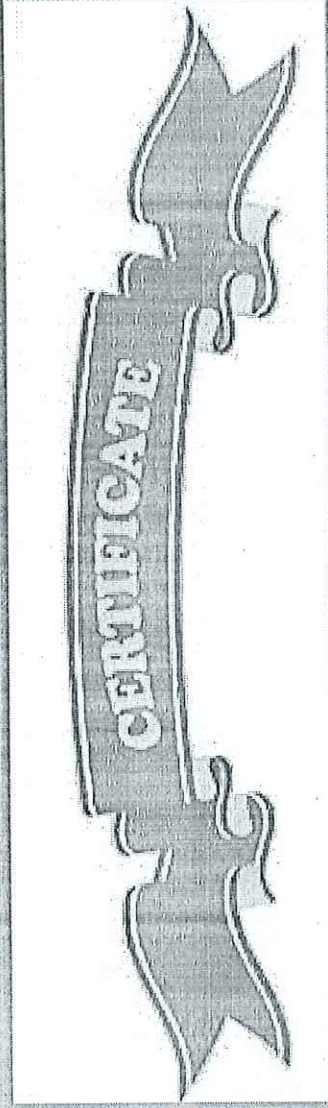


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Melumuri (P), Palamuru, CHITTOOR-517408

Web Site: www.mtiat.com Mail id: mtiat@gmail.com



This is to certify that Mr/Miss

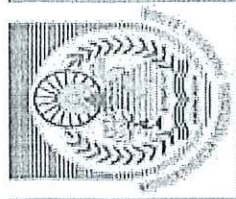
M. Creighton of EEE

from KEE has participated in the Workshop on "ARTIFICIAL
INTELLIGENT TECHNIQUES TO POWER SYSTEM AND POWER
ELECTRONICS ISSUES" from 12-09-2016 to 17-09-2016, Organized by
Department of Electrical & Electronics Engineering.


Coordinator


Convener


Principal

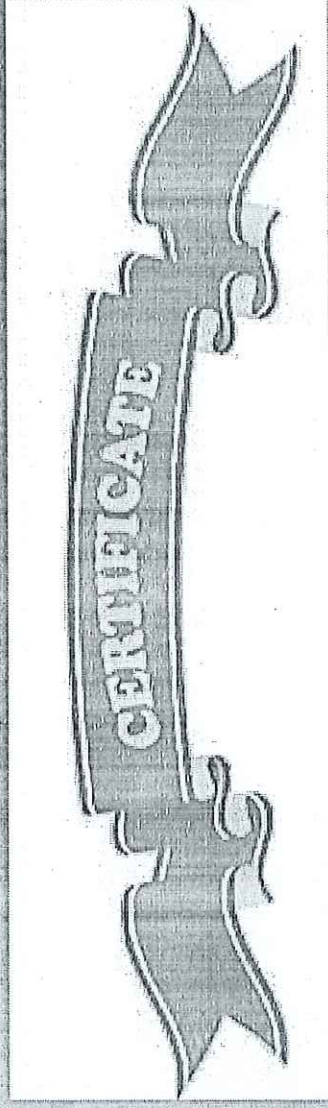


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Melurmoi (P), Palamaner, CHITTOOR-517408

Web Site: www.mtietat.com Mail id: mtietat@gmail.com



This is to certify that Mrs. Miss.

T. Ananya of CEE

from MTDET

has participated in the Workshop on "ARTIFICIAL

INTELLIGENT TECHNIQUES TO POWER SYSTEM AND POWER

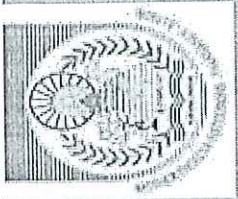
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Coordinator


Convener


Principal

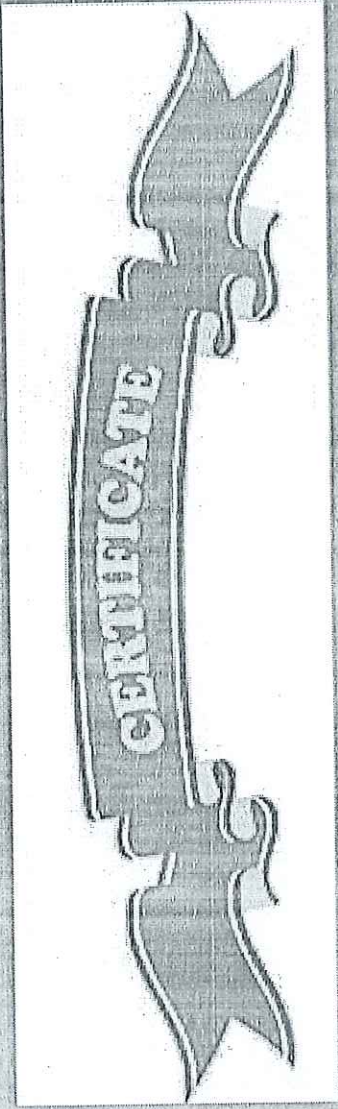


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Melumuri (P), Palamuru, CHITTOOR-517408

Web Site: www.mtiest.com Mail id: mtiest@gmail.com



This is to certify that Mr/Miss

A.R. Naveena of

from M.T.I.E.T

has participated in the Workshop on "ARTIFICIAL INTELLIGENT TECHNIQUES TO POWER SYSTEM AND POWER ELECTRONICS ISSUES" from 12-09-2016 to 17-09-2016, Organized by Department of Electrical & Electronics Engineering.


Coordinator


Convener


Principal