



MEI POLYTECHNIC

Rajajinagar, Bangalore-10 (Govt.Aided Institution)

Monthly e-News letter

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Page no	Contents
2-8	Inguration of IOT and skill development centre
9-11	Skill development programme of tiles laying techniques
12-13	Charge Taken by Vice Principals
13-14	Charge taken by Head of the department, EI and C and Mechanical
	Promotions of Staff Members
14-16	Civil Models Room established in civil Department
17-20	ISTE Students seminar (Civil)
21-24	ISTE Students seminar (EI&C)
25-28	ISTE Students seminar (Electronics)
28-31	ISTE Students seminar (Electrical)
32-35	ISTE Students seminar (Mechanical)
36-39	ISTE Students seminar (ComputerSc)
40-41	Fare well Function
42-43	Guest Lecture (Electronics Dept)
44	International Womens' day
45-48	Guest Lecture (Civil Department)
49-50	National Science Day celebrations
51-53	World Water Day Celebrations
54-57	Personality Development Programme
58-59	Skill Development Programme (CIVIL)
60-64	National Seminar competition
65	Participation in International conference

INAGURATION OF IOT LAB & SKILL DEVELOPMENT CENTRE



ಎನ್.ಜಿ. ಅಯ್ಯಂಗಾರ್ ಸ್ಮಾರಕ



ಐ.ಓ.ಐ. ಅವಿಷ್ಕಾರ ಮತ್ತು ಕೌಶಲ್ಯ ಅಭಿವೃದ್ಧಿ ಕೇಂದ್ರ

N.G. AYYANGAR MEMORIAL IOT INNOVATION & SKILL DEVELOPMENT CENTRE

Date : 30-03-2021

Sponsored by : The Mysore Electrical Industries Ltd.

N.G.Ayyangar memorial IOT Innovation and Skill Development centre was inaugurated on 30-03-2021. The function was Presided by Sri.K.Siddaraju.Managing Director, Mysore Electric Industries Ltd, Bangalore, Dr.B.N.Garudachar, Ex Vice President,MTES and Sri.M.T.Narasimhan President,MTES. Sri.Srivas.R.M Member Governing Council welcomed the Guests and the gathering. Sri.T.Narayanaswamy, Hon.Secretary MTES informed about the growth of the institution.Sri.R.Nagendraprasad Vice principal (Administration) introduced chief guest, Sri Raghuraman, Vice principal (Academic)briefed about the IOT Lab, Sri.K.Siddaraju and Dr.B.N.Garudachar addressed the gathering and distributed IOT Training certificates. Sri.M.T.Narasimhan President,MTES delivered presidential address. Sri.Y.M.Ravindranath Selection Grade Lecturer, Department of Electronics and communication delivered vote of thanks.













SKILL DEVELOPMENT PROGRAMME ON TILES LAYING TECHNIQUES

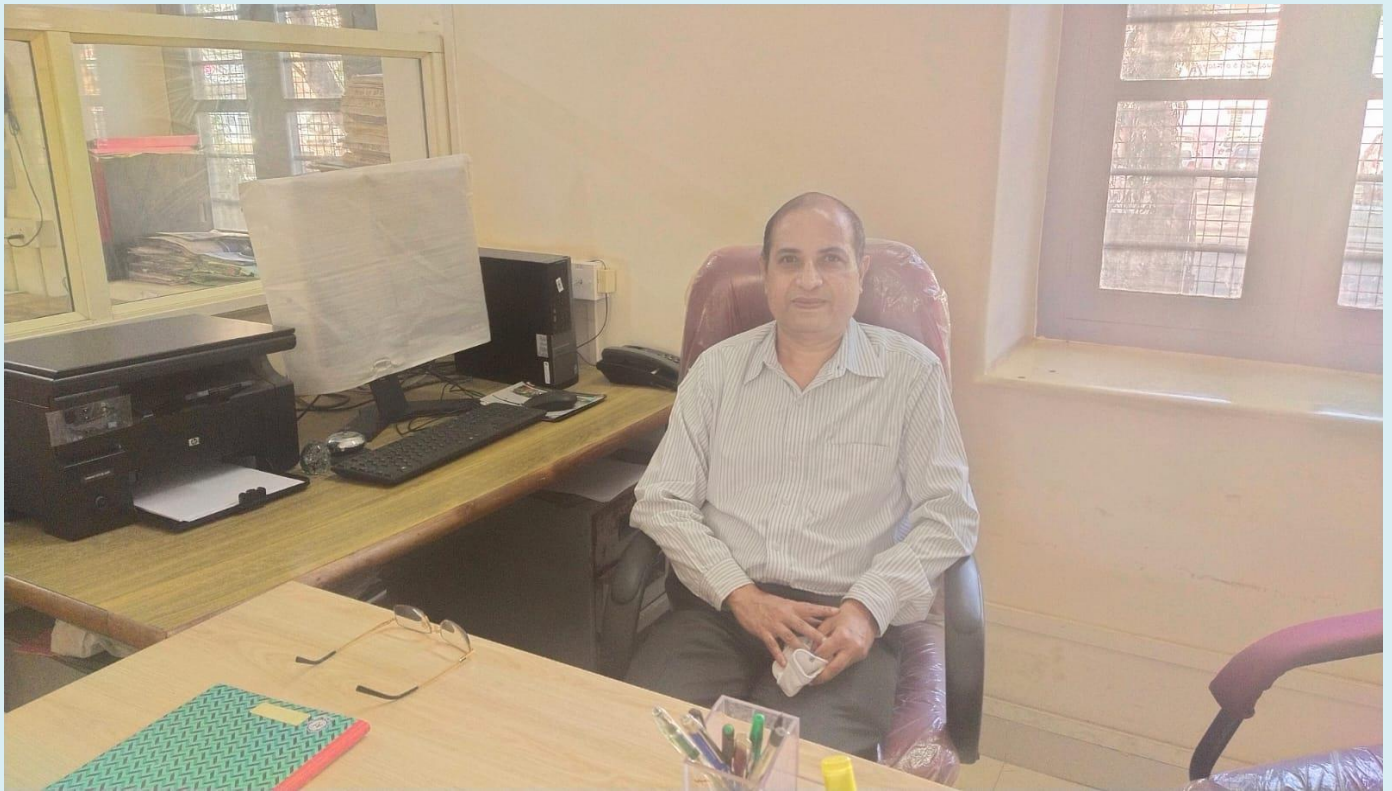
Department of Civil Engineering in association with Arpitha Exports and Rotary Bangalore Orchards conducted one day Skill Development programme of Tiles Laying Techniques on 28th March 2021, The programme was sponsored by Sri.H.RaviKumar, M/S Arpitha Exports.



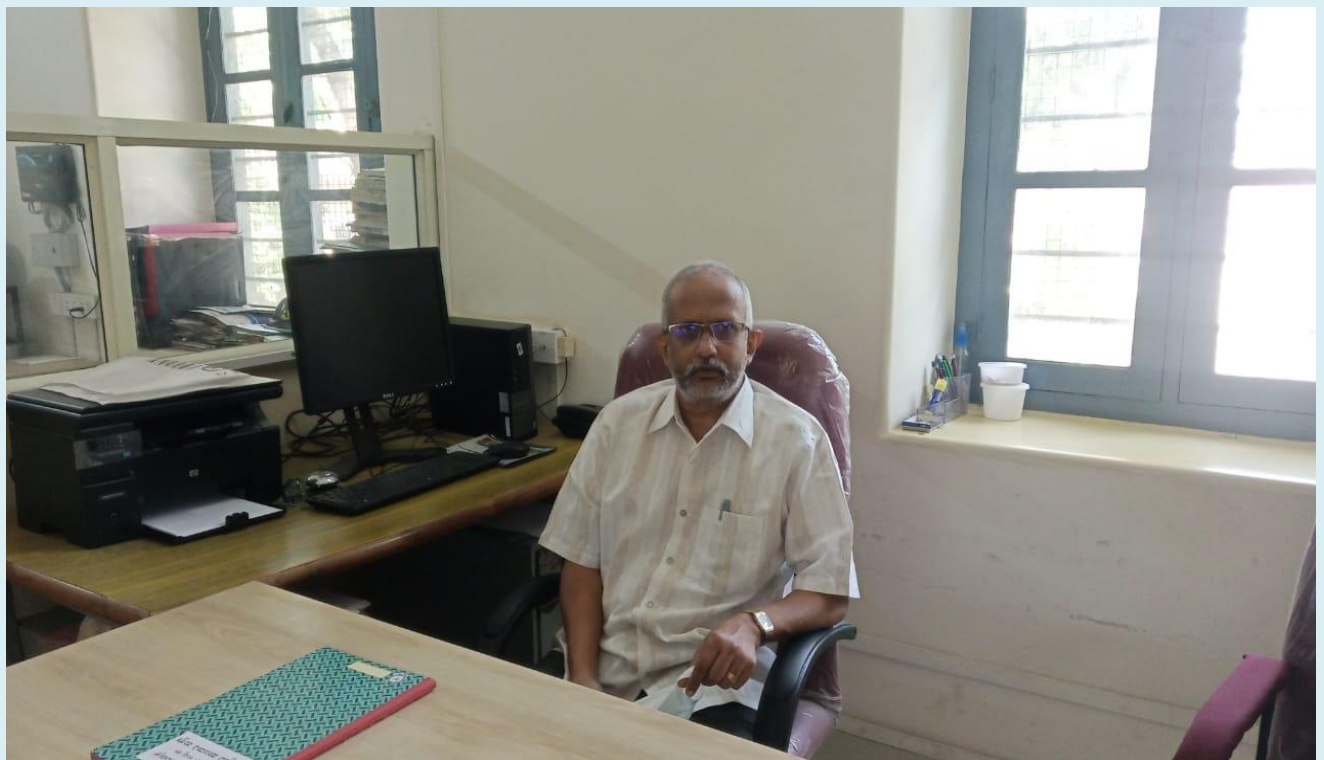




Sri.K.S.Raghuraman,Head of Electronic Instrumentation and Control Engg.taken charge as Vice Principal (Academic) with effect from 01-03-2021



Sri.R.Nagendraprasad, Head of Mechanical Engineering Department taken charge as Vice principal(Administration) with effect from 01-03-2021



Sri.N.Venkatesh Selection Grade Lecturer,taken charge as Head of Electronic Instrumentation Department with effect from 01-03-2021



Dr.B.A.Srinivas Selection Grade Lecturer, taken charge as Head of the Mechanical engineering Department with effect from 01-03-2021



CIVIL MODELS ROOM ESTABLISHED IN CIVIL ENGINEERING DEPARTMENT







ISTE STUDENTS SEMINAR COMPETITION 2021

1.CIVIL DEPARTMENT

Conducted on 12-02-2021

Sln	Name of the Topic	Names of students presenting seminar	Class
01	Remote sensing	Varun.P.K and Sohan	V Civil
02	Hyper loop	Prithviraj.V	V Civil
03	3D Printing	Janardhan	V Civil
04	Suspension Railway	Varun.M	V Civil
05	Bamboo-Replacement of Steel	Aditya.M	V Civil
06	Recent Trends in Irrigation Engineering	Srishanth.S	V Civil
07	Hydroponics	Manjunath.S	V Civil
08	Precast Technology	Poojashree.M.B and Rekha.V	V Civil
09	Automated Irrigation System	Monisha.K.R and Varshitha.H	V Civil
10	Advanced Technology used in Civil Engg	Gagan.S	V Civil
11	Modern Building Construction Materials	Dinakar and Gopikumar	V Civil
12	Cloud Seeding	Abhilash.V& Mohammed Afroz	V Civil
13	Structural Relocating	Dhanush and Dharshan	V Civil
14	Roof Top Parking	Guru.P	V Civil
15	Artificial Intelligence	Bhumika.B.S and Kavya.C	V Civil
16	Skyscraper	Srilatha	V Civil
17	Solar Paneled Roads	Lohith and Manikanta	V Civil
18	Drone Surveying	Kasim.K	V Civil

LIST OF PRIZE WINNERS IN SEMINAR COMPETITION

PRIZE	Name of the Topic	Names of students presenting seminar	Class
I Prize	Bamboo-Replacement of Steel	Aditya.M	V Civil
II Prize	Hydroponics	Manjunath.S	V Civil
III Prize	Cloud seeding	Abhilash and Mohammed Afroz	V Civil







ISTE STUDENTS SEMINAR COMPETITION 2021

1.ELECTRONIC INSTRUMENTATION AND CONTROL

Date: 17-02-2021







Department of Electronic Instrumentation and Control

Sno	Name of the Topic	Names of students presenting seminar	Class
01	Internet of Things (IOT)	Kushal and Ananth	V EI&C
02	E-Vehicles	Shashir and Rakesh	V EI&C
03	Extended Reality	Chethan and Madhan	V EI&C
04	Bio-Chip Technology	Varuna and Shrinidhi	V EI&C
05	OLED	Harshith and Indira	V EI&C

PRIZE	Name of the Topic	Names of students presenting seminar	Class
I Prize	Extended Reality	Chethan and Madhan	V EI&C
II Prize	Bio-Chip Technology	Varuna and Shrinidhi	V EI&C
III Prize	E-Vehicles	Shashir and Rakesh	V EI&C

ISTE STUDENTS SEMINAR COMPETITION 2021

1.ELECTRONICS AND COMMUNICATION

Date: 18-02-2021









Department of Electronics and Communication

Date: 18-02-2021

Slno	Name of the Topic	Names of students presenting seminar	Class
01	Vehicle to Vehicle Communication	Rozolia	V E&C
02	Silent Sound Technology	Rosilin	V E&C
03	Augmented Reality	Manjunath.S/ Hitesh Kumar	V E&C
04	Facing Job Interview	Uday.D / Dhanalakshmi.M	V E&C
05	Accident Prevention, Avoidance, Detection and Information System	Shreyas Gowda.S.K and Mohan.S	V E&C
06	Foot step Power Generation	Pooja.A	V E&C
07	Agriculture White Board using IOT	Lavanya.D.L	V E&C
08	RADAR	Bhuvan.A.Kamath and Rohith.Y.S	V E&C
09	Infrared Plastic Solar Cell	Vaishnavi.V	V E&C
10	Mobile Communication	Pavitra.J	V E&C
11	ATM Security using EYE & Facial recognition system	Aiswhwara.S.V	V E&C
12	Artificial Intelligence	Keerthana.Y.P	V E&C
13	Smart Sensors	Sushmitha	V E&C
14	Pen PC	Divyashree.H.P	V E&C
15	Smart City	Shivakumar.K.G	V E&C
16	Thinking of the Box	Preethi.N	V E&C
17	Paper Battery	Gagan.P	V E&C

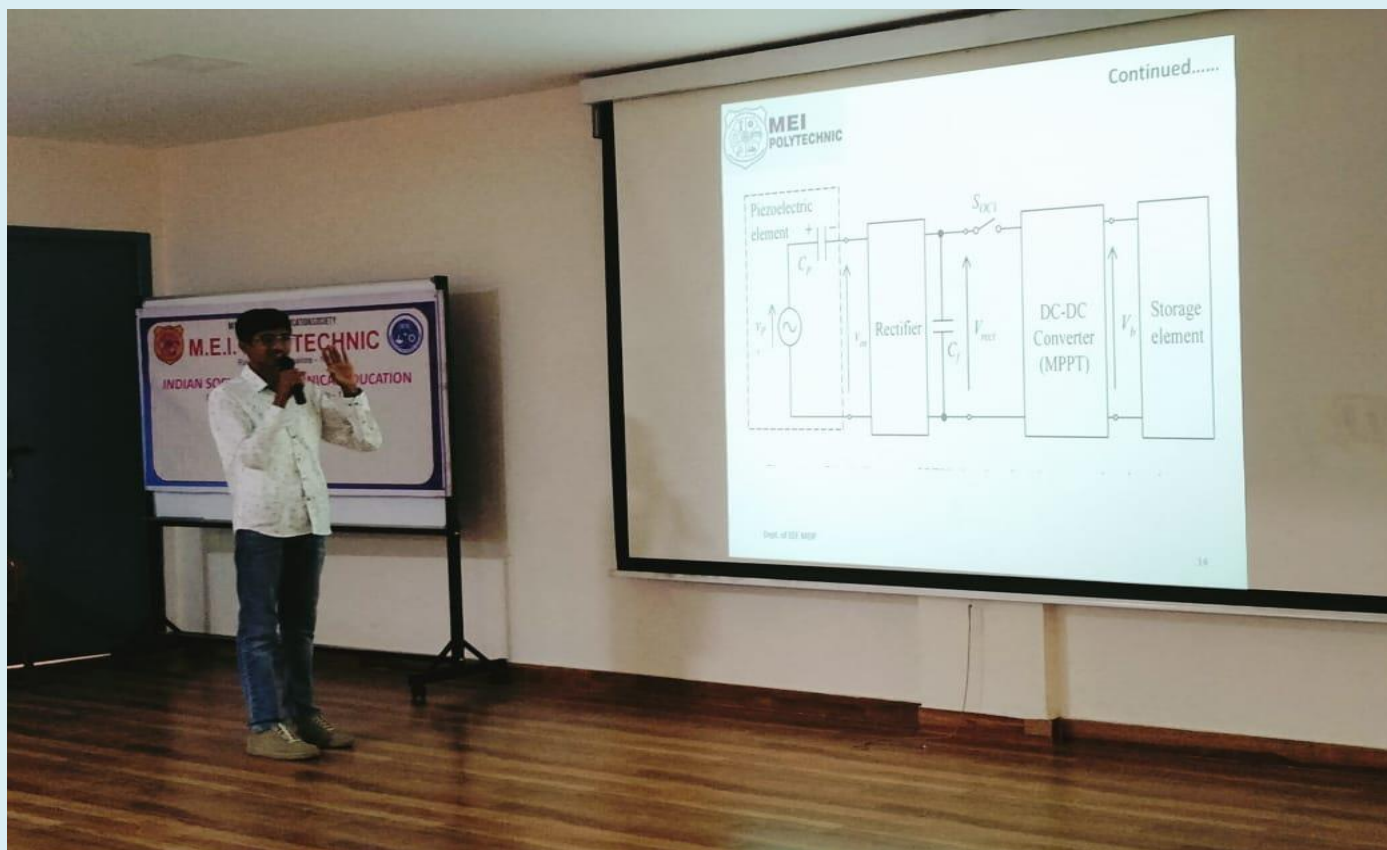
PRIZE	Name of the Topic	Names of students presenting seminar	Class
I Prize	Vehicle to Vehicle Communication	Rozolia	V E&C
II Prize	IOT in Agriculture	Lavanya.D.L	V E&C
III Prize	RADAR	Bhuvan.A.Kamath and Rohith.Y.S	V E&C

ISTE STUDENTS SEMINAR COMPETITION 2021

ELECTRICAL AND ELECTRONICS

Date: 20-02-2021







Department of Electrical Engineering Date: 20-02-2021

Sln0	Name of the Topic	Names of students presenting seminar	Class
01	Artificial Intelligence	Ananya.M	V E&E
02	Lithium Batteries	Sunil Kumar	V E&E
03	Paper Batteries	Prajwal.V.M	V E&E
04	Power Generation through Foot steps	Pooja.N	V E&E
05	Numerical Relay	Ramyashree	V E&E
06	Internet of Things (IOT)	Prajwal.S	V E&E
07	Power Theft Detection	Prahlad Kumar	V E&E
08	Power Factor and Significance	Sachin	V E&E
09	Wireless Electricity	Lokesh.G	V E&E
10	Adaptive Piezo Electric Harvesting	Shashank.D	III Sem

Sln0	Name of the Topic	Names of students presenting seminar	Class
I PRIZE	Artificial Intelligence	Ananya.M	V E&E
II PRIZE	Internet of Things (IOT)	Prajwal.S	V E&E
III PRIZE	Adaptive Piezo Electric Harvesting	Shashank.D	III Sem

ISTE STUDENTS SEMINAR COMPETITION 2021

MECHANICAL ENGINEERING

Date:19-02-2021



SPECIFICATION

- ◇ LENGTH = 51.4 Feet (15.7 meter)
- ◇ HEIGHT = 14.4 Feet (4.4 meter)
- ◇ WING SPAN = 35 Feet (11 meter)
- ◇ WING AREA = 460 sq Feet(43 meter sq)
- ◇ EMPTY WEIGHT = 39000 lb (13290 kg)
- ◇ GROSS WEIGHT = 49540 lb (22471 kg)
- ◇ MAX TAKEOFF WEIGHT = 70000lb (31751 kg)
- ◇ FUEL CAPACITY = 18350 lb (8278 kg)







Department of Mechanical Engineering Date: 19-02-2021

Slno	Name of the Topic	Names of students presenting seminar	Class
01	Autonomous Vehicles	Abhishek.G	V DME
02	Tethered Under Sea Kites Systems (TUSE)	Shreyas.H.N	V DME
03	Cruise Missiles	Suhas Badiger	V DME
04	Electroactive Di-Electric Elastomer	Chandrashekar.R and Sohan.M	V DME
05	Hybrid Technology	Chandana.R and Pavan.AA	III DME
06	F-35 Fighter Aircraft	Dilip.R and Shreedhar.L	III DME
07	Modren Aircraft	Kushal Kumar	III DME

PRIZE	Name of the Topic	Names of students presenting seminar	Class
I Prize	Electroactive Di-Electric Elastomer	Chandrashekar.R and Sohan.M	V DME
II Prize	Cruise Missiles	Suhas Badiger	V DME
III Prize	F-35 Fighter Aircraft	Dilip.R and Shreedhar.L	III DME

ISTE STUDENTS SEMINAR COMPETITION 2021

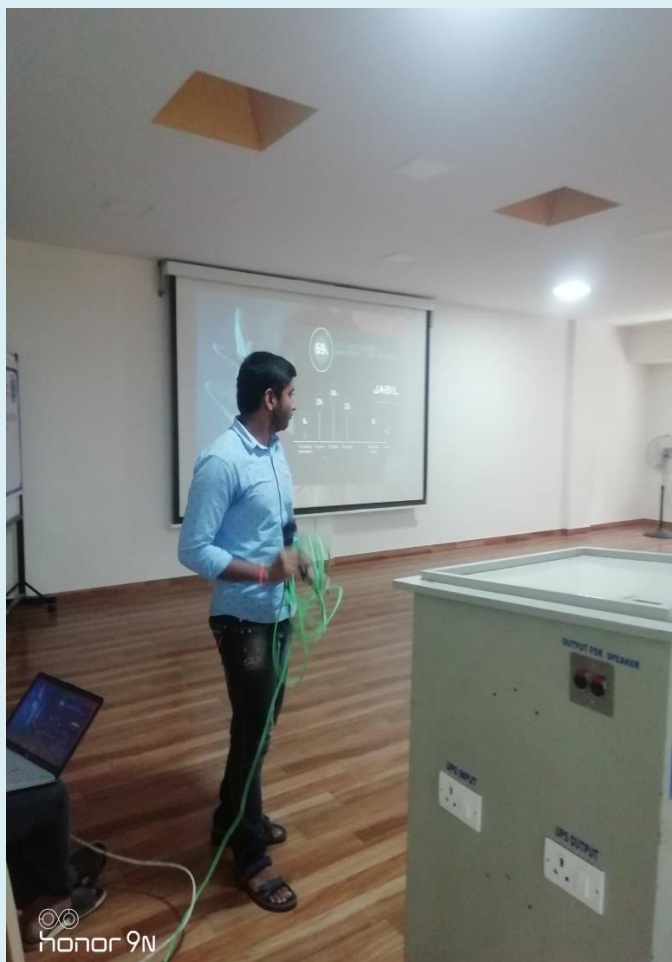
COMPUTER SCIENCE

Date:21-02-2021









Department of Computer Science and Engineering

Slno	Name of the Topic	Names of students presenting seminar	Class
01	Wi-Fi Vs Li-Fi	Bhanupriya and ChethanKumar	VCSE
02	VFX	Kavya.K.R	VCSE
03	Cloud Computing	Rekha and Chandana.C.S	VCSE
04	Bar Coding	Kavya.M	VCSE
05	IOT	Rakshitha	VCSE
06	Artificial Intelligence	Sahana	VCSE
07	Virtual Reality	Naioline	I CSE
08	Security and Privacy in Social Network	Rakshitha and Vinutha	I CSE
09	Quantum Computing	Somashekar	III CSE
10	Virtual Reality and Augmented Reality	Chethan.B.K	III CSE

Slno	Name of the Topic	Names of students presenting seminar	Class
I PRIZE	Virtual Reality and Augmented Reality	Chethan.B.K	IIICSE
II PRIZE	Virtual Reality	Naioline	I CSE
III PRIZE	Quantum Computing	Somashekar	IIICSE

FAREWELL FUNCTION

FAREWELL FUNCTION HELD ON 31-03-2021 ON OCCATION OF RETIREMENT OF SRI NAGARAJ GROUP D EMPLOYEE





GUEST LECTURE (ELECTRONICS AND COMMUNICATION DEPARTMENT)

Sri.Rahul Sarkar, Digital Marketing Manager, Kewaunee International Group and Alumni of Electronics and communication department delivered talk on “World towards Digital” on 23-01-2021





INTERNATIONAL WOMENS' DAY CELEBRATIONS

International womens day was celebrated by Department of Electrical and Electronics in association with ISTE Faculty Chapter and MEI Youth Redcross on 08-03-2021. Smt Sathya.Social worker.was the chief guest of the event. She spoke about health, Diet and Beauty tips.



GUEST LECTURE (CIVIL DEPARTMENT)

Sri.B.V.Ramesh Superintending Engineer, PWD and Water resources department and Allumni Civil Department delivered a talk on “ A guidance to gain practical knowledge, ability, attitude, habits through case studies” and “ To create and Improve motivation to upheld ethics and morality in upcoming Civil Engineers” on 26-02-2021. Chairman Governing Council of MEI Polytechnic , Principal and Head of the department Civil and Staff members of Civil department were present.







GUEST LECTURE (CIVIL DEPARTMENT)

Sri.Madav.B.Rohidekar, Design Engineer, Bangalore Consultants and contractors Allumini of Civil Engg. Department delivered a talk on Tendering process on 16-02-2021



NATIONAL SCIENCE DAY CELEBRATIONS

National Science Day was celebrated on 28th February 2021 on remembrance of Birth day of Sir C.V.Raman. Prof.Dr.M.Lokeshwari, professor, Department of Civil Engineering, R.V.College of Engineering, delivered talk on Geo-informatics in Solid waste management. The programme was conducted in association with Department of Civil Engineering, ISTE, Faculty chapter and MEI Youth redcross Society.



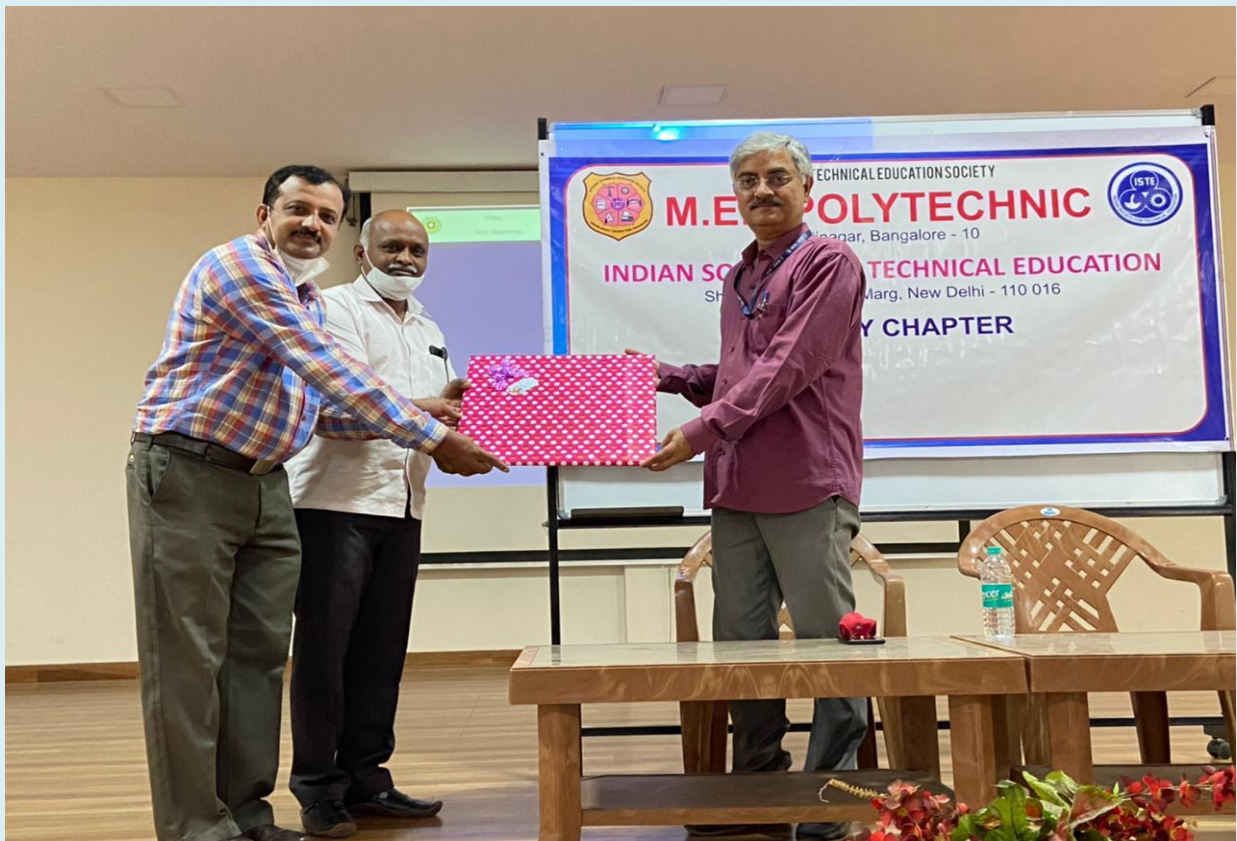


WORLD WATER DAY CELEBRATIONS

World water day was celebrated on 22-03-2021. Dr.A.Bhanu, Chief Technical officer, Indian Institute of Horticultural Research, Hesaraghatta delevered a talk on Water conservation and Management. The event was conducted in association with Department of Civil engineering, ISTE, Faculty and students chapter and MEI Youth Red cross Society.







PERSONALITY DEVELOPMENT PROGRAMME

Personality development programme was conducted for final year students of all the departments from 25-02-2021 to 01-03-2021 in association with **Disha Foundation, Bangalore** and **MEI Youth Red cross Society**.









SKILL DEVELOPMENT PROGRAMME(CIVIL DEPT.)

Department of Civil Engineering arranged on day Skill development programme on Field practices on Modern surveying equipments (Total station and DGPS) The programme was conducted in association with Universal survey and consultants pvt.Limited, Bangalore on 01-03-2021.



Shot on OnePlus
By Aravind Nayak



NATIONAL LEVEL TECHNICAL SYMPOSIUM

The Students of our polytechnic participated in the National level technical symposium conducted by Thagarajar Polytechnic college Salem on 5th March 2021 through virtual mode.

**THIAGARAJAR
POLYTECHNIC COLLEGE**
[Govt. Aided | Autonomous | AICTE-CII Mentor Award Winner
NBA Accredited from 2018 - 19 to 2023 - 24 :
Civil, Mech, EEE, Prodn. & Textile Tech. Programmes]
Salem, Tamil Nadu


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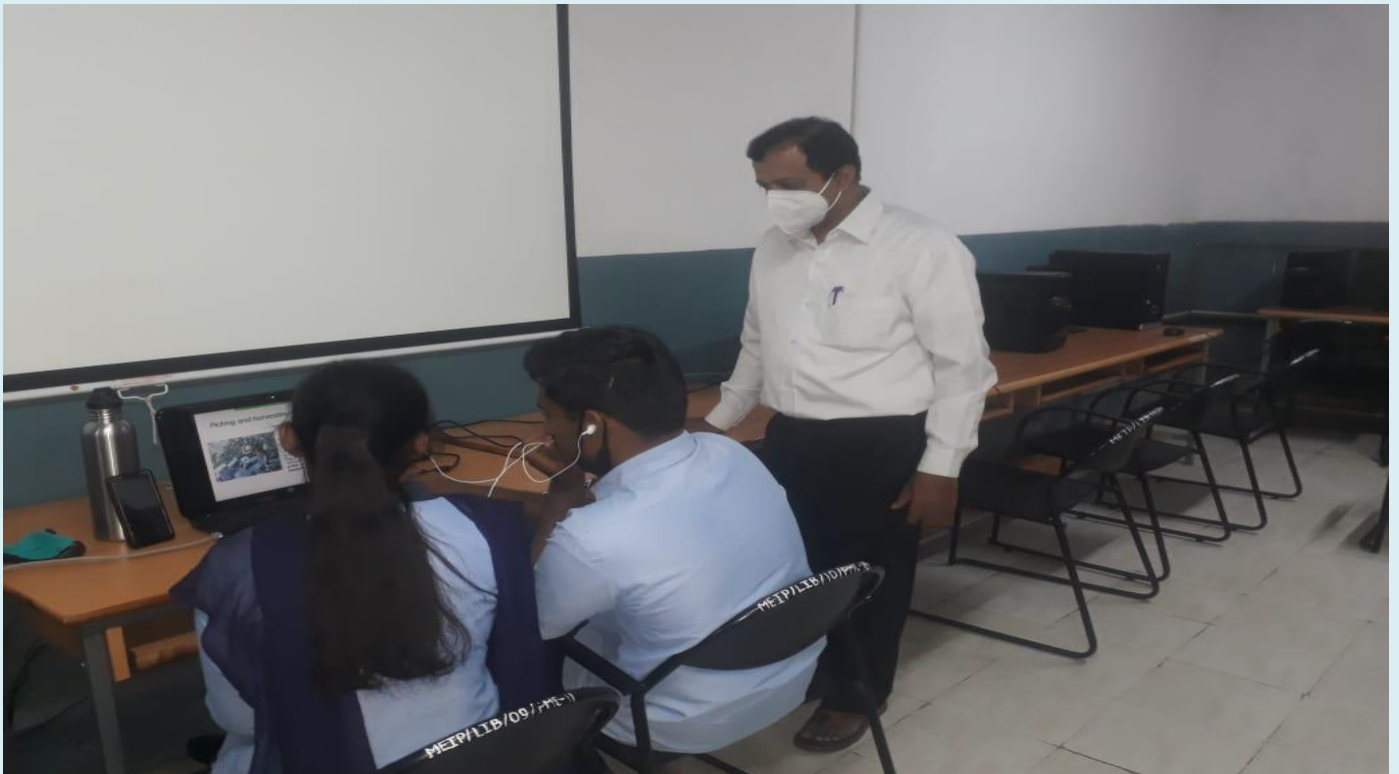
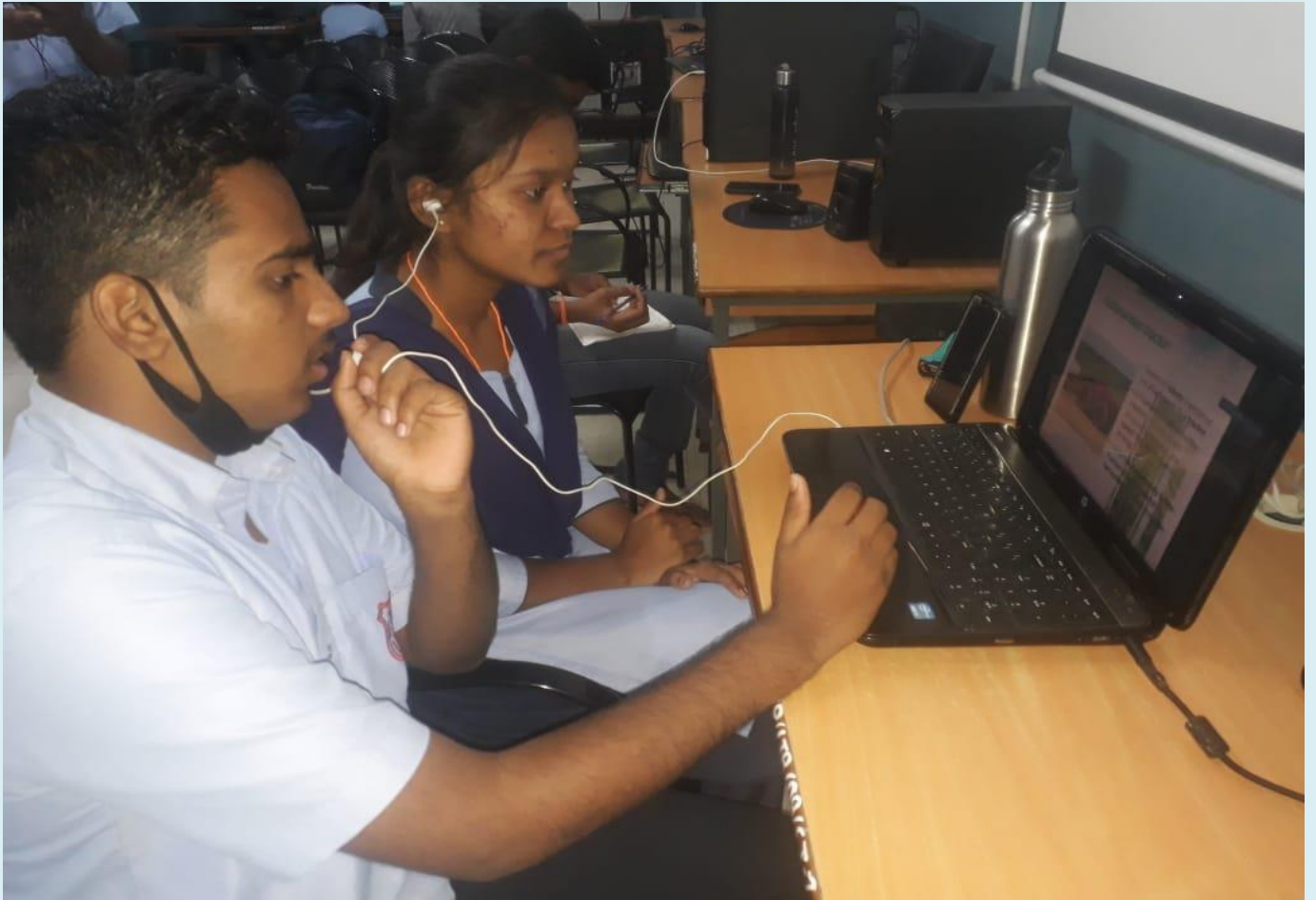


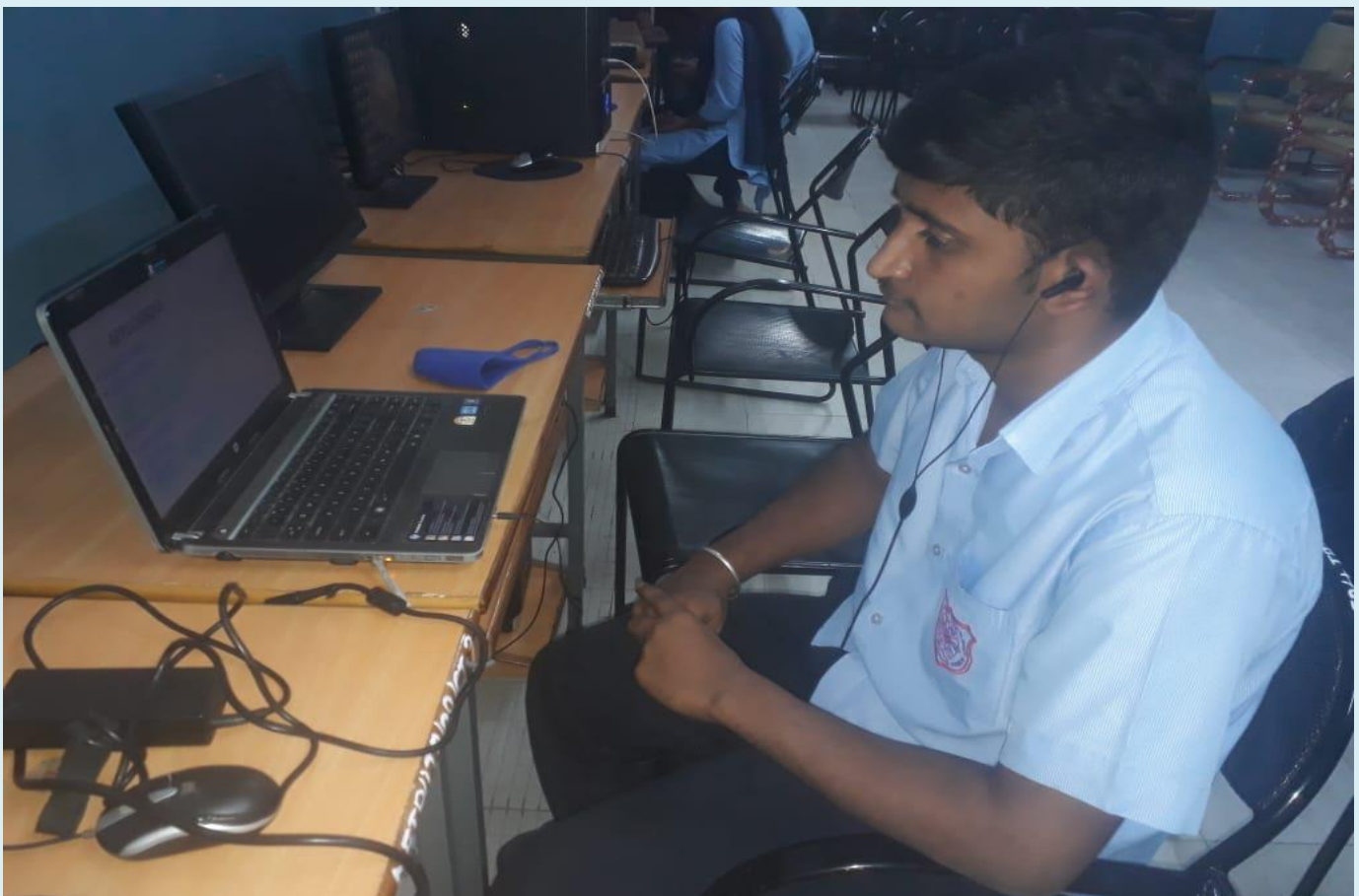
Join Zoom Meeting: <https://us02web.zoom.us/j/81838880487?pwd=UnNOZGc2NzhCenZjT3psNlhCQmNIQT09>

Meeting ID: 818 3888 0487, Passcode: tptc

webcast on 







REPORT OF National Level THIAGFEST 2021 Paper Presentation Competition CONDUCTED BY THAIGARAGAR POLYTECHNIC SALEM on 05-03-2021

List of Students Participated in the Competition (VIRTUAL MODE)

Sln	Title of the paper	Name of the student	Class and Department	Guides
01	Applications of Building Information Modeling in Civil Engineering	Aditya.M	5 th Sem Civil	Sri.H.S.Vishwanath
		Dharshan.N	5 th Sem Civil	Dr.H.Chandrashekar
02	Electrical Vehicles- Opportunity and Challenges	Ananya.M	5 th Sem E&E	Sri.Srimanth
		Nithin.John	3 rd Sem E&E	Sri.M.Magendrakumar
03	Application of Digital Twin in Manufacturing	Shreyas.H.N	5 th Sem DME	Sri R.Nagendraprasad Sri B.A.Srinivas Sri M.R.Manjunath
04	Role of Robotics in Agriculture	Lavanya.D.L	5 th Sem E&C	Smt. Geetharathna
		Hithesh Kumar.V	5 th Sem E&C	Sri.B.K.Sathish
05	Augmented Reality- An Application for Kid's Education	Chethan.B.K	3 rd Sem CSE	Sri. Shashikanth Kaginingannanavar Smt. Srivarshini Smt. Usharani

Following are the Prizes won by our students in the Competition

Sln	Title of the paper	Name of the student	Class and Department	Total no of Papers presented in the competition	Prizes won
01	Applications of Building Information Modeling in Civil Engineering	Aditya.M	5 th Sem Civil	49 papers (45 colleges)	II PRIZE (Cash prize of Rs 1500)
		Dharshan.N	5 th Sem Civil		
02	Electrical Vehicles- Opportunity and Challenges	Ananya.M	5 th Sem Electrical and Electronics	45 Papers (41 colleges)	II PRIZE (Cash prize of Rs 1500)
		Nithin.John	3 rd Sem Electrical and Electronics		
03	Role of Robotics in Agriculture	Lavanya.D.L	5 th Sem Electronics and Communication	62 Papers (58 colleges)	III Prize (Cash prize of Rs 1,000)
		Hithesh Kumar.V	5 th Sem Electronics and Communication		

PARTICIPATION IN THE INTERNATIONAL CONFERENCE

Dr.H.Candrashekar Selection Grade Lecturer, Department of Civil Engineering, won **Best research paper award** in the **International Conference on Advancements and Innovations in Civil Engineering** held during 18-20th March 2021 conducted by K.D.K.College of Engineering Nagpur.

