

A REPORT
on
SUMSHODHINI'21



Organized by



In association with





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1.ORGANIZING COMMITTEE

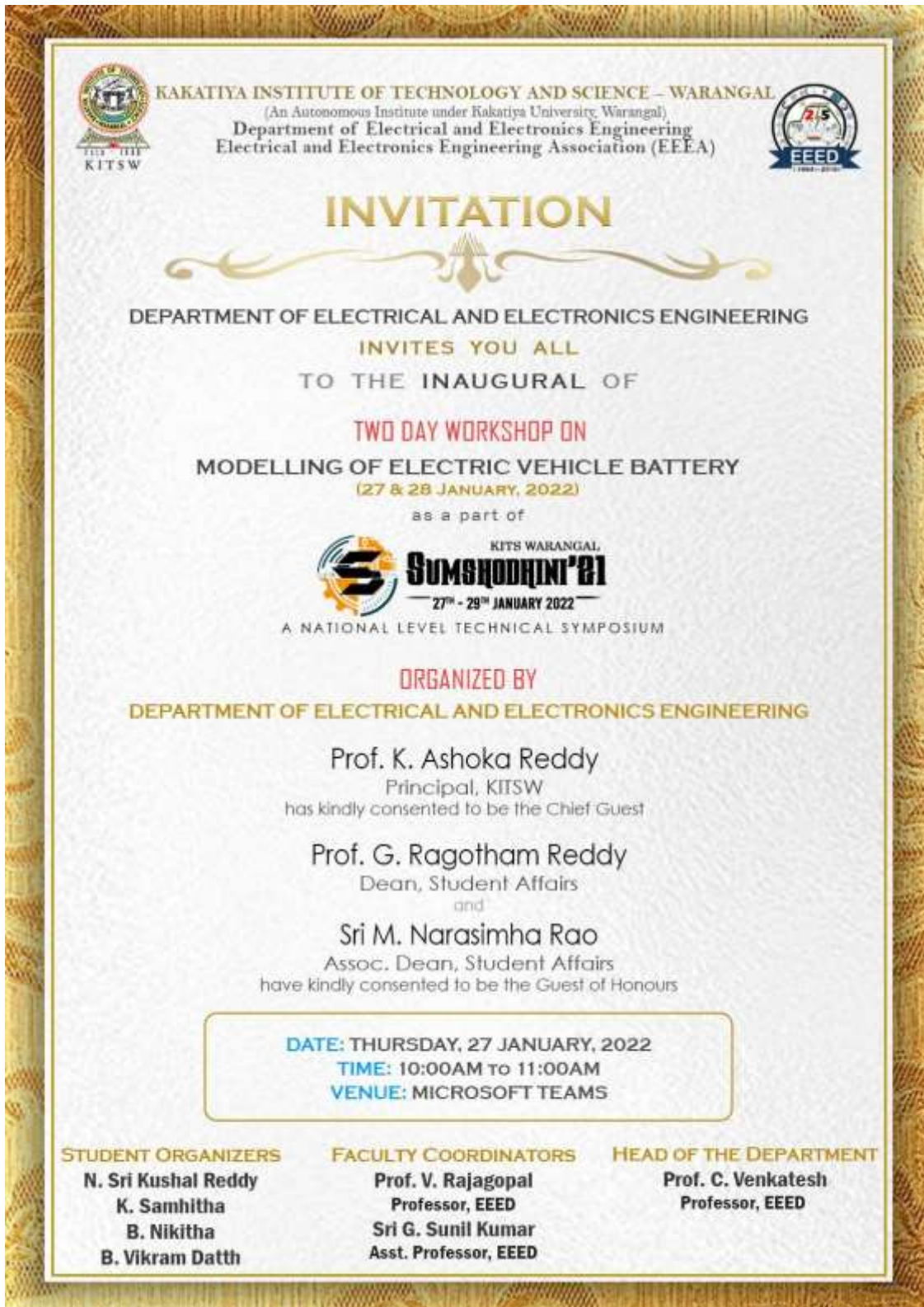
HEAD OF THE DEPARTMENT		
Name	Mobile no.	Designation
Prof. C. Venkatesh	9440031922	Professor and Head, EEED



FACULTY ORGANIZING COMMITTEE			
S. no.	Name	Mobile no.	Designation
1.	Sri G. Sunil Kumar	9618931612	Assistant Professor, EEED
2.	Sri K. Srinivas	9398099230	Assistant Professor, EEED

STUDENT ORGANIZING COMMITTEE					
S. no.	Team	Name	Roll no.	Mobile no.	Committee
1.	S'21 Student Coordinator	Sri Kushal Reddy Nomula	B18EE098	7013085268	Core
2.	Registration Committee	M Nikhila	B18EE094	6304316812	Core
		CH Sri Vaishnavi	B19EE008	7093729045	Sub Core
		K Sujeeth Kumar	B19EE064	9063726818	Sub Core
		K Rakesh	B20EE077	9177493632	Work Force
		V Rajashekar	B20EE029	9704032922	Work Force
		To coordinate with their respective events and maintain a track of all the registrations.			
3.	Finance Committee	D Nikhil	B18EE112	9573851398	Core
		V Pranathi	B18EE033	9502908231	Core
		K Sujith Kumar	B19EE116	7093129677	Sub Core
		B Sruthi	B19EE115	9390619484	Sub Core
		D Rushiraj	B20E1023	8142016786	Work Force
		A Sai Sindhuja	B20EE012	8978453864	Work Force
To coordinate with their respective events in terms of payments for registrations and maintain a track of all the sources of payments.					
4.	Poster Designing Committee	A Dharani	B18EE079	9014934553	Core
		B Nikitha	B18EE016	8790655237	Core
		A Sai Kiran	B18EE017	7993567799	Core
		K Revanth Sai	B19EE036	7093775893	Sub Core
		J Sai Chandu	B19EE077	8019772385	Sub Core
		D Shivani	B20EE093	9951768210	Work Force
		H Navya Niveditha	B20EE028	8790509596	Work Force
To prepare all the posters and banners as per the requirement for their respective events.					

S. no.	Team	Name	Roll no.	Mobile no.	Committee
5.	Logistics Committee	Madikonda Rumitha	B18EE012	6304935647	Core
		CH Shreya Reddy	B18EE062	9381568928	Core
		B Vikram	B18EE074	8106077500	Core
		T Tapanchandra	B19EE012	7036887294	Sub Core
		P Koushik Kamal	B19EE001	7995730938	Sub Core
		Nishath Tabassum	B19EE080	8096483993	Sub Core
		N Ramakrishna	B20EE104	9515677685	Work Force
		To look after the printing of posters and banners.			
6.	Publicity Committee	K Rasagna	B18EE085	9440349620	Core
		A Sanjay	B18EE036	9346310795	Core
		N Jeevan Sai	B19EE129L	8309943341	Core
		V Sumanth	B19EE124L	9676980513	Core
		C Roshan	B19EE016	7993123569	Sub Core
		L Hima Varsha	B19EE032	8309943341	Sub Core
		M Sri Varun Raj	B19EE043	9393354361	Sub Core
		P Sai Vaibhav Likith Chandra	B20EE115	8978453864	Work Force
		S Poojitha	B20EE087	9553102084	Work Force
		To ensure the proper reach of events among all the colleges possible.			
7.	Web Designing	K Samhitha	B18EE069	9381643218	Core
		T Tejaswini	B18EE034	9381718952	Core
		A Akash	B18EE071	6302710126	Core
		G Santhosh Kumar Balaji	B19EE080	8096483993	Sub Core
		K Tharun	B20EE009	7036851387	Work Force
		K Varshini	B20EE053	7702381987	Work Force
		B Kranthi Kumar	B20EE054	9381369026	Work Force
		To collect and provide required data regarding their respective events to the Web Designing team.			


2.INVITATION



 **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 (EEEA) 

INVITATION

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
INVITES YOU ALL
TO THE INAUGURAL OF
TWO DAY WORKSHOP ON
MODELLING OF ELECTRIC VEHICLE BATTERY
(27 & 28 JANUARY, 2022)
as a part of



SUMSIDDHANTI '21
KITS WARANGAL
27th - 29th JANUARY 2022
A NATIONAL LEVEL TECHNICAL SYMPOSIUM

ORGANIZED BY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

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

Prof. G. Ragotham Reddy
Dean, Student Affairs
and
Sri M. Narasimha Rao
Assoc. Dean, Student Affairs
have kindly consented to be the Guest of Honours

DATE: THURSDAY, 27 JANUARY, 2022
TIME: 10:00AM TO 11:00AM
VENUE: MICROSOFT TEAMS

STUDENT ORGANIZERS	FACULTY COORDINATORS	HEAD OF THE DEPARTMENT
N. Sri Kushal Reddy K. Samhitha B. Nikitha B. Vikram Datth	Prof. V. Rajagopal Professor, EEED Sri G. Sunil Kumar Asst. Professor, EEED	Prof. C. Venkatesh Professor, EEED



The poster features a gold and white textured background. At the top left is the KITSW logo. The main text is centered and includes the workshop title, dates, and affiliation with the EEEA and Sumsudhini'21 symposium. The agenda is listed in a white box with a gold border. Logos for KITSW and EEEA are also present at the top of the 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 (EEEEA) 

TWO DAY WORKSHOP ON
MODELLING OF ELECTRIC VEHICLE BATTERY
(27 & 28 JANUARY, 2022)
as a part of

 **SUMSUDHINI'21**
KITS WARANGAL
27th - 29th JANUARY 2022
A NATIONAL LEVEL TECHNICAL SYMPOSIUM

AGENDA

10:00AM - Welcoming Dignitaries
10:05AM - Address by President, EEEA
10:08AM - Address by Faculty Coordinator, EEEA
10:10AM - Address by Faculty Coordinator of the Workshop
10:15AM - Address by Assoc. Dean, Student Affairs, Guest of Honour
10:20AM - Address by Dean, Student Affairs, Guest of Honour
10:25AM - Address by Head, EEED, KITSW
10:30AM - Presidential Remarks by Principal-KITSW, Chief Guest
10:35AM - Photo Session
10:40AM - Vote of Thanks

3.OVERALL POSTER

Nowadays, it has become very important for an Electrical and Electronics Engineer to have practical knowledge along with the theoretical knowledge and hence, the Department of Electrical and Electronics Engineering is back with an exciting workshop and a set of technically packed events. The workshop is on the domain of one of the most trending technologies i.e., the Electric Vehicles. This two-day workshop is entitled as,

“Modelling of Electric Vehicle Battery”

The other exciting events include:

1. Paper Presentation
2. Poster Presentation
3. Circuit Debugging
4. Electromata
5. Power Play

OVERALL POSTER



The poster features the following text and graphics:

- Logos:** Kakatiya Institute of Technology & Science (KITSW), Institution's Innovation Council, and various accreditation logos.
- Event Title:** DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING PRESENTS A TWO DAY HANDS-ON WORKSHOP ON **MODELLING OF ELECTRIC VEHICLE BATTERY**
- Registration Cost:** Rs. 300/- per head
- DATE:** 27th & 28th JANUARY, 2022
- Event Details:**
 - POSTER PRESENTATION:** Registration Cost: Rs. 100, Date: 28th JAN, 2022
 - ELECTROMATA:** Registration Cost: Rs. 50, Date: 29th JAN, 2022
 - CIRCUIT DEBUGGING:** Registration Cost: Rs. 50, Date: 29th JAN, 2022
 - PAPER PRESENTATION:** Registration Cost: Rs. 150, Date: 29th JAN, 2022
 - POWERPLAY:** Registration Cost: Rs. 50, Date: 28th JAN, 2022
- Contact Information:**
 - Website: www.kitsw.ac.in
 - Facebook: [kitsw](https://www.facebook.com/kitsw)
 - Instagram: [kitsw](https://www.instagram.com/kitsw)
 - Twitter: [kitsw](https://twitter.com/kitsw)
 - LinkedIn: [kitsw](https://www.linkedin.com/company/kitsw)
 - YouTube: [kitsw](https://www.youtube.com/channel/UC...)
 - WhatsApp: [kitsw](https://www.whatsapp.com/channel/00299...)
 - Telegram: [kitsw](https://www.telegram.com/channel/00299...)
 - Facebook Messenger: [kitsw](https://www.facebook.com/kitsw)
 - Instagram Direct: [kitsw](https://www.instagram.com/kitsw)
 - Twitter DM: [kitsw](https://twitter.com/kitsw)
 - LinkedIn InMail: [kitsw](https://www.linkedin.com/company/kitsw)
 - YouTube Comments: [kitsw](https://www.youtube.com/channel/UC...)
 - WhatsApp Business: [kitsw](https://www.whatsapp.com/channel/00299...)
 - Telegram: [kitsw](https://www.telegram.com/channel/00299...)
- Faculty Coordinators:**
 - FACULTY COORDINATORS:** Sri G. Sunil Kumar - 9688933612, Sri K. Srinivas - 9395092330
 - FACULTY I/C-EE, KITSW:** Sri M. Srinivas - 8555093218
- Co-Coordinator:** Dr. T. JENITHIL MURUGAN - 9176031383
- Coordinator:** Dr. H. RAMESH BABU - 9908356255
- Co-Convenor:** Sri M. NARASIMHA RAO - 7013063268
- Convenor:** Prof. G. RAOGTHAM REDDY - 9908757901
- Hood of the Department, EEE:** Prof. C. VENKATESH
- Principal, KITSW:** Prof. M. AJHONA REDDY
- Treasurer, KITSW:** Sri P. NARAYANA REDDY
- Secretary & Correspondent, KITSW:** Capt. V. LAKSHMIKANTHA RAO - M.P.(R.S)

4. WORKSHOP

on

“MODELLING OF ELECTRIC VEHICLE BATTERY”

Electric Vehicles, one of the most emerging technologies is a great domain for the graduating engineers to explore. Electric Vehicles is a wide ocean with various sub-domains to explore and one among them which requires more attention is the Battery technology. This workshop focuses on the battery technology of an Electric Vehicle and also sets the venue for the participants to get their hands on the practical session too.

In the workshop on Electric Vehicle for SUMSHODHINI'21 from the Dept. of EEE, entitled “**Modelling of Electric Vehicle Battery**”, the participants will be able to get insights into various concepts and technologies of a battery. In this workshop, participants will be enlightened starting from the basics up till the modelling. The main focus of the workshop will be on:

1. Battery Terminology
2. Battery Technologies
3. Battery Management System
4. Modelling a Battery Management System (BMS)
5. Modelling a Battery
6. Making a Charging Circuit

In the workshop on Electric Vehicle, there is also a hands-on session where a battery will be made as per the requirement with the help of various important components which enable the battery to work efficiently. So, this workshop containing both theoretical as well as practical session will help the participants acquire knowledge on modelling a battery as per their requirement with the help of the Battery Management System. There are also exciting rewarding quizzes in between the sessions to test the participants' knowledge.

Workshop Outcomes:

By the end of this workshop, one will be able to,

1. Know the basic electric vehicle concepts along with its history and its rise.
2. Model a battery by gaining knowledge on battery management system, various trends in battery technology.

Event Details:

Revised Registration Fee: Rs.300/-

Event Date: 27th & 28th (FN) January, 2022

Workshop Coordinators:

1. N Sri Kushal Reddy – 7013085268
2. K Samhitha – 9381643218
3. Nikitha Balne – 8790655237
4. Bolloju Vikram Datth – 8106077500

Faculty Coordinators:

1. Dr. V. Rajagopal – 9392114063
2. Sri G. Sunil Kumar – 9618931612

WORKSHOP POSTER



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
PRESENTS
A TWO DAY HANDS-ON WORKSHOP
ON
MODELLING OF ELECTRIC VEHICLE BATTERY
Enroute to batteryland via chargecity
ON 27th & 28th JANUARY, 2022

REGISTRATION FEE: Rs. 300/- PER HEAD

SCAN & PAY TO REGISTER

STUDENT ORGANIZERS:
K. Samhitha - 9381643218
B. Nibitha - 8790655237
B. Vibram Daith - 8106077500

FACULTY COORDINATORS:
Dr. V. Rajagopal - 9392114063
Sri G. Sunil Kumar - 9618931612

STAFF:
N. SRI KUNHAL REDDY - 7013085368, Sumihadhini*21 Student Coordinator
T. ROHAN - 9908737901, Vice-President, ITE
Prof. C. VENKATESH, Head of the Department, EEE
Prof. K. ANHOKA REDDY, Principal, KITSW

EVENT PHOTOGRAPHS





LIST OF PARTICIPANTS

Roll no.	Name	College Name
B21EE036	BHEEM REDDY ASHWIN REDDY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE041	A SHASHI VARDHAN	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE005	DUSARI NIKHIL	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE026	GUJJETI SHANTHAN KUMAR ARYA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE128L	CH SAI BALAJI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE127L	GADDAM VARUN RAJ	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE031	THUMMALA LAXMI NAYANA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE021	GADDAM NIKHIL REDDY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE035	AZMEERA VYSHNAVI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE008	SYED DASTAGIR AHMED	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
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B21EE034	SANGI SHIVAMANI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE094	L THARUN NAYAK	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE038	SAMALA INDU	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE043	RONALDSON JOY B	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE020	VAINALA VARUN TEJA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE046	G SHIVA SNEHITH	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE050	Y RISHITH SAI REDDY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE003	A SNEHA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE032	J ABHISHEK	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE054	BASHABOINA SAIMANO HAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE115	BIJJA SRUTHI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE109	SINDHU SANGINENI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE108	PAKA ANUSHA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE083	SAMBARAJU RAMYA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
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B19EE110	LATIKAR ABHINAY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE105	AKASH CHINTHAM	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
191261	TUMMALA SADHWIKA	NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL
B21EE078	KOTA NAGABHARATH	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
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B19EE064	KODEPAKA SUJEETH KUMAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE053	KODEPAKA VARSHINI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE061	DEVULAPALLY RATHAN	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE090	SRIPATHI SRUTHI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE099	THATI SAI KUMAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE

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

B19EE118	G SHIVA KRISHNA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE018	HARNI SRI NAGA JYOTHI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE022	ERRAM BHAVANI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE023	B GIRIDHAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE040	N PRAJWAL	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE054	BHEEMARAM KRANTHI KUMAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE057	VANAM SAIGUNA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE065	YASHASWI PULI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE070	TEJASWI PILLI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE078	T ANJANI KUMAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE102	RUSHIRAJ DASU	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE115	P SAI VAIBHAV LIKITH CHANDRA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE118	MUTHYALA NIKHITHA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE016	CHUKKA ROSHAN KARTHIK	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE029	KOKKISA VIVEK VARDHAN	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE086	MD. ASLAM SHAREEF	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE137L	KUDIKALA SAI VISHWAS	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE147L	GANESH VEENAVANKA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE152L	BODA RAMCHANDAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE104	RAMAKRISHNA NAGAPURI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE154L	HAFSA FATHIMA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE051	P HARSHA PRIYA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE012	ATTALURI SAI SINDHUJA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE061	SRUTHI KEERTHIKA SURYA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE100	SAI ASHRITH KONDAM	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
2451-19-735-313	CH JAYASIMHA REDDY	MATURI VENKATA SUBBA RAO ENGINEERING COLLEGE
B20EE113	CHETPALLY RAVINDHAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE153L	KALUVALA VINAY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE116	BOLLAPPELLY MEGHANA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
2003A51258	JEEVANA BODAKUNTA	SR UNIVERSITY
2105A21L27	HARSHASREE	SR UNIVERSITY
B20EE131L	RACHANA ANUGULA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
19285A0206	DEVARAJU SRI SATHWIK	KAMALA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE075	VAISHNAVI REDDY PALVAI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE129L	G DEEPIKA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE067	THATIPALLI MANI KANTA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE134L	RAYAPURAPU NIKHITHA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
20X35A0426	VADAPALLI HEMANTH KUMAR	SRI INDU INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE069	SUNKOJU SRINATH	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE089	KURNA YESHWANTH	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE



WINNERS OF THE EVENT

SESSION 1		
Roll no.	Name	College Name
B21EE147L	GANESH VEENAVANKA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE154L	HAFSA FATHIMA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
SESSION 2		
Roll no.	Name	College Name
B20EE026	GUJJETI SHANTHAN KUMAR ARYA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE050	Y RISHITH SAI REDDY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
SESSION 3		
Roll no.	Name	College Name
B20EE070	TEJASWI PILLI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE154L	HAFSA FATHIMA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE



5.PAPER PRESENTATION

Paper Presentation is all about how effectively your idea is conveyed to the audience. Paper Presentation not allows judges the knowledge but also the creativity in that individual and hence the participant will be assessed in various criteria like presentation style, communication skills and how promptly and effectively he/she is able to answer the questions.

Once the participant is registered, they have to make soft copy of their Presentation in PPT format and they have to forward Abstract & PPT to the mail id provided by the organisers. And also, participants should make sure to attach a slide which includes acknowledgement of sources of their presentation at the end.

Event Outcomes:

By the end of this event, one will be able to,

1. Make effective presentations and present effectively.
2. Know how to implement many other technologies presented during the event.

Event Guidelines:

1. Each team can consist of maximum 2 members; it is not mandatory to form a team.
2. Participants have to send their final PPT to the mail id provided.

Event Details:

Registration Fee: Rs.150/-

Event Date: 29th Jan 2022 (9:40AM - 11:00AM)

Event Coordinators:

1. M Nikhila – 6304316812
2. A Sai Kiran – 7993567799
3. A Akash – 6302710126

Faculty Coordinators:

1. Sri M. Narasimha Rao – 9440788094
2. Dr. B. Jagadish Kumar – 9440514324

PAPER PRESENTATION POSTER



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE : WARANGAL
 (An Autonomous Institute under Kakatiya University, Warangal)
 (Accredited by NAAC with 'A' Grade)

KITSW WARANGAL
SumoDhini'21
 27th - 29th JANUARY 2022

ISTE IS STUDENTS' CONVENTION-2022
 ISTE KITSW STUDENT CHAPTER (AP016) & TECHNICAL CLUB KITSW
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
 PRESENTS



PAPER

PRESENTATION

Let your idea conquer the world

DATE: 29th JANUARY, 2022

Note: A team can consist of a maximum of two(2) members only.

STUDENT ORGANIZERS

M. Nihila - 6304316612
 A. Sai Kiran - 7993567799
 A. Akash - 6302710126

REGISTRATION FEE:
Rs. 150/- PER HEAD



SCAN & PAY TO REGISTER

FACULTY COORDINATORS

Sri M. Narasimha Rao - 9440788094
 Dr. B. Jagadish Kumar - 9440514324

 **N. JRI KUSHAL REDDY - 7013065268**
 SumoDhini'21 Student Coordinator

T. ROHAN - 9906757901
 Vice-President, IITE

Prof. C. VENKATESH
 Head of the Department, EEE

 eesumodhini@bitsw.ac.in

EVENT PHOTOGRAPHS



LIST OF PARTICIPANTS

Roll no.	Name	College Name
B20EE029	V RAJASHEKAR REDDY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE076	M VINEETH KUMAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE093	DONTHULA SHIVANI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE031	THUMMALA LAXMI NAYANA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE045	MOLUGURI HARINI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE025	D VIDHATHRI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE014	K BHAVANI DEVI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
20011BA026	PANDUGA SAI DEEKSHITH REDDY	JNTUH SCHOOL OF ARCHITECTURE AND PLANNING
B21EE092	KOTHA VAGDEVI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE075	VAISHNAVI REDDY PALVAI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE027	SIDDHARTHA VAITLA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE010	GUGULOTHU UGENDER	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE078	KOTA NAGABHARATH	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE033	A MANI SHANKAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE059	KODAKANDLA VIGNANKUMAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE086	MD. ASLAM SHAREEF	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE

WINNERS OF THE EVENT

WINNERS		
Roll no.	Name	College Name
B21EE025	D VIDHATHRI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE014	K BHAVANI DEVI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
1 st RUNNERS UP		
Roll no.	Name	College Name
B20EE029	V RAJASHEKAR REDDY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
2 nd RUNNERS UP		
Roll no.	Name	College Name
B20EE093	DONTHULA SHIVANI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE



6.POSTER PRESENTATION

Presentations are a form of art where one Poster presentation is a form of art where one conveys their idea in the form of PowerPoint presentation, poster, art, etc. Poster Presentation is one such form, which enhances the technical creativity in the participants by enabling them to summarize their idea in the form of a poster. This event, on the whole, assesses the participant in the terms of creativity used in conveying their idea.

Event Outcomes:

By the end of this event, one will be able to,

1. Create posters by visualizing the data available related to their project.
2. Present effectively and know the weaker areas in their communication skills.

Event Guidelines:

1. Participants have to present the idea or concept in which he/she interested by means of a poster.
2. Each team may consist of maximum 2 participants.
3. Members of a team may be from same college or different.
4. Maximum time for each team of presentation is 10 minutes.
5. A team member can't be a part of more than one team in the given competition.
6. The decision of the judges or coordinators shall be treated as final and binding on all.

Event Details:

Registration Fee: Rs.100/-

Event Date: 28th Jan 2022 (2:00PM – 3:00PM)


Event Coordinators:

1. Kusuma Rasagna – 9440349620
2. Aerla Dharani – 9014934553
3. Nimmala Jeevan Sai - 9581762363

Faculty Coordinators:

1. Dr. B. Vijay Kumar – 9963310059
2. Dr. G. Rajender – 9849570620

POSTER PRESENTATION POSTER



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE : WARANGAL
(An Autonomous Institute under Kakatiya University, Warangal)
(Accredited by NAAC with 'A' Grade)

Sumshodhini '21
27th - 29th JANUARY 2022

ISTE TS STUDENTS' CONVENTION-2022
ISTE-KITSW STUDENT CHAPTER (AP016) & TECHNICAL CLUB KITSW
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
PRESENTS

POSTER PRESENTATION

Unleash the creator in you

ON **28 JANUARY 2022**

A maximum of **two members** can participate per team

Stay among the top performers and win exciting **cash prizes**

REGISTRATION FEE: **Rs. 100/- PER HEAD**

SCAN & PAY TO REGISTER

STUDENT ORGANIZERS:
K. Raveena - 9440349620
A. Dharani - 9014934553
N. Jeevan Sai - 9581762363

FACULTY COORDINATOR:
Dr. B. Vijay Kumar - 9963310059
Dr. G. Rajender - 9849570620

M. SRI KUSHAL REDDY - 7013063308
Sumshodhini '21 Student Coordinator

T. ROHAN - 9906737901
Vice-President, IITE

Prof. C. VENKATESH
Head of the Department, EEE

www.kitsw.ac.in | www.sumshodhini21.com

EVENT PHOTOGRAPHS





LIST OF PARTICIPANTS

Roll no.	Name	College Name
B21EE021	GADDAM NIKHIL REDDY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE008	SYED DASTAGIR AHMED	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
1141108001	LEKKALA ABHIRAM SAI	NATIONAL INSTITUTE OF TECHNOLOGY, RAIPUR
	P SAI GANESH	SR UNIVERSITY
B20EE102	RUSHIRAJ DASU	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20CN042	ABHI CHARAN	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE077	KANIKARAM RAKESH	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE105	AKASH CHINTHAM	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
17334-mng-021	DINESH KALAKOTA	ABDUL KALAM INSTITUTE OF TECHNOLOGY AND SCIENCE

WINNERS OF THE EVENT

WINNERS		
Roll no.	Name	College Name
B19EE105	AKASH CHINTHAM	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
17334-mng-021	DINESH KALAKOTA	ABDUL KALAM INSTITUTE OF TECHNOLOGY AND SCIENCE

7.CIRCUIT DEBUGGING

The major part in the role of an Electrical Engineer lies in dealing with the circuits and that is what forms the gix of this event. Circuit Debugging puts the participant in a real time situation where the participant will be challenged to detect the error in the circuits, build a circuit as per the requirement, etc. The rounds in this event have been designed in such way that the participant will be tested in various perspectives which helps the participant realize the other perspectives of analysing a problem. The participants can test their practical skills through the rounds below:

1. **Circuit glitcher:** In this round, participants need to identify the faults in the given circuit, if any and correct them.
2. **Picto draw:** In this round, a circuit will be displayed on the screen for limited time period and the participants need to memorize the circuit and draw it within the given time.
3. **Loop hunt:** In this final round, participants should design their own circuit based on our requirements within given time.

Event Outcomes:

By the end of this event, one will be able to,

1. Learn the basics of electrical engineering and know the working behind various components and gadgets using in the day to day lives.
2. Identify and correct errors in basic electrical circuits and design various other electrical components.

Event Details:

Registration Fee: Rs.50/-

Event Date: 29th Jan 2022(10:10AM – 12:00NOON)

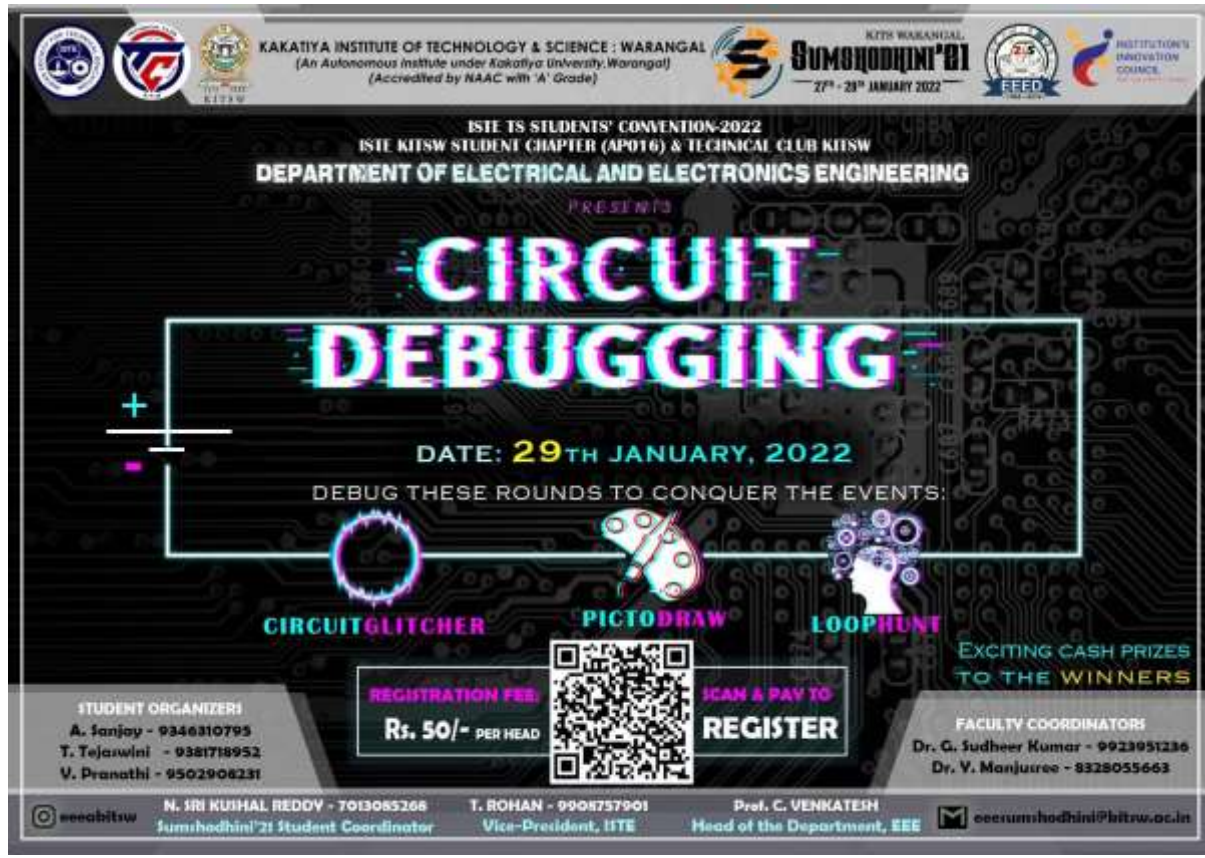
Event Coordinators:

1. A Sanjay - 9346310795
2. T Tejaswini - 9381718952
3. V Pranathi - 9502908231

Faculty Coordinators:

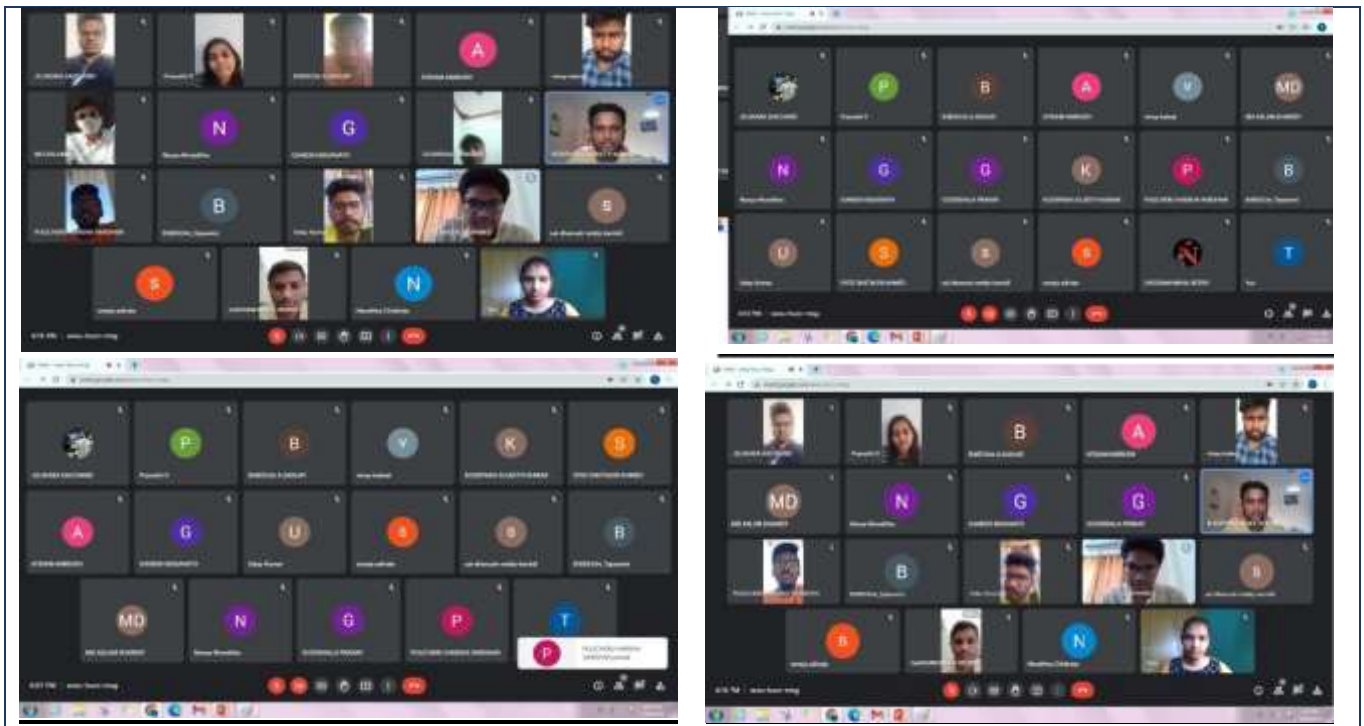
1. Dr. G. Sudheer Kumar – 9923951236
2. Dr. Y. Manjusree – 8328055663

CIRCUIT DEBUGGING POSTER



The poster features a dark background with a glowing circuit board pattern. At the top, it lists logos for IIT, IITW, and KITSW, along with accreditation details. The main title 'CIRCUIT DEBUGGING' is in large, colorful, glitched font. Below it, the date 'DATE: 29TH JANUARY, 2022' and the event description 'DEBUG THESE ROUNDS TO CONQUER THE EVENTS:' are shown. Three event icons are displayed: 'CIRCUIT GLITCHER' (a glowing circle), 'PICTODRAW' (a hand holding a pen), and 'LOOPHUNT' (a head with gears). A QR code is provided for registration, with the fee 'Rs. 50/- PER HEAD'. Faculty coordinators' names and contact numbers are listed at the bottom.

EVENT PHOTOGRAPHS





LIST OF PARTICIPANTS

Roll no.	Name	College Name
B21EE036	BHEEM REDDY ASHWIN REDDY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE071	G MANOHAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE076	M VINEETH KUMAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE008	SYED DASTAGIR AHMED	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE021	GADDAM NIKHIL REDDY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE080	DHOMALA UDAYKUMAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE106	K ASHISH KUMAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE113	CHEHPALLY RAVINDHAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE137L	KUDIKALA SAI VISHWAS	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE153L	KALUVALA VINAY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE002	S JHANSI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE007	RAJULA KOUSHIK	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE061	D RATHAN	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE070	P TEJASWI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE024	MOHAMMED AZAM	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE075	BANDU HARSHITHA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE092	KOTHA VAGDEVI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE098	MADHAVAN PAKA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE106	AKU VIGNAN	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE029	KOKKISA VIVEK VARDHAN	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE086	ASLAM SHAREEF	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE103	BADAVATH GANESH	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE026	N ABHINAV	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE043	RONALDSON JOY B	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE032	J ABHISHEK	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE019	B SUDHEENDRA REDDY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
19B45A0212	KOYALKAR DEEPAK	KSHATRIYA COLLEGE OF ENGINEERING
B21EE089	KURNA YESHWANTH	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE094	LAKAVATH THARUN NAYAK	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE132L	NUNAVATH RAMESH	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CS048	CHIDIRALA SAI NANDITHA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CS106	KODAM SUPRIYA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EC012	S ADVIK PATEL	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EC073	K SAI DHANUSH REDDY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE041	APPANI SHAHSI VARDHAN	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE073	PULICHERU HARSHAVARDHAN	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE074	AKINAPALLY VARSHITHA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE108	GODISHALA PRANAY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21IT044	ATIKAM ANIRUDH GOUD	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21IT049	ADIRALA SREEJA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21IT055	CHIRRA THILAK	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE



B21IT059	GORRE ANKITHA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21IT064	VALITI REDDY SATHWIKA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE

WINNERS OF THE EVENT

WINNERS		
Roll no.	Name	College Name
B21EE153L	KALUVALA VINAY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
1 st RUNNERS UP		
Roll no.	Name	College Name
B21EE008	SYED DASTAGIR AHMED	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
2 nd RUNNERS UP		
Roll no.	Name	College Name
B21CS048	CHIDIRALA SAI NANDITHA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE



8.ELECTROMATA

An engineer in any domain can conquer real time problems when they can analyse a problem from its roots. This event assesses the participants in terms of how strong their wall of basics has been built. This events makes the participant analyse the areas where they stand in terms of their basics through three rounds mentioned below:

1. **Pictoquest:** In this round, the participants need to answer the questions which will be displayed.
2. **Resistor Hunt:** In this round, the participants have to search for the resistors hid in the hall and have to decode the value of the resistor using the colour code.
3. **Brainpop:** In this round, the participants will be tested on their ability to think out of the box where they need to provide a solution to a problem statement provided.

Event Outcomes:

By the end of this event, one will be able to,

1. Know various trending technologies in electrical engineering.
2. Decode the value of resistors and identify few basic electrical and electronic components.

Event Details:

Registration Fee: Rs.50/-

Event Date: 29th Jan 2022 (12:00NOON – 1:00PM)

Event Coordinators:

1. D Nikhil – 9573851398
2. CH Shreya Reddy - 9381568928

Faculty Coordinators:

1. Dr. D. Rakesh Chandra – 9492442236
2. Sri T. Praveen Kumar – 9989734599

ELECTROMATA POSTER



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE : WARANGAL
(An Autonomous Institute under Kakatiya University, Warangal)
(Accredited by NAAC with 'A' Grade)

Sumshodhini '21
27th - 29th JANUARY 2022

ISTE TS STUDENTS' CONVENTION-2022
ISTE KITSW STUDENT CHAPTER (AP016) & TECHNICAL CLUB KITSW
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
PRESENTS

ELECTROMATA
THE HUNT FOR AN ELECTROMAN

DATE: 29TH JANUARY, 2022
CRACK THESE ROUNDS TO BE THE ELECTROMAN

PICTOQUEST **RESISTOR HUNT** **BRAINPOP**

REGISTRATION FEE: **Rs. 50/- PER HEAD** **SCAN & PAY TO REGISTER**

STUDENT ORGANIZERS:
D. Nithil - 9573851398
CH. Shreya Reddy - 9381568928

FACULTY COORDINATORS:
Dr. D. Raveesh Chandra - 9492442236
Sri T. Praaveen Kumar - 9909734599

N. SRI KUSHAL REDDY - 7013085268 T. ROHAN - 9908737901 Prof. C. VENKATESH
Sumshodhini '21 Student Coordinator Vice-President, IITE Head of the Department, EEE

www.eee.sumshodhini@bitsw.ac.in

EVENT PHOTOGRAPHS





LIST OF PARTICIPANTS

Roll no.	Name	College Name
B21EE036	BHEEM REDDY ASHWIN REDDY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE046	G SHIVA SNEHITH	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE071	GUJJUNURI MANOHAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CE044	SIDDHU PENDELA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CS061	BOMPALLY JANANI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CS133	P SAI KUMAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CS134	J AKSHITH REDDY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CS156	M SNEHITHA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CS164	S VISHWAK CHANDRA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EC090	SIDDHARTHA GUNDA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE048	N SATYAPRASAD	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CS149	N HARSHANTHI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CS152	K SUCHITHRA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CS159	B ANUSHA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CS160	R PUSHPASRI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CS122	B RISHI KUMAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CS136	J SAI GOUTHAM	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE005	PALNATI PRANAVI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CS131	I YESHWANTH REDDY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CS132	AKHILA MADHAMSHETTI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CS167	M NIKHILA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE015	M EUNICE	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CE034	K KIRAN KUMAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CE005	D JATHIN	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE008	SYED DASTAGIR AHMED	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE021	GADDAM NIKHIL REDDY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE041	SHASHI VARDHAN APPANI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CE045	B RAHUL	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CE033	B SHEKAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE043	RONALDSON JOY B	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE032	J ABHISHEK	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
19B45A0212	KOYALKAR DEEPAK	KSHATRIYA COLLEGE OF ENGINEERING
B20EE098	APAKA SANGEETHA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE147L	GANESH VEENAVANKA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE152L	BODA RAMCHANDAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE111	THALLAPALLY MANISHA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE108	GODISHALA PRANAY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE088	BARKKAM SUPRATHIKA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE073	PULICHERU HARSHA VARDHAN	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE109	AYESHA SIDDIQUI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE077	KANIKARAM RAKESH	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE



B20EE009	THARUN NALIKE	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CS108	K VISHRUTH	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CS075	G SIDDARTH	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CS072	P KARTHIK	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21CE036	M RANADEV	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE

WINNERS OF THE EVENT

WINNERS		
Roll no.	Name	College Name
B21CS075	G SIDDARTH	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
1 st RUNNERS UP		
Roll no.	Name	College Name
B21CS108	K VISHRUTH	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
2 nd RUNNERS UP		
Roll no.	Name	College Name
B21EE008	SYED DASTAGIR AHMED	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE

9.POWER PLAY

Anything which is learnt with joy is never forgotten and so is the event's main objective. Power Play tests the participants' technical skills in a non-technical way. The rounds are designed in such a way that the participants can learn new things while competing in a different way. The various rounds in this event are:

1. **Electric maze:** In this round, participants are given with crosswords and the participant need to highlight the word in the crosswords which is an answer to the question displayed.
2. **Light the brain:** In this round, three different coloured electric lamps with a number written on them are used. These lamps will be turned ON and OFF in a particular fashion and the participant needs to count the sum of all numbers on the lamps which are turned ON.
3. **Power mania:** In this final round, a video will be played on the screen only once and the participants, after watching this video, must answer the questions related to that video will be displayed on the screen.

Event Outcomes:

By the end of this event, one will be able to,

1. Enhance their thinking ability, improve their critical thinking and can know different perspectives of analysing a problem and solving it.
2. Know the working of various power plants and can analyse the challenges faced by them.

Event Details:

Registration Fee: Rs.50/- per head

Event Date: 28th Jan 2022(3:00PM – 4:30PM)

Event Coordinators:

1. Madikonda Rumitha – 6304935647
2. Vemunuri Sumanth - 9676980513

Faculty Coordinators:

1. Dr. A. Rajashekar – 8374932678
2. Sri C. Pavan Kumar – 9652801085

ELECTROMATA POSTER



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE : WARANGAL
(An Autonomous Institute under Kakatiya University, Warangal)
(Accredited by NAAC with 'A' Grade)

Sumahodhini '21
27th - 29th JANUARY 2022

ISTE '21 STUDENTS' CONVENTION-2022
ISTE KITSW STUDENT CHAPTER (AP016) & TECHNICAL CLUB KITSW
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
PRESENTS

EVENT ROUNDS

- ELECTRIC MAZE**
- LIGHT THE BRAIN**
- POWER MANIA**

POWER PLAY

EVENT DATE
28th JAN 2022

Exciting cash prizes for the WINNERS

REGISTRATION FEE: Rs. 50/- PER HEAD

SCAN & PAY TO REGISTER

STUDENT ORGANIZERS:
M. Ramitha - 6304935647
V. Sumanth - 9675980513

FACULTY COORDINATORS:
Dr. A. Rajashekar - 8374932678
Sri C. Pavan Kumar - 9652801085

CONTACT:
N. SRI KUSHAL REDDY - 7013095268
T. ROHAN - 9908737901
Prof. C. VENKATESH - Head of the Department, EEE
e: eesumshodhini@bitsw.ac.in

EVENT PHOTOGRAPHS





LIST OF PARTICIPANTS

Roll no.	Name	College Name
B21EE036	BHEEM REDDY ASHWIN REDDY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE046	G SHIVA SNEHITH	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE041	APPANI SHAHSI VARDHAN	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE029	K VIVEK VARDHAN	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE026	N ABHINAV	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE071	GUJJUNURI MANOHAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE052	G GAGAN	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE007	RAJULA KOUSHIK	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE016	ROSHAN KARTHIK	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE020	V VARUN TEJA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE005	DUSARI NIKHIL	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE023	BODDU GIRIDHAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE026	GUJJETI SHANTHAN KUMAR ARYA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE031	A MADHULIKA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE021	GADDAM NIKHIL REDDY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE031	T LAXMI NAYANA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE045	M HARINI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE050	YERUVA RISHITH SAI REDDY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE128L	CH SAI BALAJI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE127L	GADDAM VARUN RAJ	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE040	PRAJWAL NUNNA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE065	YASHASWI PULI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE140L	D ALEKYA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE145L	SREERAMOJU UMA MAHESWARI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE038	SAMALA INDU	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE042	PREM PALLAVI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE085	AKHIL DASARI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE030	MEGHANA KANDUKURI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE027	B SHIVA KUMAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE092	SHIRISHA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE098	APAKA SANGEETHA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE008	SYED DASTAGIR AHMED	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE111	THALLAPALLY MANISHA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE070	PILLI TEJASWI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE095	S SRINIJA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE096	M SATHWIK RAJ	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE061	D RATHAN GOWRI KUMAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE093	TADURI LOKESH	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE



B19EE068	DEEPAK MEDISETTI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE130L	K ARAVIND KUMAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE102	DHARAVATH SANDEEP	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE067	NISHASHVI YALAMAKONDA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE062	M SHIVANI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE106	AKU VIGNAN	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE098	MADHAVAN PAKA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE003	A SNEHA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE043	RONALDSON JOY B	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE032	J ABHISHEK	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE103	BADAVATH GANESH	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE110	LATIKAR ABHINAY	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE132L	NUNAVATH RAMESH	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE075	G SRIKANTH	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE090	SRIPATHI SRUTHI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE084	THALLAPPELLY SHIVA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE063	RAHUL TEJAVATH	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE112	BURGULA SHRAVAN	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B20EE088	BARKKAM SUPRATHIKA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE116	K SUJITH KUMAR	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE034	SANGI SHIVAMANI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21IN020	MADIKONDA SHIVA TEJA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE086	ASLAM SHAREEF	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B19EE091	B THIRUPATHI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE053	L VIVEK	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE

WINNERS OF THE EVENT

WINNERS		
Roll no.	Name	College Name
B21IN020	MADIKONDA SHIVA TEJA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE034	SANGI SHIVAMANI	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
1st RUNNERS UP		
Roll no.	Name	College Name
B21EE016	ROSHAN KARTHIK	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE020	V VARUN TEJA	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
2nd RUNNERS UP		
Roll no.	Name	College Name
B21EE043	RONALDSON JOY B	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE
B21EE032	J ABHISHEK	KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE



10.REGISTRATIONS

S. no.	Event Name	Registration Cost	Total Registrations
1.	Workshop on “Modelling of Electric Vehicle Battery”	Rs.300/- per head	79
2.	Paper Presentation	Rs.150/- per head	16
3.	Poster Presentation	Rs.100/- per head	9
4.	Circuit Debugging	Rs.50/- per head	43
5.	Electromata	Rs.50/- per head	46
6.	Power Play	Rs.50/- per head	63