

A Brief Report on
One-day workshop on
“HOUSE WIRING”
(27th November, 2021)

Sponsored by
D. Sravan Kumar (Alumni 2020-2021)
M. Praveen Chandra (Alumni 2020-2021)

In association with



Institution's Innovation Council (IIC),
KITS Warangal



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Centre for Innovation Incubation Research & Entrepreneurship
(I²RE) – KITSW
(Academic Year 2021 – 22)
Kakatiya Institute of Technology & Science :: Warangal



1. INVITATION



KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE - WARANGAL
(An Autonomous Institute under Kakatiya University, Warangal)
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
In association with
Institution's Innovation Council (IIC) - KITSW

INVITATION

The Management, Principal,
Staff and Students
Cordially invite you to the inaugural of

One Day Workshop
On
"HOUSE WIRING"
(27th November, 2021)

Organized by
ELECTRICAL & ELECTRONICS ENGINEERING ASSOCIATION (EEEA)
In association with
Institution's Innovation Council (IIC) - KITSW

Prof. K. Ashoka Reddy
Principal, KITSW
has kindly consented to be the Special Chief Guest

Dr. P. Srikanth
Head, Centre for I²RE, KITSW
has kindly consented to be the Guest of Honour

Dr. S. Sunil Pratap Reddy
President, IIC - KITSW
has kindly consented to be the Guest of Honour

Date: Saturday, 27th November, 2021
Time: 9.30 AM to 1:00 PM
Venue: Seminar Hall, Block-III

N. Sri Kushal Reddy K. Samhitha B. Nikhitha <i>Student Coordinators, EEED</i>	Sri. G. Sunil Kumar <i>EEEA Coordinator, EEED</i> Sri. K. Srinivas <i>EEEA Coordinator, EEED</i> Sri. M. Srinivas <i>IIC-KITSW Coordinator, EEED</i>	Dr. C. Venkatesh <i>Professor & Head, EEED</i>
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*One Day Workshop
On
"HOUSE WIRING"
(27th November, 2021)*

PROGRAMME

9.30 AM	Welcoming dignitaries
9.35 AM	Welcome Address by Head, EEE-KITSW
9.40 AM	Address by President, IIC-KITSW
9.45 AM	Address by Head, Centre for I ² RE
9.50 AM	Presidential Remarks
10.00 AM	Vote of Thanks
10.02 AM	Group photo
10.05 AM -11.00 AM	Session on House wiring
11.00 AM -11.15 AM	Tea break
11.15 AM -12.50 PM	Hands-on session on House wiring
12.50 PM- 01.00 PM	Feedback session



2. POSTER

KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE – WARANGAL
(An Autonomous Institute under Kakatiya University, Warangal)
Department of Electrical and Electronics Engineering
Electrical and Electronics Engineering Association (E.E.E.A)
In association with
Institution's Innovation Council-4.0 (IIC-4.0)

A ONE DAY WORKSHOP
ON

HOUSE WIRING

LET US MASTER THE CIRCUITS AROUND US
ON

27th November 2021

STUDENT COORDINATORS
N Sri Kushal Reddy (IV/IV): 7913085268
K Samhitha (IV/IV): 9381643218
B Nikitha (IV/IV): 8790655237

FACULTY COORDINATORS
Sri. G. Sunil Kumar, Asst. Professor, EEED
Sri. K. Srinivas, Asst. Professor, EEED
Sri. M. Srinivas, Asst. Professor, EEED

Dr. S. Sunil Pratap Reddy
President IIC, KITSW

Dr. P. Srikanth
Head, Centre for I2RE, KITSW

Dr. C. Venkatesh
Professor & Head, EEED

Prof. K. Ashoka Reddy
Principal, KITSW

FOLLOW US

KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE – WARANGAL
(An Autonomous Institute under Kakatiya University, Warangal)
Department of Electrical and Electronics Engineering
Electrical and Electronics Engineering Association (E.E.E.A)
In association with
Institution's Innovation Council-4.0 (IIC-4.0)

A ONE-DAY WORKSHOP
ON

HOUSE WIRING

ON

27th NOVEMBER, 2021

STUDENT COORDINATORS
N Sri Kushal Reddy(IV/IV)-7013085268
K Samhitha(IV/IV)-9381643218
B Nikitha(IV/IV)-8790655237

FACULTY COORDINATORS
Sri. G. Sunil Kumar, Asst. Professor, EEED
Sri. K. Srinivas, Asst. Professor, EEED
Sri. M. Srinivas, Asst. Professor, EEED

Dr. S.Sunil Pratap Reddy
President, IIC, KITSW

Dr. P. Srikanth
Head, Centre for I2RE, KITSW

Dr. C. Venkatesh
Professor & Head, EEED

Prof. K.Ashoka Reddy
Principal, KITSW



3. INTRODUCTION TO THE WORKSHOP

One-day workshop on House Wiring aims to familiarize the basic house wiring circuits among the students. House wiring is one of the most important things, an electrical engineer should know. Engineering is all about implementing ideas and working them out practically and hence it is essential for an electrical engineer to know the basic circuits around them. This house wiring is all about the proper installation of the electrical wiring system so as to allow for the proper usage of energy by the appliances in the house and around the house. This also includes connections involving switches, breakers, meters, etc. This workshop helps participants know and plan proper ways to give connections by taking all the safety precautions. In this workshop, the connections discussed were:

1. Two pin Socket
2. Three pin Socket
3. Single Switch Wiring
4. Staircase Wiring
5. Regulator with bulb control

Along with these connections, every circuit included a Miniature Circuit Breaker (MCB) so as to switch off the circuit in case of any fault or an overcurrent detected and an indicator was used so as to ensure the board is getting the supply.

Not only knowing the circuits, the participants were able to get a hands-on experience of these circuits while knowing how to give connections in a proper way.

EVENT DETAILS:

A total of 126 participants from various years of study from Electrical and Electronics Engineering branch have participated the event. Also, 26 volunteers have attended the workshop to guide participates in the Hands-on session. The workshop event has completed successfully under the supervising of Asst. Prof. G. Sunil Kumar and Asst. Prof. M. Srinivas. Students came to an awareness about the different kinds of connections used in the hose wiring.



4. ADDRESS BY THE GUESTS

Address by Dr. C. Venkatesh sir, HOD EEE:

The One-day Workshop on “HOUSE WIRING” was inaugurated by Dr. C. Venkatesh, Head, EEED, KITS Warangal in the presence of guests and audience. In his welcome address, Dr. C. Venkatesh, thanked Prof. K. Ashok Reddy, Principal, KITSW for arranging the One Workshop, Dr. S. Sunil Prathap Reddy, President, IIC -KITSW for collaborating with EEEA. He also thanked the guest of honor Dr. P. Srikanth, Head, Centre of I2RE, KITSW and other guest Sri M. Narsimha Rao, Asst. Dean student affairs, KITSW for motivating the participants in the field of electrical engineering. He also added value by introducing the KSQ technique to the participants which means Knowledge, Skill and Quality must be practiced in order to solve the real world problems.

Address by Sri Kushal Reddy Nomula, Student President, EEEA:

In his address, Kushal Reddy explained about the house wiring workshop and briefed about the theory and practical sessions. Also, he has helped the participants know the importance of practicality in engineering rather than conceptuality. He also mentioned in this address that engineering is all about implementing things and keep providing better solutions to a problem than ever.

Address by Sri G. Sunil Kumar, Faculty Coordinator EEEA:

The EEEA coordinator Sri G. Sunil Kumar helped the participants realize the essence of this workshop and thanked each and every dignitary for attending the workshop, the EEEA Association members guided under the President Sri Kushal Reddy Nomula and wished for the success of event.



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Address by Sri K. Ajith, Convener, IIC:

In his address, Sri K. Ajith, Convener, IIC has mentioned about various competitions going on in the college and outside the college. He urged the students to participate in various state level and national level hackathons so as to gain exposure to various problems in the society and gain experience on these hackathons. In these terms, he also motivated the participants by explaining the importance of this workshop and how this workshop could act as a foundation for an Electrical Engineer.

Address by the Chief Guest Dr. V. Rajagopal sir, In-charge Principal:

In his address, Dr. V. Rajagopal, In-charge principal detailed the role of Electrical students in our present generation and motivated everyone to do projects which include innovation. He also mentioned the various activities conducted by EEEA, EEED and by KITS Warangal so as to bring awareness among the participants about the importance of these events.

Address by Guest of Honor, Dr. P. Srikanth, Head, Centre for I2RE, KITSW:

In his address, Dr. P. Srikanth, Head, Centre for I2RE, KITSW spoke about the various competitions going on in our country which encourages students to find solutions to the real world problems. He has also stressed the importance of the real time projects in order to contribute to the society as well as crack a successful career. In these terms, he also directed the students towards Innovation and Research so as to fulfill all the above objectives he has mentioned.

5. PHOTOGRAPHY DURING THE SESSION



Dr. C. Venkatesh, HoD of EEE addressing the gathering



Sri G. Sunil Kumar, Faculty In charge, EEEA addressing the gathering



Sri M. Narasimha Rao, Associate Dean-Student Affairs addressing the gathering



Sri K. Ajith, Convener-IIC addressing the gathering



Dr. V. Rajagopal addressing the gathering



Dr. P. Srikanth addressing the gathering



EEEA & IIC Faculty Coordinators with the Chief Guests



EEEA & IIC Coordinators with the participants

VOLUNTEERS ASSISTING THEIR TEAM MATES DURING THE HANDS-ON SESSION



PARTICIPANTS FILLING THE FEEDBACK FORM AND ATTEMPTING A QUIZ





6. LIST OF RESOURCE PERSONS

Roll no.	Name	Year	Section
B18EE016	Nikitha Balne	IV	EEE-1
B18EE069	Kandula Samhitha	IV	EEE-2
B18EE098	Sri Kushal Reddy Nomula	IV	EEE-2



7. LIST OF VOLUNTEERS

Roll no.	Name	Year	Section
B18EE009	D Nikhil Nayak	IV	EEE-1
B18EE011	P Susmitha	IV	EEE-1
B18EE012	Madikonda Rumitha	IV	EEE-1
B18EE017	Anche SaiKiran	IV	EEE-1
B18EE018	L Karthik	IV	EEE-1
B18EE039	Veldandi Sri Ram	IV	EEE-1
B18EE040	D Shiva Teja	IV	EEE-1
B18EE122L	Aluguri Akhil	IV	EEE-1
B18EE124L	Vemunuri Sumanth	IV	EEE-1
B18EE062	Ch Shreya Reddy	IV	EEE-2
B18EE067	B Srilatha	IV	EEE-2
B18EE070	Palleboina Samyuktha	IV	EEE-2
B18EE071	A Akash	IV	EEE-2
B18EE074	B Vikram Dath	IV	EEE-2
B18EE075	Vivek Kanugula	IV	EEE-2
B18EE076	Kurva Rahul	IV	EEE-2
B18EE077	D Akhila	IV	EEE-2
B18EE079	Aerla Dharani	IV	EEE-2
B18EE085	Kusuma Rasagna	IV	EEE-2
B18EE090	Panchagiri Tejasri	IV	EEE-2
B18EE094	Manthena Nikhila	IV	EEE-2
B18EE095	Badavath Venkanna	IV	EEE-2
B18EE097	Boda Gayathri	IV	EEE-2
B18EE111	Mekala Pranay bhaskar	IV	EEE-2
B18EE112	Doggela Nikhil	IV	EEE-2
B18EE127L	Bogam Jayanth	IV	EEE-2
B18EE129L	Nimmala Jeevan Sai	IV	EEE-2
B18EE130L	Pyaga Kishore	IV	EEE-2



8. LIST OF PARTICIPANTS

IIIrd YEAR			
Roll no.	Name	Year	Section
B19EE004	Narahari Jhansi	III	EEE-1
B19EE009	Jatoth Priyanka	III	EEE-1
B19EE018	Siliveri Srikanth	III	EEE-1
B19EE024	Kummarikuntla Chandana	III	EEE-1
B19EE041	D Akshitha	III	EEE-1
B19EE053	Bhukya Raj Kumar	III	EEE-1
B19EE061	D Rathan	III	EEE-2
B19EE062	Shivani Madharapu	III	EEE-2
B19EE063	Tejavath Rahul	III	EEE-2
B19EE064	Kodepaka Sujeeth Kumar	III	EEE-2
B19EE066	Remalla Triveni	III	EEE-2
B19EE067	Nishashvi Yalamakonda	III	EEE-2
B19EE068	Deepak Mediseti	III	EEE-2
B19EE074	G Santhosh Kumar Balaji	III	EEE-2
B19EE079	Valapadasu Dileep Kumar	III	EEE-2
B19EE082	Rahul Vaidya	III	EEE-2
B19EE085	Akhil Dasari	III	EEE-2
B19EE087	Pinnoju Gayatri	III	EEE-2
B19EE088	Md Zakir Hussain	III	EEE-2
B19EE093	Taduri Lokesh	III	EEE-2
B19EE094	Lakavath Tharun Nayak	III	EEE-2
B19EE096	Bussa Vamshi Bhagavan	III	EEE-2
B19EE097	Puli Sai Tharun	III	EEE-2
B19EE098	B Pranitha	III	EEE-2
B19EE101	G Swathi	III	EEE-2
B19EE102	D Sandeep	III	EEE-2
B19EE104	Ramadugu Prudhvi	III	EEE-2
B19EE105	Chintham Akash	III	EEE-2
B19EE109	Sindhu Sangineni	III	EEE-2



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B19EE110	L Abhinay	III	EEE-2
B19EE111	Kavyasri	III	EEE-2
B19EE112	Burgula Shravan	III	EEE-2
B19EE113	Sujithpogula	III	EEE-2
B19EE115	Bijja Sruthi	III	EEE-2
B19EE119	P Rohith	III	EEE-2
B19EE120	K.Shashi Kumar	III	EEE-2
B20EE129L	Gorantala Niharika	III	EEE-2
B20EE131L	Anugula Rachana	III	EEE-2
B20EE132L	Nunavath Ramesh	III	EEE-2
B20EE133L	Nishmitha Bandi	III	EEE-2
B20EE134L	Rayapurapu Nikhitha	III	EEE-2
B19EE028	K Keerthiprasanna	III	EEE-1
B19EE080	Nishath Tabassum	III	EEE-2
B19EE114	K Nikhil Kumar	III	EEE-2

IInd YEAR

Roll no.	Name	Year	Section
B20EE040	Prajwal Nunna	II	EEE-1
B20EE044	Dhote Karthik	II	EEE-1
B20EE066	Nakka Raveena	II	EEE-2
B20EE070	Tejaswi Pilli	II	EEE-2
B20EE075	Vaishnavi Reddy Palvai	II	EEE-2
B20EE077	Kanikaram Rakesh	II	EEE-2
B20EE084	Lingala Vamshi Krishna	II	EEE-2
B20EE087	Sunkari Poojitha	II	EEE-2
B20EE088	Barkkam Suprathika	II	EEE-2
B20EE092	A Shireesha	II	EEE-2
B20EE093	Shivani Donthula	II	EEE-2
B20EE095	S Srinija	II	EEE-2
B20EE096	M Sathwik Raj Chowhan	II	EEE-2
B20EE098	Apaka Sangeetha	II	EEE-2
B20EE099	Banoth Sunil	II	EEE-1
B20EE102	D Rushiraj	II	EEE-2
B20EE104	Ramakrishna Nagapuri	II	EEE-2



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B20EE105	Jatoth Venkanna	II	EEE-2
B20EE111	Thallapally Manisha	II	EEE-2
B20EE113	Chetpally Ravindhar	II	EEE-2
B20EE115	P Sai Vaibhav Likith Chandra	II	EEE-2
B21EE128L	Chandupatla Sai Balaji	II	EEE-1
B21EE131L	Sai Santhosh Pulluri	II	EEE-1
B21EE142L	Sai Vikas Thoudaboina	II	EEE-2
B21EE143L	Ch Akshay Khanna	II	EEE-2
B21EE148L	Preetham Malyala	II	EEE-2
B21EE153L	Kaluvala Vinay	II	EEE-2
B21EE156L	Bharath Chandra	II	EEE-2
B20EE005	D Nikhil	II	EEE-1
B20EE010	A Varsha	II	EEE-1
B20EE023	B Giridhar	II	EEE-1
B20EE026	G Shanthan	II	EEE-1
B20EE062	G Nagaraju	II	EEE-2
B20EE076	Y Fani	II	EEE-2
B21EE121L	J Rohith	II	EEE-1
B21EE123L	Mohd Zeeshan	II	EEE-1
B21EE125L	B Spandana Priya	II	EEE-1
B21EE136L	P Sai Sravan	II	EEE-2
B21EE147L	V Ganesh	II	EEE-2
B21EE155L	P Sai Kiran	II	EEE-2
B20EE065	Yashaswi Puli	II	EEE-2



9. SAMPLE CERTIFICATES

FOR RESOURCE PERSON:



FOR VOLUNTEER:



FOR PARTICIPANT:



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