



# KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

Opp : Yerragattu Gutta, Hasanparthy (Mandal), WARANGAL - 506015, TELANGANA, INDIA

కాకతీయ ప్రొటెక్టివ్ ఇంజనీరింగ్ విజ్ఞాన సంస్థానం, వరంగల్ - 506015, తెలంగాణ, భారతదేశము

కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, చరంగల్ - 506015 తెలంగాణ, భారతదేశము

(An Autonomous Institute under Kakatiya University, Warangal)

(Approved by AICTE, New Delhi; Recognised by UGC under 2(f) & 12(B); Sponsored by EKASILA EDUCATION SOCIETY)

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☎ : +91 9392055211, +91 7382564888

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### ECE ASSOCIATION (2021-22) REPORT

The Association of the Department of Electronic and Communication Engineering organized several programs in the A.Y:2021-22 with the able leadership of Dr. B. Rama Devi, Head of the Department and faculty coordinators Dr. K. Sowjanya, Asst. Prof, Sri S.Pradeep Kumar, Asst. Prof, Smt. E. Susmitha, Asst. Prof, Dr R.Prashanth, Asst. Prof, along with J.Laxmi Lahari, General Secretary and her team of students.

### ECEA EXECUTIVE BODY

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

**DEPARTMENT OF ECE ASSOCIATION BODY (2021-22)**

**FACULTY COORDINATORS**

 <b>DR.K.SOWJANYA</b>	 <b>S.PRADEEP KUMAR</b>	 <b>DR.B.RAMA DEVI</b> HEAD OF THE DEPARTMENT	 <b>E.SUSMITHA</b>	 <b>DR.R.PRASHANTH</b>
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**JOINT SECRETARIES**

  
**P.RIJU SHARMA**

**GENERAL SECRETARY**

  
**JALAGAM LAXMI LAHARI**

**TREASURER**

  
**CH.VARUN KUMAR**  
**CEO**  
(DESIGNER & PROMOTIONAL HEAD)

  
**G.SRAVAN**

  
**K.ANUPAMA**

  
**P.UDAY KIRAN RAY**

**EXECUTIVE MEMBERS**

**IV-YEARS**

 <b>D.SIDHARTH</b>	 <b>MANO TEJASWINI</b>	 <b>MD.MUZAFFAR ALI</b>	 <b>AKANKSHA</b>	 <b>A.SAI CHARAN</b>	 <b>PAVANI</b>
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**III-YEARS**

 <b>NIHARIKA RAO</b>	 <b>VAIBHAV PRANEETH</b>	 <b>G.SAI VARSHA</b>	 <b>HARSHAVARDHAN REDDY</b>	 <b>S.SHREYA</b>
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**II-YEARS**

 <b>K.NIKHITHA</b>	 <b>G.MITRAVARUN</b>	 <b>MOHAMMED SAMEER</b>	 <b>MADHURI CHANDANALA</b>
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**K.RAVI CHANDRA** **CH.LEKHANA PRASAD** **R.NIKHITHA RAJ** **B.V.N.SAI SHARAN**

## List of Events of ECEA 2021-22

**Odd Semester:**


S.No	Name of the Event	Date	Time	Resource Person	Number of participants
1	Inauguration of ECEA Executive body	18-09-2021	6.00 pm	-	
2	Workshop on "embedded systems industrial application"	07-09-2021	3.30 pm	Shaik Zubair Ahmed, Validation Engineer, Xilinx	75
3	Workshop on "Application of automation in industry"	14-09-2021	4.00 pm	Dr G.Santh Kumar, Dy Director, MSME, Ex-Scientist of ISRO	160
4	Workshop on "Machine Learning"	14 to 17-10-2021	10.00 am-4.00 pm	Sri P.Ravi Teja, Asst.Prof, ECE	
5	Quiz Whiz	28-10-2021	2.00 pm	-	180
6	Debate	11-11-2021	12:10-1:00pm	-	257
7	IMFS-Study Abroad Event	18-11-2021	12:10-1:00pm	Sundeeep, Mentor, IMFS	150




## Even Semester

S.No	Name of the Event	Date	Time	Resource Person	Number of participants
1	Fun Fiesta	10-02-2022	12:10-1:00pm	-	67
2	Awareness program regarding NPTEL Courses, Honors & Minors degree	17-02-2022	12:10-1:00pm	Dr B.Dhanalaxmi, Asst.Prof, ECED	84
3	Razzle Dazzle	24-02-2022	12:10-1:00pm	-	198
4	Word for a change	10-03-2022	12:10-1:00pm	-	56
5	Placement Awareness session	24-03-2022	12:10-1:00pm	G.Rakesh Yadav,Asst.Prof, EEED	75
6	Studying Abroad: Scope And Opportunities By Imfs	31-03-2022	12:10-1:00pm	Deepthi, Branch manager of IMFS Warangal	75
7	RAZZLE DAZZLE 2.0	07-04-2022	12:10-1:00pm	-	100
8	Seminar on "Corporate Life-Ways Of Working Skills In Demand"	21-04-2022	12:10-1:00pm	Mr. Aman, CEO, Pink Power Circle	40

# ECE ASSOCIATION 2021-22 INAUGURAL



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




*Invitation*

**DEPARTMENT OF ECE**


CORDIALLY INVITES YOU TO THE

**INAUGURAL**  
**A.Y : 2021-2022**

*of ECE Association*



18th September 2021  
6:00pm



Virtual meeting in  
Microsoft Teams  
ECE Association  
A.Y 2021-2022

**FACULTY COORDINATORS:**

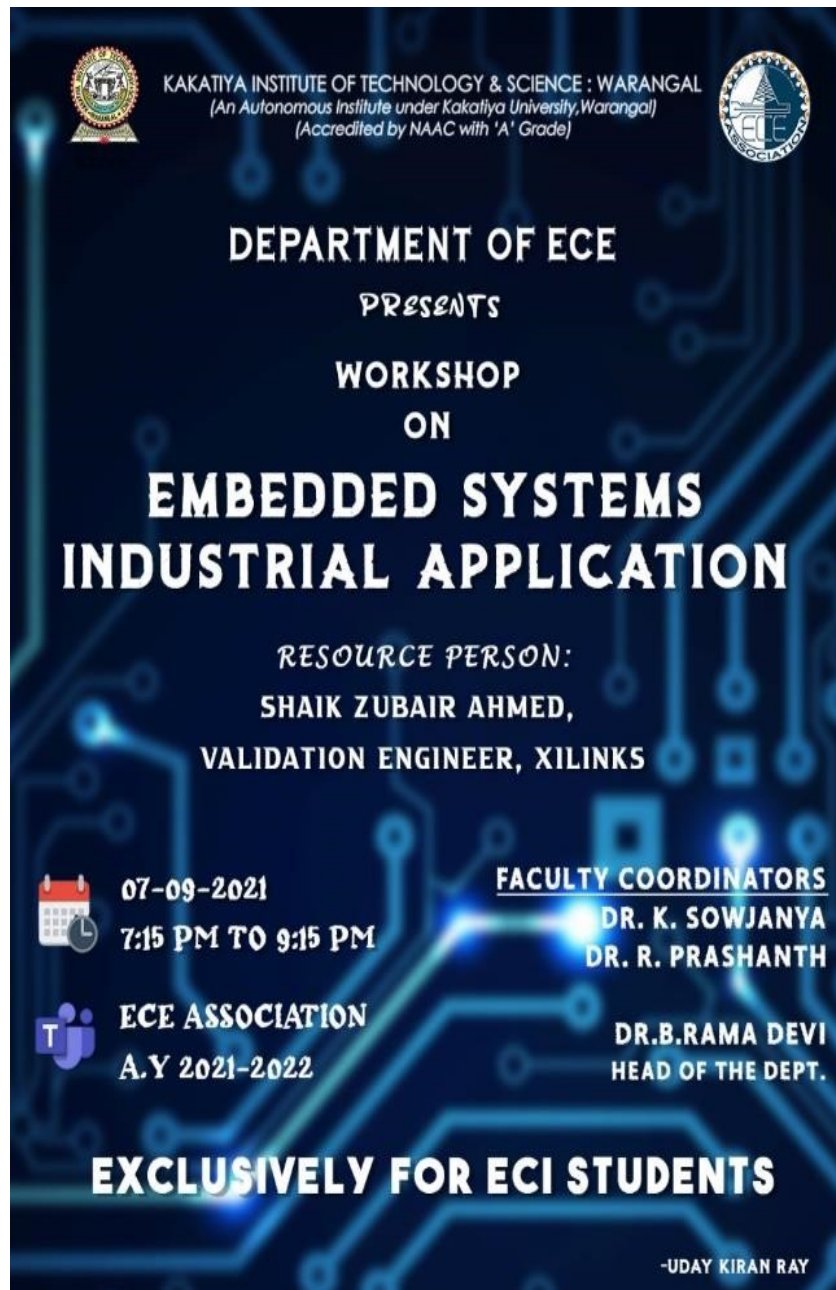
DR. K. SOWJANYA (ASST. PROF, DEPT OF ECE)  
SRI S. PRADEEP KUMAR (ASST. PROF, DEPT OF ECE)  
SMT. E. SUSMITHA (ASST. PROF, DEPT OF ECE)  
SRI CH. PAVAN KUMAR (ASST. PROF, DEPT OF ECE)  
SRI V. SHOBHAN REDDY (ASST. PROF, DEPT OF ECE)  
DR. R. PRASHANTH (ASST. PROF, DEPT OF ECE)

**DR. B. RAMA DEVI**  
HEAD OF THE DEPARTMENT  
**ECE**

*P. RIM SHAZMA*

We started the activities of ECE Association for the academic year 2021-2022 with an inauguration on 18th Sept, 2021 at 6.00 pm through Microsoft teams. Dr. B. Rama Devi, Head of the Department released the official executive body of ECEA 2021-22 and congratulated them. Students from 2nd ,3rd and 4th year have attended the meeting.

# WORKSHOP ON EMBEDDED SYSTEMS INDUSTRIAL APPLICATIONS



A workshop was conducted on 14-09-2021 from 6:00 pm to 8:00 pm in Microsoft teams. The speaker of the event is Shaik Zubair Ahmed. He is a Validation engineer from Xilinx. The objective of the program was to inspire the students on the underlying technical aspects of embedded systems and VIVADO tool. There were 75 students participated in the workshop.

# WORKSHOP ON APPLICATION OF AUTOMATION IN INDUSTRY



A workshop was conducted on 07-09-2021 from 7:15 pm to 9:15 pm in Microsoft teams. The speaker of the event is Dr. G. Sanath Kumar Deputy Director, Ex-Scientist of ISRO. The objective of the program was to inspire the students on the growing trend towards automation and data exchange in technology and processes within the manufacturing industry, including: The internet of things (IoT), The industrial internet of things (IIoT), Cyber-physical systems (CPS), Smart manufacture, Smart factories, Cloud computing, Cognitive computing, Artificial intelligence. 160 students participated in the workshop.



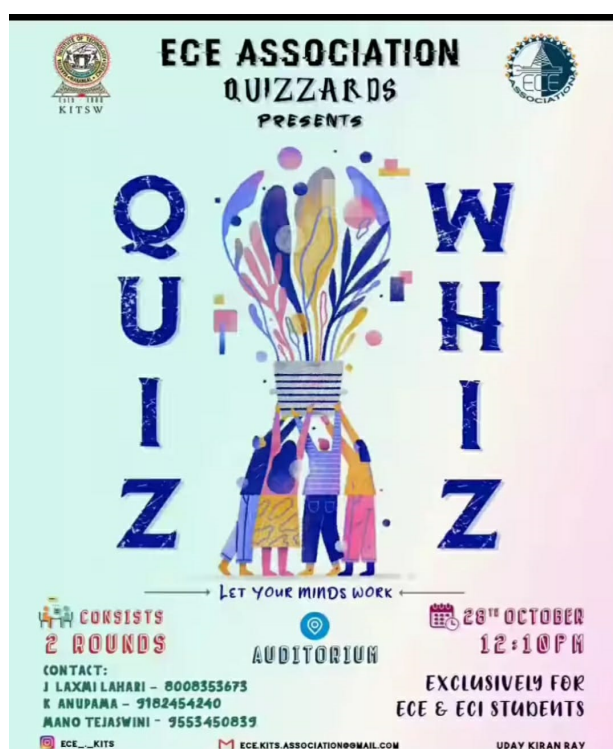
# WORKSHOP ON MACHINE LEARNING



Inorder to strengthen the students in the area of AIML which is having wide job opportunities, Dept of ECE organized this workshop to inculcate the basics of AIML with few examples. 160 students of 3<sup>rd</sup> year participated in this online workshop. The topics covered are: Introduction to Artificial Intelligence, Applications of AI & Current trends, PEAS Analysis, Different Types of AI Agents, Machine Learning Introduction, Supervised and Unsupervised, Learning Classification & Regression Problem Clustering, Anomaly Detection Getting started with Linear Regression , Mathematics behind Linear Regression, Building Linear Model, Gradient Descent.





# QUIZ WHIZ



A quiz event conducted on 28<sup>th</sup> October 2021 in the association hour from 12:10 to 1:30 pm in Auditorium for ECE and ECI students. The quiz competition was between 4 sections ECE1, ECE2, ECE3, ECI. The competition consisted of 2 rounds. 180 members have participated and made the event successful. The coordinators of the event are J. Laxmi Lahari, K. Anupama, Mano Tejaswini. This event developed the competitive spirit among the students to develop their skills. The faculty coordinators Dr K. Sowjanya, K. Pradeep Kumar, E. Susmitha have also attended the event.



## DEBATE: ITS TIME TO RISE YOUR VOICE



**ECE ASSOCIATION**  
PRESENTS

**THE DEBATE**

IT'S TIME TO RAISE YOUR VOICE



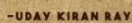
TOPIC  
IS ECE STUDENTS OPTING FOR  
SOFTWARE JOBS A GOOD TREND ?

11<sup>TH</sup> NOVEMBER, 2021  
12:10PM TO 1:00PM

CIVIL SEMINAR HALL,  
BLOCK-4, KITSW

CONTACT:  
P.RIJU SHARMA - 9390632352  
P.DHARANIDHAR - 9390413205

EXCLUSIVELY FOR ALL  
ECE & ECI STUDENTS

 ECE...KITSW  ECE.KITS.ASSOCIATION@GMAIL.COM 

S.No	Name of the Participant	Debating Side
1	B. Nagaraju	Proposition
2	K. Ravi Chandra	Proposition
3	Lekhana	Proposition
4	Sucharith Sharma	Proposition
5	Saba	Proposition
6	P. Dharanidhar	Proposition
7	Daniya	Opposition
8	Waseem	Opposition
9	Deepika	Opposition
10	Harika	Opposition
11	Nikhitha Raj	Opposition
12	Taufeeq	Opposition





# NATIONAL EDUCATION DAY

A **Debate** event was conducted on 11-11-2021 at 12:10 in Civil Seminar Hall on the occasion of **NATIONAL EDUCATIONAL DAY** – Birth Anniversary of 1<sup>st</sup> Indian Educational Minister Bharat Ratna Maulana Abul Kalam Azad in collaboration with Institution's Innovation Council (IIC) under the guidance of the faculty coordinator of ECE Association Dr. K. Sowjanya, IIC coordinator Dr. V. Raju Reddy, IIC President Dr. S. Sunil Pratap Reddy and Head of ECE Department Dr. B. Rama Devi.



The poster is for National Education Day on 11-11-2021. It features logos for Kakatiya Institute of Technology and Science, MHRD's Innovation Cell, AKTE, and the Institution's Innovation Council. The text includes a hearty welcome to participants, the date and day of the event, the celebration of the 134th birth anniversary of Bharat Ratna Maulana Abul Kalam Azad, and the organizers: Department of ECE in association with IIC KITS Warangal. A list of seven faculty members with their roles is provided at the bottom, along with contact and social media information.

**KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE – WARANGAL**  
(An Autonomous Institute under Kakatiya University, Warangal)  
Centre for Innovation Incubation Research & Entrepreneurship (C-<sup>2</sup>RE) - KITSW  
Institution's Innovation Council (IIC) 4.0- KITSW

**Hearty Welcome to all the participants**

**National Education Day**  
(11-11-2021, Thursday)  
Celebration of 134<sup>th</sup> birth anniversary of Bharat Ratna Maulana Abul Kalam Azad, India's first Minister for Education.

**Organized by Department of ECE in association with IIC KITS Warangal**

<b>Dr. K. Sowjanya</b> ECEA Coordinator	<b>Dr. V. Raju Reddy</b> Coordinator	<b>Sri. K. Ajith</b> Convenor, IIC -KITSW	<b>Dr. B. Ramadevi</b> Prof. & HoD, ECE Dept. -KITSW	<b>Dr. S. Sunil Pratap Reddy</b> President, IIC - KITSW	<b>Dr. P. Srikanth</b> Head, Centre for I <sup>2</sup> RE, KITSW	<b>Dr. K. Ashoka Reddy</b> Principal, KITSW
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**Contact & social media:**  
Email: [iic@kitsw.ac.in](mailto:iic@kitsw.ac.in); Twitter: #IIC KITSW; Instagram: i2re\_iic\_kitsw

The topic of the debate “**IS ECE STUDENTS OPTING FOR SOFTWARE JOBS A GOOD TREND?**”. There were 257 students who attended the event and there were 12 participants where 7 students were on the proposition side and 5 students were on the opposition side. The student coordinators for this event are P. Riju Sharma (IV/IV) ECE, J. Laxmi Lahari (IV/IV) ECE and P. Dharanidhar (III/IV) ECE. The faculty coordinators of ECE Association E. Susmitha, S. Pradeep Kumar, Dr. R Prashanth have also attended the event. Students have learnt about the significance of the field of job they need to choose.

## IMFS – STUDY ABROAD EVENT

A seminar on “Study Abroad: Scope and opportunities” – We give wings to your dreams. It was conducted on 18<sup>th</sup> November 2021 in the association hour from 12:10-1:00pm collaboration with IMFS Warangal. IMFS is one of the most widely growing study abroad consultancy in Warangal. So, the consultancy has conducted a seminar in offline mode to clear the students queries on study abroad opportunities and requirements to bag their dream universities.

All the executive members and faculty coordinators E.Susmitha ,S.Pradeep Kumar , Dr.K Sowjanya have also attended the event. Almost 150 members have attended the seminar. They have cleared their queries regarding the entrance exams, advantages of studying abroad etc.



**IMFS**  
K.R. SINGH EDUCATION SERVICES PVT. LTD.  
We give wings to your dreams

**KAKATIYA INSTITUTE OF TECHNOLOGY AND SCIENCE**  
WARANGAL  
ESTD-1980

**ECE ASSOCIATION**

**Studying Abroad:  
Scope & Opportunities**

We give wings to your dreams

**Venue:**  
Seminar Hall, Block VI,  
Kakatiya Institute of Technology  
and Science

 **18<sup>th</sup> November 2021,  
12 pm**

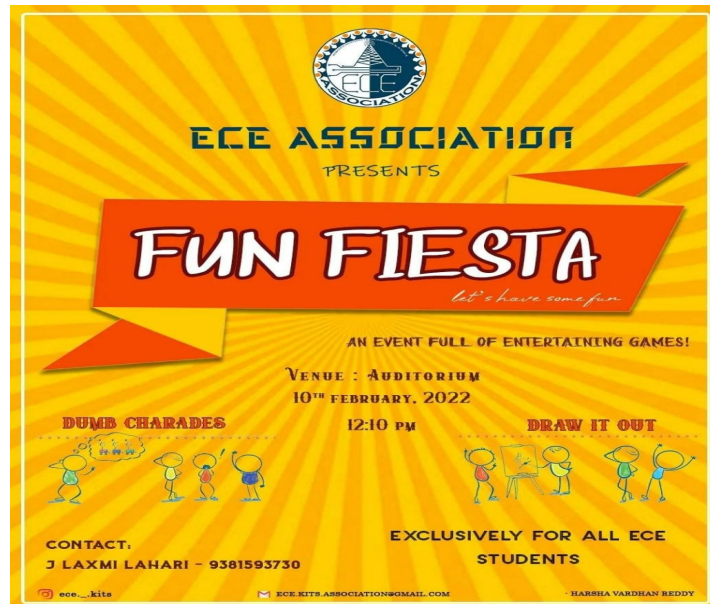
   **imfswarangal**





# FUN FIESTA

A fun event conducted on 10<sup>th</sup> February 2022 in the association hour from 12:10 to 1:30 pm in Civil Seminar Hall for ECE students. The quiz competition was between 4 sections ECE1, ECE2, ECE3. The competition consisted 2 rounds. 67 members have participated and made the event entertaining and successful. The coordinator of the event is J.Laxmi Lahari. This event encouraged the students to have some fun and enjoy the hour.





# **AWARENESS PROGRAM REGARDING NPTEL COURSES, HONORS & MINORS DEGREE**

An awareness program on “NPTEL COURSES, HONORS & MINORS DEGREE” was conducted on 17<sup>th</sup> February 2022 in the association hour from 12:10 to 1:30 pm in Civil Seminar Hall for ECE students. 84 members have participated and made the event successful. The orator of the event is Dr.B.Dhanalakshmi. This program motivated the students to know the importance of NPTEL courses and the benefit of having a honors & minors degree. The faculty coordinators Dr.K.Sowjanya, K.Pradeep Kumar , E.Susmitha have also attended the event.



## RAZZLE DAZZLE

A cultural event conducted on 24<sup>th</sup> February 2022 in the association hour from 12:10 to 1:30 pm in Auditorium for ECE students. The event was a blast. All the participants entertained everyone with their awesome performances. 198 members have attended and made the event entertaining and successful. The coordinators of the event are J.Laxmi Lahari, Varun, A.Harsha Vardhan Reddy and Niharika. The faculty coordinators Dr.K.Sowjanya, K.Pradeep Kumar, E.Susmitha have also attended the event.



**ECE ASSOCIATION**  
presents

**RAZZLE  
DAZZLE**  
*Thursday*

**SING      DANCE      LIVE**

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**EXCLUSIVELY  
FOR ALL  
ECE STUDENTS**

**Venue :**  
**Auditorium**  
**24<sup>th</sup> February**

**CONTACT :**  
J LAXMI LAHARI – 9381593730  
VARUN – 8985651510  
HARSHA VARDHAN – 8008775929  
NIHARIKA – 8374084345  
HARSHA VARDHAN REDDY

@ece\_kits      ECE.KITS.ASSOCIATION@GMAIL.COM





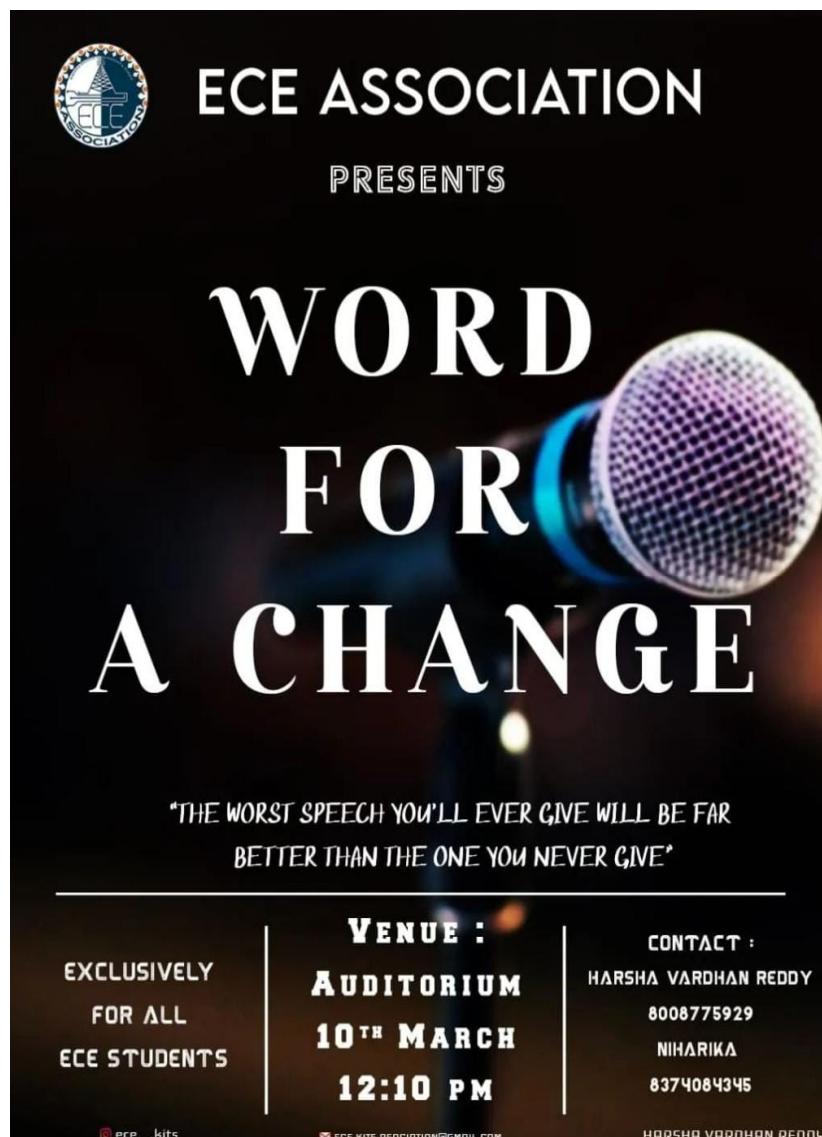







## WORD FOR A CHANGE

A speech competition was conducted on 10<sup>th</sup> March 2022 in the association hour from 12:10 to 1:30 pm in Auditorium for ECE students. The competition was between 3 sections ECE1, ECE2, ECE3. 56 members have attended and made the event successful. The coordinators of the event are Harsha Vardhan Reddy and Niharika. This event made the students to express their views on the topic "GENDER BIAS AND PATRIARCHY IN SCHOOLS AND WORKPLACE". The faculty coordinators Dr.K.Sowjanya, K.Pradeep Kumar, Chiranjeevi garu, R.Prashanth have also attended the event.






 **ECE ASSOCIATION**  
PRESENTS

# WORD FOR A CHANGE

*"THE WORST SPEECH YOU'LL EVER GIVE WILL BE FAR  
BETTER THAN THE ONE YOU NEVER GIVE"*

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<b>EXCLUSIVELY FOR ALL ECE STUDENTS</b>	<b>VENUE : AUDITORIUM 10<sup>TH</sup> MARCH 12:10 PM</b>	<b>CONTACT : HARSHA VARDHAN REDDY 8008775929 NIHARIKA 8374084345</b>
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 ece\_kits  ECE.KITS.ASSOCIATION@GMAIL.COM  HARSHA VARDHAN REDDY







## PLACEMENT AWARENESS SESSION

An awareness program conducted on 24<sup>th</sup> March 2022 in the association hour from 12:10 to 1:30 pm in Auditorium for ECE students. 75 members have participated and made the event successful. The orator of the event is G.Rakesh Yadav. This program motivated the students to know the importance of placements, how to prepare and crack the interview. The faculty coordinators Dr.K.Sowjanya, K.Pradeep Kumar, E.Susmitha have also attended the event.





# STUDYING AT ABROAD: SCOPE AND OPPORTUNITIES BY IMFS

A seminar conducted on 31<sup>st</sup> March 2022 in the association hour from 12:10 to 1:15 pm in New Seminar Hall, Block II for ECE students. 75 members have participated and made the event successful. The orator of the event is Deepthi, Branch manager of IMFS Warangal. This seminar was quite interesting which also provided the guidance to the students who are planning to study abroad. The faculty coordinators Dr.K.Sowjanya, K.Pradeep Kumar, E.Susmitha have also attended the event.



## RAZZLE DAZZLE 2.0

A cultural event conducted on 7<sup>th</sup> April 2022 in the association hour from 12:10 to 1:30 pm in New Seminar Hall, Block II for ECE students. All the participants entertained everyone with their amazing performances. Around 100 members have attended and made the event entertaining and successful. The coordinators of the event are J.Laxmi Lahari, Varun, A.Harsha Vardhan Reddy and Niharika. The faculty coordinators Dr.K.Sowjanya, K.Pradeep Kumar , R.Prashanth have also attended the event.





## CORPORATE LIFE-WAYS OF WORKING SKILLS IN DEMAND

A program conducted on 21<sup>st</sup> April 2022 in the association hour from 12:10 to 1:15 pm in New Seminar Hall, Block II for ECE students. 40 members have participated in the event. The orator of the event is Mr. Aman. This program was entertaining which also guided the students how the corporate life is going to be. And he also introduced their initiative "Pink Power Circle". The faculty coordinators Dr. K. Sowjanya, K. Pradeep Kumar, E. Susmitha have also attended the event.



