

# **Department of Electrical and Electronics Engineering**

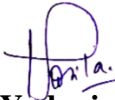
# KIET Group of Institutions, Ghaziabad

## Department of Electrical & Electronics Engineering


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### Session: 2016-17

- Subject Name** : Summer Workshop on Design and Fabrication of LED Luminaries
- Course Summary** : This course is designed with an aim to leverage and optimize the problem-solving skills of the students. Students in summer workshop will become familiar with fundamental of Design and Fabrication of LED Luminaries. The focus of the course is the development of skill required to clear the problems of Design and Fabrication of LED Luminaries during their campus interviews. The students will learn the Design and Fabrication of LED Luminaries.
- Prerequisite** : Knowledge of Design and Fabrication of LED Luminaries



**Prof. Yaduvir Singh**  
Coordinator



**Dr. Neeraj Kumar Gupta**  
HoD (EN)

**KIET GROUP OF INSTITUTIONS GHAZIABAD**  
**ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT**

**4 Days Summer Workshop on "Design & Fabrication of LED Luminaries"**

**(5 June 2017 to 8 June 2017)**

**Date: 4/7/2017**

The department of Electrical & Electronics Engineering is going to organize a summer workshop program on "Design & Fabrication of LED Luminaries" from 5 June 2017 to 8 June 2017 for B. Tech 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year students of EN Branch (on First come First Serve Basis). This summer workshop is beneficial for students because it will enhance the technical and practical skills of students regarding LED based luminaries.

This workshop includes sessions on LED fundamentals and its components, LED Drivers, PCB designing, LED Luminaries assembly and Product testing.

**Duration :** 5 June 2017 to 8 June 2017

**Time :** 10:00 A.M. – 4:00 P.M.

**Venue :** EN DEPARTMENT

**Registration Fees per students:** NIL

**SYLLABUS**



**Section 1: Basics of electronics, LED as a light source**

**Section 2: Basics of LED drivers and its designing**

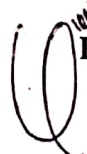
**Session 3: LED PCB fabrication**

**Session 4: Assembly of LED products**

**Session 5: Working and visit of 100KW Solar Power plant/LED based Industrial Visit**

Prof. Mohd Faisal Jalil   
Prof. Mohammad Shariz Ansari   
(Workshop Coordinator)

  
Dr. Neeraj Kumar Gupta  
(HoD, EN Deapartment)

  
07/04/17  
Director



**KIET GROUP OF INSTITUTIONS  
ELECTRICAL AND ELECTRONICS ENGINEERING  
DEPARTMENT**

**NOTICE**

**Four Day Workshop On "Design and Fabrication of LED Luminaries"**

All students of EN Department are hereby informed that EN Department is organising a workshop on "Design and Fabrication of LED Luminaries" from 5 June 2017 to 8 June 2017.

The registration is on "first come first serve" basis as seats are limited (30 seats). No fee will be charged for participation.

Sample of the topics that will be shared in the workshop are as follows:

1. Basics of LED Drivers
2. PCB Design for LED Bulb, Tube Light & other luminaries.
3. Hands on Practical on Assembly
4. Future scope in LED Luminaries
5. Question and Answer Session

Resource person

Prof. Ameer Faisal

Prof. Mohd Faisal Jalil

Prof. Mohammad Shariz Ansari

PROGRAM CO-ORDINATOR

Dr. NEERAJ K GUPTA

HOD EN DEPARTMENT

**Attendance Sheet**  
**Workshop on "Design and fabrication of LED Luminaries"**  
**5th June 2017 to 8th June 2017**

Date:

S No	Roll No.	Name of the Student	Branch	Year	Sec	Signature
1	1502921133	ROHIT CHAURASIYA	EN	2nd year	C	A
2	1502921136	SAGAR SARASWAT	EN	2nd year	C	A
3	1502921128	RAMAN VASHISTHA	EN	2nd year	C	A
4	1402921095	LAKSHAY ARORA	EN	3rd year	B	Kanishk
5	1302921014	AKSHAY KHURANA	EN	3rd year	B	Akshay
6	1402921031	AMULYA RAWAT	EN	3rd year	A	Adarsh
7	1402921030	AMIT CHAUHAN	EN	3rd year	A	Amit
8	1402921008	ABHISHEK RATHOUR	EN	3rd year	A	A
9	1502921105	NITANSHU RAGHAV	EN	2nd year	B	Nitesh
10	1502921074	GAURAV SINGH	EN	2nd year	B	Gaurav
11	1602921908	PRINCE GARG	EN	2nd year	B	Prince Garg
12	1502921093	MOHD ADIL	EN	2nd year	B	Adil
13	1502921101	NEERAJ KUMAR GAUTAM	EN	2nd year	B	Neeraj
14	1502921123	RAHUL KUMAR SINGH	EN	2nd year	B	Rahul
15	1502921131	RITAM TRIPATHI	EN	2nd year	C	Ritam
16	1502921112	PIYUSH KUMAR PATHAK	EN	2nd year	B	Piyush
17	1502921013	ADITYA SINGH CHAUHAN	EN	2nd year	A	Aditya
18	1502921107	NITIN KUMAR	EN	2nd year	B	Nitin
19	1502921098	MOHIT KUMAR	EN	2nd year	B	Mohit Kumar
20	1502921113	PRADEEP YADAV	EN	2nd year	B	Pradeep
21	1502921119	PRASHANT KUMAR	EN	2nd year	B	Prashant
22	1502921078	HIMANSHU CHATURVEDI	EN	2nd year	B	Himanshu
23	1502921067	DIVYA PRAKASH	EN	2nd year	B	Divya

24 1402921120 Rahul Gupta  
 25 1402921082 Jyoti Gupta

EN 3rd B Rahul  
 EN 3rd B Jyoti



**Attendance Sheet**  
**Workshop on "Design and fabrication of LED Luminaries"**  
**5th June 2017 to 8th June 2017**

Date: 06/6/17

S No	Roll No.	Name of the Student	Branch	Year	Sec	Signature
1	1502921133	ROHIT CHAURASIYA	EN	2nd year	C	A
2	1502921136	SAGAR SARASWAT	EN	2nd year	C	A
3	1502921128	RAMAN VASHISTHA	EN	2nd year	C	A
4	1402921095	LAKSHAY ARORA	EN	3rd year	B	Lakshay
5	1302921014	AKSHAY KHURANA	EN	3rd year	B	Akshay
6	1402921031	AMULYA RAWAT	EN	3rd year	A	Adarsh
7	1402921030	AMIT CHAUHAN	EN	3rd year	A	Amit
8	1402921008	ABHISHEK RATHOUR	EN	3rd year	A	A
9	1502921105	NITANSHU RAGHAV	EN	2nd year	B	Nitanshu
10	1502921074	GAURAV SINGH	EN	2nd year	B	Gaurav Singh
11	1602921908	PRINCE GARG	EN	2nd year	B	Prince Garg
12	1502921093	MOHD ADIL	EN	2nd year	B	Mohd
13	1502921101	NEERAJ KUMAR GAUTAM	EN	2nd year	B	Neeraj
14	1502921123	RAHUL KUMAR SINGH	EN	2nd year	B	Rahul
15	1502921131	RITAM TRIPATHI	EN	2nd year	C	Ritam
16	1502921112	PIYUSH KUMAR PATHAK	EN	2nd year	B	Piyush
17	1502921013	ADITYA SINGH CHAUHAN	EN	2nd year	A	Aditya
18	1502921107	NITIN KUMAR	EN	2nd year	B	Nitin
19	1502921098	MOHIT KUMAR	EN	2nd year	B	Mohit
20	1502921113	PRADEEP YADAV	EN	2nd year	B	Pradeep
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23	1502921067	DIVYA PRAKASH	EN	2nd year	B	Divya

24 1402921082 Jyoti Gupta

EN 3<sup>rd</sup> year B

Jyoti

25 1402921120 Rahul Gupta

EN 3<sup>rd</sup> year B

Rahul

**KIET GROUP OF INSTITUTIONS GHAZIABAD**  
**ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT**

**4 Days Summer Workshop on "Design & Fabrication of LED Luminaries"**

(5 June 2017 to 8 June 2017)

**Attendance Sheet**

**Workshop on "Design and febrication of LED Luminiries"**

**5th June 2017 to 8th June 2017**

Date: 07/06/2017

S No	Roll No.	Name of the Student	Branch	Year	Sec	Signature
1	1502921133	ROHIT CHAURASIYA	EN	2nd year	C	A
2	1502921136	SAGAR SARASWAT	EN	2nd year	C	A
3	1502921128	RAMAN VASHISTHA	EN	2nd year	C	A
4	1402921095	LAKSHAY ARORA	EN	3rd year	B	Lakshay
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6	1402921031	AMULYA RAWAT	EN	3rd year	A	Amulya
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24 1402921082 Tyoti Gupta  
 25 1402921120 Rahul Gupta

EN 3rd year B Tyoti  
 EN 3rd year B Rahul

# KIET Group of Institutions, Ghaziabad

## Department of Electrical & Electronics Engineering

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### Session: 2016-17

**Subject Name** : Summer School on Real-Time Simulations and Application of OPAL-RT

**Course Summary** : This course is designed with an aim to leverage and optimize the problem-solving skills of the students. Students in summer school will become familiar with fundamental of Real-Time Simulations and Application of OPAL-RT. The focus of the course is the development of skill required to clear the problems of Real-Time Simulations and Application of OPAL-RT during their campus interviews. The students will learn the Real-Time Simulations and Application of OPAL-RT.

**Prerequisite** : Knowledge of Real-Time Simulations and Application of OPAL-RT



**Prof. Yaduvir Singh**  
Coordinator



**Dr. Neeraj Kumar Gupta**  
HoD (EN)



**Dr. Brijesh Singh**

Associate Professor  
Department of Electrical and Electronics Engineering  
KIET Group of Institutions  
Ghaziabad (UP), India-201206  
Contact No: +91-8377825935, +91-9450838018  
E-mail: brijesh.singh@kiet.edu, singhb1981@gmail.com



**KIET**  
GROUP OF INSTITUTIONS

[An Integrated Campus approved by AICTE  
Accredited by NAAC with Grade 'A' (SAR 1.1)]

(An ISO-9001:2008 Certified Institute)

Affiliated to AKTU, Lucknow

Date: August 14, 2017

To,  
The Account Officer  
KIET Group of Institutions  
Ghaziabad

Dear Sir,

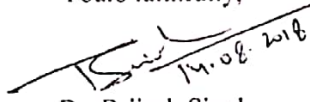
The Summer School on Real-Time Simulations and Application of OPAL-RT in Electrical Engineering was conducted in the Department of EN from 19<sup>th</sup> June, 2017 to 29<sup>th</sup> June, 2017.

Please find attached the following details of expenses incurred on the event.

1. Receipt and payment statement
2. Bills of kit folder and Refreshment
3. Annexure

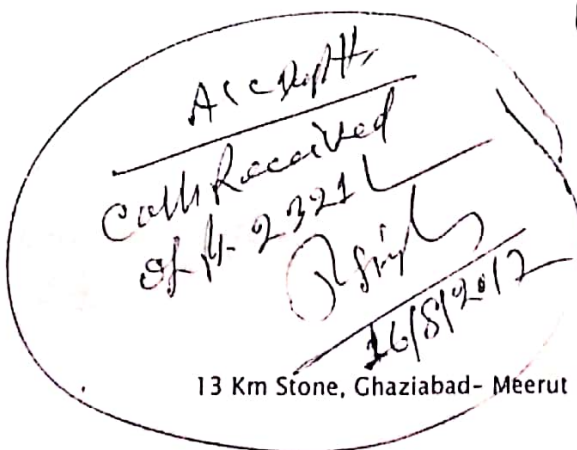
The event was very successful and participants got immense benefit from this event.

Yours faithfully,

  
Dr. Brijesh Singh  
Associate Professor  
& Summer School Coordinator

please refund (RS 2321) - bill  
to AIC Deptl.

AAZ



13 Km Stone, Ghaziabad- Meerut Road (NH-58), Ghaziabad-201206, INDIA (UP)

W: www.kiet.edu

A Summer School  
On  
**Real-Time Simulations and  
Application of OPAL-RT in  
Electrical Engineering**  
(June 19-28, 2017)

**Organized By**

Department of Electrical & Electronics Engineering

**Organizing Head**

Dr. Neeraj Kumar Gupta, Head of Department

**Coordinator**

Dr. Brijesh Singh

Associate Professor

Contact: +91-8377825935

brijesh.singh@kiet.edu

**Co-Coordinator**

Dr. Manoj Prasad Badoni

Assistant Professor

Contact: +91-8750613832

manoj.badoni@kiet.edu

**Theme of School**

It is known fact that the rapid growth of design and manufacturing industries required some new technologies for fast simulation and control of industrial processes and troubleshooting methodologies. In other words, real-time simulation is a need of a technician to achieve fast and accurate solutions during the operations and the Real-Time Digital Simulator (RTDS) provides an efficient platform. Most of the research and development industries are using this technology to achieve solutions in the real-time frame. Now a day, most of the technical students and researchers have already been using this technology worldwide. Therefore, the department has planned to conduct the motioned school. The summer school on **Real-Time Simulations and Application of OPAL-RT** is a skill development and training program in which experts will teach the designing and controlling concepts (theoretically and their practical approaches) of various electrical systems such as power systems, power electronics, electrical drives, control systems, signal and systems etc. After attending the school, students' will be able to design and develop some research models based on RTDS technology.

**Registration Fee**

The registration fee for the students (UG, PG and Research Scholars) is **Rs. 750/-**. A maximum number of students participating in the school is limited to 50 students. Acceptance of registration in school is on first come first serve basis. All participants are requested to complete registration before **31<sup>st</sup> May 2017**. Payment of registration fee for participation in the school by cash payment in **KIET Account Office** or by **paytm** to **+91-8377825935**. The registration fee does not include any accommodation facility in the campus. (Please submit registration form and payment slip to the coordinators by June 05, 2017.)

**Important Dates**

Registration Started:	May 5, 2017
Last date of registration:	May 30, 2017
Starting of School:	June 19, 2017
Ending of School:	June 28, 2017

Department of Electrical and Electronics Engineering  
KIET Group of Institutions, 13 Km Stone, Ghaziabad- Meerut Road (NH-58)  
Ghaziabad-201206, INDIA (UP)  
W: [www.kiet.edu](http://www.kiet.edu)

Dear participants,

Please find following scheduled for Summer School on "Real-Time Simulations and Application of OPAL-RT in Electrical Engineering" during June 19-28, 2017.

Day	Date	Time	Event
Day 1	19/06/2017	9:30am – 10:00am	Registration and Opening of Summer School by Head EN
		10:00am – 10:45am	Tea Break
		10:45am – 12:30pm	Lecture on "Introduction of Real Time Simulation and Use of OPAL-RT" Presented by Dr. Brijesh Singh
		12:30pm – 1:30pm	Lunch Break
		1:30pm – 3:30pm	Lecture on "Introduction of Electrical Machines" Presented by Mr. Rajiv Kumar
		3:30pm – 3:45pm	Tea Break
		3:45pm – 4:30pm	Tutorial and Discussions
Day 2	20/06/2017	9:30am – 11:00am	Lecture on "Introduction of Electrical Machines" Presented by Mr. Rajiv Kumar
		11:00am – 11:15am	Tea Break
		11:15am – 12:30pm	Lecture on "Advance Electrical Machines and Industrial Applications" Presented by Mr. Rajiv Kumar
		12:30pm – 1:30pm	Lunch Break
		1:30pm – 3:00pm	Lecture on "Modeling of Electrical Machines using MATLAB/SIMULINK" Presented by Mr. Rajiv Kumar
		3:00pm – 3:15pm	Tea Break
		3:15pm – 4:30pm	Tutorial and Discussions
Day 3	21/06/2017	9:30am – 11:00am	Lecture on "Introduction of Power Electronics" Presented by Dr. Manoj Kumar Badoni
		11:00am – 11:15am	Tea Break
		11:15am – 12:30pm	Lecture on "Advance Power Electronics and Applications" Presented by Dr. Manoj Kumar Badoni
		12:30pm – 1:30pm	Lunch Break
		1:30pm – 3:00pm	Lecture on "Use of MATLAB/SIMULINK in Power Electronics and Drives" Presented by Dr. Manoj Kumar Badoni
		3:00pm – 3:15pm	Tea Break
		3:15pm – 4:30pm	Tutorial and Discussions
Day 4	22/06/2017	9:30am – 11:00am	Lecture on "Role of Real-Time Simulations in Power Electronics and Drives" Presented by Dr. Manoj Kumar Badoni
		11:00am – 11:15am	Tea Break
		11:15am – 12:30pm	Lecture on "Use of OPAL-RT for Real-Time Simulations in in Power Electronics and Drives" Presented by Dr. Manoj Kumar Badoni
		12:30pm – 1:30pm	Lunch Break
		1:30pm – 3:00pm	Tutorial and Discussions
		3:00pm – 3:15pm	Tea Break
		3:15pm – 4:30pm	Tutorial and Discussions
Day 5	23/06/2017	9:30am – 11:00am	Lecture on "Power Systems: Scope of Research & Development" Presented by Dr. Brijesh Singh
		11:00am – 11:15am	Tea Break
		11:15am – 12:30pm	Lecture on "Power Systems: Scope of Research & Development" Presented by Dr. Brijesh Singh
		12:30pm – 1:30pm	Lunch Break
		1:30pm – 3:00pm	Lecture on "Modern Trends in Power Systems Operations and Real-Time Simulations" Presented by Dr. Brijesh Singh
		3:00pm – 3:15pm	Tea Break
		3:15pm – 4:30pm	Tutorial and Discussions
Day 6	24/06/2017	9:30am – 11:00am	Lecture on "Power Systems Modeling and Design using MATLAB/SIMULINK" Presented by Dr. Brijesh Singh
		11:00am – 11:15am	Tea Break
		11:15am – 12:30pm	Lecture on "Power Systems Modeling and Design using MATLAB/SIMULINK" Presented by Dr. Brijesh Singh
		12:30pm – 1:30pm	Lunch Break
		1:30pm – 3:00pm	Lecture on "Use of OPAL-RT Software for Real-Time Simulations in Power Systems" Presented by Dr. Brijesh Singh
		3:00pm – 3:15pm	Tea Break
		3:15pm – 4:30pm	Tutorial and Discussions



Day 7	25/06/2017	9:30am – 11:00am	Lecture on "Introduction to Pspice" Presented by Mr. Anil Kumar
		11:00am – 11:15am	Tea Break
		11:15am – 12:30pm	Lecture on "Introduction to Pspice" Presented by Mr. Anil Kumar
		12:30pm – 1:30pm	Lunch Break
		1:30pm – 3:00pm	Lecture on "Xilinx ISE8.1 for digital circuits and FPGA" Presented by Mr. Anil Kumar
		3:00pm – 3:15pm	Tea Break
		3:15pm – 4:30pm	Tutorial and Discussions
Day 8	26/06/2017	9:30am – 11:00am	Lecture on "Control Systems: Conventional vs. Modern Applications" Presented by Dr. Brijesh Singh
		11:00am – 11:15am	Tea Break
		11:15am – 12:30pm	Lecture on "Role of MATLAB/SIMULINK in Control Systems" Presented by Dr. Brijesh Singh
		12:30pm – 1:30pm	Lunch Break
		1:30pm – 3:00pm	Lecture on "Use of OPAL-RT for Real-Time Simulations in Control Systems" Presented by Dr. Brijesh Singh
		3:00pm – 3:15pm	Tea Break
		3:15pm – 4:30pm	Tutorial and Discussions
Day 9	27/06/2017	9:30am – 11:00am	Practical Session
		11:00am – 11:15am	Tea Break
		11:15am – 12:30pm	Practical Session
		12:30pm – 1:30pm	Lunch Break
		1:30pm – 3:00pm	Practical Session
		3:00pm – 3:15pm	Tea Break
		3:15pm – 4:30pm	Practical Session
Day 10	28/06/2017	9:30am – 11:00am	Practical Session
		11:00am – 11:15am	Tea Break
		11:15am – 12:30pm	Practical Session
		12:30pm – 1:30pm	Lunch Break
		1:30pm – 3:00pm	Discussion on use of OPAL-RT for future applications and scope in the department
		3:00pm – 3:15pm	Tea Break
		3:15pm – 4:30pm	Valedictory Session and Certificate Distribution

Dr. Brijesh Singh  
Coordinator  
Summer School



**A Summer School**  
**On**  
**Real –Time Simulation and Application of OPEL-RT in Electrical Engineering**  
**(June 19-28, 2017)**

S.No.	Student Name	Email-id	Contact no.
1	Himanshu Chaturvedi	littledevil00776@gmail.com	9451081893
2	Naveen Pandey	Navneenpandey0078@gmail.com	9457633982
3	Aditya Singh Chauhan	aditya.1521013@kiet.edu	8423694338
4	Krishan kant Sharma	krishnaalgr@gmail.com	9045060658
5	Nitin Kumar	nitinkumarmaurya5757@gmail.com	9911252497
6	Prakhar Kartikey	kartikeyprakhar111@gmail.com	9899178299
7	Vaibhav Gupta	vaibhavgupta8196@gmail.com	9557384258
8	Mayank Singh	mayankpratap07@gmail.com	8755757796
9	Saurav Karanwal	robosaurav@gmail.com	9837710466
10	Avinash Pratap	apratapsingh078@gmail.com	9621353531
11	Piyush Kumar	pathakpiyush020@gmail.com	7417900927
12	Gaurav Singh	Gauravrathor321@gmail.com	9891606563
13	Deepak Yadav	deepak.1521062@kiet.edu	8266839126
14	Mayank Gaur	Mayankkmr28@hotmail.com	8604832865
15	Mohd. Dilshad	mhdilshad@gmail.com	9795678803
16	Abdul Rauf Khan	rauf09032@gmail.com	7251054090
17	Pragya Mishra	mishrapragya20298@gmail.com	7599115845
18	Pankaj Jaiswal	jpankaj365@gmail.com	7065137716
19	Surbhi Kumar	surbhi3728@gmail.com	9958075841
20	Uryashi Singh	urvashi0197@gmail.com	9643701294
21	Namya Jha	Namya.ha@gmail.com	7065175245
22	Nikhil Goswami	goswaminikhil.98@gmail.com	7500034431

**A Summer School on Real-Time Simulation and Application of OPEL-RT in Electrical Engineering (June 19-28, 2017)**

**Attendance**

S. No.	Student Name	Contact no.	Day 1 19/6		Day 2 20/6		Day 3 21/6		Day 4 22/6		Day 5 23/6	
			Ist	IInd	Ist	IInd	Ist	IInd	Ist	IInd	Ist	IInd
1	Himanshu Chaturvedi	9451081893	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu	Himanshu
2	Naveen Pandey	9457633982	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
3	Aditya Singh Chauhan	8423694338	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya
4	Krishan kant Sharma	9045060658	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
5	Nitin Kumar	9911252497	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
6	Prakhar Kartikey	9899178299	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar
7	Vaibhav Gupta	9557384258	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav
8	Mayank Singh	8755757796	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
9	Saurav Karanwal	9837710466	Saurav	Saurav	Saurav	Saurav	Saurav	Saurav	Saurav	Saurav	Saurav	Saurav
10	Avinash Pratap Singh	9621353531	Avinash	Avinash	Avinash	Avinash	Avinash	Avinash	Avinash	Avinash	Avinash	Avinash
11	Piyush Kumar Pathak	7417900927	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush
12	Gaurav Singh	9891606563	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav
13	Deepak Yadav	8266839126	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak
14	Mayank Gaur	8604832865	Mayank	Mayank	Mayank	Mayank	Mayank	Mayank	Mayank	Mayank	Mayank	Mayank
15	Mohd. Dilshad	9795678803	Mohd.	Mohd.	Mohd.	Mohd.	Mohd.	Mohd.	Mohd.	Mohd.	Mohd.	Mohd.
16	Abdul Rauf Khan	7251054090	Abdul	Abdul	Abdul	Abdul	Abdul	Abdul	Abdul	Abdul	Abdul	Abdul
17	Pragya Mishra	7599115845	Pragya	Pragya	Pragya	Pragya	Pragya	Pragya	Pragya	Pragya	Pragya	Pragya
18	Pankaj Jaiswal	7065137716	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj
19	Surbhi Kumar	9958075841	Surbhi	Surbhi	Surbhi	Surbhi	Surbhi	Surbhi	Surbhi	Surbhi	Surbhi	Surbhi
20	Urvashi Singh	9643701294	Urvashi	Urvashi	Urvashi	Urvashi	Urvashi	Urvashi	Urvashi	Urvashi	Urvashi	Urvashi
21	Namya Jha	7065175245	Namya	Namya	Namya	Namya	Namya	Namya	Namya	Namya	Namya	Namya
22	Nikhil Goswami	7500034431	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil

Faculty  
Sign.



**A Summer School on Real-Time Simulation and Application of OPEL-RT in Electrical Engineering (June 19-28, 2017)**

**Attendance**

S. No.	Student Name	Contact no.	Day 6 24/6		Day 7 25/6		Day 8 27/6		Day 9 28/6		Day 10 29/6	
			Ist	IInd	Ist	IInd	Ist	IInd	Ist	IInd	Ist	IInd
1	Himanshu Chaturvedi	9451081893	(A)	Himanshu			Himanshu		Himanshu			
2	Naveen Pandey	9457633982	Naveen	Naveen	P	P	Naveen	Naveen	Naveen	Naveen	Naveen	Naveen
3	Aditya Singh Chauhan	8423694338	Aditya	Aditya	P	P	Aditya	Aditya	Aditya	Aditya	Aditya	Aditya
4	Krishan kant Sharma	9045060658	Krishan	Krishan	(A)	(A)	Krishan	Krishan	Krishan	Krishan	Krishan	Krishan
5	Nitin Kumar	9911252497	Nitin	Nitin	P	P	Nitin	Nitin	Nitin	Nitin	Nitin	Nitin
6	Prakhar Kartikey	9899178299	Prakhar	Prakhar	(A)	(A)	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar	Prakhar
7	Vaibhav Gupta	9557384258	Vaibhav	Vaibhav	P	P	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav	Vaibhav
8	Mayank Singh	8755757796	Mayank	Mayank	(A)	(A)	Mayank	Mayank	Mayank	Mayank	Mayank	Mayank
9	Saurav Karanwal	9837710466	Saurav	Saurav	P	P	Saurav	Saurav	Saurav	Saurav	Saurav	Saurav
10	Avinash Pratap Singh	9621353531	Avinash	Avinash	P	P	Avinash	Avinash	Avinash	Avinash	Avinash	Avinash
11	Piyush Kumar Pathak	7417900927	Piyush	Piyush	P	P	Piyush	Piyush	Piyush	Piyush	Piyush	Piyush
12	Gaurav Singh	9891606563	Gaurav	Gaurav	P	P	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav	Gaurav
13	Deepak Yadav	8266839126	Deepak	Deepak	P	P	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak
14	Mayank Gaur	8604832865	Mayank	Mayank	P	P	Mayank	Mayank	Mayank	Mayank	Mayank	Mayank
15	Mohd. Dilshad	9795678803	Mohd.	Mohd.	(A)	(A)	Mohd.	Mohd.	Mohd.	Mohd.	Mohd.	Mohd.
16	Abdul Rauf Khan	7251054090	Abdul	Abdul	P	P	Abdul	Abdul	Abdul	Abdul	Abdul	Abdul
17	Pragya Mishra	7599115845	Pragya	Pragya	(A)	(A)	Pragya	Pragya	Pragya	Pragya	Pragya	Pragya
18	Pankaj Jaiswal	7065137716	Pankaj	Pankaj	P	P	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj	Pankaj
19	Surbhi Kumar	9958075841	Surbhi	Surbhi	(A)	(A)	Surbhi	Surbhi	Surbhi	Surbhi	Surbhi	Surbhi
20	Urvashi Singh	9643701294	Urvashi	Urvashi	(A)	(A)	Urvashi	Urvashi	Urvashi	Urvashi	Urvashi	Urvashi
21	Namya Jha	7065175245	Namya	Namya	(A)	(A)	Namya	Namya	Namya	Namya	Namya	Namya
22	Nikhil Goswami	7500034431	Nikhil	Nikhil	P	P	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil

family signature

Prakhar Kartikey → ~~Kartikey~~ Kartikeyprakash2111@gmail.com