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St. JOSEPH'S COLLEGE OF ENGINEERING

(An Autonomous Institution)

St. Joseph's Group of Institutions

OMR, Chennai - 119

INTRODUCTION:

Being a part of the ISA South India Section from the year 2000, the Instrumentation department of St. Joseph's College of Engineering has currently 50 members in the academic year 2022-23. The ISA student chapter in St.Joseph's college of Engineering, encourages the enrolled members to develop their knowledge on the various aspects of Automation. This has been implemented by the involvement of activities such as quiz, Circuit debugging, webinars and other technical events on which the below report will be stressing upon.Based on the election conducted on 17th Oct 2022, the **Office Bearers** of the ISA students charter for the academic year **2022 – 23** are listed below.

 Ms. Keerthana K (IV Yr EIE) **President**	 Mr. Aravazhi T A (IV Yr EIE) **Secretary**
 Mr. Rayyaan Mohamed Abubakkar (IV Yr ICE) **Vice President**	 Mr. Hemanthkumar R (IV Yr EIE) **Treasurer**

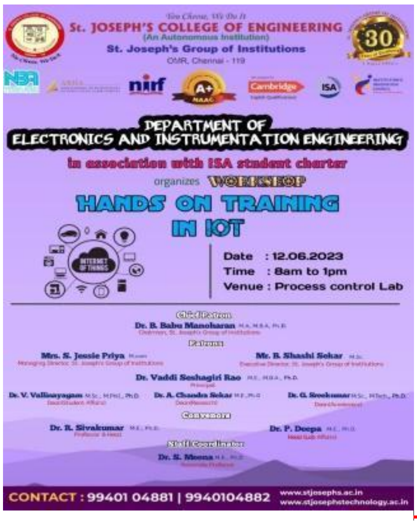
St. Joseph’s College of Engineering ISA Student chapter (STJOE) has been conducting atleast three events in every semester. **In the academic year 2022-2023 the following events has been conducted by ISA student chapter.**

S.No	**Date**	**Name of the Event**
1	**12.06.2023**	**Hands on Training in IOT**
2	**17.02.2023**	**Mini Proj Expo – Modeling and simulation**
3	**13.01.2023**	**Tech Wordle**
4	**21.10.2022**	**Mini Proj Expo**
5	**21.09.2022**	**Harmonize**

HANDS ON TRAINING IN IOT:

June 12, 2023.

As a part ISA - South India section, Hands on TRAINING IN IOT was held on Process Conrol Lab at 8 am -1 pm. For the department of Electronics and Instrumentation Engineering by Dr.Sabura Banu, Arcres Techosol Pvt. Ltd for all 3rd & 4th year students.



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St. Joseph's Group of Institutions
OMR, Chennai - 119

DEPARTMENT OF
ELECTRONICS AND INSTRUMENTATION ENGINEERING
in association with ISA student charter
organizes WORKSHOP
HANDS ON TRAINING
IN IOT

Date : 12.06.2023
Time : 8am to 1pm
Venue : Process control Lab

Chief Patron
Dr. B. Babu Manoharan
Patrons
Mrs. S. Jessie Priya
Mr. B. Shashi Sekar
Dr. Vaddi Seshagiri Rao
Principal
Dr. V. Vallinayagam
Dr. A. Chandra Sekar
Dr. G. Sreekumar
Convenors
Dr. R. Sivakumar
Dr. P. Deepa
Staff Coordinator
Dr. S. Meena

CONTACT : 99401 04881 | 9940104882
www.stjosephs.ac.in
www.stjosephstechnology.ac.in

MINI PROJECT EXPO:

February 17, 2023.

As a part ISA - South India section, Mini project expo was held on Smart Classroom at 1 pm -3pm. For the department of Electronics and Instrumentation Engineering by Dr. S. Meena for all 2nd & 3rd year students

Isa chapter event:

Mini Project Expo

The students who participated were asked to form a team of 4 and this is a Modelling and Simulation event. This event is based on software module and the groups are showcase their project module to the panel of judges Dr V.Vijayan and Dr.C.N.Gnanaprakasam.

This Event is based on Implement their hardware project in software domain i.e "**Proeteus, Tinkercad,Matlab"**. Out of Seven groups three groups won the prizes. The winner's list is given below:

Sl. No.	**NAME OF THE STUDENTS**	**YEAR & DEPT.**	**POSITION**
1.	HEMANTKUMAR R KAMALESH S PERIYASWAMY SHIVA ARSHAD HABIB	III EIE	I
2.	ARUN KUMAR K PRADEEP KUMAR R VISHNUVARSHAN R HARINATH S	II EIE	II
3.	ARAVAZHI T A KEERTHANA K MANOJ KUMAR T	III EIE	III

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St. Joseph's Group of Institutions
OMR, Chennai – 119

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We prepare for Cambridge English Qualifications
INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

in Association with ISA Student Chapter
Organises

FEB 2023
17
FRIDAY

Mini Project Expo

Focal Theme: Modeling & Simulation Tools

UPDATE
UPDATE

Chief Patron
Dr. B. Babu Manoharan M.A, M.B.A, Ph.D.
Chairman, St. Joseph's Group of Institutions

Patrons
Mrs.S.Jessie Priya M.Com.
Managing Director, St. Joseph's Group of Institutions

Mr.B.Shashi Sekar M.Sc.
Executive Director, St. Joseph's Group of Institutions

Dr.Vaddi Seshagiri Rao M.E., M.B.A., Ph.D.
Principal, St. Joseph's College of Engineering

Dr.V.Vallinayagam M.Sc., M.Phil., Ph.D.
Dean - Student Affairs

Dr.A.Chandrasekar M.E., Ph.D.
Dean - Research

Dr.G.Sreekumar M.Sc., M.Tech., Ph.D.
Dean - Academics

Convenors
Dr.R.Sivakumar M.E., Ph.D.
Professor & Head

Dr.P.Deepa M.E., Ph.D.
Head (Lab Affairs)

Staff Coordinators
Dr.S.Meena M.E., Ph.D
Associate Professor

Mr.D.Sankaran M.E.
Assistant Professor

*For Admissions: Visit www.stjosephs.ac.in / www.stjosephstechnology.ac.in or
Contact: 9940104881 / 9940104882

ISA
International Society of Automation
STUDENT CHARTER
Department of
ELECTRONICS AND
INSTRUMENTATION ENGINEERING
...ph's College of Engineering

TECH WORDLE:

January 13, 2023.

As a part ISA - South India section, a Tech Wordle was held at Smart Classroom at 11.00 am -11.40 am. For the department of Electronics and Instrumentation Engineering by Dr. S. Meena for all ISA members.

Isa chapter event:

Tech Wordle:

The students who participated were asked to form a team of 4 and this is a MCQ event. There were 2 rounds. The first round is based on MCQ type questions and the second round is based on cross word puzzle then the top 2 teams will be the winners.

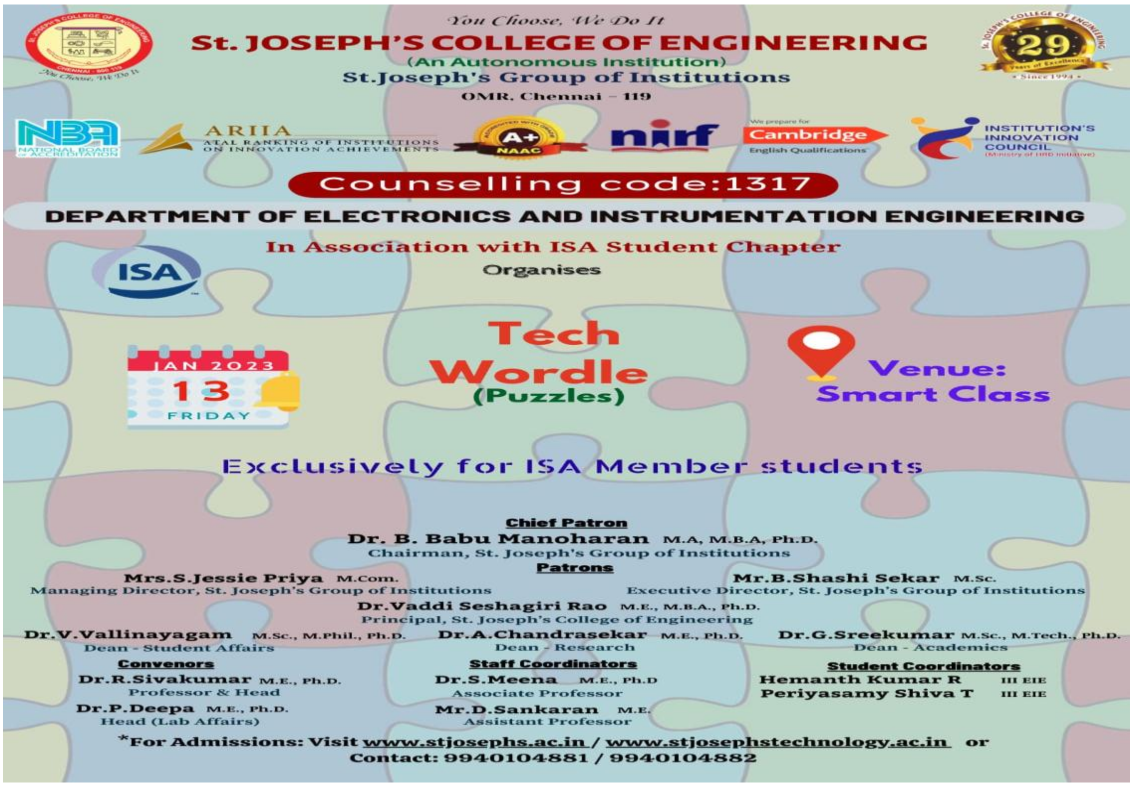
ROUND 1

This round is based on **MCQ** .There were 8 groups totally in the Event.

ROUND 2

This Round is based on **Cross word puzzle** and out of eight groups two groups won the prizes. The winner's list is given below:

Sl. No.	NAME OF THE STUDENTS	YEAR & DEPT.	POSITION
1.	ARAVAZHI T A ASHWIN B KARTHICK RAJA B	III EIE & II EIE	I
2.	BALAKRISHNAN A S KRISHNAJA JOSHIGA V SELVALAKSHMI I	III EIE & II EIE	II



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INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)
29 Years of Excellence • Since 1994 •
ISA

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(An Autonomous Institution)
St.Joseph's Group of Institutions
OMR, Chennai – 119

Counselling code:1317

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

In Association with ISA Student Chapter
Organises

Tech Wordle
(Puzzles)

JAN 2023
13
FRIDAY

Venue:
Smart Class

Exclusively for ISA Member students

Chief Patron
Dr. B. Babu Manoharan M.A, M.B.A, Ph.D.
Chairman, St. Joseph's Group of Institutions

Patrons
Mrs.S.Jessie Priya M.Com.
Managing Director, St. Joseph's Group of Institutions
Mr.B.Shashi Sekar M.Sc.
Executive Director, St. Joseph's Group of Institutions
Dr.Vaddi Seshagiri Rao M.E., M.B.A., Ph.D.
Principal, St. Joseph's College of Engineering
Dr.V.Vallinayagam M.Sc., M.Phil., Ph.D.
Dean - Student Affairs
Dr.A.Chandrasekar M.E., Ph.D.
Dean - Research
Dr.G.Sreekumar M.Sc., M.Tech., Ph.D.
Dean - Academics

Convenors
Dr.R.Sivakumar M.E., Ph.D.
Professor & Head
Dr.P.Deepa M.E., Ph.D.
Head (Lab Affairs)

Staff Coordinators
Dr.S.Meena M.E., Ph.D
Associate Professor
Mr.D.Sankaran M.E.
Assistant Professor

Student Coordinators
Hemanth Kumar R III EIE
Periyasamy Shiva T III EIE

*For Admissions: Visit www.stjosephs.ac.in / www.stjosephstechnology.ac.in or
Contact: 9940104881 / 9940104882

HARMONIZE:

SEPTEMBER 21, 2022.

As a part of the ISA - South India section, a HARMONIZE was held at Smart Classroom from 2.00 pm -3.00 pm. For the department of Electronics and Instrumentation Engineering by Dr. S. Meena for ISA members from 2nd,3rd, and 4th year

Isa chapter event:

HARMONIZE

The students who participated were asked to form a team of 3 and this is an MCQ event. The question was to match the circuit to its name. There were 4 sections each with 5 questions based on basics instrumentation and electronics.

The results of the ISA – Student Chapter Activity **"HARMONIZE"** held on September 21, 2022, for the academic year 2022 - 2023 (ODD semester) is detailed below:

Sl. No.	Name of the Students	Year	Position
1.	Mohammed Farhaan S Vidhyasaran R S Abinesh N	IV EIE III EIE II EIE	I
2.	Rajnarayanan S Prince Daniel T Yogavadhanan.V	IV EIE III EIE II EIE	II
3.	Padmavasan A Hemanth kumar R Ashwin B	IV EIE III EIE II EIE	II

MINI- PROJECT EXPO.

Oct 21, 2022.

As a part ISA - South India section , a mini project expo was held at process control laboratory at 12.30 -3.00 pm. For the department of Electronics And Instrumentation Engineering by Dr.S.Meena for all 2 nd and 3rd year students .

The students who participated were asked to form a team of 5 and prepare a working model of their project. They came up with really interesting models and explained the purpose of their ideas.

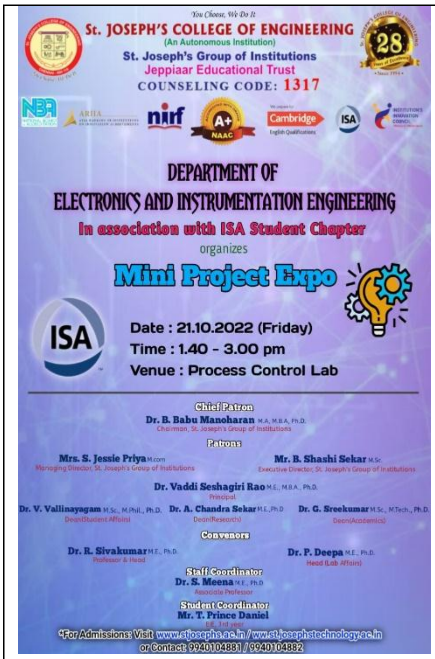
To do:

- Components
- Small briefing
- Block diagram
- Schematic diagram
- Output of their model

Rules:

- Team of 3/4/5 members
- No software projects
- Spot preparation of the model

Those who performed well with their innovative working model are awarded with the cash prize and certificate. The below table will show the results of the event. The Judges for this event were Dr.C.N.Gnanaprakasam, Dr.S.Meena and Mr .D.Sankaran.The results of the ISA – Student Chapter Activity **"MINI PROJECT EXPO"** held on October 21, 2022 for the academic year 2022 - 2023 (ODD semester) is detailed below:



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(An Autonomous Institution)

St. Joseph's Group of Institutions

Jeppiaar Educational Trust

COUNSELING CODE: 1317

DEPARTMENT OF

ELECTRONICS AND INSTRUMENTATION ENGINEERING

In association with ISA Student Chapter

organizes

Mini Project Expo

Date : 21.10.2022 (Friday)

Time : 1.40 - 3.00 pm

Venue : Process Control Lab

Chief Patron

Dr. B. Babu Manoharan M.A, M.B.A, Ph.D.

Chairman, St. Joseph's Group of Institutions

Patrons

Mrs. S. Jessie Priya M.com

Managing Director, St. Joseph's Group of Institutions

Mr. B. Shashi Sekar M.Sc.

Executive Director, St. Joseph's Group of Institutions

Dr. Vaddi Seshagiri Rao M.E., M.B.A., Ph.D.

Principal

Dr. V. Vallinayagam M.Sc., M.Phil., Ph.D.

Dean(Student Affairs)

Dr. A. Chandra Sekar M.E.,Ph.D

Dean(Research)

Dr. G. Sreekumar M.Sc., M.Tech., Ph.D.

Dean(Academics)

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Dr. R. Sivakumar M.E., Ph.D.

Professor & Head

Dr. P. Deepa M.E., Ph.D.

Head (Lab Affairs)

Staff Coordinator

Dr. S. Meena M.E., Ph.D

Associate Professor

Student Coordinator

Mr. T. Prince Daniel

EIE, 3rd year

*For Admissions: Visit www.stjosephs.ac.in / ww.st.josephstechnology.ac.in

or Contact: 9940104881 / 9940104882

Sl. No.	Title of the Project	Name of the Students	Year	Position
1.	IoT Based Plant Watering System	Hemanth Kumar R Kamalesh S	III EIE III EIE	I
2.	Rain Detector	Pooja Sri A Akila S Gomathi U Annie Beulah V	II EIE II EIE II EIE II	II

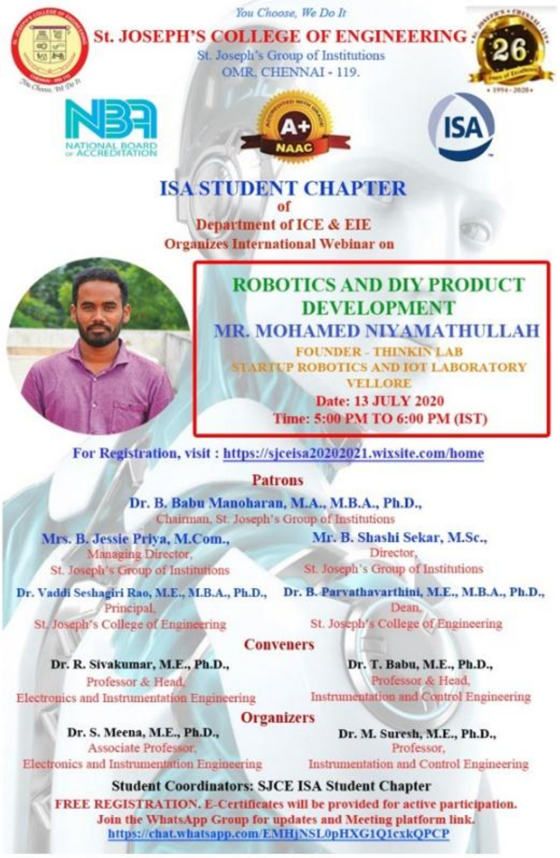
			EIE	
3.	Real Time Implementation of Ultrasonic Sensor	Ashwin B Sakthi Vijayan S Balamanikandan B Keerthivasan VEE Albert Franklin M	II EIE II EIE II EIE II EIE II EIE	III

In the academic year 2020-21 and 2021-2022 the following events has been conducted.

S.No	**Date**	**Name of the Event**
1	13.07.2020	ROBOTICS & PRODUCT DIY DEVELOPMENT
2	02.08.2020	SMART MANUFACTURING
3	04.08.2020 ,05.08.2020	GIBBERISH & CONNEXIONS
4	06.08.2020 ,07.08.2020 & 08.08.2020	THE FEMALE VOICE AT WORKFORCE
5	18.09.2020 & 19.09.2020	TECHNICAL QUIZ & UNSCRAMBLE
6	31.10.2020	TECH RIDDLE
7	27.02.2021	PIXIE MONTAGE
8	19.04.2021	TECHNICAL QUIZ
9	06-05-2021	OVERVIEW OF IMAGE PROCESSING
10	22-05-2021 &23-05-2021	SLOGAN WRITING AND PHOTOGRAPHY
11	20-05-2021	TECH QUIZ
12	26-05-2021	QUIZ
13	29-05-2021	AI AND MACHINE LEARNING
14	30-05-2021	CIRCUIT DEBUGGING
15	25.08.2021 & 30.08.2021	VALUE ADDED COURSE ON **INTRODUCTION TO EMBEDDED**

		TOOLSET & PRACTICAL APPROACH THROUGH ARDUINO AND PROTEUS.
16.	28.09.2021	Office Bearers Elections
17.	20.11.2021	TEHCNOPHILE

1.WEBINAR ON ROBOTICS & PRODUCT DIY DEVELOPMENT:



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St. Joseph's Group of Institutions

OMR, CHENNAI - 119.

ISA STUDENT CHAPTER

of

Department of ICE & EIE

Organizes International Webinar on

ROBOTICS AND DIY PRODUCT DEVELOPMENT

MR. MOHAMED NIYAMATHULLAH

FOUNDER - THINKIN LAB

STARTUP ROBOTICS AND IOT LABORATORY

VELLORE

Date: 13 JULY 2020

Time: 5:00 PM TO 6:00 PM (IST)

For Registration, visit : https://sjceisa20202021.wixsite.com/home

Patrons

Dr. B. Babu Manoharan, M.A., M.B.A., Ph.D.,
Chairman, St. Joseph's Group of Institutions

Mrs. B. Jessie Priya, M.Com.,
Managing Director,
St. Joseph's Group of Institutions

Mr. B. Shashi Sekar, M.Sc.,
Director,
St. Joseph's Group of Institutions

Dr. Vaddi Seshagiri Rao, M.E., M.B.A., Ph.D.,
Principal,
St. Joseph's College of Engineering

Dr. B. Parvathavarthini, M.E., M.B.A., Ph.D.,
Dean,
St. Joseph's College of Engineering

Conveners

Dr. R. Sivakumar, M.E., Ph.D.,
Professor & Head,
Electronics and Instrumentation Engineering

Dr. T. Babu, M.E., Ph.D.,
Professor & Head,
Instrumentation and Control Engineering

Organizers

Dr. S. Meena, M.E., Ph.D.,
Associate Professor,
Electronics and Instrumentation Engineering

Dr. M. Suresh, M.E., Ph.D.,
Professor,
Instrumentation and Control Engineering

Student Coordinators: SJCE ISA Student Chapter

FREE REGISTRATION. E-Certificates will be provided for active participation.

Join the WhatsApp Group for updates and Meeting platform link.

https://chat.whatsapp.com/EMHjNSL0pHXG1Q1cxkQPCP

The International webinar on the topic "ROBOTICS AND DIY PRODUCT DEVELOPMENT" was organized on 13th July (Time: 17:00 – 18:00), 2020 by the Department of Electronics and Instrumentation Engineering and by the Department of Instrumentation and Control Engineering in association with ISA Student Chapter. The webinar was presented by Mr. Mohamed Niyamathullah, who is the Founder at Thinkin Lab, Vellore. The staffs in-charge were Dr. S. Meena(EIE) & Dr. M.

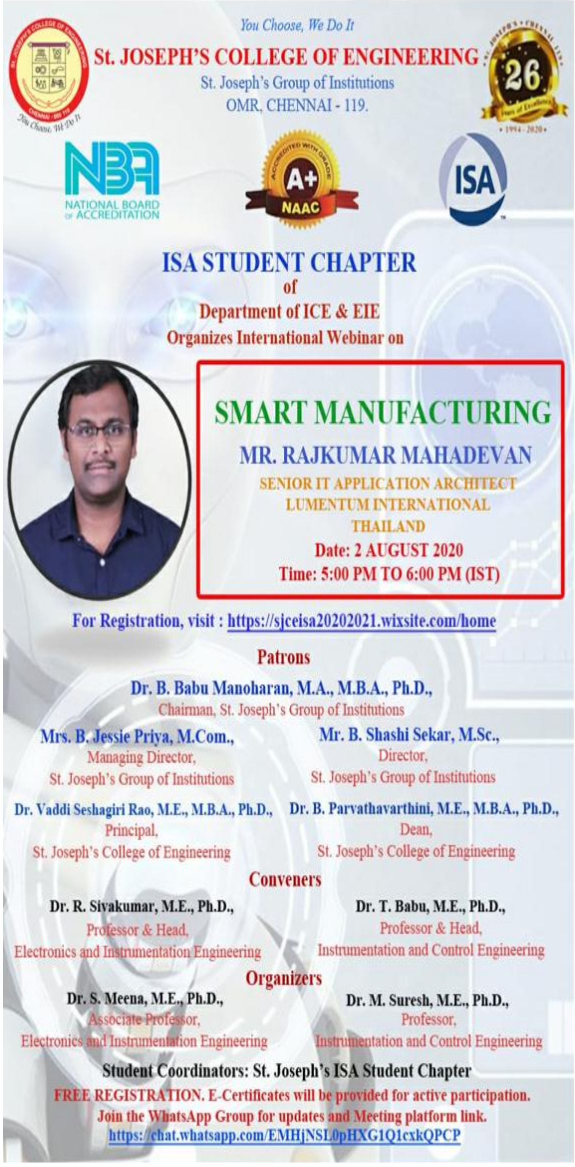
This webinar was focused on the development of electronics project from the scratch. The webinar started with the introduction to the speaker by our Program Chair – Ms. Dellecta Jessy Rashmi Ramesh(EIE). And then the control was given over to the speaker himself.

The presentation began with the idea of breaking the myths in the minds of students about Robotics and what really Robotics is. Then, the speaker gave a brief introduction to the basic electronics. After that, he demonstrated a simple PCB which can be designed using EasyEDA (A PCB Designing software). Then, he gave introduction to the well known microcontroller – Arduino and how to code the Arduino board using Arduino IDE. And at last, he demonstrated how MIT App Inventor can be used to develop simple apps to make our project accessible from anywhere using Internet. Followed by this presentation, Q&A session was held, where multiple student's doubts were clarified.

The meeting concluded with the Vote of Thanks delivered by Ms. A. Keerthana (Honors & Awards) from the Department of ICE.

Suresh(ICE).	

1. WEBINAR ON SMART MANUFACTURING:



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St. Joseph's Group of Institutions
OMR, CHENNAI - 119.

ISA STUDENT CHAPTER
of
Department of ICE & EIE
Organizes International Webinar on

SMART MANUFACTURING
MR. RAJKUMAR MAHADEVAN
SENIOR IT APPLICATION ARCHITECT
LUMENTUM INTERNATIONAL
THAILAND
Date: 2 AUGUST 2020
Time: 5:00 PM TO 6:00 PM (IST)

For Registration, visit : https://sjceisa20202021.wixsite.com/home

Patrons

Dr. B. Babu Manoharan, M.A., M.B.A., Ph.D.,
Chairman, St. Joseph's Group of Institutions

Mrs. B. Jessie Priya, M.Com.,
Managing Director,
St. Joseph's Group of Institutions

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Professor & Head,
Instrumentation and Control Engineering

Organizers

Dr. S. Meena, M.E., Ph.D.,
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Electronics and Instrumentation Engineering

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Professor,
Instrumentation and Control Engineering

Student Coordinators: St. Joseph's ISA Student Chapter
FREE REGISTRATION. E-Certificates will be provided for active participation.
Join the WhatsApp Group for updates and Meeting platform link.
https://chat.whatsapp.com/EMHjNSL0pHXG1Q1cxkQPCP

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26
1994 - 2020

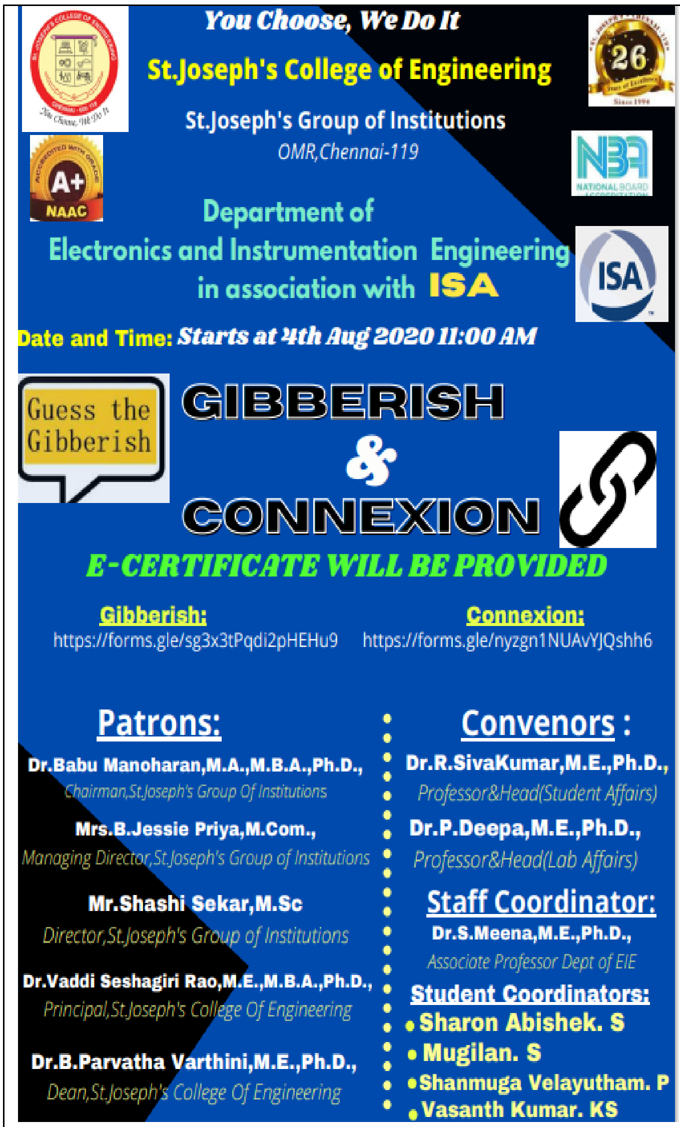
The International webinar on the topic "Smart Manufacturing" was organized on 08 August 2020 (Time: 11:00 AM – 12:00), 2020 by the Department of Electronics and Instrumentation Engineering and by the Department of Electronics and Instrumentation Engineering in association with ISA Student Chapter.

The webinar was presented by Mr.Rajkumar Mahadevan, who is the Senior IT Application Architect, Lumentum Thailand. The staffs in-charge were Dr. S. Meena (EIE) & Dr. M. Suresh (ICE). This webinar was focused on the Scope of Smart Manufacturing from the scratch. The webinar started with the introduction to the speaker by our Program Chair – Ms. Dellecta Jessy Rashmi Ramesh (EIE). And then the control was given over to the speaker himself.

The presentation began with the idea of breaking the myths in the minds of students about smart manufacturing. Then, the speaker gave a brief introduction to the smart manufacturing and its scope. After that, he illustrated the adaptability, flexibility of smart manufacturing. He also briefed about the role of instrumentation in Smart devices. Followed by this presentation, Q&A session was held, where multiple student's doubts were clarified.

The meeting concluded with the Vote of Thanks delivered by Ms. A. Keerthana (Honors & Awards) from the Department of ICE.

2. Gibberish & Connexions:



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St.Joseph's College of Engineering

St.Joseph's Group of Institutions

OMR,Chennai-119

Department of

Electronics and Instrumentation Engineering

in association with ISA

Date and Time: Starts at 4th Aug 2020 11:00 AM

Guess the Gibberish

GIBBERISH

&

CONNEXION

E-CERTIFICATE WILL BE PROVIDED

Gibberish: https://forms.gle/sg3x3tPqdi2pHEHu9

Connexion: https://forms.gle/nyzgn1NUAvYJQshh6

Patrons:

Dr.Babu Manoharan,M.A.,M.B.A.,Ph.D.,
Chairman,St.Joseph's Group Of Institutions

Mrs.B.Jessie Priya,M.Com.,
Managing Director,St.Joseph's Group of Institutions

Mr.Shashi Sekar,M.Sc
Director,St.Joseph's Group of Institutions

Dr.Vaddi Seshagiri Rao,M.E.,M.B.A.,Ph.D.,
Principal,St.Joseph's College Of Engineering

Dr.B.Parvatha Varthini,M.E.,Ph.D.,
Dean,St.Joseph's College Of Engineering

Convenors :

Dr.R.SivaKumar,M.E.,Ph.D.,
Professor&Head(Student Affairs)

Dr.P.Deepa,M.E.,Ph.D.,
Professor&Head(Lab Affairs)

Staff Coordinator:

Dr.S.Meena,M.E.,Ph.D.,
Associate Professor Dept of EIE

Student Coordinators:

- Sharon Abishek. S
- Mugilan. S
- Shanmuga Velayutham. P
- Vasanth Kumar. KS

The event **Gibberish & connexions** was conducted on 04.08.2020 & 05.08.2020. This event was mainly focussed horn technical skills of students in the department of EIE & ICE. This event is basically a pixie type game. But to make it interesting technical words were given to the students. Number of students participated in this event were: 35. The staffs in in-charge were Dr.S.Meena (EIE). So participants were encouraged to participate individually. Two events were conducted and they are Gibberish and

Gibberish went like as follows:

- 15 technical words will be given to each team.
- One point will be rewarded for each word found.
- The individual with the maximum number of points will be declared as winner.

The Connexions round went as follows:

- Totally 24 students participated.
- 10 Pictures were given and the technical words associated with the pictures has to be found out.
- Top 3 teams got selected as winners.

I- Poonguzhali M- IV ICE

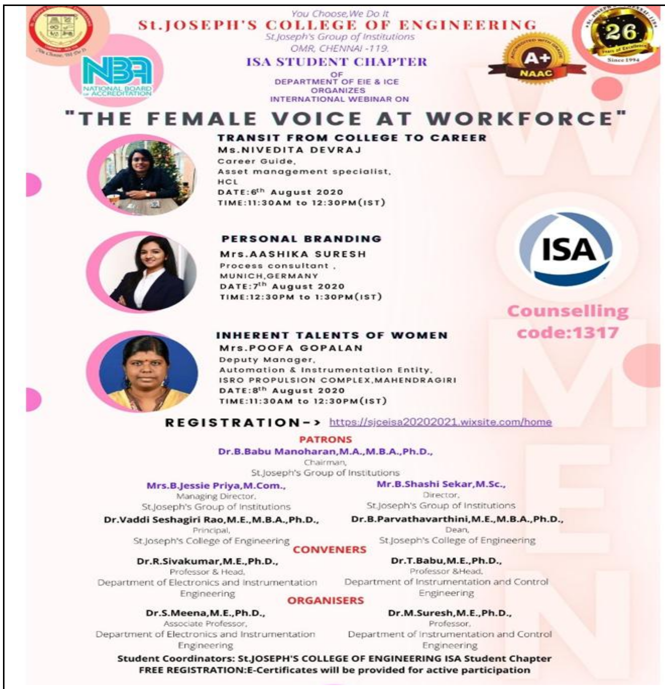
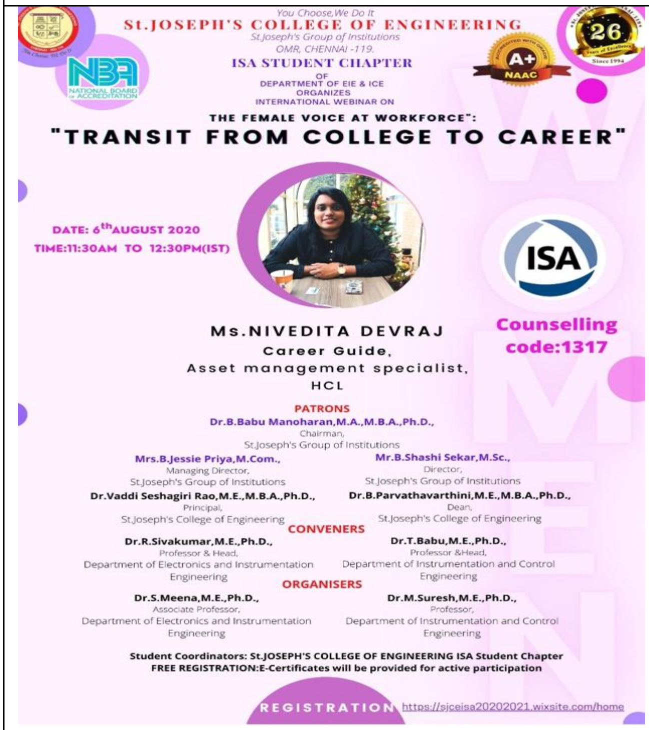
II- Mr.ASHWIN.T- II EIE

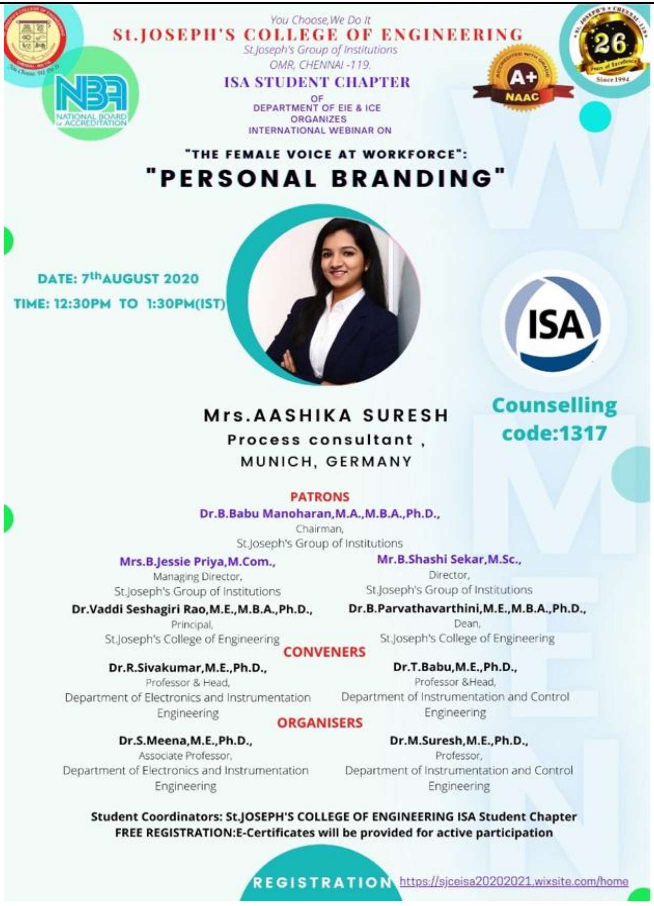
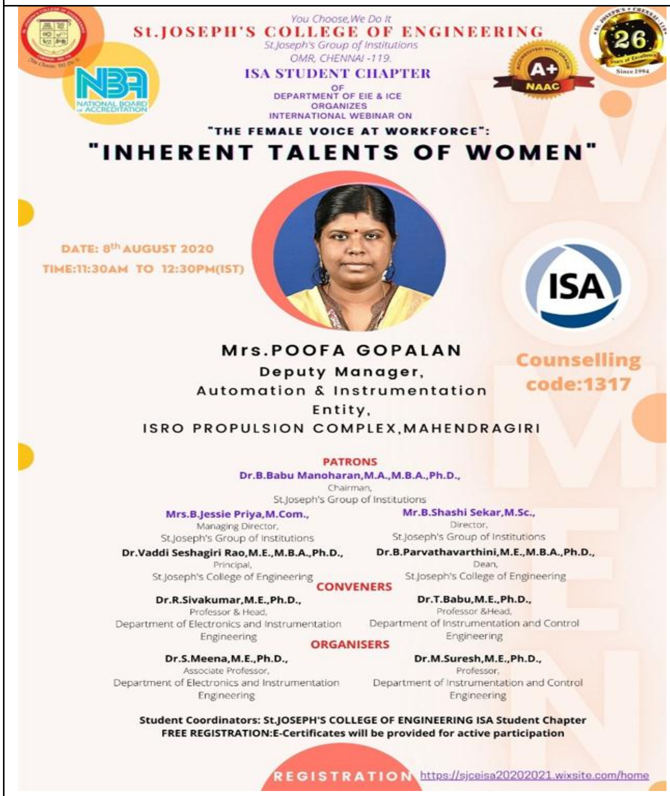
III- Koyal Gopika M-III EIE B

On the whole, this event proved to be a successful one. This event was a good platform for the interaction between two departments and also helped in building a healthy relationship between the juniors and seniors and also within the two departments. This also established a good rapport between the juniors and the seniors.

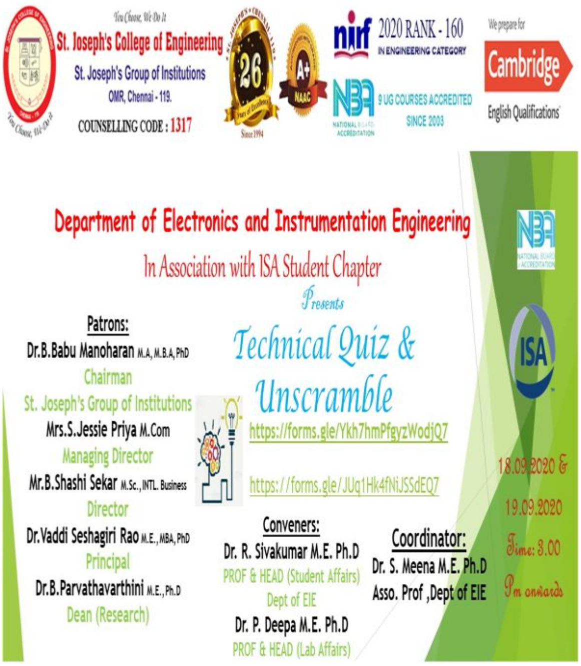
connexions.	

4.WEBINAR SERIES ON THE FEMALE VOICE AT WORKFORCE:

 You Choose,We Do It St.JOSEPH'S COLLEGE OF ENGINEERING St.Joseph's Group of Institutions OMR, CHENNAI -119. ISA STUDENT CHAPTER OF DEPARTMENT OF EIE & ICE ORGANIZES INTERNATIONAL WEBINAR ON "THE FEMALE VOICE AT WORKFORCE" TRANSIT FROM COLLEGE TO CAREER Ms.NIVEDITA DEVRAJ Career Guide, Asset management specialist, HCL DATE:6th August 2020 TIME:11:30AM to 12:30PM(IST) PERSONAL BRANDING Mrs.AASHIKA SURESH Process consultant , MUNICH,GERMANY DATE:7th August 2020 TIME:12:30PM to 1:30PM(IST) Counselling code:1317 INHERENT TALENTS OF WOMEN Mrs.POOFA GOPALAN Deputy Manager, Automation & Instrumentation Entity, ISRO PROPULSION COMPLEX,MAHENDRAGIRI DATE:8th August 2020 TIME:11:30AM to 12:30PM(IST) REGISTRATION-> https://sjceisa20202021.wixsite.com/home PATRONS Dr.B.Babu Manoharan,M.A.,M.B.A.,Ph.D., Chairman, St.Joseph's Group of Institutions Mrs.B.Jessie Priya,M.Com., Managing Director, St.Joseph's Group of Institutions Mr.B.Shashi Sekar,M.Sc., Director, St.Joseph's Group of Institutions Dr.Vaddi Seshagiri Rao,M.E.,M.B.A.,Ph.D., Principal, St.Joseph's College of Engineering Dr.B.Parvathavarthini,M.E.,M.B.A.,Ph.D., Dean, St.Joseph's College of Engineering CONVENERS Dr.R.Sivakumar,M.E.,Ph.D., Professor & Head, Department of Electronics and Instrumentation Engineering Dr.T.Babu,M.E.,Ph.D., Professor &Head, Department of Instrumentation and Control Engineering ORGANISERS Dr.S.Meena,M.E.,Ph.D., Associate Professor, Department of Electronics and Instrumentation Engineering Dr.M.Suresh,M.E.,Ph.D., Professor, Department of Instrumentation and Control Engineering Student Coordinators: St.JOSEPH'S COLLEGE OF ENGINEERING ISA Student Chapter FREE REGISTRATION:E-Certificates will be provided for active participation	The International webinar series were conducted on the topic “The Female Voice at Workforce”was organized on by the Department of Electronics and Instrumentation Engineering and by the Department of Instrumentation and Control Engineering in association with ISA Student Chapter.
 You Choose,We Do It St.JOSEPH'S COLLEGE OF ENGINEERING St.Joseph's Group of Institutions OMR, CHENNAI -119. ISA STUDENT CHAPTER OF DEPARTMENT OF EIE & ICE ORGANIZES INTERNATIONAL WEBINAR ON THE FEMALE VOICE AT WORKFORCE": "TRANSIT FROM COLLEGE TO CAREER" DATE: 6th AUGUST 2020 TIME:11:30AM TO 12:30PM(IST) Ms.NIVEDITA DEVRAJ Career Guide, Asset management specialist, HCL Counselling code:1317 PATRONS Dr.B.Babu Manoharan,M.A.,M.B.A.,Ph.D., Chairman, St.Joseph's Group of Institutions Mrs.B.Jessie Priya,M.Com., Managing Director, St.Joseph's Group of Institutions Mr.B.Shashi Sekar,M.Sc., Director, St.Joseph's Group of Institutions Dr.Vaddi Seshagiri Rao,M.E.,M.B.A.,Ph.D., Principal, St.Joseph's College of Engineering Dr.B.Parvathavarthini,M.E.,M.B.A.,Ph.D., Dean, St.Joseph's College of Engineering CONVENERS Dr.R.Sivakumar,M.E.,Ph.D., Professor & Head, Department of Electronics and Instrumentation Engineering Dr.T.Babu,M.E.,Ph.D., Professor &Head, Department of Instrumentation and Control Engineering ORGANISERS Dr.S.Meena,M.E.,Ph.D., Associate Professor, Department of Electronics and Instrumentation Engineering Dr.M.Suresh,M.E.,Ph.D., Professor, Department of Instrumentation and Control Engineering Student Coordinators: St.JOSEPH'S COLLEGE OF ENGINEERING ISA Student Chapter FREE REGISTRATION:E-Certificates will be provided for active participation REGISTRATION https://sjceisa20202021.wixsite.com/home Our First Webinar Series was on the topic “Transit from College to Career”,on 6th August(Time: 11:30 – 12:30),presented by	The staffs in-charge were Dr. S. Meena(EIE) & Dr. M. Suresh(ICE). The webinar started with the introduction to the speaker by our Program Chair – Ms. Dellecta Jessy Rashmi Ramesh(EIE). And then the control was given over to the speaker himself. Then, the speaker gave a brief introduction to mental strength of women and then about the Leadership Qualities of women. Followed by this presentation, Q&A session was held, where multiple student’s doubts were clarified. The meeting concluded with the Vote of Thanks.

Ms.Niveditha Devraj, who is Analyst in HCL Technology,Chennai.	
 You Choose,We Do It St.JOSEPH'S COLLEGE OF ENGINEERING St.Joseph's Group of Institutions OMR, CHENNAI -119. ISA STUDENT CHAPTER OF DEPARTMENT OF EIE & ICE ORGANIZES INTERNATIONAL WEBINAR ON "THE FEMALE VOICE AT WORKFORCE": "PERSONAL BRANDING" DATE: 7th AUGUST 2020 TIME: 12:30PM TO 1:30PM(IST) Mrs.AASHIKA SURESH Process consultant , MUNICH, GERMANY Counselling code:1317 PATRONS Dr.B.Babu Manoharan,M.A.,M.B.A.,Ph.D., Chairman, St.Joseph's Group of Institutions Mrs.B.Jessie Priya,M.Com., Managing Director, St.Joseph's Group of Institutions Mr.B.Shashi Sekar,M.Sc., Director, St.Joseph's Group of Institutions Dr.Vaddi Seshagiri Rao,M.E.,M.B.A.,Ph.D., Principal, St.Joseph's College of Engineering Dr.B.Parvathavarthini,M.E.,M.B.A.,Ph.D., Dean, St.Joseph's College of Engineering CONVENERS Dr.R.Sivakumar,M.E.,Ph.D., Professor & Head, Department of Electronics and Instrumentation Engineering Dr.T.Babu,M.E.,Ph.D., Professor &Head, Department of Instrumentation and Control Engineering ORGANISERS Dr.S.Meena,M.E.,Ph.D., Associate Professor, Department of Electronics and Instrumentation Engineering Dr.M.Suresh,M.E.,Ph.D., Professor, Department of Instrumentation and Control Engineering Student Coordinators: St.JOSEPH'S COLLEGE OF ENGINEERING ISA Student Chapter FREE REGISTRATION:E-Certificates will be provided for active participation REGISTRATION https://sjceisa20202021.wixsite.com/home	Our Second Webinar Series was on the topic "Personal Branding", on 7th August(Time: 12:30 – 01:30)presented by Ms.Aashika Suresh, who is a Process Consultant, Munich,Germany.This webinar is focused on what is Personal Branding. The webinar started with the introduction to the speaker by our Program Chair – Ms.G.Jayashree(EIE).. Then, the speaker explained about personal Branding in Corporate Workfield. After that, she gave some keypoints to attain Personal Branding. Followed by this presentation, Q&A session was held, where student's doubts were clarified.Nearly 70 students were participated in this webinar including students from other countries. The meeting concluded with the Vote of Thanks .
 You Choose,We Do It St.JOSEPH'S COLLEGE OF ENGINEERING St.Joseph's Group of Institutions OMR, CHENNAI -119. ISA STUDENT CHAPTER OF DEPARTMENT OF EIE & ICE ORGANIZES INTERNATIONAL WEBINAR ON "THE FEMALE VOICE AT WORKFORCE": "INHERENT TALENTS OF WOMEN" DATE: 8th AUGUST 2020 TIME:11:30AM TO 12:30PM(IST) Mrs.POOFA GOPALAN Deputy Manager, Automation & Instrumentation Entity, ISRO PROPULSION COMPLEX,MAHENDRAGIRI Counselling code:1317 PATRONS Dr.B.Babu Manoharan,M.A.,M.B.A.,Ph.D., Chairman, St.Joseph's Group of Institutions Mrs.B.Jessie Priya,M.Com., Managing Director, St.Joseph's Group of Institutions Mr.B.Shashi Sekar,M.Sc., Director, St.Joseph's Group of Institutions Dr.Vaddi Seshagiri Rao,M.E.,M.B.A.,Ph.D., Principal, St.Joseph's College of Engineering Dr.B.Parvathavarthini,M.E.,M.B.A.,Ph.D., Dean, St.Joseph's College of Engineering CONVENERS Dr.R.Sivakumar,M.E.,Ph.D., Professor & Head, Department of Electronics and Instrumentation Engineering Dr.T.Babu,M.E.,Ph.D., Professor &Head, Department of Instrumentation and Control Engineering ORGANISERS Dr.S.Meena,M.E.,Ph.D., Associate Professor, Department of Electronics and Instrumentation Engineering Dr.M.Suresh,M.E.,Ph.D., Professor, Department of Instrumentation and Control Engineering Student Coordinators: St.JOSEPH'S COLLEGE OF ENGINEERING ISA Student Chapter FREE REGISTRATION:E-Certificates will be provided for active participation REGISTRATION https://sjceisa20202021.wixsite.com/home	Our Third Webinar Series was on the topic "Inherent Talents Of Women", on 8th August(Time: 11:30 – 12:30), presented by Mrs.Poofa Gobalan(Deputy Manager, Automation & InstrumentationEntity,ISRO Propulsion Complex,Mahendragiri). The presentation began with the idea of breaking the myths in the minds of public about Women Talents. Then, the speaker gave a brief introduction to mental strength of women.She shared her experiences in ISRO and opportunities available in ISRO for Young Students.Followed by this presentation, Q&A session was held, where multiple student's doubts were clarified.

5. TECHNICAL QUIZ AND UNSCRAMBLE:



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St. Joseph's College of Engineering
St. Joseph's Group of Institutions
OMR, Chennai - 119.
COUNSELLING CODE : 1317

2020 RANK - 160
IN ENGINEERING CATEGORY

9 UG COURSES ACCREDITED
SINCE 2003

We prepare for
Cambridge
English Qualifications

Department of Electronics and Instrumentation Engineering
In Association with ISA Student Chapter
Presents
Technical Quiz & Unscramble
https://forms.gle/Ykh7hmPfgyzWodjQ7
https://forms.gle/JUq1Hk4fNiJSSdEQ7

18.09.2020 &
19.09.2020
Time: 3.00
Pm onwards

Patrons:
Dr.B.Babu Manoharan M.A, M.B.A, PhD
Chairman
St. Joseph's Group of Institutions
Mrs.S.Jessie Priya M.Com
Managing Director
Mr.B.Shashi Sekar M.Sc., INTL. Business
Director
Dr.Vaddi Seshagiri Rao M.E., MBA, PhD
Principal
Dr.B.Parvathavarthini M.E., Ph.D
Dean (Research)

Conveners:
Dr. R. Sivakumar M.E. Ph.D
PROF & HEAD (Student Affairs)
Dept of EIE
Dr. P. Deepa M.E. Ph.D
PROF & HEAD (Lab Affairs)

Coordinator:
Dr. S. Meena M.E. Ph.D
Asso. Prof ,Dept of EIE

The event **Technical Quiz and Unscramble** was conducted on 18.09.2020 & 19.09.2020. This event was mainly focussed horn technical skills of students in the department of EIE & ICE. This event is basically a quiz type and word building type game. But to make it interesting technical words were given to the students. Number of students participated in this event were: 45. The staff in in-charge were Dr.S.Meena (EIE).

So participants were encouraged to participate individually. Two events were conducted and they are Technical quiz and Unscramble .

Technical Quiz went like as follows:

- 15 Questions will be given to each team.
- One point will be rewarded for each word found.
- The individual with the maximum number of points will be declared as winner.

  The winners are

  1.Sharon shekinah.A ,K.Sanjay and Shafiq Ahamed.S-II EIE

  2.Poonguzhahi M -IV ICE

  3. Devadarshan G- IV EIE A

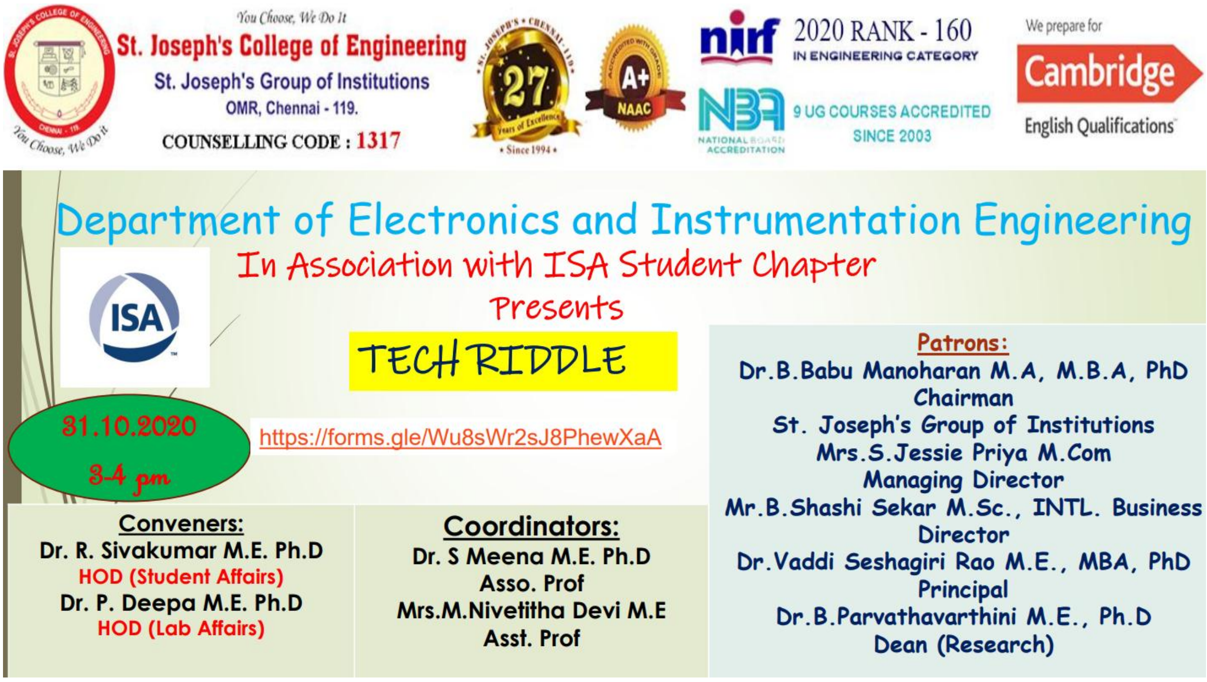
The Unscramble round went as follows:

- Totally 24 students participated.
- 10 unscrambled words were given and the technical words associated has to be found out.
- Top 3 teams got selected as winners.

The winners are

1. Poonguzhahi M -IV ICE
2. Muthiah – III ICE

6.TECHNICAL RIDDLE:



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St. Joseph's College of Engineering

St. Joseph's Group of Institutions

OMR, Chennai - 119.

COUNSELLING CODE : 1317

2020 RANK - 160 IN ENGINEERING CATEGORY

9 UG COURSES ACCREDITED SINCE 2003

We prepare for Cambridge English Qualifications

Department of Electronics and Instrumentation Engineering

In Association with ISA Student Chapter

Presents

TECH RIDDLE

31.10.2020

3-4 pm

https://forms.gle/Wu8sWr2sJ8PhewXaA

Patrons:

Dr.B.Babu Manoharan M.A, M.B.A, PhD

Chairman

St. Joseph's Group of Institutions

Mrs.S.Jessie Priya M.Com

Managing Director

Mr.B.Shashi Sekar M.Sc., INTL. Business

Director

Dr.Vaddi Seshagiri Rao M.E., MBA, PhD

Principal

Dr.B.Parvathavarthini M.E., Ph.D

Dean (Research)

Conveners:

Dr. R. Sivakumar M.E. Ph.D

HOD (Student Affairs)

Dr. P. Deepa M.E. Ph.D

HOD (Lab Affairs)

Coordinators:

Dr. S Meena M.E. Ph.D

Asso. Prof

Mrs.M.Nivetitha Devi M.E

Asst. Prof

27 Years of Excellence • Since 1994 •
A+ NAAC
nirf
NBA NATIONAL BOARD ACCREDITATION
ISA

The event **Technical Riddle** was conducted on 31.10.2020. This event was mainly focussed horn technical skills of students in the department of EIE & ICE. This event is basically a riddle type game. But to make it interesting technical words were given to the students. Number of students participated in this event were: 25. The staff in in-charge were Dr.S.Meena (EIE) & Mrs M.Nivetitha Devi.

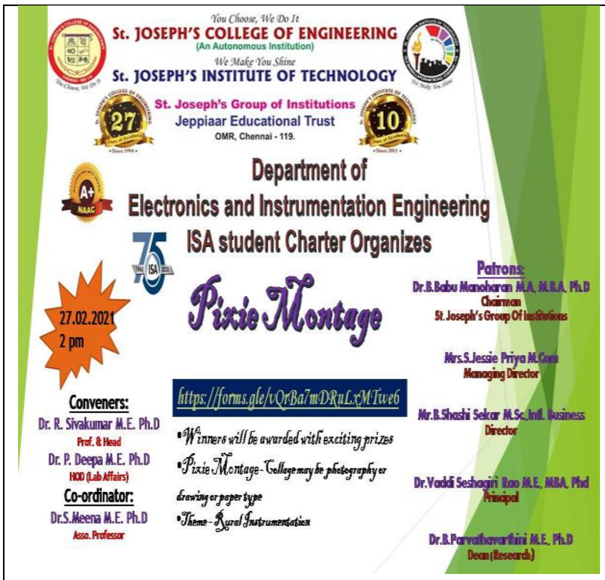
So participants were encouraged to participate individually. Two Rounds were conducted. Round 1 & round 2 were as follows:

- 15 Questions will be given to each team.
- One point will be rewarded for each word found.
- The individual with the maximum number of points will be declared as winner.
- Top 3 got selected as winners.

Position No.	Name	Class
I	RABHINA ROY A.P	II EIE
II	E HARIHARAN	III EIE A
III	JANESH SHETTY	II EIE

7.PIXIE MONTAGE:

On 27th February 2021, the pixie montage competition was held. The students has been asked to design a Collage that depicts the Instrumentation for rural India. The Collage is both photography and Paper type. It is conducted as both online and offline. The brochure is as follows:



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St. JOSEPH'S COLLEGE OF ENGINEERING
(An Autonomous Institution)
We Make You Shine
St. JOSEPH'S INSTITUTE OF TECHNOLOGY
St. Joseph's Group of Institutions
Jeppiaar Educational Trust
OMR, Chennai - 119.

Department of
Electronics and Instrumentation Engineering
ISA student Charter Organizes

Pixie Montage

27.02.2021
2 pm

https://forms.gle/vQrBa7mDRuLxMTwe6

- Winners will be awarded with exciting prizes
- Pixie Montage - Collage may be photography or drawing or paper type
- Theme - Rural Instrumentation

Conveners:
Dr. R. Sivakumar M.E. Ph.D
Prof. & Head
Dr. P. Deepa M.E. Ph.D
HOD (Lab Affairs)
Co-ordinator:
Dr.S.Meena M.E. Ph.D
Asso. Professor

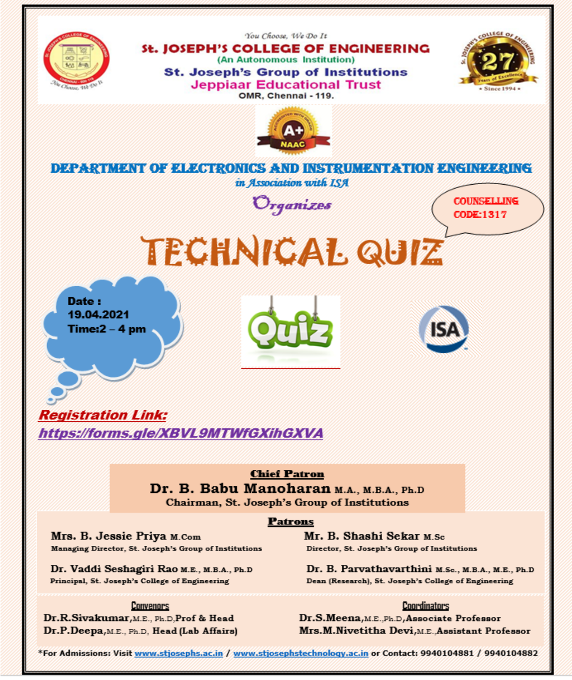
Patrons:
Dr.B.Babu Manoharan M.A, M.B.A, Ph.D
Chairman
St.Joseph's Group Of Institutions
Mrs.S.Jessie Priya M.Com
Managing Director
Mr.B.Shashi Sekar M.Sc.,Intl. Business
Director
Dr.Vaddi Seshagiri Rao M.E., MBA, Phd
Principal
Dr.B.Parvathavarthini M.E., Ph.D
Dean (Research)

The winners are from both the department of EIE and ICE. The winners are awarded with a certificate. The Winners are

Sl. No.	NAME OF THE STUDENTS	YEAR & DEPT.	POSITION
1.	S.Agnes	II EIE	I
2.	Varsha Varghese Deepti V	II EIE	II
3.	Subash S	II ICE	III

Some of the photographs are

8.TECHNICAL QUIZ:



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(An Autonomous Institution)
St. Joseph's Group of Institutions
Jeppiaar Educational Trust
OMR, Chennai - 119.

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING
in Association with ISA
Organizes

COUNSELLING CODE:1317

TECHNICAL QUIZ

Date : 19.04.2021
Time:2 – 4 pm

Registration Link:
https://forms.gle/XBVL9MTWfGXihGXVA

Chief Patron
Dr. B. Babu Manoharan M.A., M.B.A., Ph.D
Chairman, St. Joseph's Group of Institutions

Patrons
Mrs. B. Jessie Priya M.Com
Managing Director, St. Joseph's Group of Institutions
Mr. B. Shashi Sekar M.Sc
Director, St. Joseph's Group of Institutions
Dr. Vaddi Seshagiri Rao M.E., M.B.A., Ph.D
Principal, St. Joseph's College of Engineering
Dr. B. Parvathavarthini M.Sc., M.B.A., M.E., Ph.D
Dean (Research), St. Joseph's College of Engineering

Convenors
Dr.R.Sivakumar,M.E., Ph.D,Prof & Head
Dr.P.Deepa,M.E., Ph.D, Head (Lab Affairs)

Coordinators
Dr.S.Meena,M.E.,Ph.D,Associate Professor
Mrs.M.Nivetitha Devi,M.E.,Assistant Professor

*For Admissions: Visit www.stjosephs.ac.in / www.stjosephstechnology.ac.in or Contact: 9940104881 / 9940104882

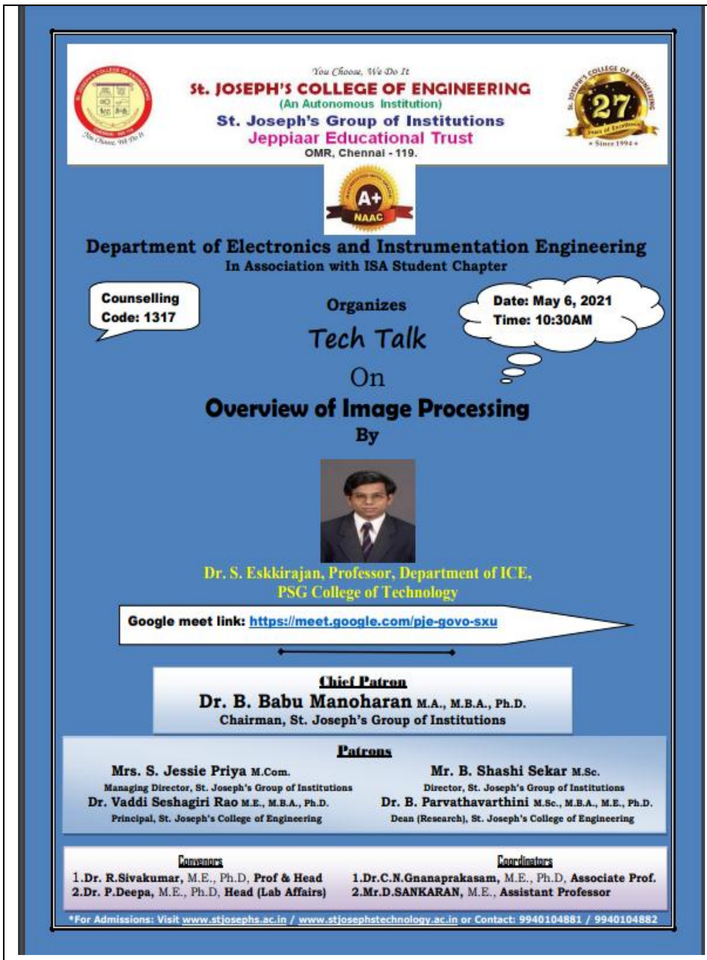
The event **Technical Quiz** was conducted on 19.04.2021. This event was mainly focussed horn technical skills of students in the department of EIE & ICE. This event is basically a quiz type. Number of students participated in this event were 75. The staff in in-charge were Dr.S.Meena (EIE) & Mrs M.Nivetitha Devi.

The participants were encouraged to participate individually. 25 Questions were given to each team. Each question carries 1 point and the individual with maximum points were declared as winners.

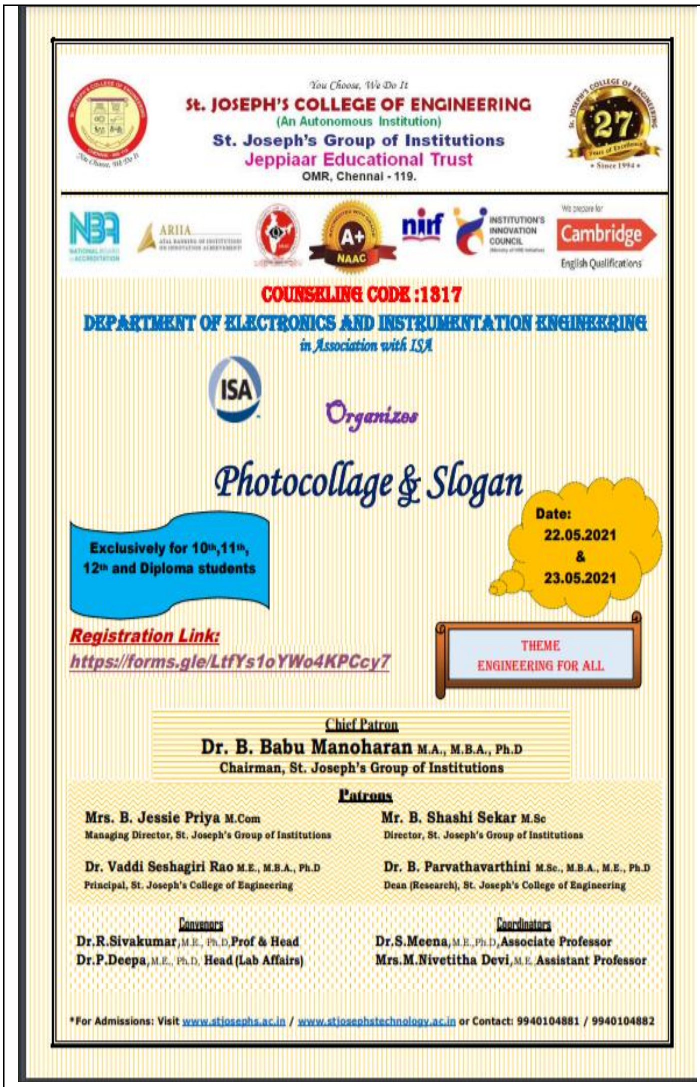
The winners are

Name:	Dept:	Year:	Position
K.SANJAY	**EIE**	**II**	**I**
MADHESHWARAN	**ICE**	**IV**	**I**
DHANUSH ADITHYAA.S	**EIE**	**III**	**I**
KAMALESH NATH	**EIE**	**III**	**I**
P. VISHNUHARAN	**EIE**	**II**	**I**
JASHWANTH S	**EIE**	**III**	**I**
HARI VIGNESH SARAVANAN	**EIE**	**III**	**I**
S.NITHISH KUMAR	**EIE**	**III**	**I**
S VISHVA RAGUL	EIE	III	II
SURENDIRAN M	ICE	II	II
VASHCINI JS	EIE	II	II
VASANTH KUMAR K	EIE	III	II
MADHU MATHI M.K	EIE	III	II
PAVITHRA T	EIE	III	II
K.GOWSIC	**EIE**	**II**	**III**
HARISH KUMAR S	**ICE**	**IV**	**III**
SINDHU	**ICE**	**III**	**III**
SUBASH	**ICE**	**II**	**III**
ASHWIN T	**EIE**	**III**	**III**
ALBERT EDISON S	**EIE**	**III**	**III**

9. OVERVIEW OF IMAGE PROCESSING:

 *You Choose, We Do It* **St. JOSEPH'S COLLEGE OF ENGINEERING** (An Autonomous Institution) **St. Joseph's Group of Institutions** Jeppiaar Educational Trust OMR, Chennai - 119. **Department of Electronics and Instrumentation Engineering** **In Association with ISA Student Chapter** **Counselling Code: 1317** **Organizes** Tech Talk On **Overview of Image Processing** **By** Dr. S. Eskkirajan, Professor, Department of ICE, PSG College of Technology **Date: May 6, 2021** **Time: 10:30AM** **Google meet link:** https://meet.google.com/pje-govo-sxu **Chief Patron** **Dr. B. Babu Manoharan** M.A., M.B.A., Ph.D. **Chairman, St. Joseph's Group of Institutions** **Patrons** **Mrs. S. Jessie Priya** M.Com. Managing Director, St. Joseph's Group of Institutions **Mr. B. Shashi Sekar** M.Sc. Director, St. Joseph's Group of Institutions **Dr. Vaddi Seshagiri Rao** M.E., M.B.A., Ph.D. Principal, St. Joseph's College of Engineering **Dr. B. Parvathavarthini** M.Sc., M.B.A., M.E., Ph.D. Dean (Research), St. Joseph's College of Engineering **Convenors** 1.**Dr. R.Sivakumar,** M.E., Ph.D, **Prof & Head** 2.**Dr. P.Deepa,** M.E., Ph.D, **Head (Lab Affairs)** **Coordinators** 1.**Dr.C.N.Gnanaprakasam,** M.E., Ph.D, **Associate Prof.** 2.**Mr.D.SANKARAN,** M.E., **Assistant Professor** *For Admissions: Visit www.stjosephs.ac.in / www.stjosephstechnology.ac.in or Contact: 9940104881 / 9940104882	Tech talk webinar event was conducted by our department in association with ISA for II, III and IV year students on 06-05-2021, between 10:30am and 11:30am and it was delivered by Dr. S. Eskkirajan, Professor, Department of ICE,PSG College of Technology, Coimbatore.Session was more interactive and informative to students. They have got basic knowledge and an overview about image processing and its applications. It is believed that the basic knowledge they acquired would be very useful durig their project work tenure. Also this seminar would be an eye opener for the students who want to pursue their career in Image Processing. Around 200 participant attended total in Google meet link and you tube live. Very Good feedback received regarding this event.

10. SLOGAN WRITING AND PHOTOGRAPHY



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OMR, Chennai - 119.

COUNSELING CODE :1817

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING
in Association with ISA

Organizes

Photocollage & Slogan

Exclusively for 10th,11th, 12th and Diploma students

Date:
22.05.2021
&
23.05.2021

Registration Link:
https://forms.gle/LtfYs1oYWo4KPCcy7

THEME
ENGINEERING FOR ALL

Chief Patron
Dr. B. Babu Manoharan M.A., M.B.A., Ph.D
Chairman, St. Joseph's Group of Institutions

Patrons

Mrs. B. Jessie Priya M.Com
Managing Director, St. Joseph's Group of Institutions

Mr. B. Shashi Sekar M.Sc
Director, St. Joseph's Group of Institutions

Dr. Vaddi Seshagiri Rao M.E., M.B.A., Ph.D
Principal, St. Joseph's College of Engineering

Dr. B. Parvathavarthini M.Sc., M.B.A., M.E., Ph.D
Dean (Research), St. Joseph's College of Engineering

Convenors
Dr.R.Sivakumar,M.E., Ph.D,**Prof & Head**
Dr.P.Deepa,M.E., Ph.D, **Head (Lab Affairs)**

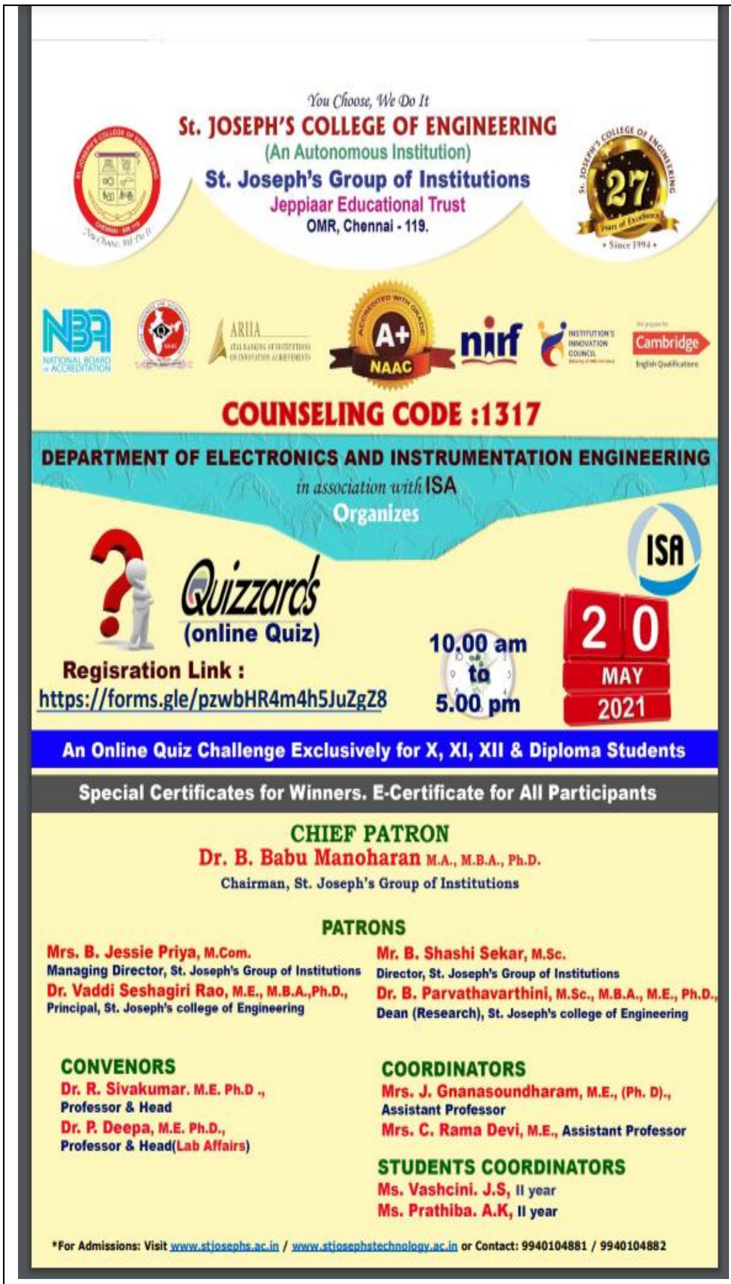
Coordinators
Dr.S.Meena,M.E.,Ph.D,**Associate Professor**
Mrs.M.Nivetitha Devi,M.E.,**Assistant Professor**

*For Admissions: Visit www.stjosephs.ac.in / www.stjosephstechnology.ac.in or Contact: 9940104881 / 9940104882

The event photocollage and slogan contest was held on 22/5/2021 and 23/5/2021 for school students and diploma holders to create an awareness about engineering. The students had been asked to upload a photograph or slogan about the theme:" Engineering for ALL". The number of participants for each event is almost 25 and the number of schools participated is 10. The participants are provided with E-Certificated and the winners are provided with Appreciation Certificate. The Winners are

1. V.Sachin - +1 from Modern Senior Secondary School,Chennai
2. Jayatharshika K – 10 th Std from Sri Vijay Vidyalaya Mat. School.
3. Lokesh Aravind – 12 th std from Alwim Memorial Public School.

11. TECHNICAL QUIZ:



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(An Autonomous Institution)

St. Joseph's Group of Institutions

Jeppiaar Educational Trust

OMR, Chennai - 119.

COUNSELING CODE :1317

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

in association with ISA

Organizes

Quizzards

(online Quiz)

Regisration Link : https://forms.gle/pzwbHR4m4h5JuZgZ8

10.00 am to 5.00 pm

20 MAY 2021

An Online Quiz Challenge Exclusively for X, XI, XII & Diploma Students

Special Certificates for Winners. E-Certificate for All Participants

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Ms. Prathiba. A.K, II year

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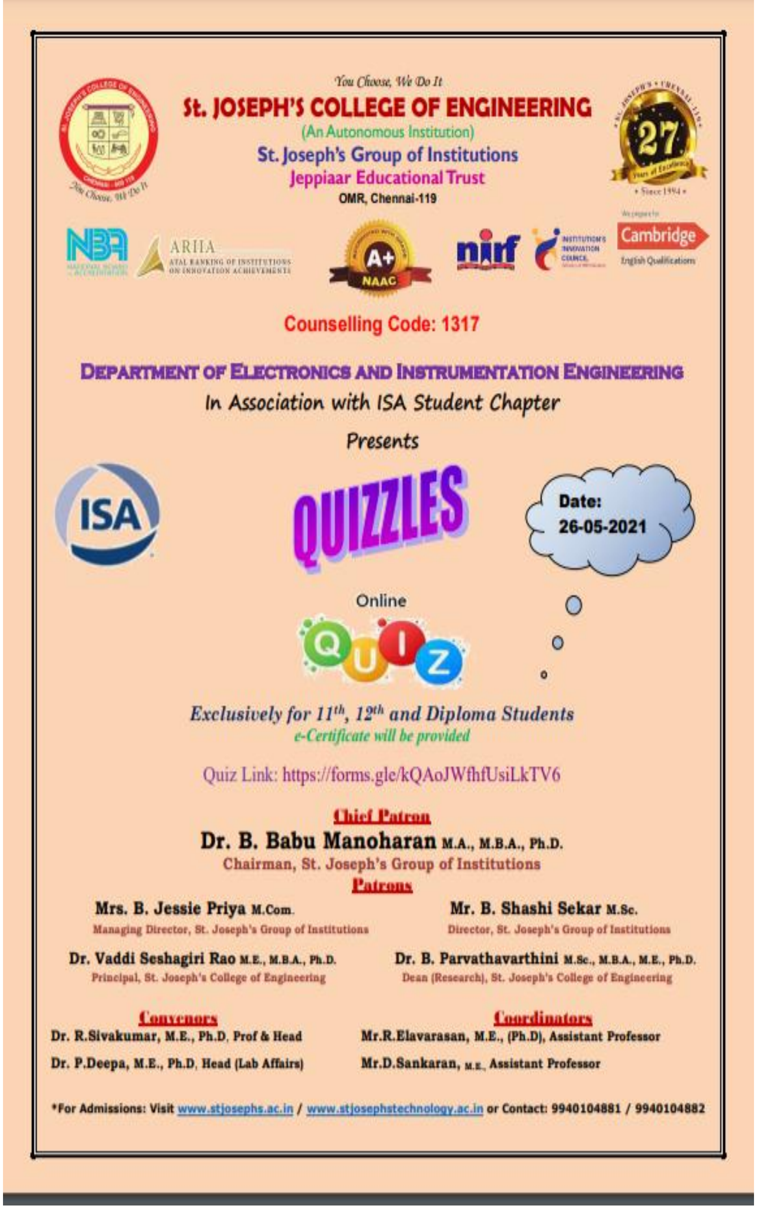
National level Quiz school event on the topic "QUIZZARDS" was conducted by our department in association with ISA for class 10 th , 11 th , 12 th and diploma students from on 20-05-2021. This Quiz drew participants from various states of our country. Altogether 50 participants got benefitted by this program.The number of schools that has been participated are 12..

E-Certificates were mailed to all the participants, as anacknowledgement.

12. QUIZZLES:



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OMR, Chennai-119

Counselling Code: 1317

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

In Association with ISA Student Chapter

Presents

QUIZZLES

Date:
26-05-2021

Online

QUIZ

Exclusively for 11th, 12th and Diploma Students

e-Certificate will be provided

Quiz Link: https://forms.gle/kQAoJWfhfUsiLkTV6

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Coordinators

Mr.R.Elavarasan, M.E., (Ph.D), Assistant Professor
Mr.D.Sankaran, M.E., Assistant Professor

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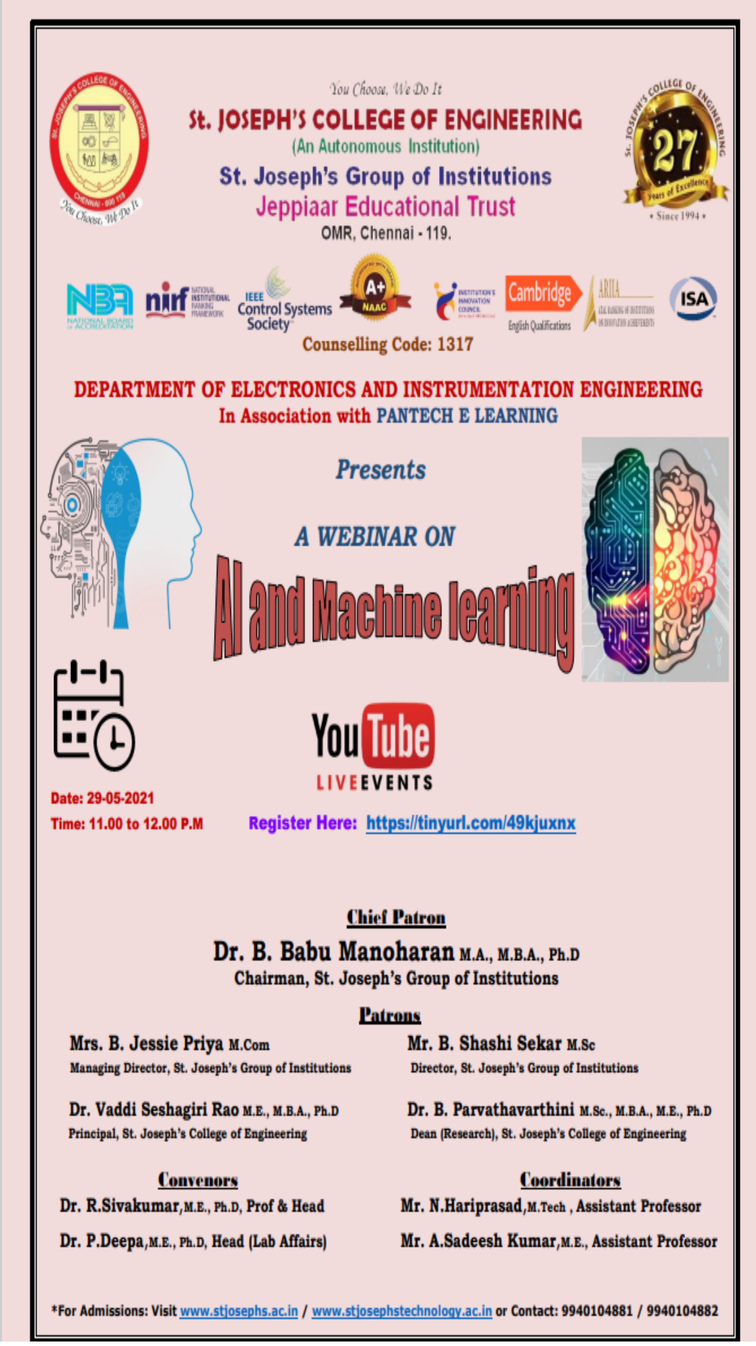
National level Quiz school event on the topic "QUIZZLES" was conducted by our department in association with ISA for class 10 th , 11 th , 12 th and diploma students from on 26-05-2021. This Quiz drew participants from various states of our country. Altogether 60 participants got benefitted by this program.The number of schools that has been participated are 10.

E-Certificates were mailed to all the participants, as anacknowledgement.

13.WEBINAR ON AI AND MACHINE LEARNING:



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DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING
In Association with PANTECH E LEARNING

Presents

A WEBINAR ON

AI and Machine learning

You Tube
LIVE EVENTS

Date: 29-05-2021
Time: 11.00 to 12.00 P.M

Register Here: https://tinyurl.com/49kjuxnx

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Coordinators

Mr. N.Hariprasad, M.Tech , Assistant Professor
Mr. A.Sadeesh Kumar, M.E., Assistant Professor

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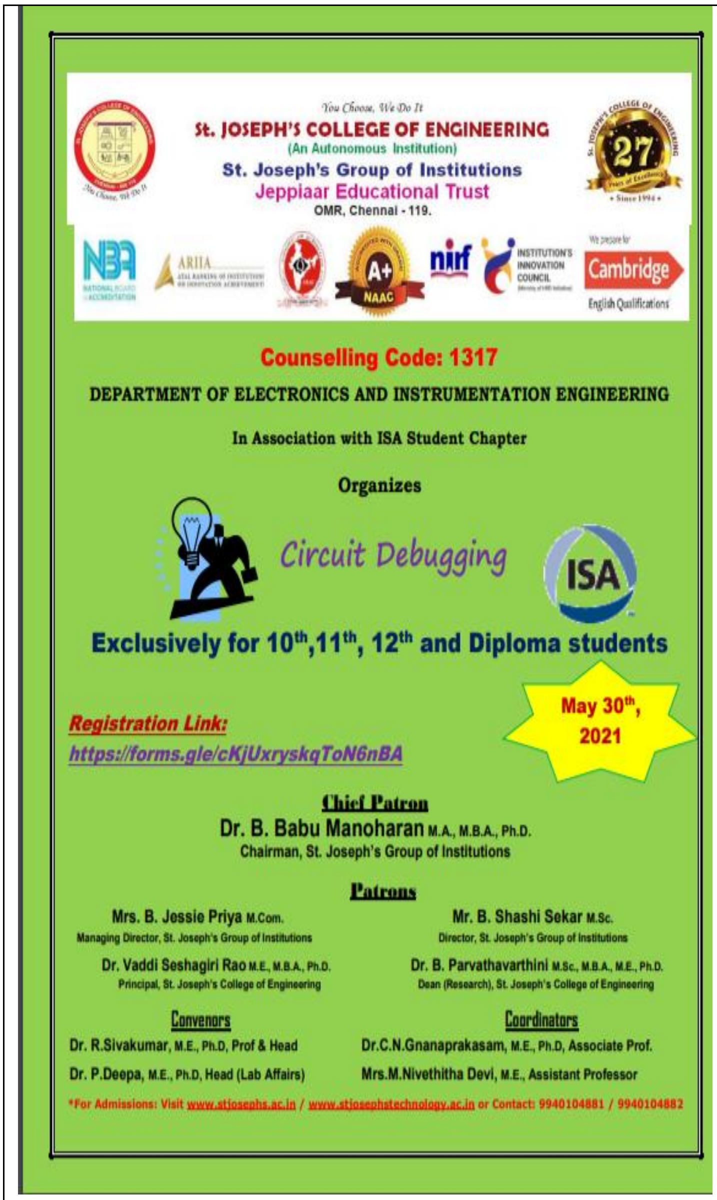
Hands on webinar event was conducted by our department for II, III and IV year students on 29-05-2021, between 4:00 pm to 05:30 pm. Session was more interactive and very useful to students. They got more confidante about image processing. They can quickly gather about image processing relevant topic after attending the Tech talk event. Live python coding was done with students based on open source tools. Student found the too interactive and were made to run few demos of image processing algorithms. This basic knowledge will be very useful to implement in their project work and paper writing in future. Around 80 participant attended total in Google meet link. Very Good feedback received regarding this event.

14.CIRCUIT DEBUGGING:



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DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

In Association with ISA Student Chapter

Organizes

Circuit Debugging

Exclusively for 10th,11th, 12th and Diploma students

May 30th, 2021

Registration Link:
https://forms.gle/cKjUxryskqToN6nBA

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Dr. P.Deepa, M.E., Ph.D, Head (Lab Affairs)

Coordinators

Dr.C.N.Gnanaprakasam, M.E., Ph.D, Associate Prof.
Mrs.M.Nivethitha Devi, M.E., Assistant Professor

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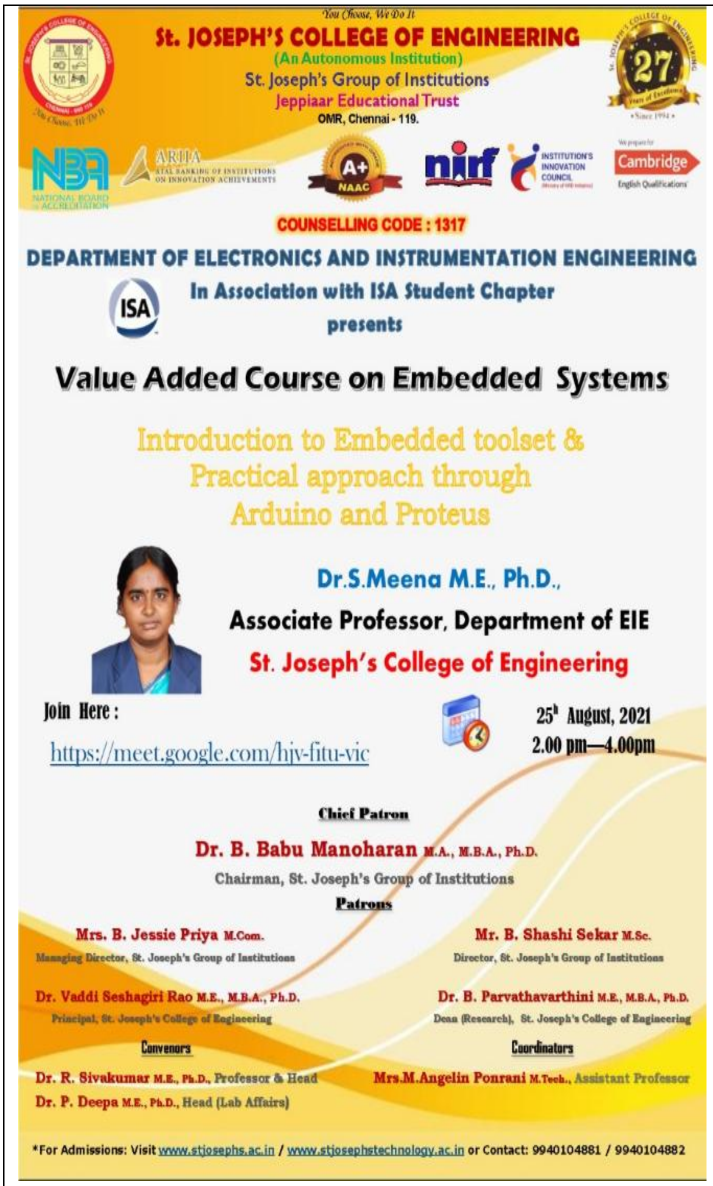
The Department of Electronics and Instrumentation Engineering organized a school event on “Circuit Debugging” exclusively for 10th, 11th,12th and diploma students, conducted on May 30th 2021. Participants are very much interested to attend the circuit debugging event. E-Certificates were mailed to all the participants, as an acknowledgement.

15. Report on Value Added Course:



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DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING
In Association with ISA Student Chapter
presents

Value Added Course on Embedded Systems

Introduction to Embedded toolset &
Practical approach through
Arduino and Proteus

Dr.S.Meena M.E., Ph.D.,
Associate Professor, Department of EIE
St. Joseph's College of Engineering

Join Here :
https://meet.google.com/hjv-fitu-vic

25th August, 2021
2.00 pm—4.00pm

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Chairman, St. Joseph's Group of Institutions

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Mrs. B. Jessie Priya M.Com.
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Coordinators
Mrs.M.Angelin Ponrani M.Tech., Assistant Professor

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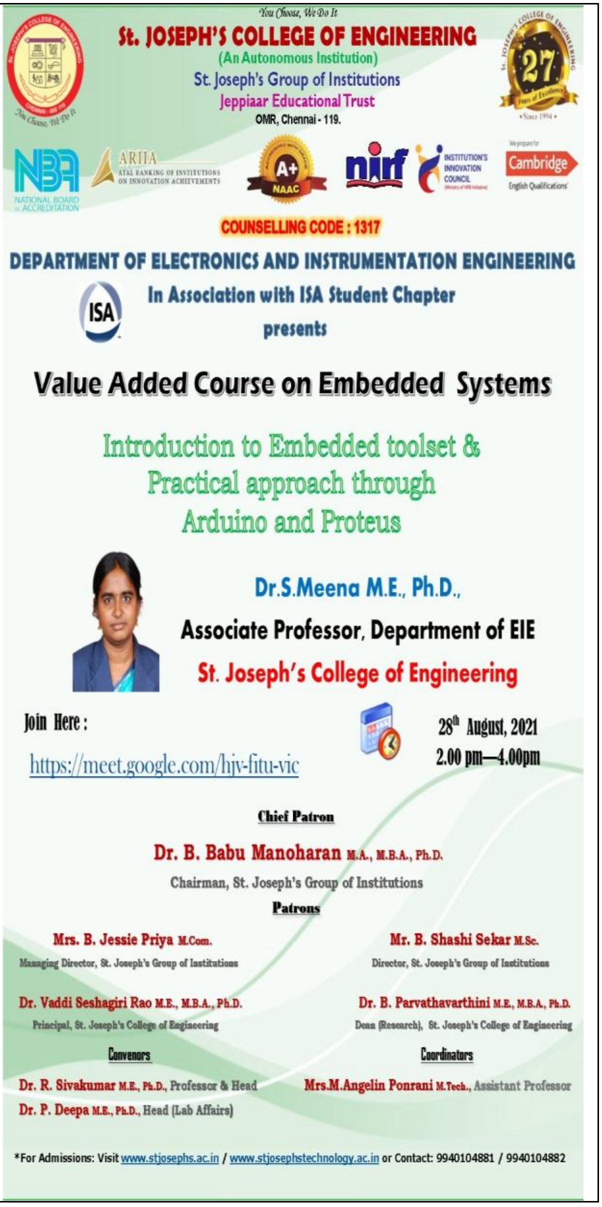

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presents

Value Added Course on Embedded Systems

Introduction to Embedded toolset &
Practical approach through
Arduino and Proteus

Dr.S.Meena M.E., Ph.D.,
Associate Professor, Department of EIE
St. Joseph's College of Engineering

Join Here :
https://meet.google.com/hjv-fitu-vic

28th August, 2021
2.00 pm—4.00pm

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Chairman, St. Joseph's Group of Institutions

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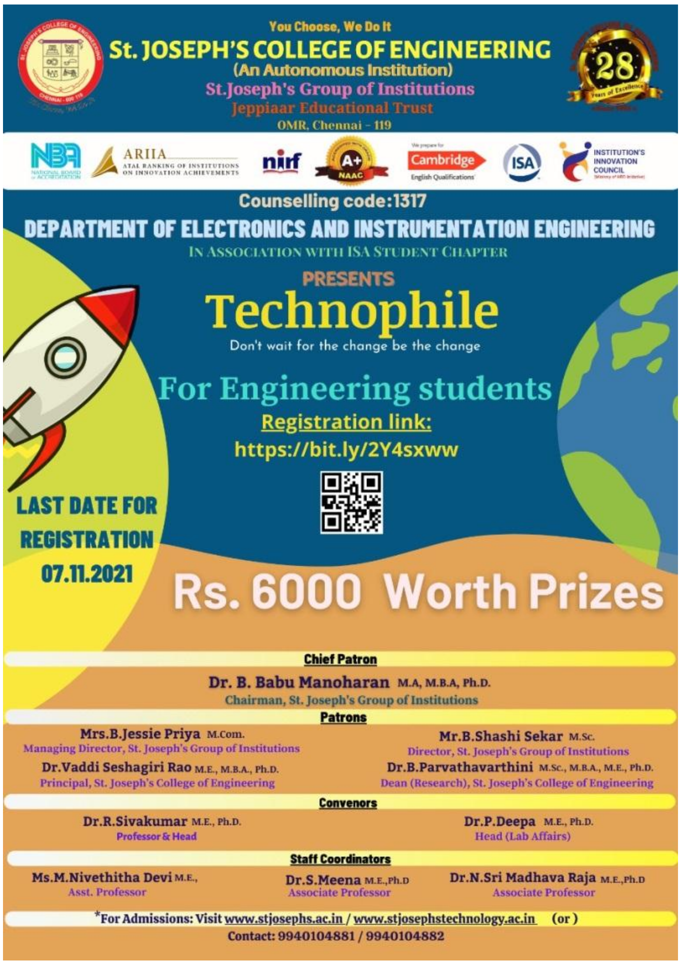
Value added course on Embedded systems titled " **Introduction to embedded toolset & Practical Approach through Arduino and Proteus**" had been conducted for III Yr EIE students on 25th and 30th of August 2021 from 2 pm to 4 pm. Around 20 students had attended the session. The topics that were discussed in the 1st session were how digital inputs and analog inputs are read in Arduino and how digital and analog outputs are interpreted in Arduino. In the second session various Motor Controls like DC, Stepper and servo control were discussed. All the experiments were tailor-made and all were implemented in Proteus so that the students can view it as if a real time project. The students find it useful for their mini projects and it is beyond doubt that the workshop is a stepping stone for the student's final project.

TECHNOPHILE:

The students who participated in the event dated 20.11.2021 were asked to submit the ppt of their idea. They came up with really interesting ideas and explained the purpose of their idea in the Google meet.



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IN ASSOCIATION WITH ISA STUDENT CHAPTER

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Technophile

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For Engineering students

Registration link:

https://bit.ly/2Y4sxww

LAST DATE FOR REGISTRATION 07.11.2021

Rs. 6000 Worth Prizes

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Dr.P.Deepa M.E., Ph.D.
Head (Lab Affairs)

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Asst. Professor

Dr.S.Meena M.E.,Ph.D
Associate Professor

Dr.N.Sri Madhava Raja M.E.,Ph.D
Associate Professor

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Contact: 9940104881 / 9940104882

INTRODUCTION:

Being a part of the ISA South India Section, the Electronics and Instrumentation department of St.Joseph's College of Engineering has currently 20 members from the 3rd year. The ISA Student Charter from the department of EIE organized this event on 20/11/2021. The event was held by online mode. The participant should demonstrate their innovative ideas with ppt on the meeting on the given topics.

ISA CHAPTER EVENT:

The students who participated in this event were asked to submit the ppt of their idea. They came up with really interesting ideas and explained the purpose of their idea in the Google meet.

The event comprised of three rounds. The first round was abstract of their idea. In the second round, students has to submit their ppt of their idea, Based on their idea, 10 teams were qualified for the third round. In the third round they have to demonstrate their ideas with ppt on the meeting on the following topics:

1) A technology for the immediate rescue or help for women in trouble

2) A technology to efficiently manage coal or an alternate energy source for the power crisis

3) Waste Management using new technology to dilute the accumulation of wastes and neutralization of odour

4) Smart agriculture to involve youngsters

5) Disaster management using IoT

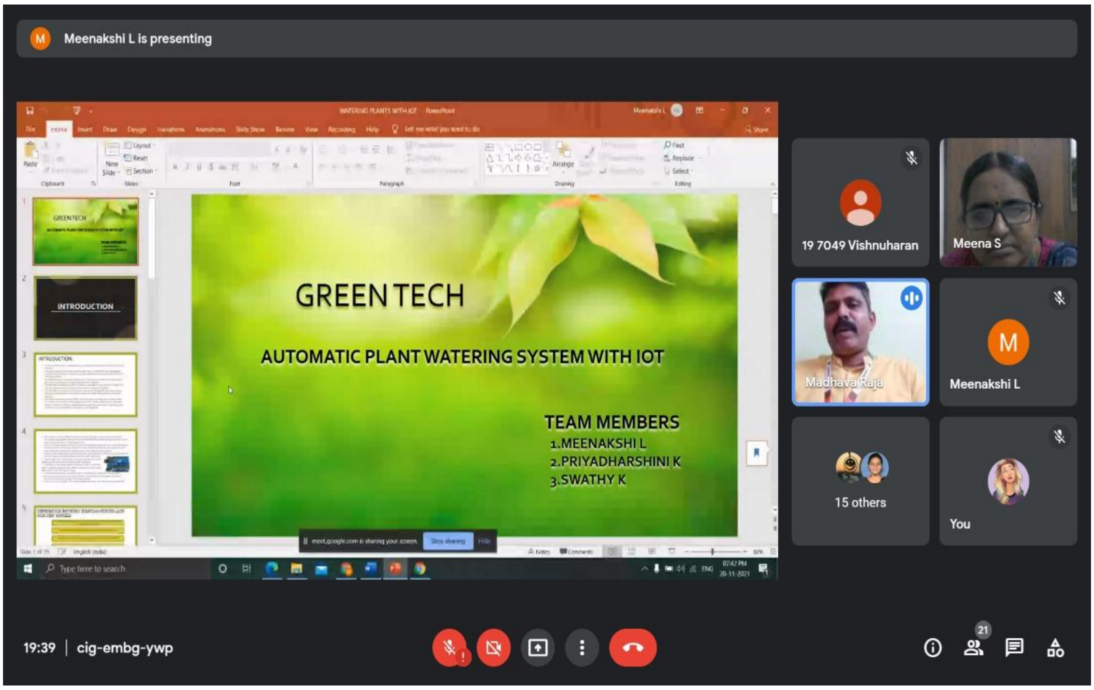
The colleges from which student participated were:

- Srm Trp Engineering College
- Sri Krishna College Of Technology
- Anna University Regional Campus Coimbatore
- Saveetha Engineering College
- Sri Sairam Institute Of Technology
- Meenakshi College Of Engineering
- Agricultural College And Research Institute Eachankotta
- Hindusthan College Of Engineering And Technology

Those who performed well with their innovative idea are awarded with the cash prize and an e-certificate. The below table will show the results of this event. The judges for this event were: Dr. S. Meena and Dr. N. Madhava Raja

POSITION NO.	NAME	COLLEGE	ABSTRACT OF THEIR IDEA	CASH PRIZE
I	L MEENAKSHI PRIYADHARSHINI K SWATHY K	SRI SAIRAM INSTITUTE OF TECHNOLOGY - Chennai	SMART AGRICULTURE TO INVOLVE YOUNGSTERS- WATERING PLANTS WITH IOT	Rs.3000
II	DHANYAA.N KAVIYANJALI.V	SRI KRISHNA COLLEGE OF TECHNOLOGY - COIMBATORE	ELECTRIC VEHICLES HAVE A CAPABILITY OF REPLACING FUEL CARS IN THE TRANSPORTATION SECTOR.	Rs.2000
III	ABISHEK S SHYAM SUNDAR S SATHISHKUMAR K	ANNA UNIVERSITY REGIONAL CAMPUS COIMBATORE	DISASTER MANAGEMENT IN IOT	Rs.1000

SCREENSHOT OF THE EVENT :



Meenakshi L is presenting

GREEN TECH

AUTOMATIC PLANT WATERING SYSTEM WITH IOT

TEAM MEMBERS
1.MEENAKSHI L
2.PRIYADHARSHINI K
3.SWATHY K

19:39 | cig-embg-ywp