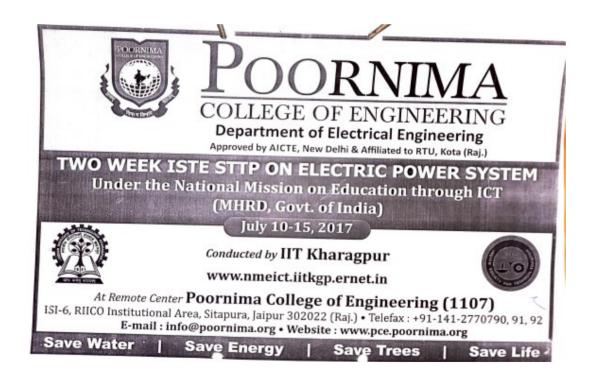


Promoted by Shanti Education Society, Affiliated to Rajasthan Technical University & Approved by AICTE

# A Report on two week Short Term Training Program

- TITLE AND DURATION: "Electric Power System" from 10-23 July 2017.
- **SUPPORTERS:** National mission on Education through ICT (NMEICT)
- ORGANIZERS: Electrical Engineering Department, Poornima College of Engineering, Jaipur.
- BROCHURE / POSTER / LEAFLET / FLYER:



Dr. Mahesh Bundele B.E., M.E., Ph.D. Director Poornima College of Engineering 131-6, RIICO Institutional Area Stlapura, JAIPUR

### Teaching Faculty

Professor N K Kishore
Department of Electrical Engineering, IIT Kharagpur email: kishor@ee.iitkgp.ernet.in

Professor Shreevardhan ASoman Department of Electrical Engineering, IIT Bombay email: soman@ec.iitb.ac.in

Professor Gautam Bandyopadhyay Department of Electrical Engineering, IIEST Kolkata email: gautamkabi@hotmail.com

#### Eligibility

- Enginity

  1) He' she must be a faculty member in the Department of Electrical Engineering /Electrical and Electronics Engineering with basic understanding of Electric Circuits, Signals and Systems, Electric Machines, Power Electronics, Power Systems, Energy Science and High Voltage Engineering related Departments and Centres.
- B.E. / B. Tech, or equivalent degree holders in the above mentioned disciplines with minimum teaching experience of 2 years and moderate teaching experience in the area of Power and Energy Systems
- M.E / M.Tech. degree holders in the above mentioned disciplines with minimum teaching experience of 1 year and moderate teaching experience in the area of Power and Energy
- 4) Ph.D. degree holders should have a minimum teaching experience of 1 year and moderate teaching experience in the area of Power and Energy Systems.

#### Who may benefit

The workshop is likely to benefit regular/visiting faculty colleagues who are teaching subjects like Electric Machines, Power Electronics, Power Systems, Energy Science and High

Please note that this ISTE STTP is conducted under the CEP IIT Kharagpur, Live recording of the course and other created conto will be released under Open Source through a portal. The recorded CD/DVD of the course lectures will be available for distribution, at cost, to any individual or institution. All participants are required to sign an undertaking for such release of contents stributed by them during and after the STTP. The recognition and citation will naturally be made for all contributors.

This ISTE STTP on Electric Power System is funded by the on Education through ICT (MHRD, Government of India), therefore there is no course fee for participation.

#### Accommodation and other Support for outstation Participants

Remote Centers are being funded to provide tea/lunch on each day of the workshop, and for accommodation, wherever available, for a limited number of outstation participants. Travel expenses up to Rs. 1000/- one way and one-time will be reimbursed against proof of actual expenditure, for participants beyond a distance of 100 Km from the Remote Centre.

### How to Apply

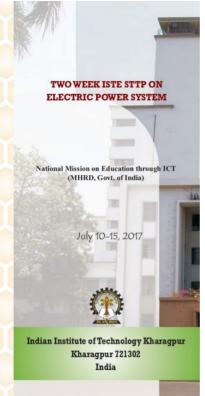
Those wishing to attend this course should register online http://www.nmeict.iitkgp.ernet.in/ep

Online registration open on 12th May, 2017

#### Address for Communication

dmin Team, roject "T10KT", IIT Kharagj /ikramshila Building, Ground

Project T10KT\*, IIT Kharuspur Vikramshia Bulding, Ground floor, Kalidas Auditorium IIT Kharaspur, Kharaspur-721302 Contact Numbers: Admin Team: +91 3222-281497 Account Team: +91 3222-281498 Moodle Team: +91 3222-281070 A-View Team: +91 3222-281072 Mobile: +918 148226903 email: office\_nmcict@iitkgp.ac.in



ITT Kharagpur and IIT Bombay are working together with Engineering Colleges of India to enhance the teaching skills of our faculty colleagues in core Engineering and Science subjects by conducting ISTE Short Term Taning Programmes (STTPs) under Train Ten Thousand Teachers (T10KT) project using 353 under train ten inousant teachers (110x1) project using 333 established remote centers across India. Participating teachers attend live lectures at a remote center close to their own college, and also attend tutorial and lab sessions conducted in the same centers. The lecture transmission and live interaction takes place in distance mode using A-VIEW technology through Internet at the selected remote centers across the country. Since December 2009, a number of two-week ISTE STTPs were conducted on various Engineering subjects. We have reached out to more than 1,00,000 teachers and helped them to enhance their teaching skills in these

In order to run these STTP at selected remote centers, we invite pert faculty members from various remote centres to a five-day ordinators' training programme held at HT Kharagpur or at HT mbay, at least two months before the main STTP. The trained Coordinators then act as Workshop Coordinators during the main Coordinators then act as Workshop Coordinators during the main STTP liaising between the participants at their Remote Centers and IIT Kharagpur / IIT Bombay from where the interactive lectures are transmitted live. During the main STTP, the workshop Coordinator at every center supervises the tutorials and laboratories. All the lectures and tutorial sessions are recorded at IIT Kharagpur or at IIT Bombay. The final edited audio-visual ntents, along with other course material are released under Open Source. The contents can be freely used later by all teachers,

students and other rearners.

In the backdrop of the success of these STTPs, we now announce another 6 day ISTE STTP on "Electric Power System" during July 10 – July 15, 2017 under Blended MOOCs (Massive Open Online Courses) model, Here,

- I. The participating teachers will complete the equivalent of two-week full time work online, spread over 6 physical weeks where video lectures and assignments will be uploaded beforehand.
- 2. After completing the online assignments spread over 4 to 5 weeks the participants will assemble at the selected Remote Centers for 6 days face to face interaction and lecture sessions through A-VIEW and will complete team assignments, tutorials, quizzes etc.

- Offline assignments will be uploaded and the participal will have to complete these assignments within a stipular
- There will also be a system of students' feedback in the Main STTP.

The above proposed model is tentative and subjected to minor

### Course Justification

Courses Justification

Electricity is the third most important commodity, next only to Air and water for survival of human beings. The course on Electric Power System is a very important course in an electrical engineering curriculum on all aspects of Electricity right from Generation to utilization. Every graduate in broad area of Electrical Engineering needs to have a detailed exposure to (a) Elements of Power System (b) Importance of Renewables and (c) Importance of Icen System (b) Importance of Icen System.

Electrical Power System is a core course for any undergraduate programme in Electrical Engineering. It is expected to be the first course on this topic and is typically meant for participants who already have some introductory knowledge of Electric Circuits, Electric Machines and Control Systems. The course shall cover the basic foundations of Power System Analysis, which can be used to assess effective Electric Power Delivery in practice. An awareness of available software tools for the purpose. Need for renewable energy resources will also be brought out. Participants criew and cheegy resources with also be folding to due, Faiterpains are exposed to usefulness of employing ICT in developing smart trids. Through this course a participant is expected to be able to earn to properly identify as to what comprises an Electric Power System, examine its inherent complexity and explore different vays to develop an algorithmic solution by analyzing the various llternatives to finally develop a good practical solution that is upported by logical and theoretical justification.

- Course Objective
  Participants pursuing this course should be able to:
  1. Identify as to what Comprises a Power System
  2. Realize the need for Renewable Energy Sources for
- Electric Power Supply.

  Become aware of usefulness of ICT in reliable operation of
- Electric Power System.

  4. Be able to carry out all essential analyses necessary to have reliable operation of Electric Power System.

#### Course Modules

- ation of Power Syste

- Steady State Operation of Power Flow Analysis Symmetrical Componer Symmetrical Faults Un-symmetrical Faults

- 6. Un-symmetrical Faults
  7. Power System Stability
  8. Economic Operation of Power System
  9. Power System Protection
  10. Application of Software for Power System Analysis
  11. Recent Trends and Application of ICT in Power System 11. Recent House Control of Power Systems
  12. Overview of a Laboratory Course on Power Systems
  13. Control of Power Systems
  14. Renewable Energy Issues

The learning begins by reading a good text book on the subject. This is to be followed by solving problems, including peers in a group learning effort. Discuss and interpret the results obtained. All the three are important to achieve success. In addition, it is important to be able to be aware of available softwares for the analysis. Practice some real fife situations, execute them and compare their performances to check whether theoretical analysis confirms with experimentation. A text-book must be available for confirms with experimentation. A text-book must be available for study. It is preferred to generally follow a single text-book. However, referring to other text-books at times to understand different topics may be preferred. While studying in a group, it is useful if individual members follow different books so that a variety of inputs are obtained. Web and video resources are good additional inputs. The steps include reading the chapters relevant, watching the video, discussing the concepts in a group and then solving a set of problems. The solutions to the problems solved by the remure and efficienced toperform and one or more final versions. the group can be discussed together and one or more final version may be accepted. Trying to check, other member's solutions are a very important aspect of learning any subject.

### Duration and Venue

Duration: The duration of the STTP will be six working days. It will start on Monday 10th July, 2017 at 9:30 AM and will end on Saturday 15th July, 2017. The participants must report to the mote centres by 8:00 AM on 10° July, 2017.

Venue: 194 remote centers located in different parts of the country. The list of participating remote centers is given along with online application form.

> Dr. Mahesh Bundele B.E., M.E., Ph.D. Director Poornima College of Engineering 131-6, RIICO Institutional Area Stlapura, JAIPUR

# • PROGRAM SCHEDULE:

S. No.	Program	Timings
1.	Registration of the participants	08:00 am to 08:10 am
2.	Welcome of Guests	08:10 am to 08:15 am
2.	Garlanding and Lamp Lighting of Maa Saraswati by Dr. Om Prakash Sharma, Campus Director, PCE Dr. Ajay Khunteta, Remote center coordinator. Dr.Virendra Sangtani, HOD, EE Mr. Brijraj Singh Solanki (Dy. HOD,EE) Md. Asif Iqbal (Dy. Admin, EE) Mr. Harbeer Singh	08:15 am to 08:20 am
3.	Welcome of Dr. Om Prakash Sharma, Director, PCE with a Bouquet by Dr. Ajay Khunteta, Remote center coordinator	08:20 am to 08:25 am
4.	Introduction of workshop schedule during 10 <sup>th</sup> -15 <sup>th</sup> July, 2017 by Vikash Kumar Saini, Workshop Coordinator.	08:25 am to 08:30 am
5.	Progress of ICT MHRD Program at PCE by Dr. Ajay Khunteta, Remote Center Coordinator	08:30 am to 08:35 am
6.	Words of Blessings by Dr. Om Prakash Sharma, Director, PCE	08:35 am to 08:45 am
7.	Vote of Thanks by Dr. Virendra Sangtani, HOD EE	08:45 am to 08:50 am
8.	Poornima gaan followed by National Anthem	08:50 am to 08:55 am
9.	Photo Session	08:55 am to 9:00 am
10.	Transmission of Remote Center program from IIT Kharagpur	09:00 am to 11:00 am
11.	Tea Break	11:00 am to 11:15 am

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Stlapura, JAIPUR

# Time Table for Two-Week ISTE STTP Electric Power System 10<sup>th</sup> July to 15<sup>th</sup> July 2017

Date	Days	Morning						Afternoon					
July 10, 2017	Monday	Inauguration 9.00AM to 9.30AM	Introduction (NKK/SAS/GB) 9.30AM to 11.00 AM		Components of Power System (SAS) 11.15 AM to 12.45 PM		Steady State Operation of Power System I (GB) 1.45 PM to 3.15 PM		Symmetrical Faults (GB) 3.30 PM to 5:00 PM				
July 11, 2017	Tuesday	Power Flow Analysis (SAS) 9.30AM to 11:00AM  Power System Stability I (SAS) 9.30AM to 11:00 AM			Symmetrical Components (GB) 11.15 AM to 12.45 PM	W	Un-symmetrical Faults (GB) 1.45 PM to 3.15 PM	W	Economic Operation of Power System (GB) 3.30 PM to 5.00 PM				
July 12, 2017	Wednesday			a Break A to 11.15 AM	Power System Stability II (SAS) 11.15AM to 12.45PM	Lunch Break 5 PM to 1.45 PM	Power System Protection I (GB) 1.45 PM to 3.15 PM	Tea Break 3.15 PM to 3.30 PM	Power System Protection II (GB) 3.30 PM to 5.00 PM				
July 13, 2017	Thursday	System (N	Application of Software for Power System Analysis I (NKK) 9,30AM to 11.00AM		System Analysis I (NKK)		ystem Analysis I — — — — — — — — — — — — — — — — — —		Application of Software for Power System Analysis II (NKK) 11.15AM to 12.45PM	Lu 12.45	Recent Trends (SAS/RN) 1.45 PM to 3.15 PM	e,	Application of ICT in Power System Operation (SAS/RN) 3.30 PM to 5.00 PM
July 14, 2017	Friday	Course on F	of a Laboratory Power Systems NKK) to 11.00AM		QUIZ (NKK) 11.15AM to 12.45PM		Control of Power Systems I (SAS) 1.45 PM to 3.15 PM		Renewable Energy Issues (NKK) 3.30 PM to 5.00 PM				
July 15, 2017	Saturday	(1)	ower Systems II NKK) to 11.00AM		SciLab ( KMM) 11.15AM to 12.45PM		Feedba (2:						

(NKK: Professor N K Kishore, SAS: Professor S A Soman, GB: Professor Gautam Bandyopadyay, RN: Mr. Narayanan R, KMM: Professor Kannan M Moudgalya)
Note: Every Lecture will include 15 Minutes Discussion at the End

# ABOUT THE STTP:

Two-Week ISTE STTP on "ELECTRIC POWER SYSTEM" National Mission on Education through ICT (MHRD, Govt. of India) Conducted by IIT Kharagpur, 10th July 2017

Sub: Invitation for the Inaugural Session of Two-Week ISTE STTP on "ELECTRIC POWER SYSTEM" National Mission on Education through ICT (MHRD, Govt. of India) Conducted by IIT Kharagpur

Respected Sir/Madam,

We are pleased to inform you that Department of Electrical Engineering, Poornima College of Engineering is organizing a Two-Week ISTE STTP on "ELECTRIC POWER SYSTEM" National Mission on Education through ICT (MHRD, Govt. of India) Conducted by IIT Kharagpur from 10th July – 15th July 2017.

It is expected to be the first course on this topic and is typically meant for participants who already have some introductory knowledge of Electric Circuits, Electric Machines and Control Systems. The course will cover the basic foundations of Power System Analysis. which can be used to assess effective Electric Power Delivery in practice. An awareness of available software tools for the purpose, need for renewable energy resources will also be brought out. Participants are exposed to usefulness of employing ICT in developing smart grids.

In this connection, we take this opportunity to invitation/request your gracious presence for the Inaugural Session of Two-Week ISTE STTP on "ELECTRIC POWER SYSTEM"

National Mission on Education through ICT (MHRD, Govt. of India)

Director
Cornima College of Engineering
ISI-0, FUICO Institutional Area
Stapura, JAIPUR

## Poornima College of Engineering - Activity Report - 2017-18

Venue: CG-07 QEEE Seminar Hall, Poornima College of Engineering ISI-6, Sitapura, Jaipur

Time: 8:00 am to 9:00 am

The enclosed Q-sheet, Time Table and Brochure will provide all necessary details about the STTP. In case any further information is required, kindly feel free to contact the undersigned.

Waiting for your positive response.

With best regards,

Dr. Om Prakash Sharma

Director, PCE

Mob. No.: +91-9928015792

Email: opsharma@poornima.org

### Introduction

IIT kharagpur and IIT Bombay are working together with Engineering Colleges of India enhance the teaching skills of our faculty colleagues in core Engineering and Science subjects by conducting ISTE Short Term Training Programmes (STTPs) under Train Ten Thousand Teachers (TiOKT) project using 353 established remote centers across India. Participating teachers attend live lectures at a remote center close to their own

College, and also attend tutorial and lab sessions conducted in the same centers. The lecture transmission and live interaction takes place in distance mode using A-VIEW technology through Intenet at the selected remote centers across the country. Since December 2009, a number of two-week ISTE STTPs were conducted on various Engineering subjects. We have reached out to more than 1,00,000 teachers and helped them to enhance their teaching skills in these subjects. In order to run these STTP at selected remote centers, we invite expert faculty members from various remote centres to a five-day Coordinators' training programme held at IIT Kharagpur or at IT Bombay, at least two months before the main STTP. The trained Coordinators then act as Workshop Coordinators during the main STTP liaising between the participants at their Remote Centers and IIT Kharagpur/ IIT Bombay from where the interactive lectures are transmitted live. During the main STTP, the workshop Coordinator at every center supervises the tutorials and laboratories. All the lectures and tutorial sessions are recorded at IIT Kharagpur or at IIT Bombay. The final edited audiovisual contents, along with other course material are released under Open Source. The contents can be freely used later by all teachers, students and other learners.

In the backdrop of the success of these STTPs, we now announce another 6 day ISTE STTP on "Electric Power System" during July 10 July 15, 2017 under Blended MOOCs (Massive Open Online Courses) model. Here,

1. The participating teachers will complete the equivalent of two-week full time work online, spread over 6 physical weekS where video lectures and assignments will be uploaded beforehand.

Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
181-6, FIICO Institutional Area

# Poornima College of Engineering - Activity Report - 2017-18

- 2. After completing the online assignments spread over 4 to 5 weeks the participants will assemble at the selected Remote Centers for 6 days face to face interaction and lecture sessions through A-VIEW and will complete team assignments, tutorials, quizzes etc.
- 3. Offline assignments will be uploaded and the participants will have to complete these assignments within a stipulated time.

# **Course Justification-**

proposed model is tentative and subjected to minor changes. ectricity is the third most important commodity, next only to Air and watc To va of human beings. The course on Electric Power System is a very important se in an electrical engineering curriculum on all aspects of Electricity right from eneration to utilization. Every graduate in broad area of Electrical Engineering needs o have a detailed exposure to (a) Elements of Power System (b) Importance of newables and (c) Importance of ICTin reliable operation of Power System.

# **Course Overview**

Eiectrical Power System is a core course for any undergraduate programme in Electrical Engineering. It is expected to be the first course on this topic and is typically meant for participants who already have some introductory knowledge of Electric Circuits, Electric Machines and Control Systems. The course shall cover thebasic foundations of Power System Analysis, Which can be used to assess effective Electric Power Delivery in practice. An awareness of available software tools for the purpose. Need for renewable energy resources will also be brought out. Participants are exposed to usefulness of employing ICT in developing smart grids. Through this course a participant is expected to be able to learn to properly identify as to what comprises an Electric Power System, examine its inherent complexity and explore different ways to develop an algorithmic solution by analyzing the various alternatives to finally develop a good practical solution that is supported by logical and theoretical justification.

# **Course Objective**

Participants pursuing this course should be able to:

- 1. Identify as to what Comprises a Power System
- 2. Realize the need for Renewable Energy Sources for Electric Power Supply.
- 3. Become aware of usefulness of ICT in reliable operation of Electric Power System.
- 4. Be able to carry out all essential analyses necessary to have reiable operation of Electric Power System.

## **Course Modules**

- 1. Introduction and Components of Power System
- 2. Steady State Operation of Power System
- 3. Power FlowAnalysis
- 4. Symmetrical Components
- 5. Symmetrical Faults
- 6. Un-symmetrical Faults
- 7. Power System Stability
- 8. Economic Operation of Power System
- 9. Power System Protection
- 10. Application of Software for Power System Analysis

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Stlapura, JAIPUR

- 11. Recent Trends and Application of ICT in Power System Operation
- 12. Overview of a Laboratory Course on Power Systems

# • GLIMPSES OF THE EVENT:





Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
131-6, RIICO Institutional Area
Stlapura, JAIPUR





Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Cornima College of Engineering
131-6, RIICO Institutional Area
Sillapura, JAIPUR

# PARTICIPANT CERTIFICATE:



Prompted by Shanti Education Society, Affiliated to Ralasthan Technical University & Approved by AICTE

### PCE/ADMIN/2016-17/3249

24th May, 2017

From,
Dr. Om Prakash Sharma
Director,
Poornima College of Engineering
Jaipur

To,
The Project Co-ordinator
Project "T10KT", IIT Kharagpur
Vikramshila Building,
Ground floor, Kalidas Auditorium
IIT Kharagpur, Kharagpur – 721302

Permission letter for Two Week ISTE STTP on Electric Power System

This is to certify that the following participants are regular teaching employees of our Institute with one of the following designation: (Jr. Lecturer/ Lecturer/Sr. Lecturer/Asst. Professor/Associate Professor/Professor/HOD/ Reader/Vice- Principal/Visiting Faculty/ Teaching Fellow).

S. No.	Name of Members	Designation	Department
1	Mr. Dinesh Kumar Sharma	Assistant Professor	Electrical Engineering
2	Mr. Gaurav Srivastava	Assistant Professor	Electrical Engineering
3	Ms. Dayana P.	Assistant Professor	Electrical Engineering
4	Mr. Harbeer Singh	Assistant Professor	Electrical Engineering
5	Mr. Khushaldeep Sharma	Assistant Professor	Electrical Engineering
6	Mr. Krishankant Katara	Assistant Professor	Electrical Engineering
7	Mr. Pravin Kumar	Assistant Professor	Electrical Engineering
8	Mr. Rajendra Singh	Assistant Professor	Electrical Engineering
9	Ms. Raksha Goyal	Assistant Professor	Electrical Engineering
10	Mr. Ravi Shankar Singh	Assistant Professor	Electrical Engineering

The faculty members are allowed to attend the workshop on Electric Power System under the National Mission on Education through ICT (MHRD, Govt. of India) from dated 10/07/2017 to 15/07/2017 in the Poornima College of Engineering, Jaipur (IIO7).

The Institute has no objection to his/ her participation in the workshop. We would make sure that no official duties will be delegated which may affect his/ her participation, during workshop.

Thank You,

Dr. Om Prakash Sharma

Director, PCE

Dr. Mahesh Bundele B.E., M.E., Ph.D.

Director
Poornima College of Engineering
131-6, Full CO Institutional Area
Sitapura, JAIPUIT

# LIST OF PARTICIPANTS:

# POORNIMA COLLEGE OF ENGINEERING, JAIPUR

DEPARTMENT OF ELECTRICAL ENGINEERING TWO-WEEK ISTE STIP ON ELECTRIC POWER SYSTEM National Mission on Education through ICT (MHRD, Govt. of India) ISTE STIP on Electric Power System

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Sl No	Name	Designation	10.07,2017	11.07,2019	12.07,2017	13.07.2017	14.07.2017 15,07.2017
1	Dr.Ajay Khunteta	Remote Center Coordinator	m. (POG)	a sha	1 400	105V	- Walley
2	Mr. Vikash Kumar Saini	Workshop Coordinator	(V)	(V)	0	00)T	The state of the s
3	Dr. Om Prakash Shanna	Teaching Assistant	A CONTRACTOR	100	B APPOSITE	Cocsons	Compati Cons
4	Mr.Dharmendra Kumar bansal	Teaching Assistant	diam	deat	a	20	00
5	Ms. Shital R Shegokar	System Administrator	180	BEL	13	T. Par	7
6	Mr.Avinash Meena	System Administrator	Chima	Parent	bill trans	Coffee	(p)
7	Mr.Shivraj Rajawat	A-VIEW Coordinator	Mariadia	Nontrina.	Margarita.	1340044	1000-400 100-90-200
8	Mr. Mahendra Singh	Support staff, Helpers	Mahamakuse	makendes	Mahendra	Mahendre	probandia Mahmalia

Institute Head's Signature

POORNIMA COLLEGE OF ENGINEERING, JAIPUR
DIPARTMENT OF ELECTRICAL ENGINEERING
TWO-WEEK ISTE STIP ON ELECTRIC POWER SYSTEM
National Mission on Education through ICT (MHRD, Gost of India)

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1586 /	Nemichand Koli	102	12	- 11	dP2	deg	1500	152	100	+52	152	1	dipos.
1317	Nirban Chakarbarti	695	146	THE	(PV)	1992	09	Sa	(AR)	(80)	600	(-p#	400
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5635	Prayoen Agrawal	. E-	P	R-	2	Z-	J.	2_	S.	Ge-	CE-	2	9-
1269 ~	Provin Kumar -	1	-6	150	-	E	A.	Jed	to	1	de	de	de-
1270	Rajendra singh	Encodes	Beckle	87.74	Fall protect	La Jacker	Cardy of	in Jedite	100	faxron	FARME	SHE MA	100
2077 ~	Rajnish Saxena	Spec	300	132	Dec.	129-	Back	300	19	A COLUMN	AL.	Vie	1/5
1271	Rakshu Goyal	bhble	Katoka.	Nakala	harbra-	NOT ATE	Rakaba 3	okale	ratile	44.800	Koka te	Sala	Patrick
4996	Ravishankar Kumur Sinha	Rev	de-	1	10-	8	-	Se 1	-	800	Te.	1	8
1251	Richa A	Color 1	300	Arre !	15/2	300	No. of Street, or other Persons	200	1	Sec.	A CAR	A Land	44.54
1312	Samart Saha	PHB	(AG)	(96)	0.6	1	110	PH9	02	400	400	475	AD .
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1311	Sudip Halder	mar	(A3)	(Prf)	(A6)	200	63-1	Prin.	(Page)	60		05	CO.
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228 -	Sweta Singh	Sad	Sul	Sunt		med	and a	Long !	rian .	1835	1000	12/2	700
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1264	Virendra Swaroop Sanglaru	August 1	10000	distant.	1	1	77	No. /	D	THE /	4 6	9	7
Sugnatures	Workshop Coordinator Mr. Vikash Kumar Sarra	OL.	CM000		7	Q)	11/1		VI.	MY 1	1	Salar a	CO.
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POORNIMA COLLEGE OF ENGINEERING, JAIPUR

DEPARTMENT OF ELECTRICAL ENGINEERING
TWO-WEEK ISTE STIP ON ELECTRIC POWER SYSTEM
National Mission on Education through ICT (MHRD, Gavt. of India)
ISTE STIP on Electric Power System

RC- ID 1107		+	13/07/2017	C Floor 4 h			Attend	lance 2					
Participant's ID	Name of the Participants	Before Tea		1			14/07/2013	7 ( Day 5 )	)		15/07/2017	(Day 6)	
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2635	Ankita Bhatia	TX.	V	1	1	200	100	400	1	1300		11/57	1500
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2259	Dinesh Kumar Sharma	NO.	Vane.	800	-107	de	(AB)	1	1	<b>M</b>	ACC.	0	Day
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2354	Hanuman Kharol	14	A CONTRACTOR	AR	AR	100	Sec.	Same	99	199	200	3	
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1267	Kushaldeep Sharma	200	000	200	100	a Div	1	201		NO I	1		1

Dr. Mahesh Bundele
B.E., M.E., Ph.D.
Director
Poornima College of Engineering
ISI-6, RIICO Institutional Area
Stlapura, JAIPUR

# Poornima College of Engineering - Activity Report - 2017-18

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1264	Virendra Swaroop Sangtani	Judge	Wast.	Charles .	Victory.	Link	Lead	VILLE	Var	West	VAR	AH.	But
Signatures:	Workshop Coordinator   Mr. Vikash Kumar Snini Remote Contre Coordinator   Dr. Ajay Khateta	01	Ot	OL	a	0	Q.	9		A			W.

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