



KUPPAM ENGINEERING COLLEGE



Highlights of ECE

- VAJRAPAAT App Launched by Hon'ble Chief Minister Sri.N.Chandrababu Naidu garu
- NEWGEN IEDC Sponsored By NSTEDB, DST New Delhi with Grant Of 2.875 crores

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Department Activities

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Strength of Department

Chief Editor

Dr. G. N. Kodanda Ramaiah
R&D Director, HOD, ECE

Editor

Dr.K.Rasadurai Ph.D.,
Associate Professor
Mr.D.Sivakumar
Associate professor

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



From Chairman Desk



The vision of Kuppam Engineering College is to impart quality technical education, bring out the hidden skills and abilities of the students with proper discipline. We provide education, research and training at all levels to match global standards. Our policy is to mould the students by building confidence in them by imbibing qualities like discipline, dedication and determination. It is obligatory on our part not only to reach academic standards as on today but also to upgrade them. Finally, it will give us immense pleasure when students graduated from our college are well placed in their careers as opportunities will come knocking at their doors. The newsletter which is being rolled out today marks the launch of an effervescent activity that would enable the Management to bring out to the notice of the competitive world, the academic achievements of our prestigious institution. Kuppam Engineering College has grown by leaps and bounds, hurtling across barriers along the way. This has been made possible with the collaborative effort of the Management, the Staff and the Students of ECE department. I congratulate them for their commitment.

**Shri. B. C. NAGARAJ, M.B.A.,
Founder & Chairman**

YOUR SUCCESS
IS
OUR DREAM

From Vice Chairman 's Desk



We at Kuppam Engineering College always strive to achieve excellence in science and technology by imparting quality education with moral values. Along with regular academics we are equally providing training activities, research programs and industry institute interaction. We purely emphasize on entrepreneurship and leadership. Our aim is to produce young and dynamic leaders who can make their parents and the nation proud. I am delighted to know that ECE newsletter carries the Department news and the achievements of our staff and students, who earn credit for the institutions, is being released. On this gracious occasion I wish all the best to those who are responsible for bringing out this letter. On reading this text, it would definitely be an inspiration and motivation for the other students and staff to perform better and add on their contributions in the forthcoming issues. Congratulations to all of them.

**Dr. N. SUNIL RAJ, M.B.B.S.,
Vice Chairman**

Vision of the Department

To evolve as a Centre of excellence in education and research, train students in contemporary technologies to meet global needs and develop them into skillful engineers imbued with knowledge of core as well as inter disciplinary domains, human values and professional ethics.

Mission of the Department

To accomplish excellence through experienced / trained faculty with scope for research and enable students to face global challenges with moral, ethical and social values.

M1- Providing an experienced and trained faculty for impart quality education to face national and global challenges

M2 - Carry out research through constant interaction with research organizations and industry

M3- Providing educational environment with moral and ethical values



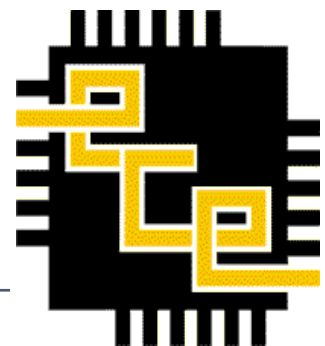
From Principal's Desk

It gives me immense pleasure to welcome you all to KEC, an eco-friendly campus that strives with a goal to attain excellence by empowering students with sound knowledge wisdom and experience. Our strength lies in creating pleasant ambience with an excellent infrastructure, qualified and experienced faculty committed to personal care, motivation to excel in academic, extracurricular activities and continuous interaction with industry. Over the past 17 years the college witnessed a string blend of state of the art infrastructure and dedicated human resource committed to provide professional education with trust on creativity and innovation. The motivating environment in KEC for knowledge, assimilation, generation and dissimulation with a sense of social responsibility, human values and concern for environment has carved a niche for itself among the best technical institutes.

"A desire can change nothing, a decision can change something, but a determination can change everything"

Be committed with strong determination to learn and reach new horizon, KEC will shape you for a successful and rewarding career.

Dr. S. SUDHAKAR BABU, M.E., Ph.D., MISTE
Principal



From HoD's Desk

Greetings and welcome to the issue of the TECHNEWS Newsletter! A newsletter inspires and motivates students and staff alike, for it reminds them of the zeal that they had once to do something extraordinary. We were overwhelmed by the response that we received from the coordinators and faculty members of ECE in making this newsletter possible. In this newsletter, we have reported significant achievements of the Department Staff and Students. Campus news and events, and the placement scenario have also been emphasized. I am glad to acknowledge the kind support that I received directly and indirectly, to bring out the newsletter on time.

Dr. G. N. KODANDA RAMAIAH, M.Tech., Ph.D, MISTE
PROFESSOR & Head, ECE
R&D Director



Editorial Board members:

1. Dr. K. Rasadurai, Assoc. Prof., ECE
2. Dr. D. Jayakumar, Assoc. Prof., ECE
3. Mr. V. Harinath, Assoc. Prof., ECE
4. Mr. S. Nanda Kishore, Assoc. Prof., ECE
5. Mr. M. Lakshmipathy, Assoc. Prof., ECE
6. Mr. Santhosh B. Panjagal, Assoc. Prof., ECE
7. Mr. Sathyanarayana, Lab Instructor, ECE



Research Grants Received

Sl. No.	Title of the Project	Principal Investigator	Sponsored By	Funding Amount	Status
1	NewGen IEDC	Dr. G.N. Kodanda Ramaiah Mr. Santhosh B Panjagal	DST- NSTEDB	2.87 Crores	2017-2022 Ongoing
2	MSME Incubator: Braille-Toy Indian Local Language Braille Teaching Toy.	Dr. G.N. Kodanda Ramaiah Dr. S. Nanda Kishor Mr. D. Sivakumar Ms. P. Santhi & Team	MSME Incubator	15 Lakhs	2020-2021 Ongoing
3	MODROB -AICTE	Dr. G.N. Kodanda Ramaiah Dr. K. Rasadurai	AICTE	16.36 Lakhs	2019-2021 Ongoing
4	Faculty Development Program (FDP) WEP	Dr. G.N. Kodanda Ramaiah and team	NSTEDB, DST-NIMAT, New Delhi	1.6 Lakhs	2020-21 On going
5	Pradhan Mantri Kaushal Vikas Yojna for Technical Institutions (PMKVY- TI)	Dr. G.N. Kodanda Ramaiah Dr. K. Rasadurai	AICTE	23 Lakhs	2018-2019 Ongoing
6	Student Startup NIDHI Programme	Dr. G.N. Kodanda Ramaiah Mr. Santhosh B Panjagal R.N. Mohan	DST-NSTEDB	10 Lakhs	2018-2019 Ongoing
7	NPTEL Awareness Workshop	Dr. G.N. Kodanda Ramaiah Dr. K. Rasadurai	MHRD-IITM	3 Lakhs	2018-19 Completed
8	Seminar Program for Women (Empowering Women Through Science and Technology)	Mrs. R. Sabaribanu	NCW	2.5 Lakhs	2018-19 Completed
9	National Wide Competition to Create Awareness about the Legal Rights of Women	Mrs. R. Sabaribanu	NCW	25000	2018-19 Completed

10	Faculty Development Program (FDP)	Dr. G.N. Kodanda Ramaiah Mr. M Lakshmipathy Mr. S. Nandakishor	NSTEDB, DST-NIMAT, New Delhi	2.5 Lakhs	2018-19 Completed
11	Entrepreneurship Awareness Camp (EAC)	Dr. G.N. Kodanda Ramaiah Mr. M Lakshmipathy	NSTEDB, DST-NIMAT, New Delhi	1 Lakh	2018-19 Completed
12	Self-Powered Wireless Sensor Networks to Monitor and Manage the Remote Environment Applications for Industrial Landfill Sites	Dr. G.N. Kodanda Ramaiah Mr. Santhosh B Panjagal	UGC-SERO Hyderabad	2.5 Lakhs	2017- 18 Completed
13	Entrepreneurship Awareness Camp (EAC)	Dr. G.N. Kodanda Ramaiah Mr. Santhosh B Panjagal	NSTEDB, DST-NIMAT, New Delhi	1 Lakh	2017-18 Completed
14	Design & Implementation of Solar Powered Remote Environment Monitoring System for Industry and Landfill Sites	Dr. G.N. Kodanda Ramaiah Mr. K. Tharun Kumar Reddy	IEI	1 Lakhs	2017- 18 Completed
15	Industry Institute Partnership Cell (IIPC)	Dr. G. Venugopal	AICTE	10.3 Lakhs	2014-15 Completed
16	Developing wall climbing ROBOT	Dr. G. Venugopal	The Institute of engineer's (in India)	50,000	2014-15 Completed
Total Amount Received				377.51 Lakhs	

Dr. G.N. Kodanda Ramaiah, Ph.D
Director, Research & HOD/ECE

Dr. S. Sudhakar Babu, Ph.D,
Principal

PLACEMENT DETAILS



KUPPAM ENGINEERING COLLEGE

(Approved by AICTE, Affiliated to JNTUA, Accredited by NAAC & ISO 9001-2008 Certified)
Kuppam-517425, Chittoor Dist., AP. Ph:08570-256966(0),256988(F)



www.kcc.ac.in

COUNSELLING CODE : KUPM

Heartiest Congratulations !!
To the students of 2021 passing out on getting campus placement by

Placement Prominent Features :

- * Placement training since 1st year
- * Mou's with Top Career Readiness Training organizations to Match-up with Industry Standards
- * Providing External Trainings to qualify all the NQTs of Top MNC's
- * 100% Personal Assistance to get On campus placement
- * Ongoing Technical Club Activities



TCS- 3.5 LPA

Top Recruiters



“YOUR SUCCESS MADE US PROUD”

CONTACT: 6303912518, 6303912517, 9393812267



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CTS- 4.5 LPA

Top Recruiters



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Heartiest Congratulations !!

To the students of 2021 passing out on getting campus placement by

TCS- 3.5 LPA

Placement Prominent Features :

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COUNSELLING CODE : KUPM

To the students of B.Tech - CIVIL 2021 passing out on getting campus placement by

MSN Constructions 2.16 LPA

Placement Prominent Features :

- * Placement training since 1st year
- * Mou's with Top Career Readiness Training organizations to Match-up with Industry Standards
- * Providing External Trainings to qualify all the NQTs of Top MNC's
- * 100% Personal Assistance to get On campus placement
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"YOUR SUCCESS MADE US PROUD"

CONTACT: 6303912518, 6303912517, 9393812267



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COUNSELLING CODE : KUPM

Heartiest Congratulations !!

To the students of 2021 passing out on getting campus placement by

CTS- 4.5 LPA

Placement Prominent Features :

- * Placement training since 1st year
- * Mou's with Top Career Readiness Training organizations to Match-up with Industry Standards
- * Providing External Trainings to qualify all the NQTs of Top MNC's
- * 100% Personal Assistance to get On campus placement
- * Ongoing Technical Club Activities



"YOUR SUCCESS MADE US PROUD"

CONTACT: 6303912518, 6303912517, 9393812267



Kuppam Engineering College, Kuppam - 517425
Campus Placement Branch wise Analysis for the year 2020 - 21

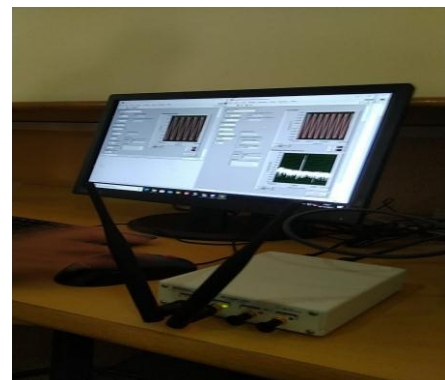
S. No	Company	Package	No of Candidates Offered					Total
			ECE	CSE	EEE	ME	CE	
1	WILEY MTHREE	7.00 LPA	-	1	-	-	-	1
2	COGNIZANT TECHNOLOGY SOLUTIONS (CTS)	4.50 LPA	7	12	1	1	-	21
3	TATA CONSULTANCY SERVICES (TCS)	3.50 LPA	4	11	1	-	-	16
4	WIPRO	3.50 LPA	13	13	-	-	-	26
5	INFOSYS	3.50 LPA	5	7	-	-	1	13
6	TECH MAHENDRA	3.50 LPA	-	2	1	-	-	3
7	MINDTREE	3.60 LPA	-	2	-	-	-	2
8	ACCENTURE	4.50 LPA	-	7	2	-	-	9
9	CAPGEMINI	3.80 LPA	1	-	-	-	-	1
10	MSN CONSTRUCTION S PVT. LTD	2.16 LPA	-	-	-	-	14	14
11	DATA FUSION INTERNATIONAL	4.00 LPA	-	1	-	-	-	1
12	JBM - NEEL METAL PRODUCT PVT. LTD.	1.70 LPA	-	-	10	10	-	20
13	IM GEARS PVT. LTD.	1.60 LPA	-	-	-	20	-	20
14	HYOSEONG ELECTRICAL PVT. LTD.	1.60 LPA	8	-	12	-	-	20
15	QSPIDER	3.00 LPA	11	11	2	1	-	25
16	EDWISOR PRIVATE LIMITED	3.70 LPA	2	-	-	2	-	4
17	PENTAGON SPACE PVT. LTD.	3.00 LPA	8	9	1	2	-	20
18	ARTECH INFO SYSTEMS	3.00 LPA	-	3	-	-	-	3
19	TECHNOLOGICS	2.40 LPA	-	-	-	1	-	1
Total Number of Offers			59	79	30	37	15	220

Ms. DIVYA, ONE OF alumni,. She is working in sunfra software solutions , Bangalore. She is interacted with students for Trends in New technologies in software development and also she trusted to improve on communication skills (22-10-2021)





Dr.S.Nandakishore acted as a Resource Person Project Expo in AP Model School 10-10-2021



Dr. G.N. Kodanda Ramaiah Director, Research & HoD ECE Department and Dr. K. Rasadurai, Associate Professor, ECE Dept., and Mr. Santhosh B Panjagal visited Ramaiah Institute of Technology (Autonomous), Bengaluru on 08.10.2021 and interacted with to Dr. B.K. Sujatha, HoD, Electronics & Telecommunication Engineering, Dr. Sathish Tunga Prof., Dr. M. D. Nandeesh & Dr. Umesharaddy Asso. Prof./ETE, for Demo of NI SDR trainer Kits & Establishment of AICTE – MODROB lab.



Demonstrated and Survey conducted from Navajeevan Blind relief Centre, Tirupati for implementation of New Developed, "Braille teaching toy" in Religion Languages like (Kanata, Tamil, Telugu), funded by MSME New Delhi. (08-10-2021)



Dr. G.N. Kodanda Ramaiah Director, Research & HoD ECE Department and Dr. S.Nanda Kishor, Associate Professor, ECE Dept., interacted with Mr. Ravikumar, Technilab Instruments, Bangalore & Kuppam Electro Solution Pvt. Ltd for Test, development & marketing of "Live wire detector Device". (7-10-2021)



2021/8/6 12:38



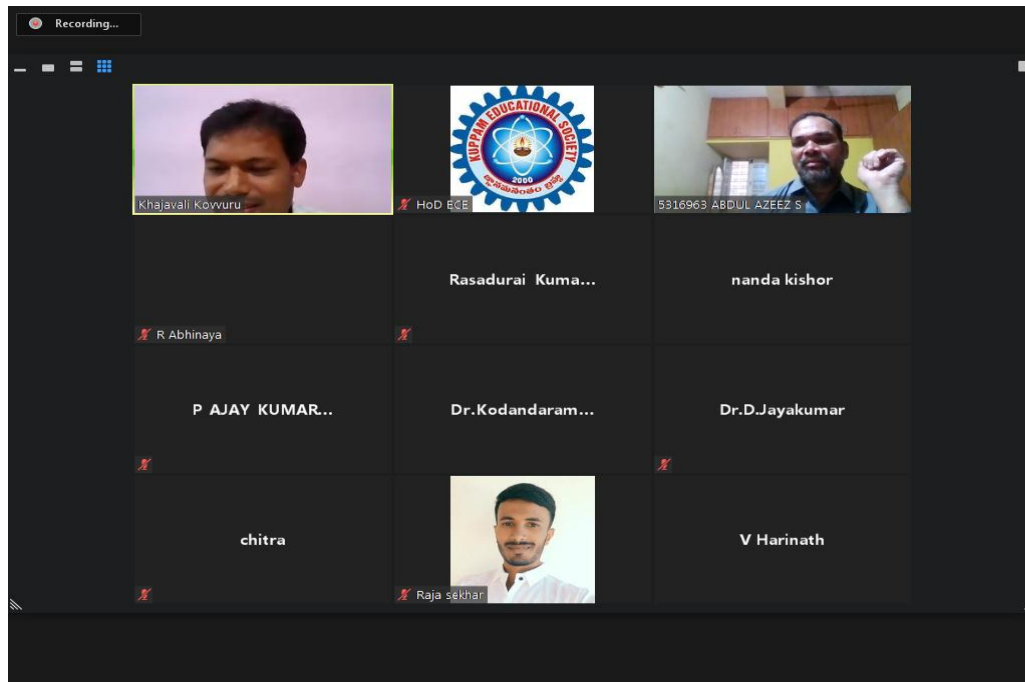
2021/8/6 12:38



2021/8/7 11:06

Dept. of ECE organized Two days' Workshop on "Advance Microwave and Cognitive Radio on hand training", on 07 Aug 2021. Resource Person : Mr. Ravi Kumar & Er. Vinay, Technilabs, Bangalore demonstrated about Spectrum Analyser and Network analyser for Higher Frequency Radio.

Titles AI & BLACK CHAIN BASED PRODUCTS DEVELOPMENT



ABDUL SYED RAHEEM direct iintvel solutions One Week Career Development Program on “Technology & Soft Skill requirement” for Final year student conducted on 25.08.2021 to 30.08.2021.



Dr. K. RASADURAI visited SRM valliammai Engineering College Chennai on 17.08.2021 and interacted with Dr. M Murugan Vice Principal, Dr. Komala James, HoD, Dr. Dr. S. Vanathi, HoD CSE, Dr. Revathi HoD, IT, Dr. S. Ramesh Asso. Prof./ECE regarding to establish AICTE MODROB, FIST, IoT lab and CSIR GST tax exempt schemes

ONLINE WORKSHOP ON "ROBOTICS"

<p>Registration Form</p> <p>Three Days National Level Online Workshop on "ROBOTICS"</p> <p>Date: 31st July – 2nd August 2020 Time: 4:00 PM to 6:00 PM</p> <p>For Registration link: https://www.skilltohire.com/workshop/71</p> <p>Once the registration form is filled, participants will get confirmation mail before 31st July 2020.</p> <p>Whatsapp link: https://chat.whatsapp.com/LQ7PujypcHV9PvgTm7LwtG</p> <p>https://chat.whatsapp.com/EdDQF9tEHscCHcj1EXsIzm</p> <p>Telegram link: https://t.me/joinchat/RF6tBBTAEDc7c7ejb9pw</p> <p>Convener: Dr. K. Rasadurai, M.E. Ph.D., SPOC-NPTEL, Department of ECE KUPPAM ENGINEERING COLLEGE, KUPPAM. Email: krasadurai@gmail.com, Cell 9442316011</p> 	<p>Chief Patrons:</p> <p>Sri B.C. Nagaraj, M.B.A., Chairman, BCN Group of Institutions</p> <p>Dr. N. Sunil Raj, M.B.B.S., Vice Chairman, KEC</p> <p>Sri N. Sagar Raj, M.B.A., CEO, KEC</p> <p>Patrons:</p> <p>Dr. S. Sudhakar Babu, M.E., Ph.D., Principal</p> <p>Dr. G.N. Kodanda Ramaiah, M.Tech, Ph.D Director R&D, HOD,ECE</p> <p>Dr. S. Baskaran, M.E., Ph.D, Vice Principal</p> <p>Convener: Dr. K. Rasadurai, M.E Ph.D Email: krasadurai@gmail.com, Cell: 9442316011</p> <p>Coordinators: Mr. P. AjayKumar Reddy M.Tech (Ph.D) AP/ECE Email: ajaypedamali@gmail.com, Cell: 99513 40210 Mr. T. Sivakumar, M.Tech, AP/ECE Email: tsivakumar990@gmail.com, Cell: 9700554296</p> 	<p> skilltohire</p> <p>Three Days National Level Online Workshop on "ROBOTICS"</p> <p>Date: 31st July – 2nd August 2020 Time: 4:00 PM to 6:00 PM</p> <p> Organised by  Department of Electronics and Communication Engineering Kuppam Engineering College KES Nagar, Kuppam - 517425, Chittoor Dist., Andhra Pradesh www.kec.ac.in</p> <p>In associate with skilltohire</p> 
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	<p>KUPPAM ENGINEERING COLLEGE</p> <p>(Approved by AICTE New Delhi, Affiliated to JNTUA Anantapur, Accredited by NBA, ISO 9001-2008 Certified and Recognized under UGC 2(f) & 12(B))</p> <p>KES Nagar, KUPPAM - 517425, Chittoor District, A.P.</p>	 skilltohire
<p>A THREE DAYS NATIONAL LEVEL ONLINE WORKSHOP ON</p> <p>"ROBOTICS"</p> <p><i>Organized in Collaboration with Skill to hire</i></p> <p><u>Certificate of Participation</u></p>		
<p>This is to certify that Dr./Mr./Ms/Mrs. _____ has participated in the Three Days National level online workshop on "ROBOTICS" During 31st July to 2nd August 2020, organized by Department of Electronics and Communication Engineering, Kuppam Engineering College, Kuppam – 517425, Chittoor Dist., Andhra Pradesh in associate with Skill to hire.</p> <p>_____ Coordinator Dr. K. Rasadurai</p> <p>_____ HoD Dr. G. N. Kodandaramalah</p> <p>_____ Principal Dr. S. Sudhakar Babu</p>		

THREE DAYS NATIONAL LEVEL ONLINE WORKSHOP ON "ROBOTICS" Kuppam Engineering College (KEC), Kuppam, Chittoor Dist, Andhra Pradesh affiliated with JNTUA is organized a Three Days National Level Online Workshop on "ROBOTICS" Date: 31ST July – 2ND August 2020, Time: 4:00 PM to 6:00 PM Total 122 candidates are participated in this Workshop

Online Workshop on “Introduction to Web Development”

Registration Form

Three Days National Level
Online Workshop on
“Introduction to Web
Development”

Date: 17th – 19th July 2020

Time: 6:00 PM to 8:00 PM

For Registration link:

<https://www.skilltohire.com/workshop/79>

Once the registration form is filled, participants will get
confirmation mail before 17th July 2020.

Whatsapp link:

<https://chat.whatsapp.com/C6UTe3Fvua3Dr6E8NzFYU>

<https://chat.whatsapp.com/C1GV47eM7MCLCWinG4vYBp>

Telegram link:

<https://t.me/joinchat/Rf6tBr3G4dLR3BIBrm9MA>

Coordinator:

Dr. K. Rasadurai, M.E., Ph.D.,

SPOC-NETEL, Department of ECE

KUPPAM ENGINEERING COLLEGE, KUPPAM.

Email: krasadurai@gmail.com, Cell 9442316011

Chief Patrons:

Sri B.C. Nagaraj, M.B.A.,
Chairman, BCN Group of Institutions
Dr. N. Sunil Raj, M.B.B.S.,
Vice Chairman, IEC
Sri N. Sagar Raj, M.B.A.,
CEO, KEC

Patrons:

Dr. S. Sudhakar Babu, M.E., Ph.D, Principal
Dr. G.N. Kodanda Ramaiah, M.Tech, Ph.D
Director R&D, HOD.ECE
Dr. S. Sankaran, M.E., Ph.D, Vice Principal

Advisory Committee:

Dr. Ramesh K. M.E., Ph.D HOD, EEE
Mr. Logesh K. M.E., (Ph.D), HOD, CSE
Mr. K. Ganesh, M.Tech., (Ph.D), HOD, ME
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Mr. J. Madhavan, M.Sc., M.Phil., HOD, H&S
Dr. C G Saravana, M.L.I.S., M.Phil., Ph.D, Librarian
Dr. D. Jayakumar, M.E Ph.D, TPO, CDC



skill to hire

Three Days National Level
Online Workshop on
“Introduction to
Web Development”

Date: 17th – 19th July 2020

Time: 6:00 PM to 8:00 PM



Organised by



Kuppam Engineering College
KES Nagar, Kuppam - 517425,
Chittoor Dist., Andhra Pradesh
www.hec.ac.in

In associate with

skill to hire



KUPPAM ENGINEERING COLLEGE

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KES Nagar, KUPPAM - 517425, Chittoor District, A.P.



skill to hire

A THREE DAYS NATIONAL LEVEL ONLINE WORKSHOP ON

“Introduction to Web Development”

Organized in Collaboration with Skill to hire

Certificate of Participation

This is to certify that Dr./Mr./Ms./Mrs. _____ has participated in the *Three Days National level online workshop on “Introduction to Web Development”* During 17th to 19th July 2020, organized by Kuppam Engineering College, Kuppam – 517425 in associate with Skill to hire.

Coordinator

Dr. K. Rasadurai

HoD

Dr. G. N. Kodandaramaiah

Principal

Dr. S. Sudhakar Babu

Kuppam Engineering College, Kuppam, Chittoor Dist, Andhra Pradesh affiliated with JNTUA is organized a Three Days National Level Online Workshop on “Introduction to Web Development” In Association with Skill to Hire during 17th - 19th July 2020. Total 134 Students are participated in this online Workshop.

Dr.S Sudhakar Babu, Principal, and Dr.G.N. Kodanda Ramaiah, NewGen IEDC Coordinator, R&D Director, Distributed "Automatic Sanitizer Dispenser" to all the departments on 29-12-2020, Design and Developed by Students and R&D team.



Dr G.N. Kodanda Ramaiah and team presented MSME project ideas to the expert members from New Delhi on 23-12-20 , the project name Braille toy for multiple applications using artificial intelligence Presentation of idea "Braille-toy" to MSME exports committee members on 23-12-2020



THREE DAYS ONLINE WORKSHOP ON "INTRODUCTION TO IOT and ARDUINO" Kuppam Engineering College is organized A National Level 3-Day Online Workshop on "Introduction to IoT and Arduino" in collaboration with "SKILL TO HIRE".

Date : 10th-12th August 2020

Duration : 3 days, Time : 6:00 PM to 8:00PM

Total 118 Candidates have been successfully completed.

Registration Form

Three Days National Level Online Workshop on "Introduction to IoT & Arduino"

Date: 10th – 12th August 2020
Time: 6:00 PM to 8:00 PM

For Registration link:
<https://www.skilltohire.com/workshop/90>

Once the registration form is filled, participants will get confirmation mail before 10th August 2020.

WhatsApp link:
<https://chat.whatsapp.com/lynMej1j5594gZfZfd65a>
<https://chat.whatsapp.com/Eunamc90WUjLwag5ViqPjp>

Telegram link:
<https://t.me/joinchat/Rf6ltBzK-upZT0uJN'Rumdg>

Convenor:
Dr. K. Rasadurai, M.E. Ph.D.,
SPOC-NPTEL, Department of ECE
KUPPAM ENGINEERING COLLEGE, KUPPAM
Email: krasadurai@gmail.com, Cell: 9442316011

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Vice Chairman, KEC

Sri N. Sagar Raj, M.B.A.,
CEO, KEC

Patrons:

Dr. S. Sudhakar Babu, M.E. Ph.D.,
Principal

Dr. G.N. Kodanda Ramaiah, M.Tech, Ph.D
Director/R&D - HOD/ECE

Dr. S. Baskaran, M.E., Ph.D,
Vice Principal

Convenor:

Dr. K. Rasadurai, M.E. Ph.D
Email: krasadurai@gmail.com, Cell: 9442316011

Coordinators:

Dr. S. Nanda Kishore, M.Tech, Ph.D, Asst.Prof/ECE

Mr. M. Lakshminath, M.E. (Ph.D), Asst.Prof/ECE
lakshminath@gmail.com, Cell: 96664 13937

Mr. V. Harinath, M. Tech, (Ph.D), Asst.Prof/ECE
Email: harinathv@kec.ac.in, Cell: 942838715

Mrs. J. Narmadha, M.Tech, Asst.Prof/ECE
Email: narmadha004@gmail.com, Cell: 80722 66099



skill to hire

Three Days National Level Online Workshop on "Introduction to IoT & Arduino"

Date: 10th – 12th August 2020
Time: 6:00 PM to 8:00 PM

Organised by

Department of Electronics and Communication Engineering
Kuppam Engineering College
KES Nagar, Kuppam - 517425,
Chittoor Dist., Andhra Pradesh
www.kec.ac.in

In associate with



About College

Kuppam Engineering College (KEC) was inaugurated by the technology savvy Hon'ble Chief Minister of Andhra Pradesh Sri. N. Chandrababu Naidu garu on 11.09.2001. The Institute was promoted by a well-known Philanthropist Mr. B. C. Nagaraj, Founder Chairman of BCN Group of Institutions. KEC is recognized by UGC under 2(F) & 12(B).

KEC is graded 'A' by the Government of Andhra Pradesh. KEC building is constructed on a sprawling 55 acres campus of elevated land surrounded by pollution free lush green scenic vegetation on the north fringe. The College is offering 5 UG Programs (Civil, ECE, EEE, CSE, MECH) and six PG Programs (M.Tech: 1. Power Electronics, 2. Embedded Systems, 3. VLSI, 4. Machine Design, 5.CSE, 6. MBA).

The ambience in the Institute is good and encourages the students to take part in co-curricular and extracurricular activities for an overall development of the students. In order to improve the employability of the students graduating, KEC imparts value added skills through APSSDC, SIEMENS, ORACLE Academy, Microsoft, Texas Instruments, CISCO, NewGenIEDC, PMKVY and Auto desk.

About Department

Electronics & Communication Engineering (ECE) Department was started in the year 2001 with the intake of 60 gradually it has been increased to 120 in the year 2002. Now it offers diploma program, undergraduate program, two postgraduate programs (M.Tech in VLSI Design & M. Tech in Embedded Systems) and Ph.D. program with affiliation to JNTUA and accredited by NBA.

The department has well experienced and dedicated faculty and staff of proven ability and diverse specialization. The faculties are actively involved in research in the areas of Image & Signal Processing, Antennas, VLSI, Wireless Communication and Internet of Things etc. The department is continuously conducting professional activities such as Workshops, Conferences, Faculty Development Programs (FDPs), Project Expo and conducting the brain storming sessions on entrepreneurship for the students to become the technology based entrepreneurs.

Department has bagged the DST funded projects titled "New Gen IEDC". Sanctioned Amount - Rs.287,00,000/- Started 2017 onwards and also received a grant of Rs 2,50,000 from UGC SERO, Rs. 1,00,000/- From IEL, DST-STRATUP Smart Bin, and received Rs.1,00,000/- from DST NIMAT; AICTE- MODROBS for AY 2019-2020.

About Workshop

1. Classes by industry professionals
2. Access to the Recording and material
3. Life Time access to E-learning-portal
4. Q&A sessions
5. Hands on Sessions
6. Daily Assignments
7. Certification of completion upon completing assessments.

Organising Committee:

1. Dr. D. Jayakumar, M.Tech, Ph.D, Asst.Prof/ECE
2. Dr. K. Mahalakshmi M.E., Ph.D, Asst.Prof/ECE
3. Mr. V. Harinath, M. Tech, (Ph.D), Asst.Prof/ECE
4. Mr. D. Sivakumar, M.E. (Ph.D), Asst.Prof/ECE
5. Mr. Senthil B Panjagari, M.Tech, (Ph.D), Asst.Prof/ECE
6. Mr. P. Ajay Kumar Reddy M.Tech (Ph.D), Asst.Prof/ECE
7. Mr. B.K. Subramanyam M.Tech, Asst.Prof/ECE
8. Mr. M. Ranjith Kumar, M.Tech, Asst.Prof/ECE
9. Mr. T. Siva Kumar, M.Tech, Asst.Prof/ECE
10. Mr. N.Rama Kumar, M.Tech, Asst.Prof/ECE
11. Mr. M.N. Vinay, M.Tech, Asst.Prof/ECE
12. Mrs. J. Narmadha, M.Tech, Asst.Prof/ECE
13. Mr. Thummala Jayashanka, M.Tech, Asst.Prof/ECE
14. Ms. M. Sumalatha, M.Tech, Asst.Prof/ECE
15. Mrs. Seetha Vani V. M.Tech, Asst.Prof/ECE
16. Ms. Pavithra H.V. M.Tech, Asst.Prof/ECE
17. Mr. Vivek M.Tech, Asst.Prof/ECE





KUPPAM ENGINEERING COLLEGE

(Approved by AICTE New Delhi, Affiliated to JNTUA Anantapur, Accredited by NBA, ISO 9001:2008 Certified and Recognized under UGC 2(f) & 12(B))

KES Nagar, KUPPAM - 517425, Chittoor District, A.P.



Three Days National Level Online Workshop on "Introduction to IoT & Arduino"

Organized in Collaboration with Skill to hire

Certificate of Participation

This is to certify that Dr./Mr./Ms./Mrs. _____ has participated in the Three Days National level online workshop on "Introduction to IoT & Arduino" During 10th – 12th August 2020, organized by Department of Electronics and Communication Engineering, Kuppam Engineering College, Kuppam – 517425, Chittoor Dist., Andhra Pradesh in associate with Skill to hire.

Coordinator
Dr. K. Rasadurai

HoD
Dr. G. N. Kodandaramaiah

Principal
Dr. S. Sudhakar Babu













COLLEGE IDEATHON 2021

DATE: 26 - 02 - 2021



KUPPAM ENGINEERING COLLEGE

KES Nagar, Kuppam, Chittoor(Dist), A.P-517425

Supported By

NewGen IEDC, IIC MHRD

A College Level



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)

IDEATHON-2K21

Explore the Power of Idea



EVENT DATE:

FEBRUARY 26, 2021

Awards!

1st Prize: Rs.5000
2nd Prize: Rs.3000
3rd Prize: Rs.2000
4th PRIZE: Rs. 1000



Chief Patrons

Sri.B.C.Nagaraj, M.B.A
Founder & Chairman,
B.C.N Group of Institutions, Kuppam.

Dr.N.Sunil Raj, M.B.B.S
Vice Chairman,
Kuppam Engineering College, Kuppam.

Sri. N.Sagar Raj, B.Tech,M.B.A
Chief Executive Officer,
B.C.N Group of Institutions, Kuppam.

Patrons

Dr. S.Sudhakar Babu,M.E,Ph.D
Principal,
Kuppam Engineering College,
Kuppam.

Dr. S.Bhaskaran M.Tech,Ph.D
Vice-Principal,
Kuppam Engineering College, Kuppam

Convener

Dr. G.N.Kodanda Ramaiah,M.Tech,Ph.D
Chief Coordinator,
NewGen IEDC, KEC-Kuppam

SELECTION PROCESS:

First Round: Screening Process

Register & Submit the Paper@Below Link
<https://forms.gle/X5HPgiv6sUoyMXhp7>

Second Round: Presentation

Presentation Contents:

- > Origin/Need Of the IDEA
- > Specific Problems/Gaps Identified
- > Proposed Innovation(Uniqueness)
- > Similar Products/Services in the Market
- > Target Audience/Customers
- > Market Size & Growth Potential

Event Co-ordinators:

ECE Department:

Mr.Santhosh B Panjagal, M.Tech, (Ph.D)
Mr.M Lakshmiathy, M.Tech, (Ph.D)
Mr.P Ajay Kumar Reddy, M.Tech, (Ph.D)
Dr.K Rasadurai, M.E, Ph.D
Mr.T Jayasimha, M.Tech
Mr.M N Vinay, M.Tech

EEE Department:

Mr. S Zabiulla, M.Tech

Mechanical Department:

Mr.S N Nagaraj, M.Tech

CSE Department:

Dr.D Sumathi, Ph.D

Important Dates:

Last Date for Paper submission:

18-02-2021, 6 PM

First Round Results:

22-02-2021, by 6 PM

Paper Presentation Date:

26-02-2021, 10 AM

***Result Announcement & Prize
Distribution on the same Day of
the Event.**



EVENT VENUE:
Seminar Hall, NewGen IEDC
Kuppam Engineering College, Kuppam



Project director and team from APSSDC skill development center visited our campus on 24-2-21, they interacted with our students on different skill development scheme's available in A.P state and central government



One week workshop on basic electronic and home appliances organised by APSSDC SUPPORT BY Siemen lab 8th Feb to 13 Feb 2021 One week workshop on basic electronic and home appliances organised by APSSDC SUPPORT BY Siemens lab



NATIONAL ONLINE WOMEN ENTREPRENEURSHIP DEVELOPMENT PROGRAMME sponsored by DST, GOI.

Duration : 4 weeks (10th Feb 2021 to 08th Mar 2021)

LINK FOR REGISTRATION : <https://forms.gle/TJVvgq5XxiWzBDj7>

Organised by
Department of Electronics and Communication
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KUPPAM ENGINEERING COLLEGE
Approved by AICTE, New Delhi, Affiliated to JNTU, Anantapur
Accredited by NBA, & Certified by ISO 9001:2005
Recognition of UGC under 2(B) & 12(B)

ONLINE WOMEN ENTREPRENEURSHIP DEVELOPMENT PROGRAMME (WEDP)
(SPONSORED BY DEPARTMENT OF SCIENCE & TECHNOLOGY, GOVT OF INDIA)

Eligibility:
• Bachelor Degree/Diploma in Science/Engineering/Technology
• Age should be between 21-35 years
• Women only
• Duration : 4 Weeks (10/02/2021 To 08/03/2020)
• Last date to Register 08/02/2020

Google Form Link:
<https://forms.gle/TJVvgq5XxiWzBDj7>

Principal Investigator: Dr. G.N. Kodanda Ramaiah, Director R & D
DST Observer: Mr. Rama Iyer, Chief Innovation Officer, T-Hub

Chief Patrons:
Sri B.C. Nagaraj, MBA, Founder & Chairman, BCN Group of Institutions
Sri Dr. N. Sunil Raj, M.B.B.S, Vice Chairman, Kuppam Engineering College
Sri N. Sagar Raj, MBA, Chief Executive Officer, Kuppam Engineering College

Patrons:
Dr. S. Sudhakar Babu, M.E., Ph.D, Principal, Kuppam Engineering College.
Dr. S. Bhaskaran, M.Tech, Ph.D, Vice Principal, Kuppam Engineering College.

Convenor:
Dr. G.N. Kodanda Ramaiah, M.Tech, Ph.D, Director R&D, Kuppam Engineering College.

Contact Persons:
Ms. P. AJAY KUMAR REDDY - 9851060510
DR. S. MANOJA KESARANI - 7951822094
MS. M. LAKSHMI DEVI - 9804112607
MR. SANTOSH P. PANJAGAL - 9808131594

KUPPAM ENGINEERING COLLEGE, KUPPAM - 517425
Department of Electronics and Communication Engineering
Website: www.kec.ac.in Email: kec@kec.ac.in

DST sponsored Women Entrepreneurship Development Programme (WEDP) schedule :

Day	Session 1 (11:30AM to 12:30 PM)	Session 2 (12:30PM to 1:30 PM)
Day 1	Session 1 (11:30AM to 12:30 PM) Inauguration Programme Objectives: Expectations from trainees, Final Goal, Programme's Strategy etc.	Session 2 (12:30PM to 1:30 PM) Who is an Entrepreneur & Charms of being an Entrepreneur:
Day 2	Schemes of Assistance for MSMEs: NSIC, SIDBI, DIC and Other Support Agencies	Business Opportunity Identification:
Day 3	Criteria of selection & Sources of Information	How to identify Business Opportunities
Day 4	How to conduct Market Survey: Tools, Techniques and Guidelines	Preparing Pre-feasibility Report: Preliminary Project Report (PPR)
Day 5	How to assess pre-feasibility of a Project	Online Experience Sharing with Entrepreneurs
Day 6	Soft Skill Development: Business Communication	Soft Skill Development: Information Seeking
Day 7	Conducting Market Survey and online Data Collection for the identified business opportunities	Feedback and Discussion on Market Survey
Day 8	Evaluating the PPRs prepared by the Trainees	Linking Business Opportunities with trainees
Day 9	Online Interactions with Technical Experts for finalising project	Developing Entrepreneurial Competencies (Achievement Motivation Training)
Day 10	Business Plan: Need, Importance, Content & Format	Production Planning in MSME
Day 11	How to manage Working Capital for MSME	How to assess Working Capital Requirement for MSME
Day 12	Break Even Point	Product Costing and Cost Consciousness
Day 13	Product Planning & Product Mix Strategy	Cash flow, Profitability & Balance Sheet
Day 14	Marketing Management: Product Promotion, Sales and Advertisement	Preparation of Detailed Business Plan
Day 15	Financial Management	IPR, Patents, Copy Rights, Trade Mark etc., Legal Formalities in an Enterprise: (Factory Act, PF, Labour Laws etc.)
Day 16	Legal formalities for Loan Disbursement, Taxation: Various Taxes Applicable to MSME	Feedback from Participants, Validator
Day 17	Interfacing with financial institutions for Business Plan Approval	

Registration Form

Four Week Online "Women Entrepreneurship Development Programme (WEDP)"

Sponsored by
Department Science & Technology, GOI

Date: 10th Feb 2021 - 08th Mar 2021
Time: 11:00 AM to 01:00 PM

For Registration link:
<https://forms.gle/TJVvgq5XxiWzBDj7>

Once the registration form is filled, participants will get confirmation mail before 08th Feb 2021.

WhatsApp link:
<https://chat.whatsapp.com/J9BeVcOPU9FEa05sLOkky>

Coordinators:
Ms. P. AJAY KUMAR REDDY - 9851060510
Dr. S. MANOJA KESARANI - 7951822094
Ms. M. LAKSHMI DEVI - 9804112607
MR. SANTOSH P. PANJAGAL - 9808131594

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Dr. N. Sunil Raj, M.B.B.S., Vice Chairman, IZC
Sri N. Sagar Raj, M.B.A., CEO, IZC

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Dr. S. Sudhakar Babu, M.E., Ph.D, Principal
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Dr. S. Bhaskaran, M.E., Ph.D, Vice Principal

DST Observer:
Mr. Rama Iyer, Chief Innovation Officer, T-Hub

Advisory Committee:
Mr. Sankar V. M.E., Ph.D, IZC, IZC
Dr. Lakshmi K. M.E., Ph.D, IZC, IZC
Mr. K. Ganesh, M.Tech, Ph.D, IZC, IZC
Mr. L. Ravi Kumar, M.Tech, Ph.D, IZC, IZC
Dr. N. Manojendra, M.B.A., Ph.D, IZC, IZC
Mr. J. Madhava, M.Sc., M.Phil., IZC, IZC

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Date: 10th Feb 2021 - 08th Mar 2021
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Organised by
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Principal Investigator:
Dr. G.N. Kodanda Ramaiah,
Director Research & IZC, IZC
KUPPAM ENGINEERING COLLEGE, KUPPAM.
Email: kec@kec.ac.in

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About Workshop

The main objectives of the WEDP:

1. To empower women by inculcating the spirit of innovation and entrepreneurship skills among them and encourage for start-ups through incubation.
2. Try to identify local problems (Social problems) and providing solutions to them by becoming local entrepreneurs.
3. Try to avoid women entrepreneurs moving to metropolitan cities and help to contribute urbanization in Tier 2 cities like Kuppam.
4. To motivate women entrepreneurs in the following sectors:
 - a. Education sector
 - b. Artificial intelligence
 - c. Machine learning
 - d. Agriculture (Value added services)

Organizing Committee:

1. Dr. K. Ramesh, M.E., Ph.D, IZC, IZC
2. Dr. D. Jaya Kumar, M.Tech, Ph.D, IZC, IZC
3. Dr. D. Siva Kumar, M.E., Ph.D, IZC, IZC
4. Mr. B.K. Subramanyam, M.Tech, IZC, IZC
5. Mr. M. Raghav Kumar, M.Tech, IZC, IZC
6. Mr. T. Siva Kumar, M.Tech, IZC, IZC
7. Mr. N. Rama Kumar, M.Tech, IZC, IZC
8. Mr. M.N. Vinay, M.Tech, IZC, IZC
9. Mr. J. Narasimha, M.E., IZC, IZC
10. Mr. Thummalala Jayasimha, M.Tech, IZC, IZC
11. Mr. M. Sumalatha, M.Tech, IZC, IZC
12. Mrs. Sathya Vani V, M.Tech, IZC, IZC
13. Mr. Parthasarathy H.V., M.Tech, IZC, IZC
14. Mr. Vinod M.Tech, IZC, IZC
15. Mr. G. Madhava, M.Tech, IZC, IZC

Congratulations to the mentors, faculty and students of ECE department from Kuppam Engineering College Kuppam on motivating young engineer's for identify local problems and provide solutions to them 5-02-2021

ఈనాడు జిల్లా వార్తలు

స్టార్ట్.. స్క్వార్ట్..

సాంకేతిక సౌరభులు సమాజానికి వారధులుగా మారుతున్నారు. తమ ఆలోచనలను అవగాహనలో పెట్టి కొత్త ప్రయోగాలకు శ్రీకారం చుడుతున్నారు. ప్రస్తుత అవసరాలకు అనుగుణంగా సాతన ఆవిష్కరణలు చేపట్టి.. సమాజానికి అందిస్తున్నారు. ప్రజా సమస్యలకు పరిష్కారం చూపుతున్నారు. అదర్థంగా నిలిచిన వారే.. కుప్పం ఇంజనీరింగ్ కళాశాలలో ఎలక్ట్రానిక్స్ అండ్ కమ్యూనికేషన్ విభాగంలో వివరి సంవత్సరం చదువుతున్న విద్యార్థులు. పలు రకాల ప్రయోగాలు తయారు చేసి ఇటీవల ప్రదర్శించి మన్ననలు పొందారు.

- న్యూస్టుడే, కుప్పం పట్టణం



పండ్ల గ్రేడింగ్ సులభం

పండ్లు కోసిన తరువాత మార్కెట్లో తరలిస్తే సమయంలో వాటి పరిస్థితి, పరిమాణం, రంగును బట్టి వేర్వేరు బాళ్ళలో రైతులు వేస్తుంటారు. దీనికి చాలా సమయం వెచ్చించి మార్కెట్లో తరలించాల్సి వస్తోంది. సమయం ఆదా చేసేందుకు ప్రభుత్వ మెయ్యారిటీ ఇంజనీరింగ్ కళాశాలలో విద్యార్థులు స్వల్ప చైతన్య తయారు చేశారు. చెట్టు నుంచి పండ్లను కోసి ఇండులో వేస్తే పండు పరిస్థితి, పరిమాణం, రంగును బట్టి వాటిని వేరు చేస్తుందని విద్యార్థులు వివరించారు. సాధారణంగా పండ్లను గ్రేడింగ్ చేయాలంటే ఎంతో అనుభవం ఉంటే తప్ప వీలుకాదు. అలా చేయలేక రైతులు నష్టాలను చవిచూడాల్సి వస్తోందని తెలిపారు. ప్రయోగం ద్వారా పండ్లను ఇమేజ్ తీసి వాటిని అవసరమైన మేరకు గ్రేడింగ్ చేస్తుందని వివరించారు.

ప్రజా సమస్యలకు పరిష్కారం ❖ ఆకట్టుకున్న విద్యార్థుల ఆవిష్కరణలు



జుల్లింగ్ సమస్యకు చెక్

సూపర్ మార్కెట్లలో ఉన్న అతి పెద్ద సమస్య జుల్లింగ్. దుకాణాల్లో తీసుకున్న వస్తువులకు జుల్లింగ్ వేయించుకునేందుకు క్యూలో వేచి ఉండాల్సి వస్తోంది. సమస్యకు పరిష్కారం చూపుతూ విద్యార్థులు **తేజశ్వినీ, జానేశ్వరి** ఈ-కార్డ్ ఆటోమేటిక్ జుల్లింగ్ సిస్టమ్ను తయారు చేశారు. పరికరంపై మనకు కావాల్సిన వస్తువులు ఉందితే బిల్లు జనరేట్ చేస్తుంది. క్యూలో ఉండకుండా బిల్లు కొంటర్లో చెల్లించి.. త్వరగా వచ్చేయవచ్చని విద్యార్థులు వివరించారు.




చెత్త రీసైకిలింగ్

ప్రస్తుతం ప్రపంచాన్ని ఇబ్బంది పెడుతున్న అతిముఖ్యమైన సమస్య చెత్త. దీనిని రీసైకిలింగ్ చేసేందుకు దాదాపు అన్ని దేశాలు ప్రయత్నిస్తున్నాయి. వీటిల్లో సేకరించిన చెత్తను వేరు చేసేందుకు ఎన్నో విధానాలు అమలు చేస్తున్నాయి. ప్రజలు చెత్త వేసేటప్పుడే తడి, పొడి చెత్తను వేరు చేయాలని చెప్పినా ఆశించిన ఫలితాలు ఉండటం లేదు. సమస్య పరిష్కారానికి ఇంజనీరింగ్ విద్యార్థులు **చందన త్రిపుర, విష్ణుతల్లన్** స్పార్ట్ వేస్ట్ సెగ్రెగేషన్ సిస్టమ్ను తయారు చేశారు. ప్రయోగం ద్వారా చెత్త రీసైకిలింగ్ అయ్యే వాటిని వేరు చేస్తుందని వివరించారు.

కాలుష్యాన్ని తెలుసుకోవచ్చు

ప్రస్తుత సమాజంలో వాహనాల వినియోగం అధికమై వాయు, శబ్ద కాలుష్యం ఎక్కువైంది. కాలుష్య ప్రాంతాలకు దూరంగా ఉండేందుకు ప్రజలకు ఉపయోగపడేలా ఈ ఎయిర్ అండ్ సౌండ్ పోల్యూషన్ మానిటరింగ్ సిస్టమ్ను విద్యార్థి పిఠ తయారు చేసింది. కాలుష్యానికి దూరంగా ఉండాలని బావించి పెద్ద నగరాల్లో నివసించే ప్రజలు స్వచ్ఛమైన వాతావరణం కోసం ఆశ్రితమవుతారు. ఏ ప్రాంతంలో ఎంత



వాయు, ధ్వని కాలుష్యం ఉందో తెలుసుకునేందుకు ఈ పరికరాన్ని తయారు చేసినట్లు విద్యార్థిని వివరించింది.

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