DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
SHANMUGANATHAN ENGINEERING COLLEGE
ARASAMPATTI – 622 507
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Activity – Report

Name of Activity	: **Internal Guest Lecture**
Title of the Lecture	: **Advanced pipelining and parallelism for Computer Architecture**
Name of the Resource Person	: Mr.V.Ilayaraja
Designation and Address	: Assistant Professor
	Department of Computer Science and Engineering
	Shanmuganathan Engineering College, Arasampatti.
Date	: 03.06.2022
Target Audience	: All CSE students
Number of Students / Staff	: 102 / 8
Venue	: Lab III

Summary of the Lecture

:

Mr.V.Ilayaraja gave a Lecture on "Advanced Computer architecture" and basic introduction about computer architecture. He gave a clear Idea of what is computer architecture, It enables one to understand Processor and control unit.

He discussed the importance of computer architecture. He then explained about the parallelism and concept of speculation, static multiple issue. He illustrated the different types of SIMD and MIMD architecture. Finally he ended up the session with providing more information on practical applications of computer architecture and its importance deals with organization, architecture and the use of the newest general micro processors and the latest research developments in computer architecture.
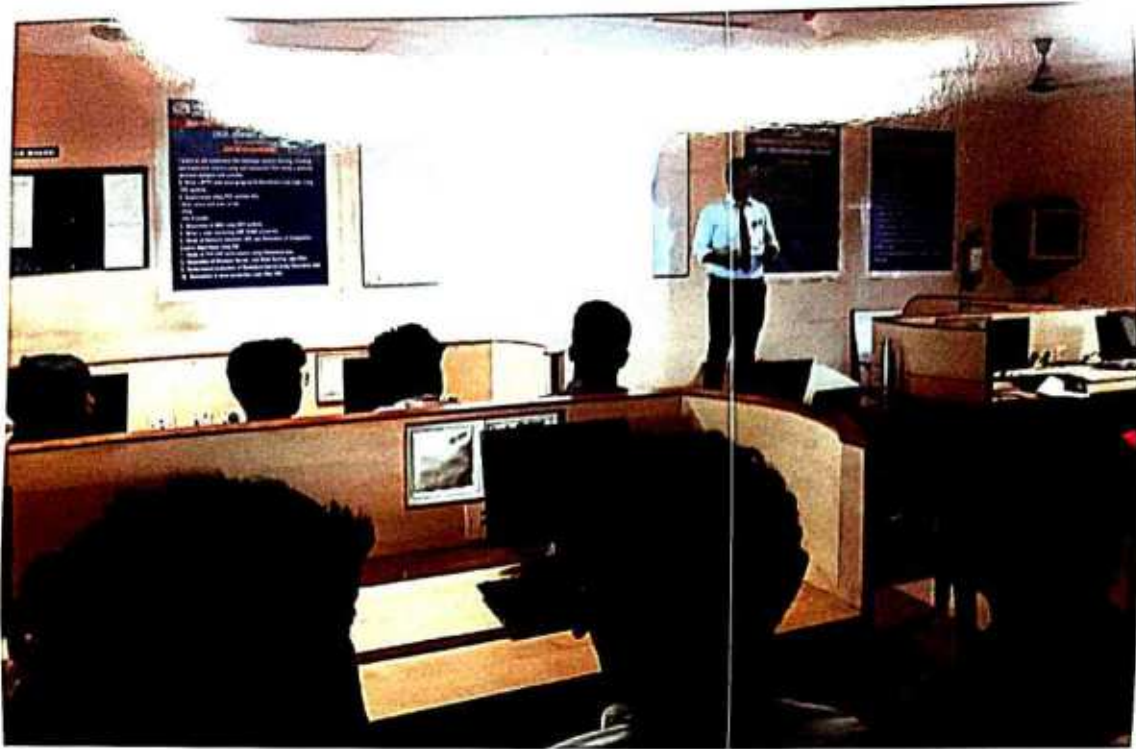
Internal Guest Lecture : Mr.V.Ilayaraja AP/ CSE explained about Advanced Computer
Architecture

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Activity – Report (EVEN SEM 2021-2022)

Name of Activity	: National Level Technical Symposium
Title of the Event	: Technopedia'22
Chief Guest	: Dr.M.Sridevi, M.E.,Ph.D.,
Designation and Address	: Assistant Professor, Department of Computer Science And Engineering, National Institute of Technology, Trichy.
Date	: 01.06.2022
Target Audience	: All CSE students & Other College Participants.
Number of Students/staff	: 105 /08
Students Participants from other college	: 108
Venue	: Auditorium & Seminar hall (Room No.106)

Summary of the Events :

A National Level Technical Symposium TECHNOPEDIA '2022 was held on 01.06.2022(Wednesday) Organized by Department of Computer Science And Engineering. Mrs.R.Kavitha, Head of the department Welcomed the gathering and felicitates the Chief guest with Shawl and Memento.

Ms.S.Brundha, Final cse, President of BOYCE Association introduced the Chief guest.

DR.M.Sridevi,M.E.,Ph.D., Assistant Professor, Department of Computer Science And Engineering, National Institute of Technology, Trichy, Presided over the function. The Chief guest motivated the students by precious words. She insisted the students to develop their technical skills what they need. She also appreciated the students for organizing the various events in the technical symposium.

There were 7 events in total, 4 technical and 3 non technical events. Totally 108 students have registered for various events from 13 various colleges.

The prizes were distributed to the winners and runners of various Technical and Non technical events during valedictory ceremony.

Ms.G.Cinthamani, Final cse, Secretary of BOYCE Association delivered the Vote of thanks.

Event wise participation

1. Thought presenter – 58 students participated

2. Master Minds – 60 students participated

3. Clear the Red – 48 students participated

4. Catch the flag – 8 students participated

5. Jollywood – 20 students participated

6. How do I tell You – 33 students participated

7. Spot your plot – 8 students participated

Head of the department : Mrs.R.Kavitha, , Department of Computer Science And Engineering

Chief guest :DR.M.Sridevi,M.E.,Ph.D., Assistant Professor, Department of Computer Science And Engineering, National Institute of Technology, Trichy.

Technopedia'22 coordinator : Mrs.R.Divya Sopna, Assistant Professor, Department of Computer Science And Engineering.

President of BOYCE Association : Ms. S.Brundha, FINAL CSE.

Mrs.R.Kavitha, Head of the department felicitates the Chief guest with Shawl and Memento

DR.M.Sridevi,M.E.,Ph.D., Assistant Professor, Department of Computer Science And Engineering, NIT, Trichy. She motivated the students by precious words.

Valedictory Ceremony of Technopedia'22

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Activity – Report

Name of Activity	: **External Guest Lecture**
Title of the Lecture	: **Virtual Reality Technology**
Name of the Resource Person	: **Dr.M.Sridevi, M.E.,Ph.D.,**
Designation and Address	: Assistant Professor,
	Department of Computer Science And Engineering,
	National Institute of Technology, Trichy.
Date	: 01.06.2022
Target Audience	: All CSE students
Number of Students / Staff	: 102 / 8
Venue	: Auditorium
Summary of the Lecture	:

Dr.M.Sridevi, M.E.,Ph.D., gave a Lecture on **"Virtual Reality Technology"** and basic introduction about image processing. She gave a clear Idea about the technologies used image processing.

She discussed the importance of virtual reality technolgy. She then explained about the generated environmentwith scenes and objects that appear to be real,making the user feel they are immersed in their surroundings. Finally she ended up the session with providing more information on practical applications of image processing and the latest research developments in augmented reality. She explained the differences between all the reality technology.

The major topics covered in the seminar was "virtual reality, augmented reality, Implanted reality".

Chief guest :DR.M.Sridevi,M.E.,Ph.D., Assistant Professor, Department of Computer Science And Engineering, National Institute of Technology, Trichy.

Name of the Activity : Technical Seminar by III CSE.

Details of Seminar:

S.NO	YEAR/SEMESTER	NAME OF THE STUDENTS	TITLE
1	III/VI	Mr. M.MuthuKumar Mr. R.Selvendran	ADVANCED APPLICATIONS OF ARTIFICIAL INTELLIGENCE
2	III /VI	Mr. R.Tamilmurasu Mr. M.Suryakumar	MECHANISMS AND ALGORITHMS USED IN INFORMATION SECURITY
3	III /VI	Ms S.Dhanam Ms T.Valarmathi	CREATING STYLE SHEETS IN WEB DEVELOPMENT

Date : 20.05.2022
Target Audience : All CSE students
Venue : Room No: 403

Summary of the Technical Seminar:

The Technical Seminar contest was organized under BOYCE Association Activity. There were three topics presented. Presentation was very innovative and students learned about their topics were presented. Clarified their queries about the presentation topics.

The first topic presented was **"ADVANCED APPLICATIONS OF ARTIFICIAL INTELLIGENCE"** by third year students "Mr. M.MuthuKumar & Mr. R.Selvendran".They elaborated the advanced applications of artificial intelligence. They discussed about the dataset used for artificial intelligence. They also explained about the various applications used in artificial intelligence in various fields. Artificial intelligence used for Marketing, Banking, Finance, Agriculture,Chatbots etc.,In Banking .AI has developed an AI-Based chatbot called EVA.


Mr. M.MuthuKumar & Mr. R.Selvendran, III Year CSE ,Technical Seminar on "advanced applications of artificial inteelligence"

The second topic presented was **"MECHANISMS AND ALGORITHMS USED IN INFORMATION SECURITY"** by third Year students Mr. R.Tamilmurasu & Mr. M.Suryakumar. They explained about the mechanisms used in information security. They also briefs the students about various methods used in information security. Security mechanisms deals with hiding of data which helps data to become more confidential.

Mr. R.Tamilmurasu & Mr. M.Suryakumar. , III CSE, Technical Seminar on "mechanisms and algorithms used in information security

The third topic presented was "CREATING STYLE SHEETS IN WEB DEVELOPMENT" by third Year students Ms S.Dhanam & Ms T.Valarmathi. They explained about the html tags and their functions. For the web development some of the languages were used html 5,CSS AND JAVASCRIPT. Style sheets were explained with their methodologies and functions to be used. For the web development various style sheets used. Types of style sheets are explained briefly.
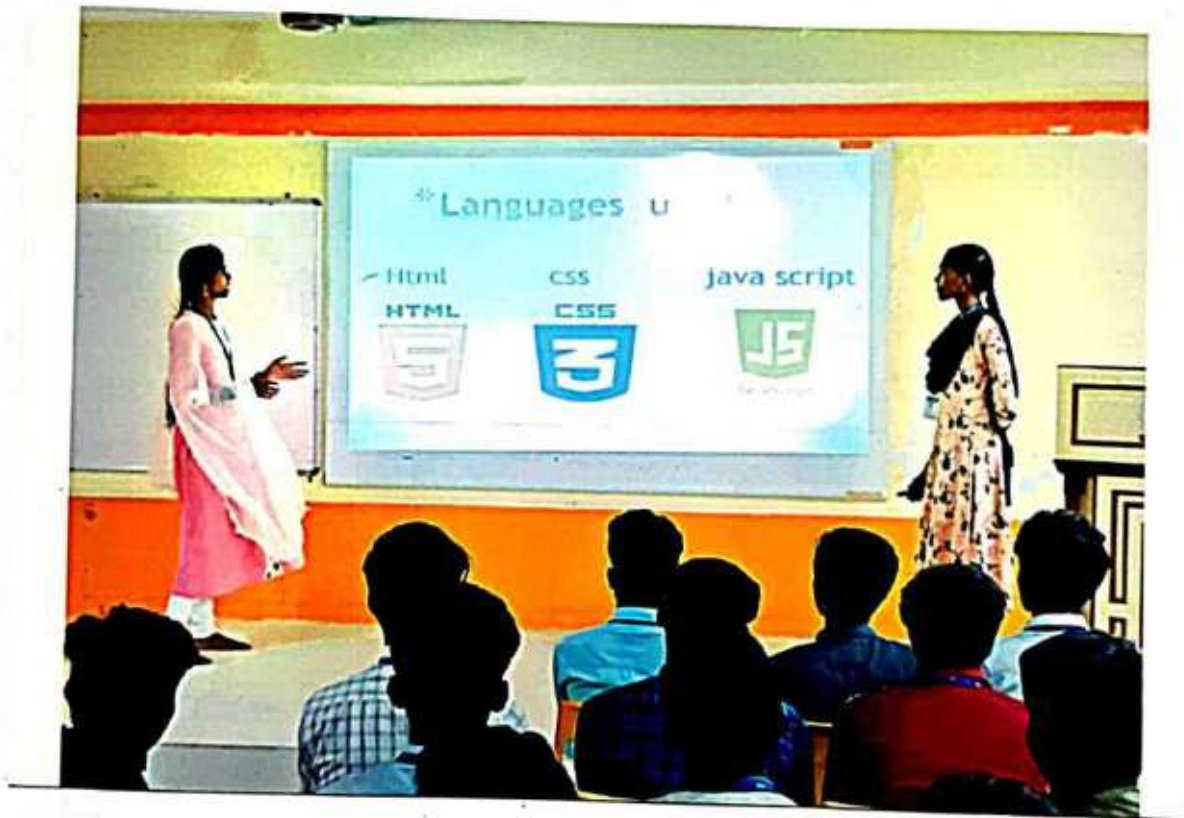
. Ms S.Dhanam & Ms T.Valarmathi., III CSE, Technical Seminar on "Creating style sheets in web development"

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Activity – Report

Name of Activity	: Workshop
Title of the Workshop	: AWS
Name of the Resource Person	: Dr. T. Avudaiappan
Designation and Address	: Senior Consultant
	AWS Certified Solution Architect
	PANTECH E-Learning, Thiruchirapalli
Date	: 16.05.2022
Target Audience	: Third Year CSE students
Number of Students	: 32
Venue	: Computer Science Lab II
Summary of the Workshop	:

The resource person Dr. T. Avudaiappan explained the basics and importance about Amazon Web Services.

The resource person demonstrated about AWS, Cloud concepts and global infrastructure of cloud computing. He also covered the following concepts types of cloud computing, EC2 Instance, Elastic Load Balance, Messaging and Queuing, Volume, snap shot and AMI.

The third year students utilized the Workshop and they build their AWS cloud knowledge by learning AWS Cloud concepts, to provide services and architecture by AWS and to provide security for the cloud.

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ARASAMPATTI-622 507 , THIRUMAYAM (TALUK), PUDHUKKOTTAI(DISTRICT)

Internal Quality Assurance Cell (IQAC)
and
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

JOINTLY PRESENTS

workshop on
"AWS"
for III Year CSE Students

Resource Person

Dr. T. AVUDAIAPPAN
Senior consultant
AWS Certified Solution Architect
PANTECH E-Learning, Thiruchirapalli

Date : 16.05.2022
From 9.30 AM to 4.20 PM

A BOYCE ASSOCIATION ACTIVITY

Workshop on "AWS"

Workshop on "AWS" by Dr. T. Avudaiappan

Workshop on "AWS" for third year CSE students

Workshop on "AWS" for third year CSE students

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Name of the Activity : Technical Seminar by II CSE Students.

Details of Seminar:

S.NO	YEAR/ SEM	NAME OF THE STUDENTS	TITLE
1	II/IV	Mr. G. Vishnurithan, Mr. N. Aravind	CRYPTO CURRENCY AND BLOCK CHAIN
2	II/IV	Mr. M. NaveenKumar	BIG DATA ANALYTICS
3	II/IV	Ms. R. Veemikha,Ms. G. Ellakiya	HUMAN AUGMENTATION
4	II/IV	Ms. G.Indhumathi,Ms .V. Swathi	BLUE BRAIN

Date : 13.05.2022

Target Audience : All CSE students

Venue : Room No: 403

Summary of the Technical Seminar:

The Technical Seminar contest was organized under Association activity. There were four topics presented. The first topic presented was **"CRYPTOCURRENCY AND BLOCK CHAIN"** by second year students "Mr.G.Vishnurithan, and Mr.N.Aravind". They explained the invention and history of crypto currencies and were they are used. Digital currencies were used in this system and it has extreme growth .For security purpose Block Chain technology were used.

Mr.G.Vishnurithan, and Mr.N.Aravind".,II CSE, Technical Seminar on "crypto currency and block chain".

The second topic presented was **"BIG DATA ANALYTICS"** by second Year student Mr.M.Naveen kumar. He elaborates about Big data analytics . He explained about the history and characteristics of big data Analytics. He also briefs the students about V's methods of big data and also explained Hadoop framework and their models. Characteristics of Hadoop and their features were explained briefly.
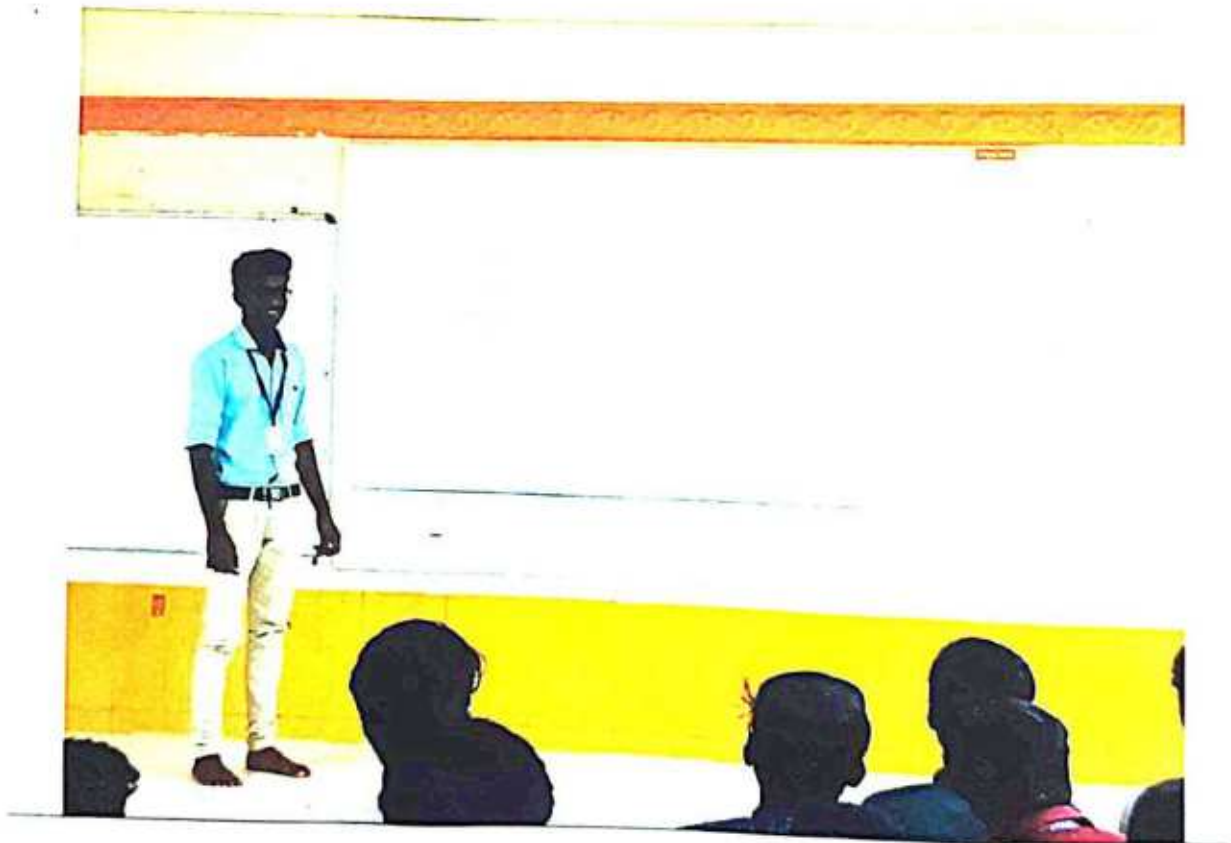
Mr.M.Naveen kumar ,II CSE, Technical Seminar on "big data analytics".

The third topic presented was **"HUMAN AUGMENTATION"** by second Year students Ms R.Veemikha, and Ms.G.Ellakiya They elaborates about Human Augmentation . They explained about the types of Human Augmentation. They also briefly elaborated the supplementing human activity with their enhancements to be followed. Real time application of human augmentation were explained with their pros and cons. Finally concluded with the innovations of Human Augmentation.

Ms R.Veemikha, and Ms.G.Ellakiya ,II CSE, Technical Seminar on "Human Augmentation".

The fourth topic presented was **"BLUE BRAIN"** by second year students Ms. G.Indhumathi, and Ms. V. Swathi. They briefly explained about the usuage of blue brain and their technologies used. Nano modes will be applied to he human body by using hyper syringe they stimulate the brain and it is done by micro robots. They finally concluded with thinking capacity will be alive minimum 10 years.

Ms.G.Indhumathi, & Ms.V.Swathi, II CSE, Technical Seminar on "Blue Brain".

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Activity – Report

Name of Activity	: Workshop
Title of the Workshop	: HTML and CSS
Name of the Resource Person	: Mr. J. Rajkumar
Designation and Address	: Senior Project Engineer
	PANTECH E-Learning, Thiruchirapalli
Date	: 06.05.2022
Target Audience	: Second Year CSE students
Number of Students	: 40
Venue	: Computer Science Lab II
Summary of the Workshop	:

The resource person Mr. J. Rajkumar explained the basics and importance about HTML and Cascading Style Sheets.

The resource person demonstrated the procedure to create webpages using HTML and CSS. He also explained how CSS is used to style the webpage contents. Then he demonstrated the decorative features in CSS

The second year students utilized the Workshop and they practiced all in one HTML/HTML5 and CSS/CSS3 suite. They also learnt to apply design to Wireframes with HTML. At the end of the workshop they can be able to build their own HTML5 Video Player, responsive websites with HTML5 and CSS3, HTML5 and CSS3 site design, Website Wire framing with HTML5 and CSS3.

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Internal Quality Assurance Cell (IQAC)
and
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

JOINTLY PRESENTS

workshop on
"HTML and CSS"
for II Year CSE Students

Resource Person

Mr.J.RAJKUMAR
Senior Project Engineer
PANTECH E-Learning, Thiruchirapalli

Date : 06.05.2022
From 9.30 AM to 4.20 PM

A BOYCE ASSOCIATION ACTIVITY

Workshop on "HTML and CSS"

Workshop on ""HTML and CSS" by Mr. J. Rajkumar

Workshop on ""HTML and CSS" for second year CSE students

Workshop on ""HTML and CSS" for second year CSE students

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Activity – Report

Name of Activity	: Webinar
Title of the Lecture	: Industrial Applications of NLP & Understanding
Name of the Resource Person	: Mr. J.Karthikeyan
Designation and Address	: Principal Data scientist AT & T -Telecommunications
Date	: 29.04.2022
Target Audience	: All CSE students
Number of Students / Staff	: 88/ 8
Venue	: Smart class Room (Room No.106)
Summary of the Lecture	:

Mr.J.Karthikeyan gave a Webinar on "**Industrial Applications of Natural Language Processing & Understanding**" and basic introduction about Natural language Processing. He gave a clear Idea of what is Natural Language Processing, functional areas and its goals.

He discussed the Various Industrial Applications of NLP. He then explained about the Business goals. He illustrated the different Applications of natural language processing like Anomaly detection, Document search optimization, Resume screening and Text summarization. Finally he ended up the session with providing more information on practical applications of natural language processing.

The major topics covered in the webinar were Industrial Applications of Natural language processing, Emotional intelligence, conversation analysis and Market intelligence.

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Arasampatti - 622 507, Thirumayam (Taluk), Pudukkottai (District).

INTERNAL QUALITY ASSURANCE CELL (IQAC)

AND

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PRESENTS

WEBINAR

on

"Industrial Application of Natural Language Processing & Understanding"

Speaker

KARTHIKEYAN J

Principal Data Scientist
AT&T -Telecommunications

On 29.04.2022
@ 2.00 PM to 3.00 PM

Mr.J.Karthikeyan, Principal Data scientist, AT & T –Telecommunications explained about "Industrial Applications of Natural Language Processing & Understanding"7

Mr.J.Karthikeyan, Principal Data scientist, AT & T –Telecommunications explained about "Industrial Applications of Natural Language Processing & Understanding"
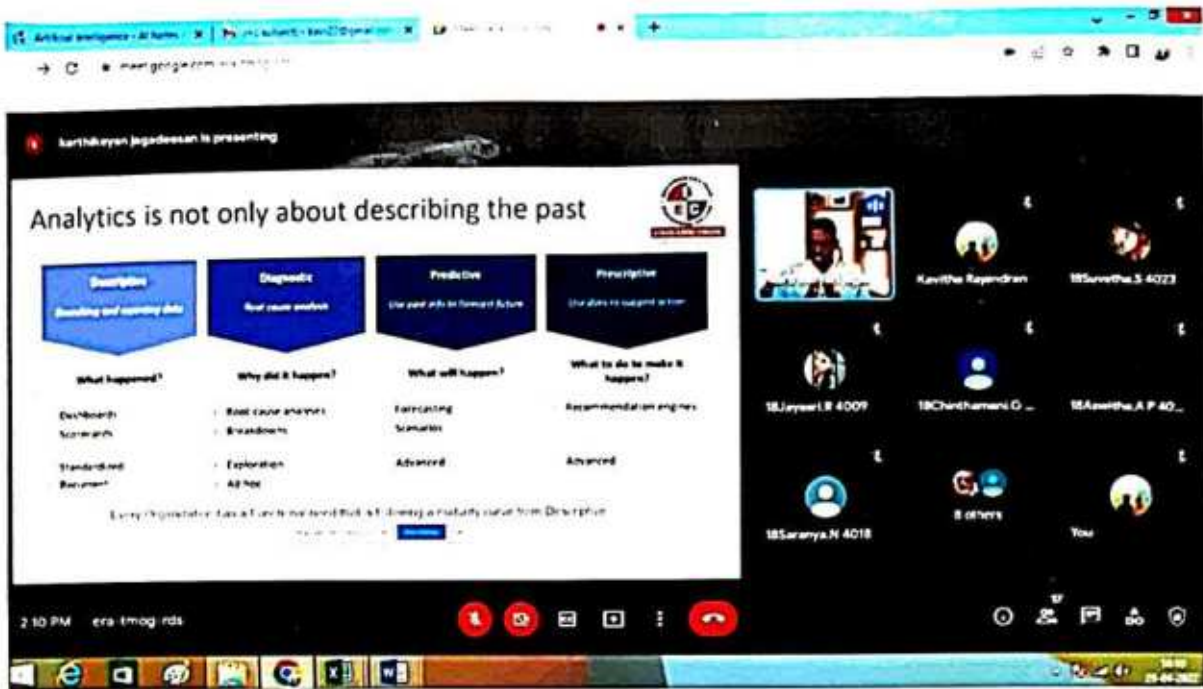
Mr.J.Karthikeyan, Principal Data scientist, AT & T –Telecommunications explained about
"Industrial Applications of Natural Language Processing & Understanding"

Mr.J.Karthikeyan, Principal Data scientist, AT & T –Telecommunications explained about
"Industrial Applications of Natural Language Processing & Understanding"

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Activity – Report

Name of Activity	: Internal Guest Lecture
Title of the Lecture	: **Computer Forensics as a Career**
Name of the Resource Person	: Mr.V. Sai shanmuga raja
Designation and Address	: Assistant Professor
	Department of Computer Science and Engineering
	Shanmuganathan Engineering College, Arasampatti.
Date	: 22.04.2022
Target Audience	: All CSE students
Number of Students / Staff	: 102 / 8
Venue	: Smart class Room (Room No.403)
Summary of the Lecture	:

Mr. V. Sai shanmuga raja gave a Lecture on "Computer Forensics as a Career" and basic introduction about computer Forensics. He gave a clear Idea of what is computer forensics, Digital Evidence, Cyber Crime and its effects.

He discussed the importance of computer forensics in the field of Cyber Security. He then explained about the skills required to become a Computer Forensic expert. He illustrated the different stages of computer forensic process. Finally he ended up the session with providing more information on practical applications of computer forensics and its importance in the future cyber security in organizations.

The major topics covered in the seminar was Importance of cyber security, Cybercrimes, Digital Evidence and stages of data collection.
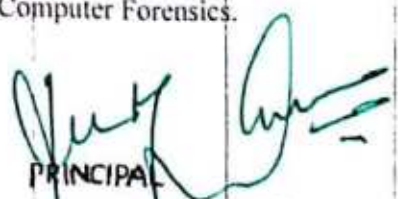
Internal Guest Lecture : Mr.V. Sai shanmuga raja AP/ CSE explained about Computer Forensics .

Internal Guest Lecture : Mr.V. Sai shanmuga raja AP/ CSE explained about Computer Forensics.

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Association Inauguration

Title of the Association	: BOYCE – Bureau of Young Computer Engineers
Name of the Chief Guest	: Mr.M.Balaji Rajakesari, M.S.,M.Tech.,(Ph.D)
Designation and Address	: Scientist / Engineer, Controls Digtial and Eletronics group, U.R.Rao Satellite Centre, Department of Space, ISRO, Bangalore.
Date	: 09.04.2022
Venue	: Seminar hall (Room No.106)

Agenda

TAMIL THAI VAZHTHU

Welcome Address and	: Mrs. R. Kavitha, M. Tech Assistant Professor and HoD
Introduction to Office Bearers	: Mr. P.Thenmozhi, M.E., Assistant Professor,CSE.
Presidential Address ·	: Dr. KL. Muthuramu, M.E (W.R)., M.E (S.E)., Ph.D., F.I.E., M.I.S.T.E., Principal
Felicitation	: Mr. M. Vishwanathan, . Secretary
	: Dr. P. Manikandan, Correspondent
Introduction to Chief Guest	: Mrs.R.Preethi, M.E., Assistant Professor, CSE
Inaugural Address	: Dr.M.Balaji Rajakesari, M.S.,M.Tech.,(Ph.D) Scientist / Engineer, Controls Digtial and Eletronics group, U.R.Rao Satellite Centre, Department of Space,ISRO,Bangalore.
Vote of Thanks	: Ms.S.Brundha, IV CSE, Association President

NATIONAL ANTHEM

OFFICE BEARERS

1. President   -   Ms. S. Brundha, IV yr CSE

2. Vice President   -   Ms. C. Karthiga, III yr CSE

3. Secretary   -   Ms. G. Chinthamani, IV yr CSE

4. Joint Secretary   -   Ms. S. Dhanam, III yr CSE

5. Treasurer   -   Ms. A. Pooja, IV yr CSE

6. Members   -   Mr. M. MuthuKumar, III yr CSE
                            Mr. R. Selvendran, III yr CSE
                            Ms. V. Hemadharshini, III yr CSE
                            Mr. K. Nagappan, II yr CSE
                            Ms R. Veemika, II yr CSE.

Introduction of office bearers

Hod: **Mrs. R. Kavitha, M. Tech.,** Assistant Professor and HoD

chief guest : **Dr.M.Balaji Rajakesari, M.S.,M.Tech.,(Ph.D),** Scientist / Engineer,Controls

Digtial and Eletronics group, U.R.Rao Satellite Centre, Department of Space, ISRO,

Bangalore.

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Activity – Report (EVEN SEM 2021-2022)

Name of Activity	: **Guest Lecture**
Title of the Lecture	: "onboard software design and development for space craft and space bourne system"
Name of the Resource Person	: **Mr.M.Balaji Rajakesari, M.S.,M.Tech.,(Ph.D)**
Designation and Address	: Scientist / Engineer,
	Controls Digtial and Eletronics group,
	U.R.Rao Satellite Centre,
	Department of Space, ISRO, Bangalore.
Date	: 09.04.2022
Target Audience	: All CSE students
Number of Students/staff	: 106 / 8
Venue	: Seminar hall (Room No.106)
Summary of the Lecture	:

A guest lecture on "onboard software design and developement for space craft and space bourne system "was organized by our department. The lecture was delivered by Mr. M.Balaji Rajakesari an Eminent Scientist, ISRO.

.He explained how India is leading in the field of launching the satellites and the operations performed at the space centre .He also explicate various monitoring techniques of satellites at diffrent branches .Students were encouraged by him and gained a great knowledge from the resource person.

Dr.M.BalajiRajakesari,M.S.,M.Tech.,(Ph.D),Scientist/Engineer,ControlsDigtial and Eletronics group, U.R.Rao Satellite Centre, Department of Space, ISRO, Bangalore.

Dr.M.BalajiRajakesari,M.S.,M.Tech.,(Ph.D),Scientist/Engineer,ControlsDigtial and Eletronics group, U.R.Rao Satellite Centre, Department of Space, ISRO, Bangalore.

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Name of the Activity : Technical Seminar

Details of Seminar:

S.NO	YEAR/SEMESTER	NAME OF THE STUDENTS	TITLE
1	IV/VIII	Ms. B. Bava Preetha Ms. A. L. Chithra	Machine Learning
2	IV/VIII	Mr. P. Sethupathy Muneeswaran	Hardware Components of CPU

Date : 08.04.2022

Target Audience : All CSE students

Venue : Room No: 403

Summary of the Technical Seminar:

The Technical Seminar contest was organized under Association activity. There were two topics presented. The first topic presented was **"MACHINE LEARNING"** by final year students "Ms. B. Bava Preetha & Ms.A.L.Chithra".They elaborate the history and importance of Machine Learning in the current scenario. They discussed about the subsets of dataset used for Machine Learning. They also explained about the various algorithms used and applications of Machine Learning in various fields.
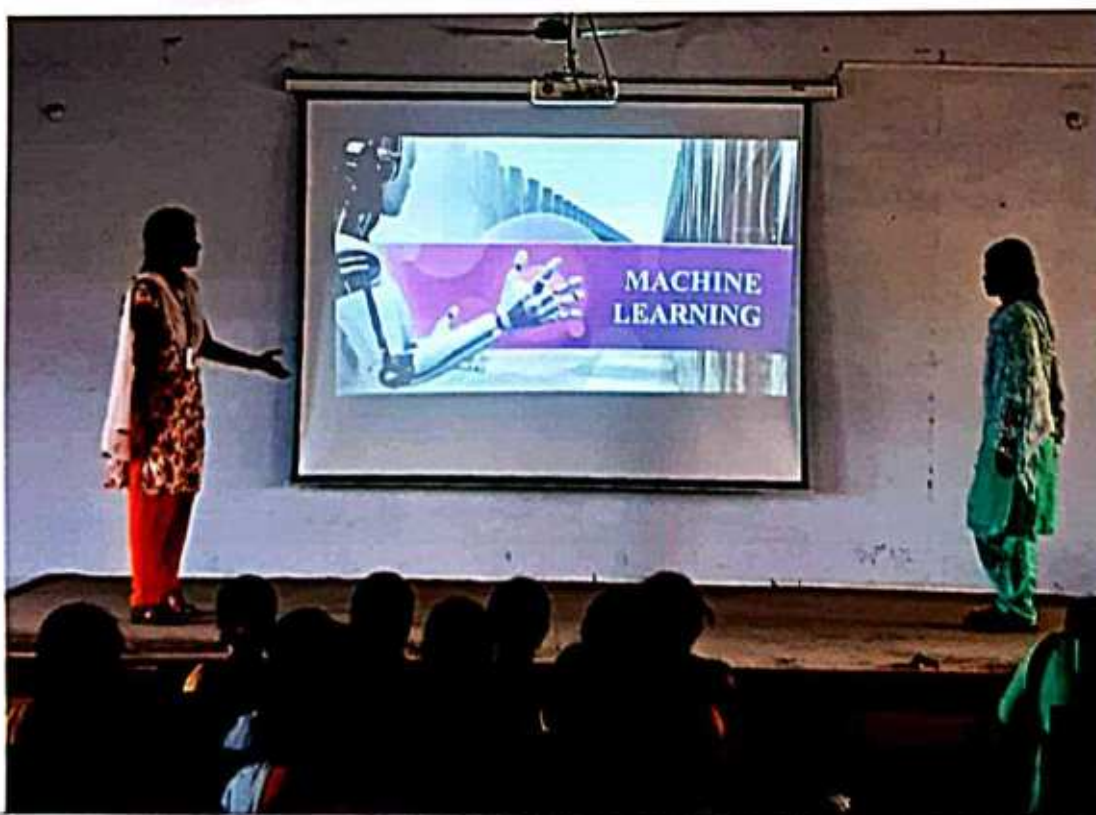
Ms. B. Bava Preetha & Ms.A.L.Chithra, IV Year CSE ,Technical Seminar on "Machine Learning"

The second topic presented was **"HARDWARE COMPONENTS OF CPU"** by Final Year student Mr.P.Sethupathy Muneeswaran. He elaborates about various components in CPU. He explained about the working procedure of Switch Mode Power Supply. He also briefs the students about various parts of mother board, BIOS chips, CMOS battery, CPU socket and Cooler fan. Then he explained about AMD and Intel processors.

Mr.P.Sethupathy Muneeswaran, IV CSE, Technical Seminar on "Hardware Components of CPU"

HOD/CSE

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Shanmuganathan Engineering College
Arasampatti - 622 507

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BOYCE Association Activity – Report

Activity II – TECHNICAL QUIZ

Name of the Activity   : Technical Quiz

Name of the Organizers   : Ms. A.Pooja, IV CSE
                Ms. A.Powun Roja, IV CSE
                Ms. S.Dhanam, III CSE
                Ms. S.Sangeetha, III CSE
                Mr. M.Naveen Kumar, II CSE
                Mr. G.Vishnu Varthan, II CSE
                Mr. C.Praveen, II CSE

Date   : 31.03.2022

Target Audience   : All CSE students

Number of Students participated :   II CSE   – 13
                                   III CSE – 11
                                   IV CSE – 03

Venue   : Smart Classroom (Room No.403)

Summary of the Technical Quiz:

The technical quiz competition was conducted as the 2nd event of the association activity. The technical quiz contest was organized under My Idea Program activity. The event was conducted in two phases. In the first phase, multiple choice questions were given to participants through Google forms. Those who passed in the MCQ test, 6 batches of them were selected for the second round of technical quiz. In the second phase, we had conducted 5 rounds. First round is TECHNICAL ROUND, Second round is IMAGE FINDING, Third round is ODD MAN OUT, Fourth round is FIND THE CORRECT ONE, and Fifth round is GENERAL QUESTON. For each round we had given 2 questions for each batch. Based on the highest score we had declared the I place and the next was given II place. At the end of the session, the winners were presented with prizes.

TECHNICAL QUIZ
SCREENING TEST SHORLISTED NAME LIST

Student Name	YEAR
1. Pavithra	IV
2. Prema	IV
3. Vetri Selvan	III
4. Vignesh Kumar	III
5. Michealraj	III
6. Muthukumar	III
7. Sanjay	II
8. Brameshwaran	II
9. Abimanyu	II
10. Sakthivel	II
11. Meenakshi	II
12. Shalini	II

Students attending technical quiz – First Round

Winners of Technical Quiz contest:

I prize   - Mr. R.Vignesh Kumar & Mr. PL.Vetri Selvan,   - III CSE

II Prize   - Mr. C.Sanjay & Mr. B.Brameshwaran,   - II CSE

HoD – CSE   PRINCIPAL

Head of the Department
Department of Computer Science and Engineering
Shanmuganathan Engineering College
Arasampatti - 622 507

SHANMUGANATHAN ENGINEERING COLLEGE,
ARASAMPATTI - 622 507.

SHANMUGANATHAN ENGINEERING COLLEGE
ARASAMPATTI – 622 507
Accredited by NAAC, Approved by AICTE,
An ISO 9001:2008 Certified Institution

TÜV
SÜD

BOYCE Association Activity – Report

Activity I - Debugging

Name of the Activity	: Debugging in C
Name of the Organizers	: Ms. S. Suvetha, IV CSE
	Ms. AP. Aswitha, IV CSE
	Ms. M. Sneha, IV CSE
	Mr. R. Tamilmurasu, III CSE
	Ms. S. Karthiga, III CSE
Date	: 25.03.2022
Target Audience	: All CSE students
Number of Students participated :	II CSE – 19
	III CSE – 15
	IV CSE – 05
Venue	: Seminar hall (Room No.106)

Summary of the Debugging:

The debugging competition was conducted as the 1st event of the association activity. The debugging contest was organized under My Idea Program activity. The event was conducted in two phases. In the first phase, multiple choice questions were given to participants through google forms. Those who passed in the MCQ test, 20 of them were selected for the second round of debugging. In the second phase, a set of 3 C programs were given and asked to debug the C programs. One who finishes first is given I place and the next was given II place.

Parallely, A technical event called "Connexions" was conducted to the remaining students. The students actively participated in the events and enjoyed the sessions. At the end of the session, the winners were presented with prizes.

DEBUGGING in C

SCREENING TEST SHORLISTED NAME LIST

FINAL YEAR

1. A.Yogeswari
2. S.Pavithra

3RD YEAR

1. Valarmathi
2. G.Sangeetha
3. Solai nandhini
4. C.Karthiga
5. S.Nagu
6. Shruthi priya
7. Vignesh kumar
8. Harini brindha

2ND YEAR

1. Meenakshi
2. Shalini
3. M.Naveen kumar
4. A.Kavitha
5. Vishnu rithan
6. R.Veemika
7. M.Aravinth
8. Abinaya
9. Dhanushiya
10. Muthupandi

Winners of Debugging contest:

I prize   - Mr. N. Aravinth, II CSE

II Prize   - Ms. S. Dhanusuya, II CSE

Students attending debugging in 'C' – First Round

Students attending debugging in 'C' – Final Round

Activity – Report

WEBINAR - IV

Title of the Webinar	**: Java Enterprise Edition**
Name of the Resource Person	**: Mr. Nambirajan**
Designation and Address	**: Java Team Lead,**
	UNIQ Technologies.
Date	**: 26.10.2021**
Time	**: 2.00 PM - 4.00 PM**
Target Audience	**: Second Year CSE students**
Number of Students/staffs	**: over 45**
Live Video Presentation Via	**: Google Meet**
Summary of the Presentation	**:**

Mr. Nambirajan gave a Webinar on Java Enterprise Edition. In his Webinar he discussed about Core java and application-based java. He discussed about HTML for web application.
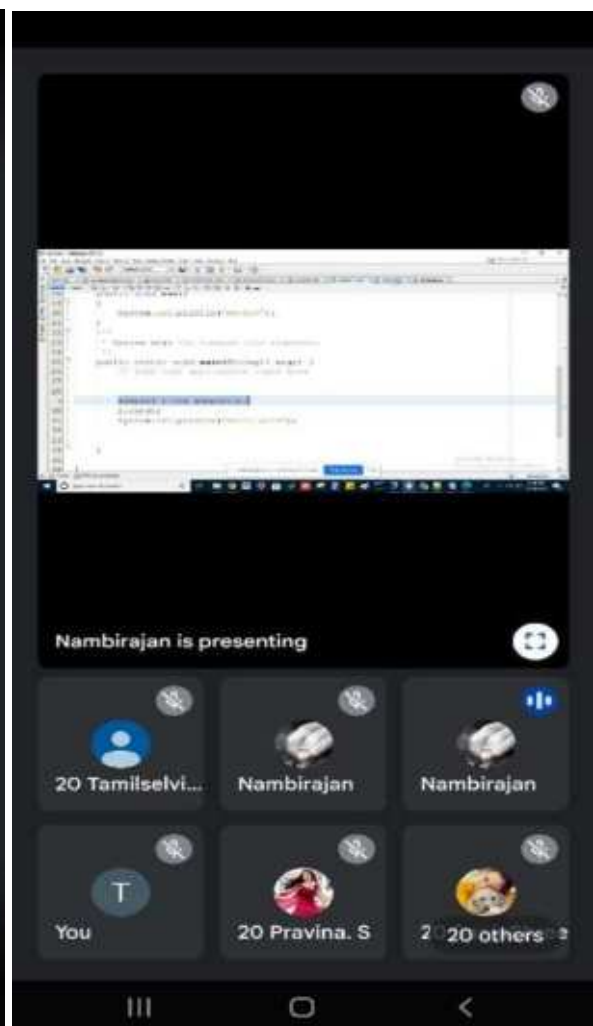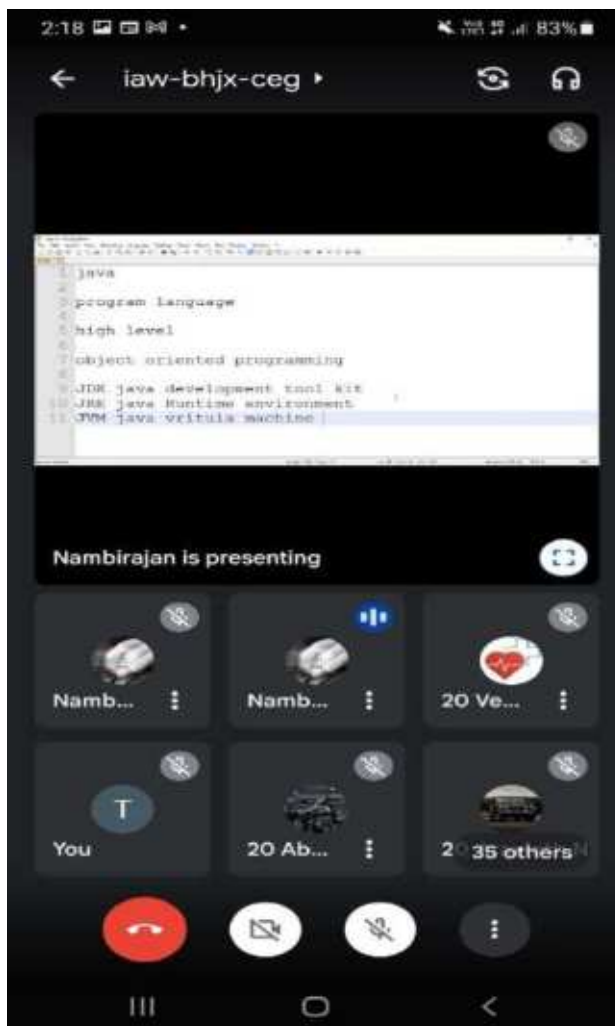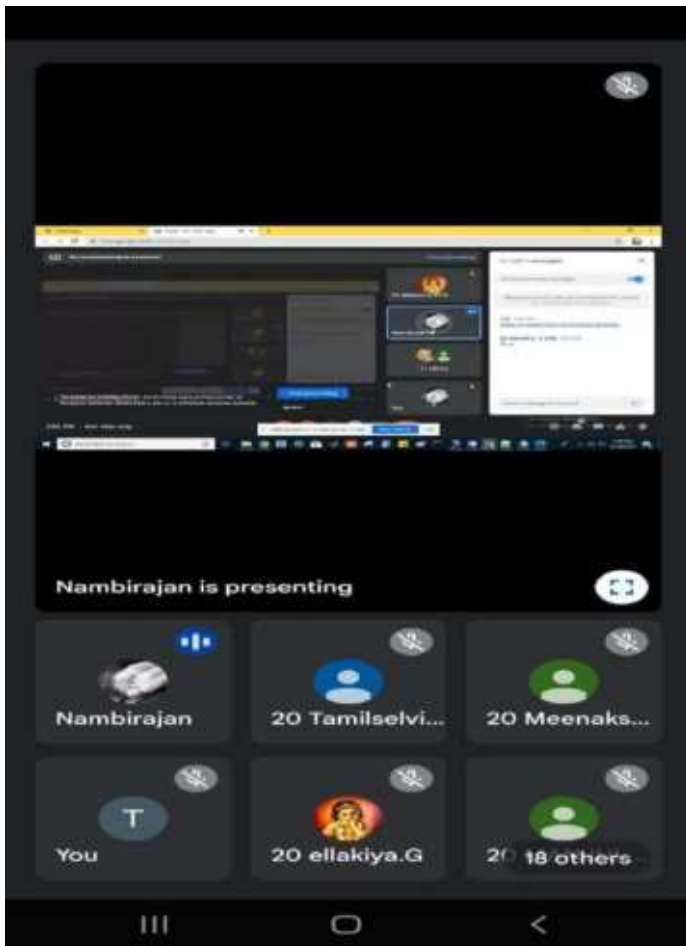
He explained about Standard Edition Java Platform and Enterprise Edition Java Platform. **He discussed about JVM, JRE, JDK and JDBC driver**. He also explain how to develop web based application by using java and HTML language on NetBeans IDE. Finally he conclude the session by encouraging students to do mini project in the Enterprise Edition Java Platform.

Nambirajan is presenting

About this call

	People	Information		
	20 Meenakshi B 4019			
	20 PONNI. P			
	20 Pravina. S 4025			
	20 RAJESH KUMAR.S 4027			
	20 SanjuShree 4030			
	20 Shalini.N 4031			
	20 SIVAGAMI .M 4033			
	20 Swathi.V 4035			
	20 Tamilselvi.R 4036			
	20 Thakur 4037			
	20 Veemikha. R 4038			
	20 Vikashmaran 4039			
	ALAGU PARVATHI			
	M.Muthupandi			
	Nagappan K			

HOD – CSE   PRINCIPAL

Activity – Report

WEBINAR - III

Title of the Webinar	: Artificial Intelligence
Name of the Resource Person	: Mr. Sreedhar
Designation and Address	: AI trainer,
	UNIQ Technologies.
Date	: 25.10.2021
Time	: 2.00 PM - 4.00 PM
Target Audience	: Third Year CSE students
Number of Students/staffs	: over 34
Live Video Presentation Via	: Google Meet
Summary of the Presentation	:

Mr. Sreedhar gave a Webinar on Artificial Intelligence. In his webinar he discussed about machine learning, deep learning etc. He discussed about learning algorithms.
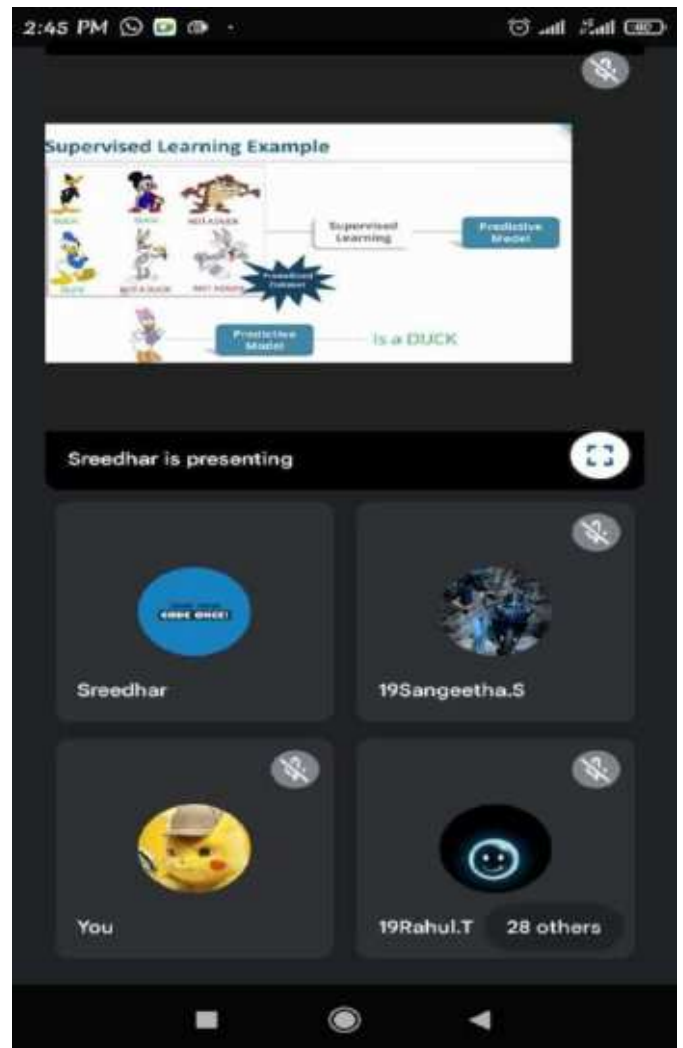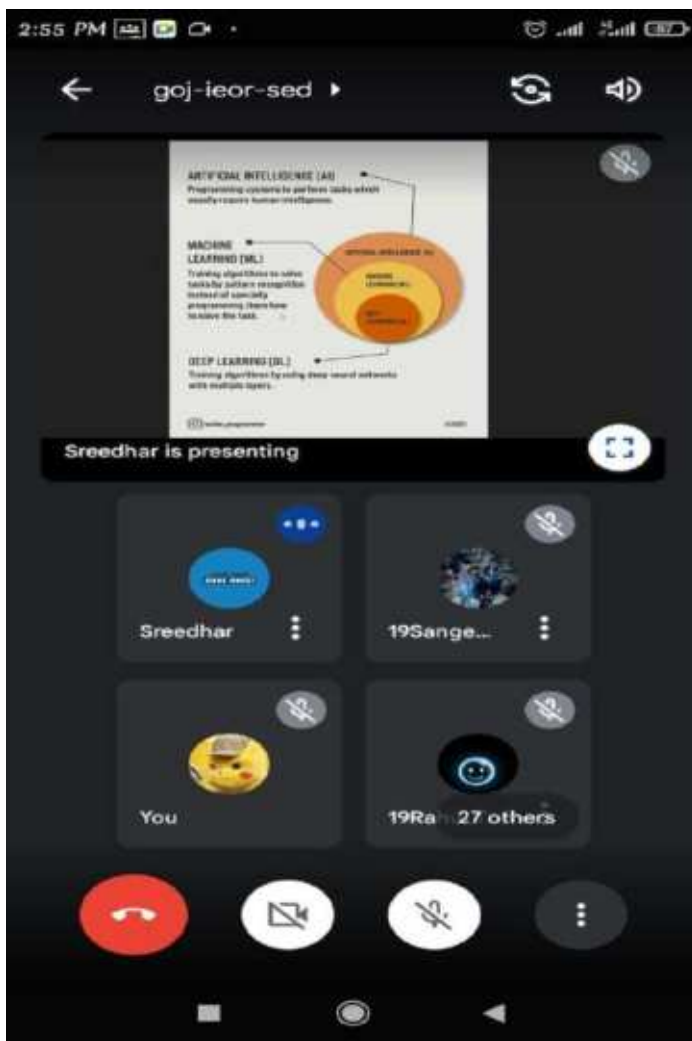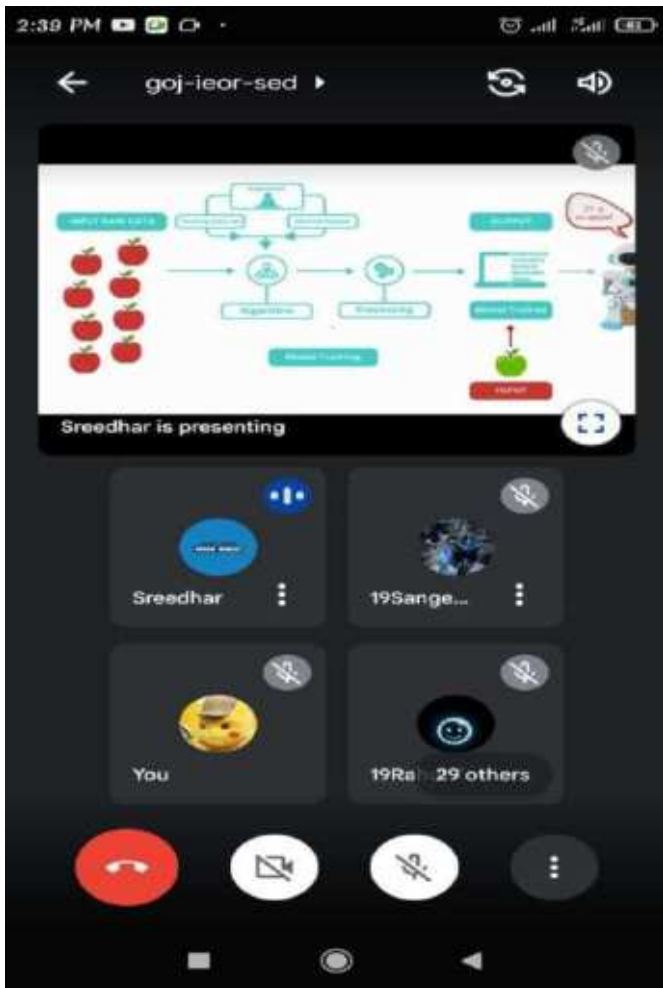
He explained about the importance of implementing Artificial intelligence in the field of computer science. He also correlate real time examples with her topic. He also educate audience about ongoing researches in the field of artificial intelligence. Finally he conclude the session by encouraging students to do projects in the field of Artificial intelligence.

Activity – Report

WEBINAR - II

Title of the Webinar	**: Recent Trends in Cloud Computing Tools**
Name of the Resource Person	**: Mr. G.S. Ramarao**
Designation and Address	**: Technical Lead**
	TCS Bangalore
Date	**: 22.10.2021**
Time	**: 2.30 PM - 3.30 PM**
Target Audience	**: III & IV Year CSE students**
Number of Students/staff	**: over 60**
Live Video Presentation Via	**: Google Meet**
Summary of the Presentation	**:**

Mr. Ramarao gave a virtual power seminar on Recent Trends in Cloud Computing Tools. In his seminar he discussed about various Application in cloud computing tools. He discussed about Amazon Web Service.

He explained about basic concept and advantages of cloud computing. He also discuss about Auto scaling, Global foot print, elastic compute cloud. He also correlate real time examples with him topic. He also educate audience about ongoing researches in the field of Cloud computing. Finally he conclude the session by encouraging students to do projects in the field of cloud computing.

Virtual Power Seminar on RECENT TRENDS IN CLOUD COMPUTING TOOLS
22 OCT 2021 - 02:30 PM - 03:30 PM
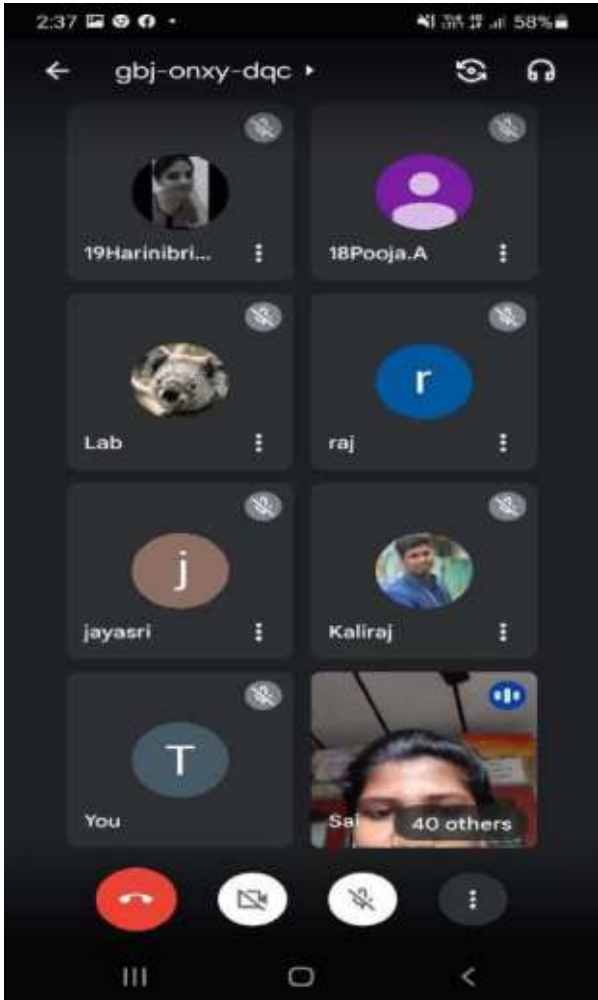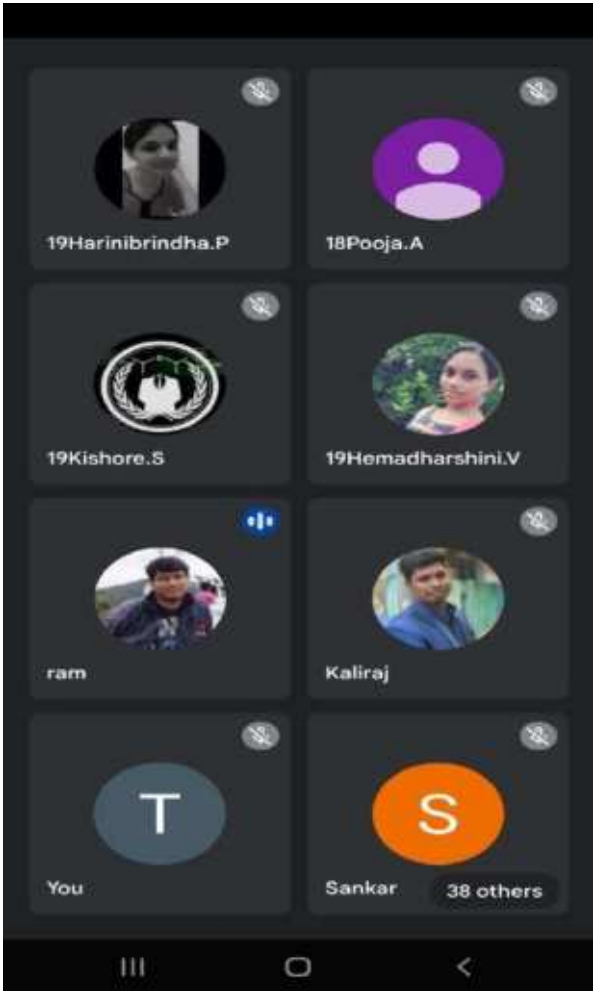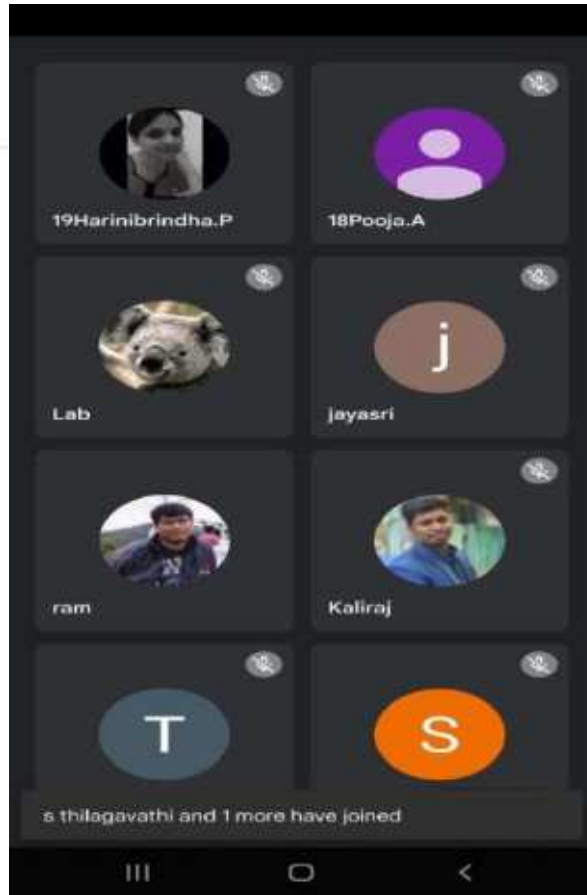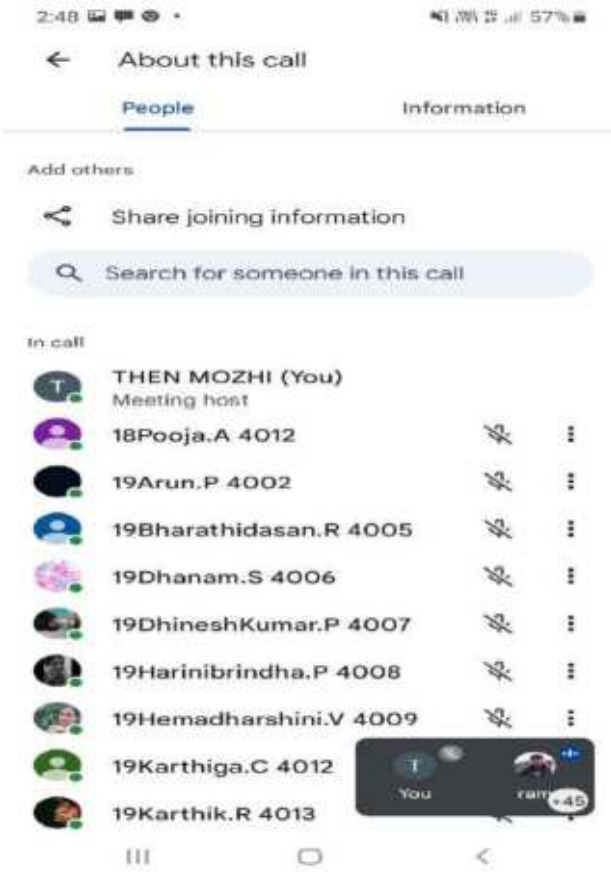
HOD – CSE

PRINCIPAL

Activity – Report

WEBINAR - I

Title of the Webinar	: **Employability Skills for the Future**
Name of the Resource Person	: **Mr. Krishnamorthy Krishnaprasath**
Designation and Address	: **Founder, Digital Nomad Ventures (Pvt) Ltd.**
Date	: **08.10.2021**
Time	: **2.30 PM - 3.30 PM**
Target Audience	: **All Third Year students**
Number of Students/staff	: **over 80**
Live Video Presentation Via	: **Google Meet**

Summary of the Presentation

Mr. Krishnamorthy Krishnaprasath gave a Webinar on Employability Skills for the Future. In his Webinar he discussed about Skills need to employee for any organization .He discussed about digital Marketing.

He explained about how to develop the Employability skills. Skills like Creativity, Reading, Problem solving, Critical thinking, Team work etc. He also educated audience email typing skill need to employee for any organization. Finally he concluded the session by encouraging students to do digital marketing business on online.

HOD – CSE

PRINCIPAL

IQAC REPORT OF DEPARTMENT ACTIVITIES FOR THE ACADEMIC YEAR 2021-2022

TECHNICAL SEMINAR- First association activity is held on **17.03.2022**, Thursday in ECE Seminar hall, Room no. 315. Second Year, Third Year,Final Year students and all faculty members from department of ECE attended the function. **A.Sivasankarmadheshwar, N. Ramkumar, P.Sivanandhini, and B. Mirudhulla from the final year** presented technical seminar on the **topic of Biometric Voting Machine, Sensor Technology, Inter-Vehicle Communication & Li-Fi** respectively to convey acquired facts to improve the student's professional knowledge.

A.Sivasankarmadheshwar IV ECE presented a paper on Biometric Voting Machine

TECHNICAL QUIZ - Second association activity is held on **24.03.2022**, Thursday in ECE Seminar hall, Room no. 315. Second Year, Third Year, Final Year students and all faculties from department of ECE attended the function. The students from ECE department **PL.Vishalatchi (IV year), PU.Subathra (IV year), J.Safrin Nihar (III Year) and A.Raniprabha (III Year)** conducted the Technical Quiz and asked many questions based on ECE subjects to improve the student's professional knowledge.

PL.Vishalatchi, PU.Subathra from Final ECE conducted the Technical Quiz

TECHNICAL SEMINAR - Third association activity is held on **31.03.2022**, Thursday in ECE Seminar hall, Room no. 315. Second Year, Third Year, Final Year students and all faculties from department of ECE attended the function. The students from ECE department **N.Dhivyadharshini (IV Year),PL.Vishalatchi (IV Year), PU.Subathra (IV Year), K.Swarrna amirthaa (IV Year), P.Priyanka (IV Year), J.Safrin nihar (III Year)** presented TECHNICAL SEMINAR on the topic of **Massive MIMO , Evolution of Electronics, Surveillance Camera Control System, Nano Technology In Electronics, E-Bombs and Brain Chip** respectively to convey acquired facts to improve the student's professional knowledge.

J.Safrin nihar from Third Year ECE presented a paper on Brain Chip

INDUSTRIAL VISIT - To get practical knowledge and to give an insight into the way things work in the real-life scenario, the Department of Electronics and Communication Engineering arranged an industrial visit on 1st April 2022 to **KEL located in Kochi, Kerala** for the students of final year ECE. Our staff members, Mr.SP.Senthil Kumar &Mrs.A.YasminNihara of ECE accompanied along with the students of final year ECE in this industrial visit. A total of 15 students along with 2 faculty members have joined in this industrial visit.

Final year ECE students visited the KEL located in Kochi, Kerala

GUEST LECTURE - Department of Electronics and Communication Engineering of Shanmuganathan Engineering College organized a **Guest Lecture on "Recent Trends in Electronics and Communication Engineering" on 23rd April 2022** in Seminar Hall(106). **Dr.D.Sriram Kumar, Professor, National Institute of Technology, Trichy** invited as a chief guest to deliver the special lecture. The lecture was attended by 26 students and 7 Faculty members of the Electronics and Communication Engineering Department.


Dr.D.Sriram Kumar, Professor, NITT, delivered a Guest Lecture on "Recent Trends in Electronics and Communication Engineering"

POSTER PRESENTATION - Department of ECE and IQAC organized a **Poster presentation** for second and third-year ECE students on **28.04.2022** at Communication Lab. Totally 6 batches of third-year ECE students actively participated in the event. **L.Bhuvaneshwari and P.Podhumani** presented in the topic of **Mobile Train Radio Communication. A.Reavathi and R.Abinaya** presented in the topic of **Internet of Things (IoT). J.SafrinNihar and K.Kapagavalli** presented in the topic of **Organic Light Emitting Diode (OLED). L.Muthukamatchi** and **R.Sivakami** presented in the topic of **5G technology.** G.Pargavi and A.Raniprabha presented in the topic of **Hyperloop Transportation. R.AlaguRamanathan and S.Chidambaram** presented in the topic of Antenna and Propagation.

Students from third year ECE presented their poster in front of HoD/ECE

WEBINAR - Department of Electronics and Communication Engineering and IQAC of Shanmuganathan Engineering College organized a webinar on **"Awareness to get job opportunities after the graduation"** on **4th May 2022** in Seminar Hall (106).**Ms.Alamelu Annamalai, Service delivery lead, Cognizant Technology Solution, Connecticut, USA** invited as a Resource person to deliver the webinar. The webinar was attended by 42 students and 7 Faculty members of the Electronics and Communication Engineering Department.
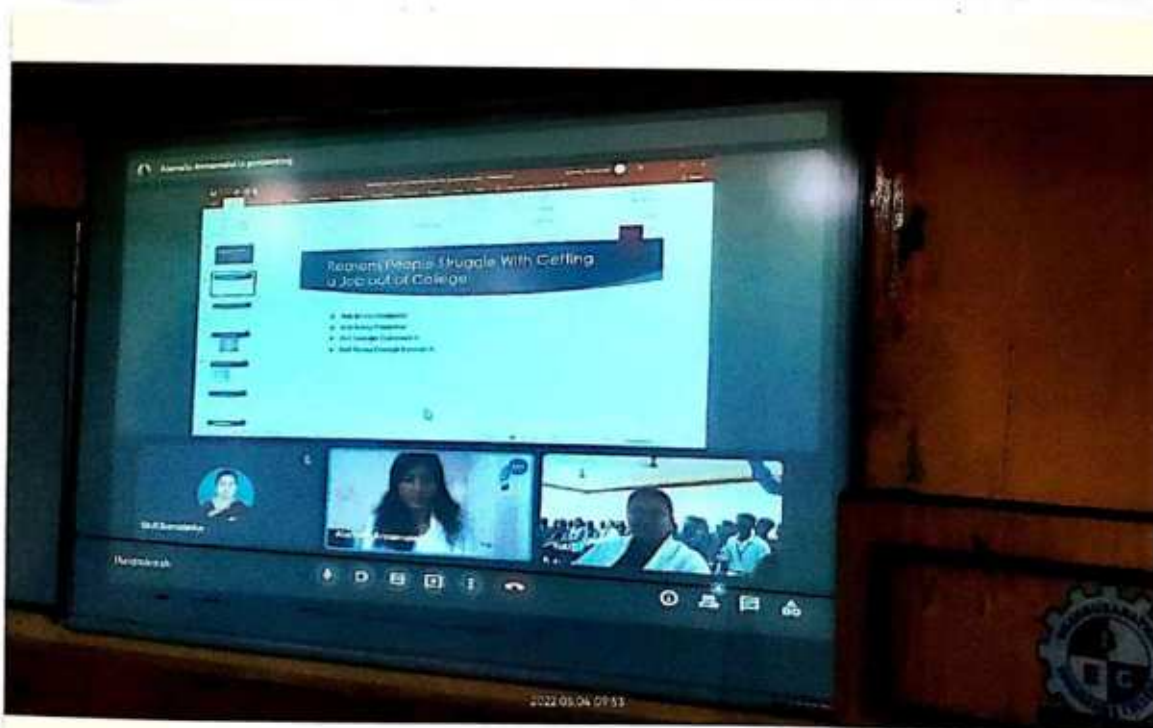
Ms.Alamelu Annamalai, Service delivery lead, Cognizant Technology Solution, Connecticut, USA delivered a webinar on Awareness to get job opportunities after the graduation

POSTER PRESENTATION - Department of ECE and IQAC organized a Poster presentation for second and third year ECE students on **12.05.2022** at Communication Lab. Totally 5 batches of second year ECE students actively participated in the event. **K.Selvaganesh and P.Krishna** presented in the topic of **Block chain. M.Gowtham and K.Praveenraj** presented in the topic of **Bionic eye. P.Santhosh and NS.Rahul** presented in the topic of **Electronic skin. S.Karthikeyan and R.Bharath** presented in the topic of **GIGA bit wireless technology. M.Gokulakrishnan and M.Harishmaran** presented in the topic of **Virtual reality.**

K.Selvaganesh and P.Krishna from second year ECE presenting in the topic of Block chain

TECHNICAL SYMPOSIUM - Department of Electronics and Communication Engineering of Shanmuganathan Engineering College organized a National Level Technical symposium, **SPECTRA'22 on 31st May 2022** in Seminar Hall(106). **Shri.S.P.Thipperudraswamy, Scientist, CSIR – CECRI, Karaikudi** headed over the function. The SPECTRA'22 was attended by **22 students of various Engineering colleges,** 26 students and 7 Faculty members of our Department.

Shri.S.P.Thipperudraswamy, Scientist, CSIR – CECRI, Guest Speaker delivered an Inaugural address

WORKSHOP - Department of Electronics and Communication Engineering of Shanmuganathan Engineering College and **Marcello Tech, Trichy** jointly organized an **one day workshop on "Internet of Things (IoT) using Arduino"** on 6th June 2022 in ECE Seminar Hall (315).

The students with participation certificates along with Experts from Marcello Tech, Trichy and HoD-ECE

STUDENTS ACHIVEMENTS

- ❖ **Karpagavalli.K and Muthukamatchi.L**, Student, third year ECE have participated **District Level Tamil Elocution Contest** conducted by **Tamil Development Department, Tamilnadu Government held on 3rd June 2022.**

- ❖ **Safrin Nihar.J, Student**, third year ECE has presented a paper and won the **first prize in National Level Technical Symposium** organized by **Government College Engineering, Srirangam held on 8th June 2022.**

- ❖ **R.Sivagami**, Student, third year ECE has participated in **Annual Sports Meet** and won the **Second Prize** in **Javelin Throw** conducted by Shanmuganathan Engineering College held during June 2022.

- ❖ **MuthuKamatchi. L**, Student, third year ECE has participated in **SEC Annual Sports Meet** and won the **Second Prize** in Shot Put conducted by Shanmuganathan Engineering College held during June 2022.

- ❖ **Rani Praba. A**, Student, third year ECE has participated in **SEC Annual Sports Meet** and won the **First Prize** in Chess Tournament conducted by Shanmuganathan Engineering College held during June 2022.

Ms.Rani Praba. A, Student,third year ECE receives prize and medal from
Shri.R.Ramakrishnan, I.P.S, Assistant Inspector General of Police Welfare Chennai.

- ❖ **Harishmaran.M**, Student, second year ECE has participated in **SEC Annual Cultural Meet** and won the **First Prize** in **Pencil Sketch Drawing** conducted by Shanmuganathan Engineering College held during June 2022.

- ❖ **Sarumathi.P**, Student, second year ECE has participated in **Annual Cultural Meet** and won the **Second Prize** in **Pencil Sketch Drawing** conducted by Shanmuganathan Engineering College held during June 2022.

- ❖ **Safrin Nihar.J**, Student, third year ECE has secured the **First Place in academic performance with 9.4 CGPA** at the **SEC Annual Sports and Cultural Meet,** Shanmuganathan Engineering College held on **16th June 2022**.

- ❖ **Bharath.R**, Student, second year ECE has secured the **First Place in academic performance** with **8.86 CGPA at the SEC Annual Sports and Cultural Meet,** Shanmuganathan Engineering College held on **16th June 2022**.

Bharath.R, Student, second year ECE receives Prize from Shri.R.Ramakrishnan, I.P.S, Assistant Inspector General of Police, Welfare Chennai.

Technical Association Coordinator   **HoD/ECE**   **Principal**

DEPARTMENT OF MECHANICAL ENGINEERING ASSOCIATION ACTIVITIES

Title of the activity	: Technical symposium
Date	: 04-06-2022.
Venue	: 106 Seminar hall.

Sl.No	Resource person	Topic of Seminar
01	PDG.G.GOPAL (Founder and Senior Consultant) Excell Group of Companies, Pudukottai.	Entrepreneurship and Development

Summary: The Department of Mechanical Engineering organizes a National level technical symposium MECHNOVATION '22 on 4th June 2022.Head of the Department Welcomed the gathering and introduced the resource person G.GOPAL, Founder and Senior Consultant of Excell Group of CompaniesPudukottai.The resource person detailed the Entrepreneurship and Development concepts and interacted with students. He comprehensively answered various concepts related to Enterpreneurship Student feedback was positive and they felt that the session was informative and useful.The Session was very interactive and various engineering college students participated in various technical eventsThe programme conducted successfully by the Support, Valuable guidance and Encouragement of Principal and Management. Finally Mr.R.Thirmavalavan, Associate professor proposed the vote of thanks.

Mr.G.GOPAL , explaining about Entrepreneurship and Development .

HOD- MECHANICAL   PRINCIPAL

DEPARTMENT OF MECHANICAL ENGINEERING ASSOCIATION ACTIVITIES

Title of the activity : Students Seminar.
Date : 26-04-2022.
Time : 3:30 pm – 4:20 pm.
Venue :EEE Seminar hall.

Sl.No	Resource person	Topic of Seminar
01	Mr.A.Ajay	Vehicle Automation
02	Mr.Arun karthick	Nano Technologies

Summary: Mr.A.Ajay and Mr.Arun karthick students of Second year, Department Mechanical Engineering handle the sessions in various topics which was eye opener to the II and III years students where they gained knowledge about basics of Vehicle Automation and Nano technologies

Mr.A.Ajay handled the session on Vehicle Automation

HOD- MECHANICAL   PRINCIPAL

DEPARTMENT OF MECHANICAL ENGINEERING
SHANMUGANATHAN ENGINEERING COLLEGE
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai, Accredited by NAAC)
ARASAMPATTI – 622 507

DEPARTMENT OF MECHANICAL ENGINEERING ASSOCIATION ACTIVITIES

Title of the activity	: Workshop
Date	: 19-04-2022.
Venue	: 106 Seminar hall.

Sl.No	Resource person	Topic of Seminar
01	Mr.B.Kalaiselvan , Director – 3D Printing Academy	Innovative Manufacturing

Summary: An effective Hand on Training on "Innovative Manufacturing" was held for budding Mechanical Engineering students (For all years), the resource person Mr.B.Kalaiselvan , Director – 3D Printing Academy explained in detail about 3D printing from origin to recent update. After the theoretical session we had manufactured a Spur gear component using polyethylene material. He comprehensively answered various questions related to 3D Printing. Student feedback was positive and they felt that the session was informative and useful. The programme conducted successfully by the Support, Valuable guidance and Encouragement of Principal and Management.

Mr.R.Thirumavalavan (Head of the Department) introducing guest speaker Mr.B.Kalaiselvan

HOD- MECHANICAL

PRINCIPAL

View of 3D Printer Machine

HOD- MECHANICAL

PRINCIPAL

DEPARTMENT OF MECHANICAL ENGINEERING ASSOCIATION ACTIVITIES

Title of the activity : Students Seminar.
Date : 12-04-2022.
Time : 3:30 pm – 4:20 pm.
Venue : EEE Seminar hall.

Sl.No	Resource person	Topic of Seminar
01	Mr.R.Aravidhan -III Year	Micro Machining
02	Mr.A.Berthinath Anbarasan-III Year	Artificial Intelligence
03	Mr.B.Mageshpandiyan -III Year	Types of Gear Box

Summary: Third year students of Mechanical Engineering had presented seminar on advance trends in the field of Micro Machining, AI, and Gearbox. Students was able to aware about process in micro machining and procedure for manufacturing it. Artificial Intelligence seminar was an eye opener to all the participants in growth of engineering. Third year students derived the conceptual idea for using in design and fabrication projects in brain storming sessions of gear box seminar

Mr.R.Aravidhan handled the session on Micro Machining

HOD- MECHANICAL

13/04/2022

PRINCIPAL

DEPARTMENT OF MECHANICAL ENGINEERING ASSOCIATION ACTIVITIES

Title of the activity : Students Seminar.
Date : 05-04-2022.
Time : 3:30 pm – 4:20 pm.
Venue : EEE Seminar hall.

Sl.No	Resource person	Topic of Seminar
01	Mr.A.Ajay -III Year	6 stroke engine
02	Mr.JR.Abhinav Sharon- III Year	Application of Turning Center

Summary: A Relearning seminar was conducted by the students by using visual aids presentations. They had clearly explained about Principal, Construction, Types, Applications, Merits and Demerits in both the topics. The seminar gives opportunity for the individual development and also gives recalling the basics for other students.

Mr.JR.Abhinav Sharon explaining about construction of Turning Center

HOD- MECHANICAL

PRINCIPAL

REPORT ON ADDITIVE MANUFACTURING GUEST LECTURE

Shanmuganathan Engineering College, Department of Mechanical Engineering Student Association and IQAC jointly organized Guest lecture on Additive Manufacturing on 30-03-22.

An inspiring guest lecture on the key Technical aspects of "Additive Manufacturing" was held for budding Mechanical Engineering students (For all years) on 30-3-2022 at 3:30 PM in Seminar Hall.. The resource person Dr.N.Siva Shanmugam, Associate Professor, Department of Mechanical Engineering, NIT, Trichy conducted the guest lecture very effectively

During the Lecture Dr. N. Siva Shanmugam discussed in detail about Additive Manufacturing and illustrated about both theoretical and practical applications of Additive Manufacturing.

Dr.N.Siva Shanmugam comprehensively answered various questions related to Additive Manufacturing, Resource person commended the efforts of Shanmuganathan Engineering college for conducting guest lecture by experts to make the students to improve knowledge in advanced areas in Mechanical Engineering.

Student feedback was positive and they felt that the session was informative and useful.

The programme conducted successfully by the Support, Valuable guidance and Encouragement of Principal sir and Management.

Guest lecture on "Additive Manufacturing" by Dr.N.Siva Shanmugam, Associate Professor, Department of Mechanical Engineering, NIT, Trichy. On 30-3-2022- Seminar Hall 106

Hod (Mechanical)

Principal

Guest lecture on "Additive Manufacturing" by Dr.N.Siva Shanmugam, Associate Professor, Department of Mechanical Engineering, NIT, Trichy. On 30-3-2022- Seminar Hall 106

Hod (Mechanical)

Principal

DEPARTMENT OF MECHANICAL ENGINEERING ASSOCIATION ACTIVITIES

Title of the activity	: Guest Lecture.
Date	: 30-03-2022.
Time	: 3:30 pm – 4:20 pm.
Venue	: 106 Seminar hall.

Sl.No	Resource person	Topic of Seminar
01	Dr.N.Siva Shanmugam, Associate Professor, Department of Mechanical Engineering, NIT, Trichy	Additive Manufacturing

Summary: An inspiring guest lecture on the key Technical aspects of "Additive Manufacturing" was held for budding Mechanical Engineering students (For all years) the resource person Dr.N.Siva Shanmugam, Associate Professor, Department of Mechanical Engineering, NIT, Trichy conducted the guest lecture very effectively. During the Lecture he discussed in detail about Additive Manufacturing and illustrated about both theoretical and practical applications of Additive Manufacturing. He comprehensively answered various questions related to Additive Manufacturing. Resource person commended the efforts of Shanmuganathan Engineering College for conducting guest lecture by experts to make the students to improve knowledge in advanced areas in Mechanical Engineering. Student feedback was positive and they felt t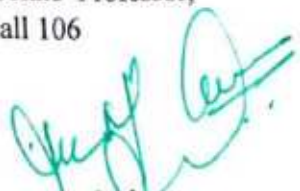hat the session was informative and useful. The programme conducted successfully by the Support, Valuable guidance and Encouragement of Principal and Management.

Dr.N.Siva Shanmugam explaining about Product Development through WAAM process

HOD- MECHANICAL

PRINCIPAL

DEPARTMENT OF MECHANICAL ENGINEERING ASSOCIATION ACTIVITIES

Title of the activity : Students Seminar.
Date : 29-03-2022.
Time : 3:30 pm – 4:20 pm.
Venue : EEE Seminar hall.

Sl.No	Resource person	Topic of Seminar
01	K.M Udayababu	Idealogy
02	Aswin & Balamurugan	Anti-lock braking system
03	S.Arun Pandian	Role of Mechanical Engineering in moto racing
04	S.Karthick	History of bearings
05	S.Saminath	Self confidence

Summary: All the resource person clearly explained about the content by using visual aids presentations. They have shared the case studies and industrial innovations and development works. The seminar gives opportunity for the individual development and also gives knowledge for other students (Peer Learning)

K.M Udayababu handled the session on topic idealogy

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Mr. S.Saminath & Mr. S.Karthick handled the session on topic Self-confidence and History of bearings

Mr. S.Arun Pandian handled the session on topic Role of Mechanical Engineering in moto racing

HOD- MECHANICAL

Mr.Aswin & Mr.Balamurugan handled the session on topic Anti-lock braking system

HOD- MECHANICAL

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PRINCIPAL

DEPARTMENT OF MECHANICAL ENGINEERING
SHANMUGANATHAN ENGINEERING COLLEGE
(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai, Accredited by NAAC)
ARASAMPATTI – 622 507

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DEPARTMENT OF MECHANICAL ENGINEERING ASSOCIATION ACTIVITIES

Title of the activity	: Students Seminar.
Date	: 22-03-2022.
Time	: 3:30 pm – 4:20 pm.
Venue	:EEE Seminar hall.

Sl.No	Resource person	Topic of Seminar
01	R.Sabarinathan	Science and Technology Capacity Building for
02	M.Ramachandran	Industrial Needs

Summary : R.Sabarinathan and M.Ramachandran students of Final year, Department Mechanical Engineering attended the Technical Lecture on " Science and Technology Capacity Building for Industrial needs" . Organized by Kings Engineering College in association with **TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY, Chennai.** They have shared their experiences gained in above programme. This created a platform for students to improve their communication skills and participants to aware about industrial expectations and plan to improve themselves.

Mr.M.Ramachandran handled the session on schemes available in TIIC

HOD- MECHANICAL 21/3/2022
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DEPARTMENT OF MECHANICAL ENGINEERING
SHANMUGANATHAN ENGINEERING COL. FGP

Mr.R.Sabarinathan handled the session on Industrial needs

HOD- MECHANICAL

HEAD OF THE DEPARTMENT
DEPARTMENT OF MECHANICAL ENGINEERING
SHANMUGANATHAN ENGINEERING COLLEGE
ARASAMPATTI-622 507

PRINCIPAL

Name of the Activity   : Technical Symposium

Name of the resource person   : Dr. R. Gandhiraj, AP/EEE, BIT campus

Date & Venue   :03.06.2022, EE107

Number of Student attended   :45

      A National level technical symposium "ESHOCK - 22" was held on 03.06.2022 (Friday) organized by Department of Electrical and Electronics Engineering. Dr. M. Varadarajan, HoD, EEE Welcomed the gathering and honored the chief guest. Mrs. R. Thaila, Assistant Professor introduced the Chief Guest. Dr. R. Gandhiraj, Assistant Professor, Department of Electrical and Electronics Engineering, University College of Engineering (BIT Campus), Tiruchirapalli, The chief guest motivated the students to attend and organize this kind of symposium and conferences.

      The prizes distributed to the winners of various events in the Valedictory function. 30 students from various colleges have participated in the symposium "ESHOCK - 22".

Ms. R. Priyadharshini, final year student proposed Vote of thanks.

HoD/EEE

ACADEMIC YEAR 2021-2022(EVEN SEM)

ASSOCIATION ACTIVITIES

MAY 2022

SI NO	NAME OF THE EVENT	RESOURCE PERSON	CONDUCTED DATE
1	INTERNAL GUEST LECTURE – "ENERGY CONSERVATION"	Ms. R. THAILA, AP/EEE	04.05.2022
2	INTRODUCTION TO SIMULINK	Dr. M. VARADARAJAN, HoD/EEE Ms. R. THAILA, AP/EEE	07.05.2022
3	TECHNICAL QUIZ	Ms. M. SNEHA, II Year/EEE	11.05.2022
4	TECHNICAL CONNECTION	Ms. T. VENNILA, IV Year/EEE Ms. S. ARTHI, IV Year/EEE Ms. M. SUOMAYA, IV Year/EEE Ms. S. SANGAVI, IV Year/EEE	18.05.2022

Weekly Association Activity Report

Name of the Activity : Technical Connections

Name of the resource person : Ms. T. Vennila, IV Year/EEE

Ms. S. Arthi, IV Year/EEE

Ms. M. Suomaya, IV Year/EEE

Ms. S. Sangavi, IV Year/EEE

Date & Venue : 18.05.2022, EE107

Number of Student attended : 48

Summary of the Guest lecture:

Ms. T. Vennila, Ms. S. Arthi, Ms. M. Suomaya, Ms. S. Sangavi, of Final year Electrical and Electronics Engineering conducted a technical connection on Electrical Circuits, Electrical Machines and Renewable sources. Students were fragmented as two teams (Team A and Team B). Each correct answer carries 5 marks and each wrong answer caries negative marks per question 1 mark. Students are very eagerly participated and finally Team B won the quiz.

"Technical Connection" was conducted by

Ms. Ms. T. Vennila, Ms. S. Arthi, Ms. M. Suomaya, Ms. S. Sangavi, of Final year EEE

HoD/EEE

Weekly Association Activity Report

Name of the Activity	: Technical Quiz
Name of the resource person	: Ms. M. Senha, Second year/EEE
Date & Venue	: 11.05.2022, EE107
Number of Student attended	: 48

Summary of the Guest lecture:

Ms. M. Sneha, of Second year Electrical and Electronics Engineering conducted a technical quiz on Electrical Circuits, Electromagnetic Theory and Instrumentation. Students were fragmented as two teams (Team A and Team B). Each correct answer carries 5 marks and each wrong answer caries negative marks per question 1 mark. Students are very eagerly participated and finally Team B won the quiz.

"Technical Quize" was conducted by Ms. M. Sneha, Second year EEE.

HoD/EEE

Weekly Association Activity Report

Name of the Activity   : Guest Lecture

Title of the Lecture   : Energy Conservation

Name of the resource person   : Mrs. R. Thaila, M.E., AP/EEE

Date & Venue   : 04.05.2022, EE107

Number of Student attended   :

Summary of the Guest lecture:

    The guest lecture on "**Energy Conservation**" was delivered by Mrs. R. Thaila. She started with the needs of energy conservation and its methods, after that she described general aspects of energy conservation and India facing on the energy demand and supply. Finally the lecture ended with the importance of energy audit. The lecture completed with the student's interaction. At the end of the session Mr. RM. Kumar, Third year delivered vote of thanks.

The guest lecture on "Energy Conservation" was delivered by

Mrs. R. Thaila, AP/EEE.

HoD/EEE

Name of the Activity : Workshop on IoT using Aurdino

Name of the company : PANTECH solutions

Date & Venue   :30.04.2022, EE107 and Power System
Simulation Lab

Number of Student attended :41

  The workshop on IoT based Arduino was held on 30.04.2022 organized by Department of Electrical and Electronics Engineering association with PANTECH solutions Trichy. The students are able to learn the arduino concepts and they were given training experience to work on the arduino board.

  In general the students were satisfied with the workshop and gained experience in the field of arduino microcontroller.

HoD/EEE

ACADEMIC YEAR 2021-2022(EVEN SEM)

ASSOCIATION ACTIVITIES

APRIL 2022

SI NO	NAME OF THE EVENT	RESOURCE PERSON	CONDUCTED DATE
1	STUDENT SEMINAR – "RENEWABLE ENERGY"	Mr. S. MOHAMED AAJITH Mr. K. SUNDARESAN Mr. R. ABISHEK	06.04.2022
2	MATLAB PROGRAMMING'S FOR ELECTRICAL ENGINEERS	Dr. M. VARADARAJAN, HoD/EEE Mr.S.MANIKANDAN, AP/EEE	09.04.2022
3	STUDENT SEMINAR – "PAPER BATTERY"	Ms. P. MOUNIKA Ms. K. PRIYADHAARSHINI	13.04.2022
4	SOLVING CIRCUIT THEORY PROBLEMS (MATRIX APPROACH)	Dr. M. VARADARAJAN, HoD/EEE Mrs.T.SELVASANKARI, AP/EEE	23.04.2022
5	STUDENT SEMINAR- HYDRO POWER PLANT & THERMAL POWER PLANT	Mr. M. VALLATHARASU Mr. P. SATHEESH KUMAR	27.04.2022
6	SIMULATIONS OF TRANSIENTS – USING ODE SUITE	Dr. M. VARADARAJAN, HoD/EEE Ms.B.LAVANYA, AP/EEE	30.04.2022

Weekly Association Activity Report

Name of the Activity   : Student Seminar

Title of the Lecture   : Hydro Power Plant & Thermal Power Plant

Name of the resource person   : Mr. M. Vallatharasu, Second year/EEE

            Mr. P. Satheesh Kumar, Second year/EEE

Date & Venue   : 27.04.2022, EE107

Number of Student attended   : 48

Summary of the Guest lecture:

       Mr. M. Vallatharasu, and Mr. P. Satheesh Kumar, of Second year Electrical and Electronics Engineering presented a seminar talk on "**Hydro Power Plant & Thermal Power Plant**". They organised the seminar talk in the following topics.

1. Introduction to Power generation
2. Site selection for hydro and thermal power plant
3. Classification of hydro plants
4. Working of thermal and hydro plants

       They discussed about the power scenario in India. About 70% power generated is through thermal and 15-20% of power through hydro plants. They have brief discussion of some of the important thermal and hydel installations in India. The seminar ended with the student's interaction. At the end of the session Mr. Arun Kumar. N, Final year delivered vote of thanks.

The Seminar talk on "Hydro Power Plant & Thermal Power Plant" was delivered by Mr. M. Vallatharasu, and Mr. P. Satheesh Kumar, of Second year

HoD/EEE

Principal

Weekly Association Activity Report

Name of the Activity   : Student Seminar

Title of the Lecture   : Paper Battery

Name of the resource person   : Ms. P. Mounika, Third year/EEE

                                      Ms. K. Priyadharshini, Third year/EEE

Date & Venue   : 13.04.2022, EE107

Number of Student attended   :37

Summary of the Guest lecture:

Ms. P. Mounika, and Ms. K. Priyadharshini, of Third year Electrical and Electronics Engineering presented a seminar talk on "**Paper Battery**". They organised the talk in the following topics.

1. Introduction to Paper battery
2. Fabrication of paper battery with carbon nanotubes
3. Construction and working of paper batteries.

They described meaning of paper battery and fabrication of such batteries in detail. They explained how electricity can be produced from a paper battery. Also discussed the relative advantages and limitations of paper batteries compared to the conventional one. Potential areas of applications are also discussed at the end of talk. The seminar completed with the student's interaction. At the end of the session Ms. Sneha. M, Second year delivered vote of thanks.

The Seminar talk on "Paper Battery" was delivered by Ms. P. Mounika, and Ms. K. Priyadharshini, of Third year

HoD/EEE

Principal

Weekly Association Activity Report

Name of the Activity   : Student Seminar

Title of the Lecture   : Renewable energy

Name of the resource person   : Mr. S. Mohamed Aajith, Final year/EEE
                                    Mr. K. Sundaresan, Final year/EEE
                                    Mr. R. Abishek, Final year/EEE

Date & Venue   :06.04.2022, EE107

Number of Student attended   :44

Summary of the Guest lecture:

Mr. S. Mohamed Aajith, Mr. K. Sundaresan and Mr. R. Abishek, of Final year Electrical and Electronics Engineering presented a seminar talk on **"Renewable Energy"** they organised the talk in the following topics.

1. Introduction to Renewable energy

2. Solar energy and its utilization

3. Wind power

They started their talk with the problems facing Indian power industry and its choices. They described the solar energy potential in India and its utilization for power generation. They explained the wind power generation potential and how it helps the grid in meeting the demand. The seminar ended with the student's interaction. At the end of the session Mr. P. Sakthivel, Third year delivered vote of thanks.

The Seminar talk on "Renewable Energy" was delivered by Mr. S. Mohamed Aajith, Mr. K. Sundaresan and Mr. R. Abishek, of Final year

HoD/EEE

Principal

ACADEMIC YEAR 2021-2022(EVEN SEM)

ASSOCIATION ACTIVITIES

MARCH 2022

SI NO	NAME OF THE EVENT	RESOURCE PERSON	CONDUCTED DATE
1	Value Added course on "MATLAB" Introduction to M-File Module	Mrs.T.Selvasankari, AP/EEE Mr.S.Manikandan, AP/EEE Mr.M.Muthukumar, AP/EEE Ms.B.Lavanya, AP/EEE	19.03.2022
2	Guest lecture on " An Introduction to MEMS technology"	Mrs.T.Selvasankari, AP/EEE	23.03.2022
3	Value Added course on "MATLAB" Introduction to Simulink module	Ms.B.Lavanya, AP/EEE Mrs.T.Selvasankari, AP/EEE Mr.M.Muthukumar, AP/EEE	26.03.2022
4	Guest lecture on " Applications of Power transformers"	Mr.M.Muthukumar, AP/EEE	30.03.2022

Weekly Association Activity Report

Name of the Activity   : Guest Lecture

Title of the Lecture   : Applications of Power Transformer

Name of the resource person   : Mr.M.Muthukumar, M.E., AP/EEE

Date & Venue   :30.03.2022, EE107

Number of Student attended   :44

Summary of the Guest lecture:

The guest lecture on **"Applications of Power Transformer"** was delivered by Mr.M.Muthukumar. He described about the construction and working of power transformer. Later he elaborated the performance of power transformer under no load and on load conditions. Also he explained, how to calculate the performance and power loss at different loading conditions through indirect methods. The lecture ended with the student's interaction. At the end of the session Mr. RM. Kumar, Third year delivered vote of thanks.

The guest lecture on "Applications of power transformer" was delivered by

Mr.M.Muthukumar, AP/EEE.

HoD/EEE

Principal

Weekly Association Activity Report

Name of the Activity : Guest Lecture

Title of the Lecture :An Introduction to MEMS Technology

Name of the resource person :Mrs. T. Selvasankari, M.E., AP/EEE

Date & Venue :23.03.2022, EE107

Number of Student attended :45

Summary of the Guest lecture:

The guest lecture on "An **Introduction to MEMS Technology**" was delivered by Mrs.T.Selvasankari. She started the lecture with an introduction to MEMS technology. She elaborated the fabrication process namely bulk machining and surface micromachining process and also explained the importance of MEMS in Biomedical and Automobile engineering. The lecture ended with the student's interaction. At the end of the session Mr. K. Sundaresan, Final year delivered vote of thanks.

The guest lecture on "**An Introduction to MEMS Technology**" was delivered by

Mrs.T.Selvasankari, AP/EEE.

HoD/EEE

Principal

REPORT OF IQAC ACTIVITIES FOR MONTH JUNE 2022

DEPARTMENT OF CIVIL ENGINEERING ASSOCIATION ACTIVITIES

Title of the activity : Guest Lecture
Date : 07-06-2022.
Time : 11.00 a.m– 12.00 noon
Venue : 106 Seminar hall.

Sl.No	Resource person	Topic of Seminar
01	Dr.C.Sivanesan, Professor and HoD / ACGCET, Karaikudi	Modeling Road Accidents On Undivided Two-lane Highways Under Mixed Traffic Conditions

Summary: An effective presentation on "Modeling Road Accidents On Undivided Two-lane Highways Under Mixed Traffic Conditions" was held for budding Civil Engineering students (For all years), the resource person Dr.C.Sivanesan, Professor and HoD / ACGCET, Karaikudi explained in detail about the various highways in Tamilnadu and the root causes of road accidents with regards to faulty geometric design of highways and other causes from pedestrians. He comprehensively answered various questions asked from students of Civil Engineering. Student feedback was positive and they felt that the session was informative and useful. The programme conducted successfully by the Support, Valuable guidance and Encouragement of Principal and Management

Dr.C.Sivanesan explaining Modeling road accidents on undivided two-lane highways under mixed traffic conditions in Civil Engineering

ASSOCIATION CO-ORDINATOR   HOD- CIVIL ENGG   PRINCIPAL

REPORT OF IQAC ACTIVITIES FOR MONTH MAY 2022

Title of the activity : Webinar.
Date : 16-05-2022.
Time : 3:30 p.m – 4:20 p.m.
Venue : 106 Seminar hall.

Sl.No	Resource person	Topic of Seminar
01	Er.N.Balakumar M.E	" Overview of Foundation Engineering"

Summary: A webinar was conducted by Er.N.Balakumar M.E on "Overview of Foundation Engineering" he clearly explained about the basic fundamentals of Foundation Engineering, their classification and the various types in both shallow and deep foundation design methods . The seminar gave an opportunity for the students to understand basic concepts in a much better way.

Webinar slides on " Overview of Foundation Engineering" by Er.N.Balakumar

IQAC CO-ORDINATOR   HOD- CIVIL ENGG   PRINCIPAL

REPORT OF IQAC ACTIVITIES FOR MONTH MAY 2022
DEPARTMENT ASSOCIATION ACTIVITIES

1. TECHNICAL SEMINAR

First association activity is held on **09.05.2022**. Monday in civil engineering department seminar hall Room no 209.Second year, third year, final year students and all faculty members from department of civil engineering attended the function.

The association activities was inaugurated with welcome address to the students and staff by the Mr.V.Balakrishnan.

The students from civil engineering department **P.JAYARAMAN AND M.KARTHIKEYAN** (B.E., Third year) presented **TECHNICAL SEMINAR** on the **ELASTICITY AND PLASTICITY** to convey acquired facts to improve the student's professional knowledge.

P.Jayaraman and M. Karthikeyan (B.E., Third year) presented the seminar

REPORT OF IQAC ACTIVITIES FOR MONTH MAY 2022

DEPARTMENT ASSOCIATION ACTIVITIES

2. TECHNICAL SEMINAR

Second association activity is held on on **09.05.2022**, Monday in civil engineering department seminar hall Room no 209.Second year, third year, final year students and all faculty members from department of civil engineering attended the function.

The association activities was inaugurated with welcome address to the students and staff by the Mr.V.Balakrishnan.

The student from civil engineering department **R.SAWADAMUTHU** (B.E., Second year) presented **TECHNICAL SEMINAR** on the **PREFABRICATED STRUCTURES** to convey acquired facts to improve the student's professional knowledge.

The student from civil engineering department **K.MANO** (B.E., Second year) presented **TECHNICAL SEMINAR** on the **PRESTRESSED CONCRETE STRUCTURES** to convey acquired facts to improve the student's professional knowledge.

R.SAWADAMUTHU and K.MANO (B.E., Second year) presented the seminar

REPORT OF IQAC ACTIVITIES FOR MONTH MAY 2022

Title of the activity	: Workshop
Date	: 04-05-2022.
Venue	: 106 Seminar hall.

Sl.No	Resource person	Topic of Seminar
01	Dr. C.Subramaian, Professor / ACGCET, Karaikudi	Optimization in Civil Engineering

Summary: An effective presentation on "Optimization in Civil Engineering" was held for budding Civil Engineering students (For all years). the resource person Dr. C.Subramaian, Professor / ACGCET, Karaikudi explained in detail about the optimization stage of the engineering design process is a systematic process using design constraints and criteria to allow the designer to locate the optimal solution. In an engineering design approach, both analysis. And optimization are employed before any prototype work is started. He comprehensively answered various questions related to job opportunities for fresh Civil Engineering Graduates in Govt. Sector. Student feedback was positive and they felt that the session was informative and useful. The programme conducted successfully by the Support, Valuable guidance and Encouragement of Principal and Management.

Dr.C.Subramanian Explaining Optimization Techniques in Civil Engineering

REPORT OF ASSOCIATION ACTIVITIES FOR MONTH MARCH 2022
DEPARTMENT ASSOCIATIONACTIVITIES

3. TECHNICAL SEMINAR

Third association activity is held on **25.04.2022**, Monday in civil engineering department seminar hall Room no 209.Second year, third year, final year students and all faculty members from department of civil engineering attended the function.

The association activities was inaugurated with welcome address to the students and staff by the head of the department Mr.S.VIJYABASKARAN.

The student from civil engineering department **Z.Ashika roshan banu** B.E(Third year) presented TECHNICAL SEMINAR on the **BASIC TERMS OF CIVIL ENGINEERING** to convey acquired facts to improve the student's professional knowledge.

Z.Ashika roshan banu B.E final year presented the technical seminar

Based on three round, Second year civil engineering student A.S.Pandiya and S.Sudhanktty

won the first place

A.S.Pandiya and S.Sudhanktty presented the technical seminar.

ASSOCIATION CO-ORDINATOR   HoD/CIVIL ENGG   PRINCIPAL

REPORT OF ASSOCIATION ACTIVITIES FOR MONTH MARCH 2022
DEPARTMENTASSOCIATIONACTIVITIES

2. TECHNICAL SEMINAR

Second association activity is held on **18.04.2022**, Monday in civil engineering department seminar hall Room no 209.Second year, third year, final year students and all faculty members from department of civil engineering attended the function.

The association activities was inaugurated with welcome address to the students and staff by the head of the department Mr.S.VIJYABASKARAN.

The student from civil engineering department **A.S.Pandian and S.Sudhankuttuy** (B.E., Second year) presented TECHNICAL SEMINAR on the **EARTHQUAKE RESISTANCE CONSTRUCTION USING BASE ISOLATION TECHNIQUE** to convey acquired facts to improve the student's professional knowledge.

S.Sudhankuttuy and Pandiyan B.E Second year presented the seminar

REPORT OF ASSOCIATION ACTIVITIES FOR MONTH APRIL 2022
DEPARTMENT ASSOCIATIONACTIVITIES

1. TECHNICAL SEMINAR

First association activity is held on **04.04.2022**, Monday in civil engineering department seminar hall Room no 209.Second year, third year, final year students and all faculty members from department of civil engineering attended the function.

The association activities was inaugurated with welcome address to the students and staff by the Mr.V.Balakrishnan.

Mr.S.VIJYABASKARAN Associate Professor and HoD presented Technical Seminar on the **PERMEABILITY OF SOIL** to convey acquired facts to improve the student's professional knowledge.

Mr.S.VIJYABSKARAN presented the seminar

REPORT OF DEPARTMENT ACTIVITIES FOR MONTH MARCH 2022

DEPARTMENT ASSOCIATION ACTIVITIES

4. TECHNICAL SEMINAR

First association activity is held on **04.04.2022**, Monday in civil engineering department seminar hall Room no 208.Second year, third year, final year students and all faculty members from department of civil engineering attended the function.

The association activities was inaugurated with welcome address to the students and staff by the head of the department Mr.S.Vijayabaskaran

The student's from civil engineering department **MOHAMED ALIYAR** (IIIrd year), **NAGARAJ** (IIIrd year), **MANIKANDAN** (IIIrd year), **MUTHUPALANIYAPPAN.R** (IInd year), **SAWADAMUTHU.R** (IInd year), presented TECHNICAL SEMINAR on the **BIO-MEDICAL WASTE MANAGEMENT, MAINTENANCE AND REPAIR , RAILWAY POINTING AND CROSSING** to convey acquired facts to improve the student's professional knowledge.

Mohamed Aliyar presented the technical seminar on Bio-medical waste management

Based on three round, Third year civil engineering student Mohamed Aliyar won the first place and second year student R.Muthupalaniyappan, R.Sawadamuthu got second place.

R.Muthupalaniyappan, R.Sawadamuthu presented the technical seminar on Railway pointing and crossing.

DEPT. ASSOCIATION CO-ORDINATOR   **HoD/CIVIL**   **PRINCIPAL**

HOD Civil
Shanmuganathan Engineering College
Arasampatti

REPORT OF DEPARTMENT ACTIVITIES FOR MONTH MARCH 2022
DEPARTMENT ASSOCIATION ACTIVITIES

3. TECHNICAL SEMINAR

First association activity is held on **28.03.2022**, Monday in civil engineering department seminar hall Room no 208.Second year, third year, final year students and all faculty members from department of civil engineering attended the function.

The association activities was inaugurated with welcome address to the students and staff by the head of the department Dr.D.Selvakumar.

The student from civil engineering department **PIRAVEEN.S** B.E (final year) presented TECHNICAL SEMINAR on the **ZERO ENERGY BUILDING** to convey acquired facts to improve the student's professional knowledge.

Praveen B.E final year presented the technical seminar on zero energy building

REPORT OF DEPARTMENT ACTIVITIES FOR MONTH MARCH 2022
DEPARTMENT ASSOCIATION ACTIVITIES

2. TECHNICAL SEMINAR

First association activity is held on **28.03.2022**, Monday in civil engineering department seminar hall Room no 208.Second year, third year, final year students and all faculty members from department of civil engineering attended the function.

The association activities was inaugurated with welcome address to the students and staff by the head of the department Dr.D.Selvakumar.

The student from civil engineering department **MADHUMITHA.G** (M.E., first year) presented TECHNICAL SEMINAR on the **RABID HARD AND CEMENT CONCRETE** to convey acquired facts to improve the student's professional knowledge.

Madhumitha M.E first year presented the seminar

REPORT OF DEPARTMENT ACTIVITIES FOR MONTH MARCH 2022

DEPARTMENT ASSOCIATION ACTIVITIES

1. TECHNICAL SEMINAR

First association activity is held on **21.03.2022**, Monday in civil engineering department seminar hall Room no 208.Second year, third year, final year students and all faculty members from department of civil engineering attended the function.

The association activities was inaugurated with welcome address to the students and staff by the head of the department Dr.D.Selvakumar.

Dr.G.MAHESHWARAN Professor and Deen deliver the valuable message on the **JOB ORIENTED MOTIVATIONAL SPEECH** to convey acquired facts to improve the student's professional knowledge.

Dr.G.Maheshwaran delivering the speech

DEPARTMENT ACTIVITY REPORT FROM JUNE 2022 - APRIL 2021

MOTIVATIONAL PROGRAMME

The Science and humanities department conducted a student motivation program on 24.06.2022. Ms.RV.Thenmozhi, 1st year student welcome and the gathering the function. Dr.KL.Muthuramu, Principal felicitated the program.

The Chief guest and speaker of this program was Mr. K.Valliyappan, Government Higher secondary School, Thirumayam as Post graduate Tamil teacher. The Chief guest who himself is a source of motivation to students gave encouraging examples from her own life and inspired students to be a self-motivator. He discussed the importance of positive thinking and attitude which brings optimism into life and such constructive changes can make one brighter and more successful. This program helped for first year students to be guided by a positive mind and driven by self-motivation. Mr. B.Vijay, 1st year student, proposed vote of thanks.

SPORTS DAY AND ANNUAL DAY

Our College celebrate 21st sports day and Annual day celebration on 16.06.2022. Our First year students participated in various events and get the medals and certificates.

BLOOD DONATION CAMP

Our NSS units of Shanmuganathan Engineering College organized a Blood donation camp on 08.06.2022. Govt.Medical college – Pudukkottai,Govt.Blood Bank-Pudukkottai and UGPHC-Nachanthupatti jointly organised in the blood donation camp.Our First year students 08 members donated their blood.

HIV-AIDS AWARENESS PROGRAM

Tamilnadu state AIDS control society and YRC/RRC cell of our college jointly organized a HIV-AIDS awareness program on **17.05.2022** Tuesday.

Mr. KM.Ramasamy,Positive speaker,President-PDPS+ addressed the function. All the first year students attended this function.

GUEST LECTURE

The Ninth association activity is held on **27.05.2022**, **Dr. S. Ponmani, Assistant professor/Physics,** deliver a special session to all the first year students on the topic of **SYNTHESIS AND CHARACTEIZATION OF POLYMER ELECTROLYTES.** All the first year students were benefitted.

NATIONAL LEVEL TECHNICAL SYMPOSIUM

A National level Technical Symposium **TechieFest 2022** is held on **25.05.2022 (Wednesday)** exclusively for first year students.

Dr.KL.Muthuramu, Principal & the special guest Dr. N. Suganthy, Assistant Professor, Department of Nano science & Technology, Alagappa Univeristy inaugurated the symposium. The special guest gave a key note address on the recent developments in Nano science and technology. Dr.P. Manikandan, Correspondent and Dr.KL. Muthuramu, Principal distributed the prizes to the winners in the valedictory ceremony. More than 80 students from the various colleges have participated in the symposium.

GUEST LECTURE

The Eighth association activity is held on **20.05.2022**,**Ms.K.Divya,Assistant Professor/Chemistry,** deliver a special session to all the first year students on the topic of **DEVELOPMENT OF POLYMER NANOCOMPOSITE PROTON EXCHANGE MEMBRANES FOR ELECTROCHEMICAL ENERGY DEVICES**, all the first year students were benefitted and get the knowledge from different types of polymer and their uses.

GUEST LECTURE

The seventh association activity is held on **13.05.2022**, at smart classroom no. 106. All the first year students and all the faculty members from the department of science and humanities attended the function.

Ms. R.Kalliammal, Assistant Professor/Physics deliver a special session on the **CRYSTAL GROWTH FOR NONLINEAR OPTICAL APPLICATIONS**, all the first year students were benefitted and get the knowledge from crystal growth and types of crystals.

TECHNICAL SEMINAR

The sixth association activity is held on **07.05.2022.** The student from the ECE department **S.Rajeshwaran** presented on the topic of **Processor.** All the first year students were benefitted and acquire the knowledge of processor.

QUIZ PROGRAMME

       The fifth association activity is held on **06.05.2022**, **RV.Thenmozhi** and **R. Sundharavathana** were conducted quiz for all first year students. All the students were actively participate and enjoy the session.

QUIZ PROGRAMME

The Fourth association activity is held on **29.04.2022**, The student from the Civil Engineering department A.**Abirami** and **M.Swathi** conducted quiz for all the first students.

MOTIVATIONAL PROGRAMME

As a part of association activity, Motivational programme were conducted on **23.04.2022**, Principal and all the department HoD's were present on that event and students were motivated.

SPEAKING SKILS

  The second association activity is held on **22.04.2022**, at Smart classroom No. 106. All the first year students and all the faculty members from the department of science and humanities attended this function.

  The student from CSE department **S.Kaviharshini and N.Kanagadharshini** were actively participated in the interactive session on speaking skills. The first year students were benefitted and acquire the knowledge of the speaking skills and they improve the speaking skill knowledge.

SPEECH COMPETITION

Tamil development department (Pudukkottai District) organized a speech competition to commemorate the birth anniversary of Dr.B.R.Ambedkar on **19.04.2022** at Ranees government Girls Hr.Sec.School,Pudukkottai. Our first year CSE Department student **K.Thrisha** YRC/RRC volunteer participated in the speech competition.

. TECHNICAL SEMINAR

The first association activity is held on **09.04.2022**, at Smart classroom No. 106. All the first year students and all the faculty members from the Department of science and humanities attended this seminar.

The association activity was inaugurated with welcome address by the head of the department Dr. N.Vennila.

The student from the CSE department **A.Maheshwari & S.Alagia Anna Poorani** were presented on the topic of **Electric vehicles**.

Then **CT.Swetha** and **R.Soundariya** were presented on the topic of **Mars.** students get knowledge from electric vehicles and mars.

IQAC REPORT FOR TRAINING & PLACEMENT CELL 2021 – 2022

- **Online Training on "Aptitude & Technical Skills"** - In order to face TCS NQT and upcoming examinations such as Infosys, WIPRO, CTS, etc our resource person **Mr. V. Janakiraman** from **Silicon Services Madurai** gave three days training on **"Aptitude & Technical Skills"** from **23.7.2021 to 25.7.2021** to our final year students via online in free basis. About 106 final year students from all departments participated in the training program.
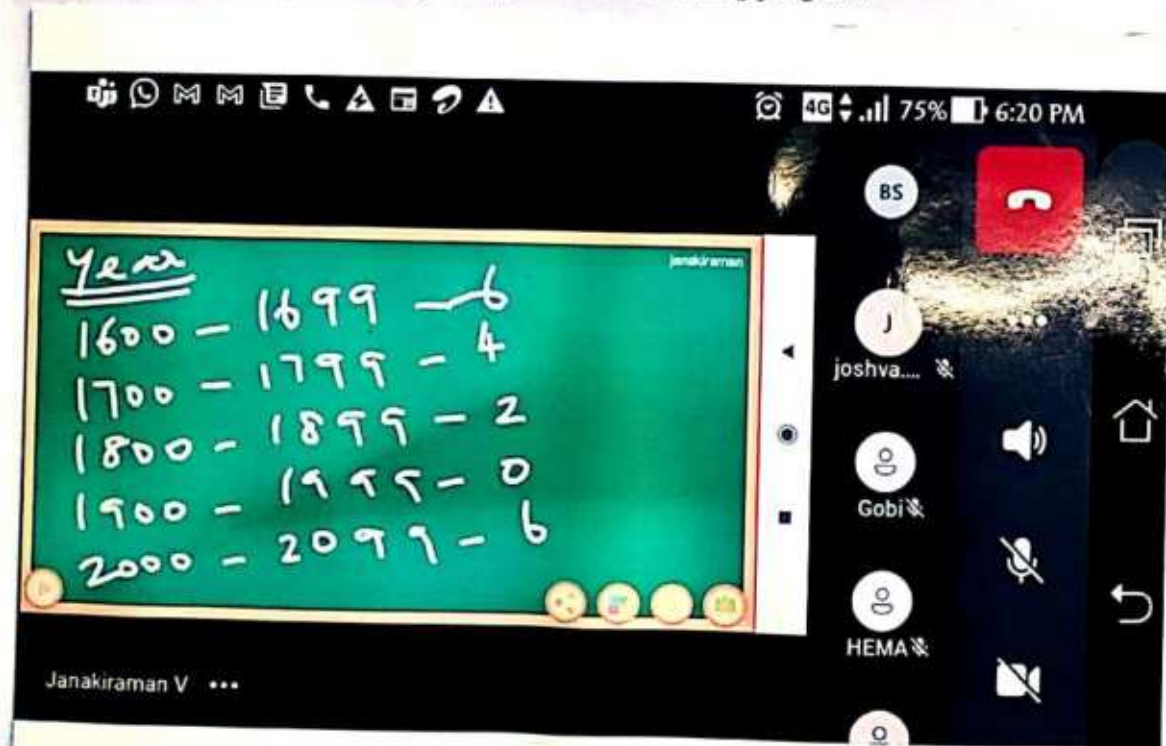
Mr. V. Janakiraman gave a webinar in Aptitude & Technical Skills

- **Online Self-Paced Training on "Aptitude & Soft Skills"** - In order to face TCS NQT 2021 eligible students from final year attended the Training on **"Aptitude & Soft Skills"**, conducted by **FACE, Coimbatore** from **27.7.2021** onwards via online. About 14 Students in final year from Various disciplines participated in the program.
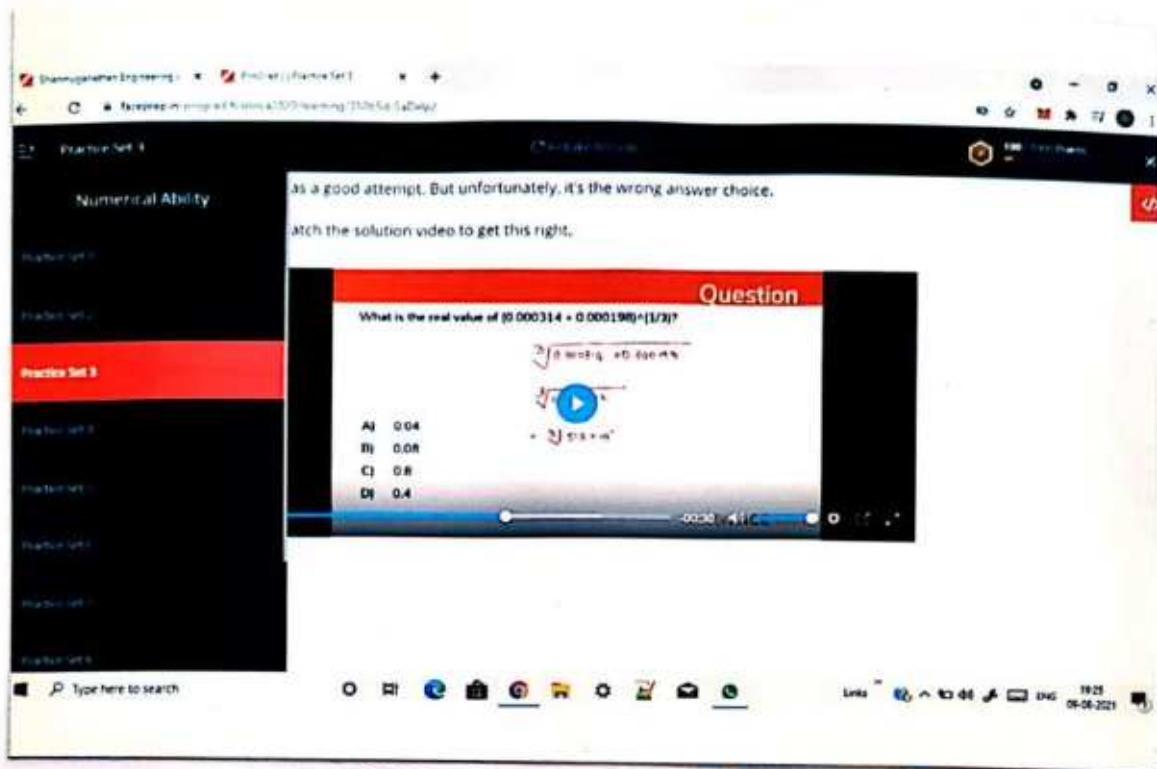
Self-Paced Training on "Aptitude & Soft Skills"

- **Webinar on "Importance of GATE"** - In order to make Awareness about GATE Examination, our Resource person **Mr.S.Sivakumar, B.E., MBA, CEO of Trichy Plus, Director of GATE Forum Trichy,** conducted a Webinar on **"Importance of GATE"** by 6.30 pm on **25.9.2021.** Students of third year & final Year from all departments participated in the program.
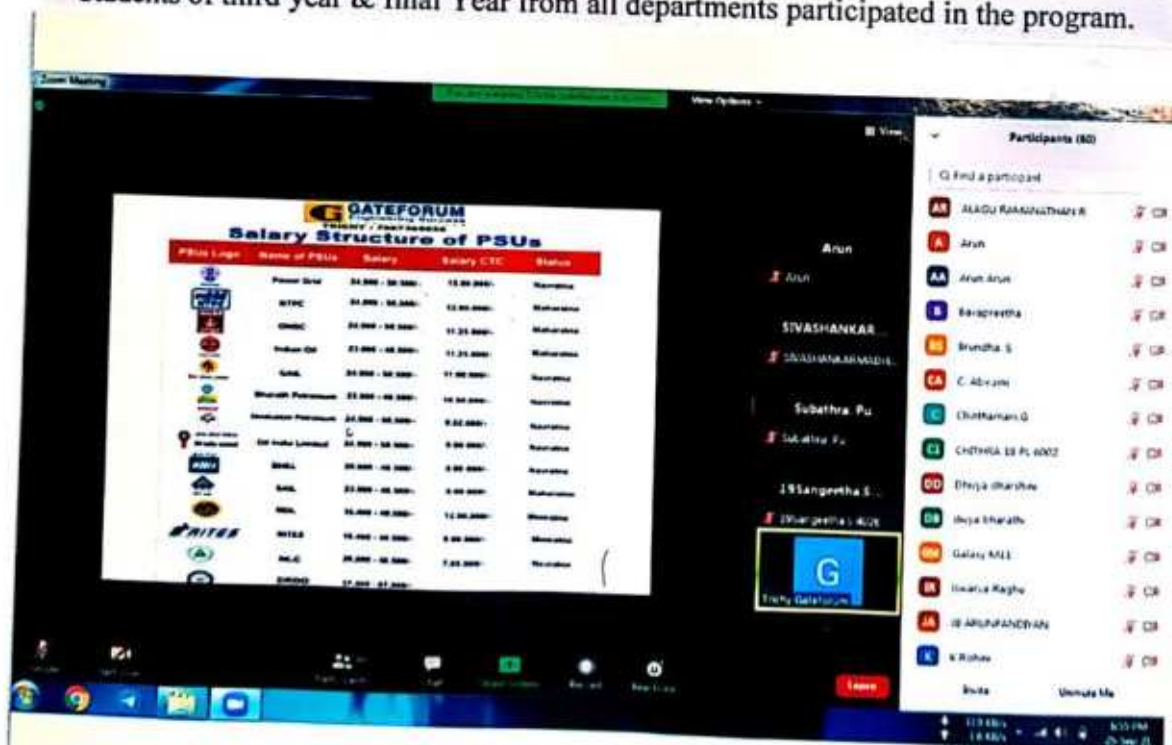
Mr. S. Sivakumar conducting the webinar

- **Online Training on "Enhancement of Technical Skills"** - In order to enhance the technical skills of our final year students who have cleared the TCS National Qualifiers Test on 29.9.2021. Our resource person **Mr.J.Gautam Prakash from V7 Lancers Academy, Madurai** organized training on **"Enhancement of Technical skills"**, on **2.10.2021** via online mode. Students who cleared TCS NQT participated in the program.

Mr. J. Gautam Prakash conducted the webinar

- **Online Training on "Aptitude Skills"** - To face the upcoming competitive examinations FACE, Coimbatore conducted a **five days training** on "Aptitude Skills" from 6.10.2021 to 9.10.2021 & 11.10.2021 via online. Final year students of all departments participated in the program.

A Webinar on Aptitude skills conducted by FACE

- **Online Workshop on "Think Algo"** - In order to initiate the problem solving ability of our students. FACE, Coimbatore conducted a **two days workshop** on "Think Algo" from 15.11.2021 to 16.11.2021 via online mode. Students from second year & third year of Circuit Branches participated in the program.
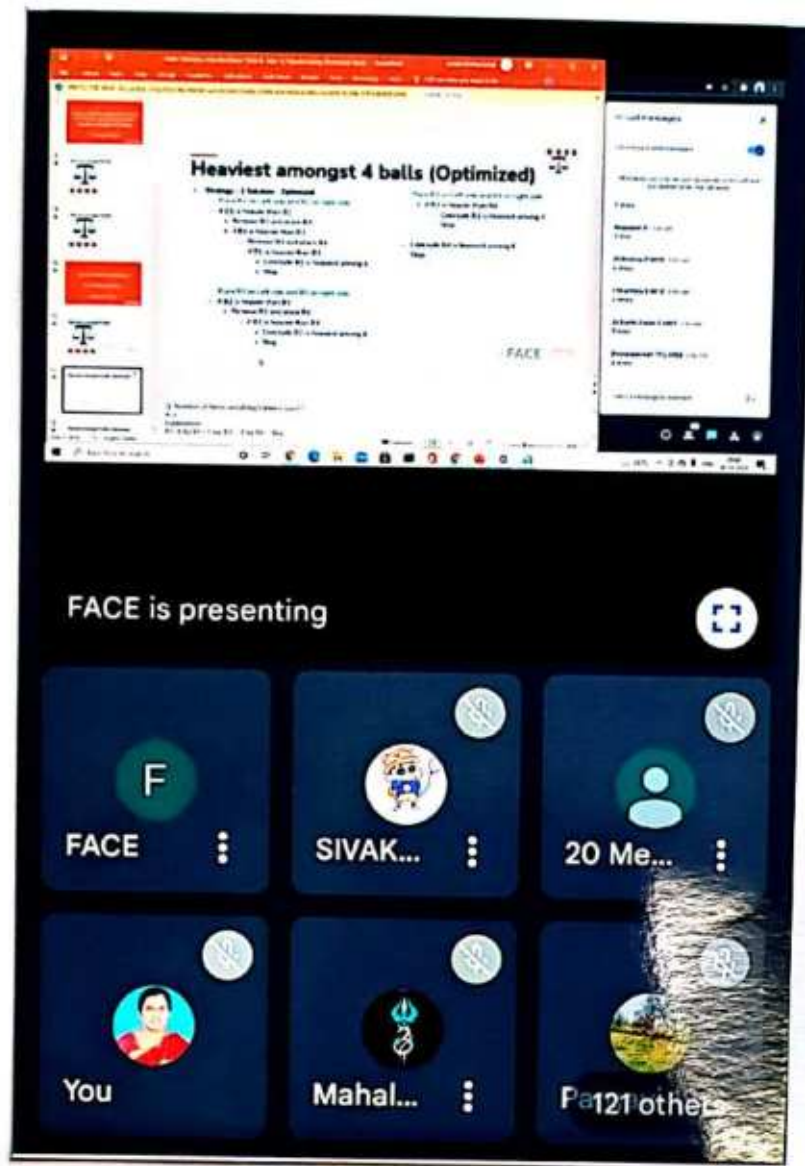
Online Workshop Think Algo

- **Webinar on "How to land an off-campus tech-job before you graduate"** - In order to increase the placement rate of students, Our resource person **Mr.Aravind Ragunathan, Head - Training & Products, FACE, Coimbatore,** conducted a webinar on **"How to land an off-campus tech-job before you graduate"** on **16.12.2021** via online mode. Final year students of all branches participated in the program.

Agenda

- Market scenario – Who's hiring?
- The on-campus season – what can we learn?
- What should be your Placement Quotient?
- How can FACE Prep help you?

FACE Prep

Mr. Aravind Ragunathan conducted the webinar

- **Career Guidance Program** - In order to increase the students placement in our college, our Resource person **Dr. G. Maheswaran Professor / Dean Research,** delivered a motivational speech to students on **25.3.2022**. He guided the students to improve them to get placed in reputed organisations. Final year students of all branches attended the program.

Dr. G. Maheswaran at Career guidance program

- **Placement Assistance Program on "Empower yourself through Livewire"** - In order to describe the scope of placement in various technological domins, our resource person **Mr. Seeman, Regional Manager-Tamilnadu, CADD Center & Mr. R. Sudarshan Pillai, Head-Livewire**, conducted a seminar on **"Empower yourself through Livewire"** on **31.3.2022**. Final year students of Electronics and Communication Engineering & Computer Science and Engineering attended the program.

Mr. Sudarshan Pillai delivered the speech

- **On Campus Drive** - Training & Placement cell and IQAC jointly organises an **"On Campus Drive"** for final year Mechanical Engineering, Electronics & Communication Engineering and Electrical & Electronics Engineering on **8.4.2022**. **Wonjin Autoparts India Pvt.ltd & Dong Ah Electric India Pvt.ltd** visited our campus for recruitment. About 36 Students got placed in the above companies.

Final Year students placed on Campus Drive

- **TECHKNOW 2022** - A Two days in person seminar & job fair organised in Anna University by All India manufacturers organisation, Anna University & Consortium of Indian Associations on **22.4.2022** and **23.4.2022**. **Six of our students from final year along with our faculty** utilized the opportunity and benefited from the seminar. They also participate in job fair & registered themselves with various companies for further processing related to job opportunities.


Six of our students along with our faculty at TECHKNOW 2022

- **Webinar on "Journey towards first job"** - In order to motivate & guide our students to get placed in various reputed organisations, our host **Mr. G. Maheshkumar, Cellular Software Developer, Apple Inc., Bengaluru** delivered a webinar on **"Journey towards first job"** on **28.5.2022.** All the third year & final year students participated in the program.

Mr. G. Maheshkumar conducted the webinar

- **TNPSC Awareness program** - In order guide the students about the opportunities in government services our resource person and our college faculty **Mr. G. Sajeev Sathiyan, Asst. Training & Placement Coordinator,** delivered a motivational speech and guided the students on 'how to secure a governmnet job' to **second year and third year students of Electronics and Communication Engineering** on **4.6.2022.** He also shared his personal experience with the exam in detail.
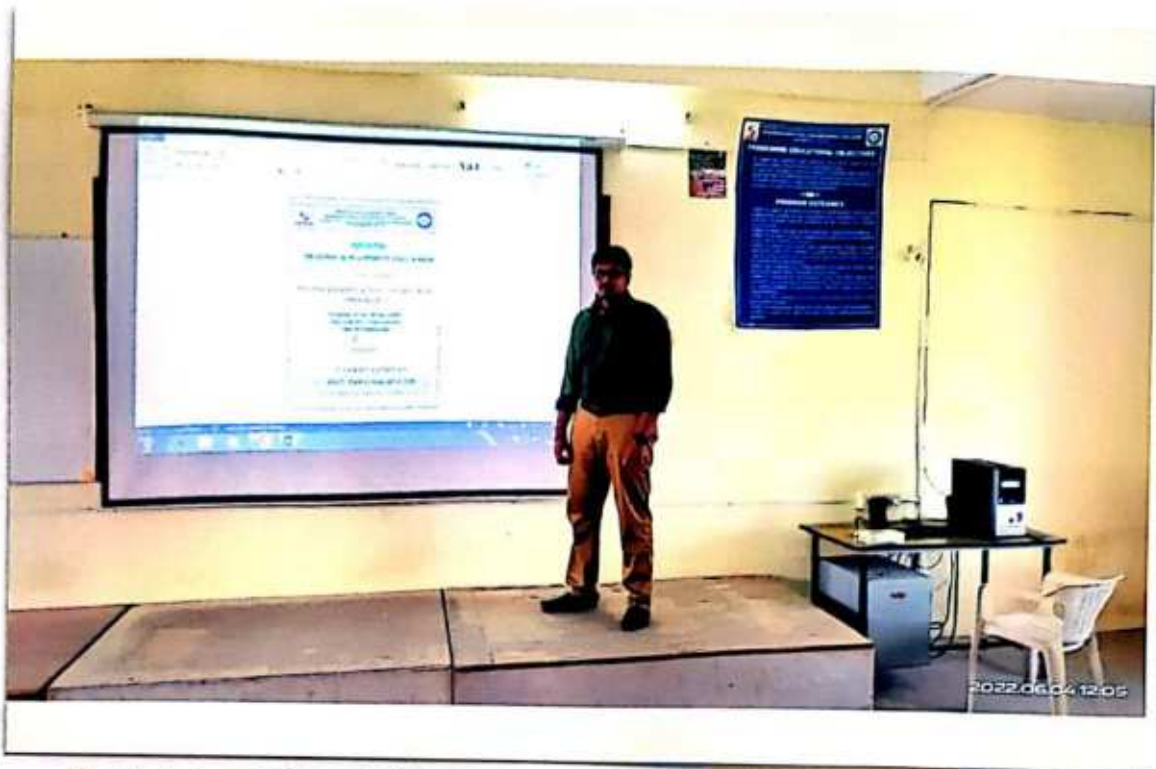
Mr. G. Sajeev Sathiyan delivered a lecture in TNPSC Awareness Program

- **Seminar on TNPSC Examinations** - In order to guide the students about the placement opportunities in government sector, and to face competitive exams our resource person and our college faculty **Mr. G. Sajeev Sathiyan, Asst. Training & Placement Coordinator,** delivered a motivational speech and guided the students of **first year** from all branches on **14.6.2022**. He also discussed various methods of time management and acquiring necessary skills for facing the exam.

Mr. G. Sajeev Sathiyan delivered a lecture in TNPSC Awareness Program

TRAINING AND PLACEMENT CELL
SHANMUGANATHAN ENGINEERING COLLEGE
ARASAMPATTI – 622 507
Accredited by NAAC, Approved by AICTE,
An ISO 9001:2015 Certified Institution

TÜV
SÜD

TRAINING ACTIVITIES AND INITIATIVES DETAILS

ACADEMIC YEAR 2021-2022 (ODD-SEMESTER)

S.NO	NAME OF THE PROGRAMME	ORGANIZER	DATE /DURATION	TARGET STUDENT
1.	ONLINE TRAINING	SILICON SERVICES, MADURAI	23.07.2021-25.07.2021	ALL THE FINAL YEAR STUDENTS
2.	SELF-PACED TRAINING	FACE,COIMBATORE	27.07.2021	14 TCS ELIGIBLE STUDENTS
3.	WEBINAR IN "IMPORTANCE OF GATE"	GATE FORUM,TRICHY	25.09.2021	THIRD & FINAL YEAR STUDENTS
4.	TRAINING TO ENHANCE TECHNICAL SKILLS	V7 LANCERS ACADEMY,MADURAI	02.10.2021	SHORTLISTED STUDENTS FROM TCS
5.	TRAINING IN APTITUDE SKILLS	FACE,COIMBATORE	06.10.21-09.10.2021 &11.10.2021	ALL THE FINAL YEAR STUDENTS
6.	TWO DAY WORKSHOP ON "THINK ALGO"	FACE,COIMBATORE	15.11.2021-16.11.2021	SECOND YEAR &THIRD YEAR STUDENTS FROM CIRCUIT BRANCHES
7.	WEBINAR ON "How to land an off- campus tech - job before you graduate?"	FACE,COIMBATORE	16.12.2021	ALL THE FINAL YEAR STUDENTS

T & P COORDINATOR

Training and Placement Coordinator
Training and Placement Cell
Shanmuganathan Engineering College
Arasampatti - 622 507, Pudukottai Dist, Tamil Nadu

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TÜV
SÜD

TRAINING ACTIVITIES AND INITIATIVES DETAILS

ACADEMIC YEAR 2021-2022 (EVEN - SEMESTER)

S.NO	NAME OF THE PROGRAMME	NAME OF THE TRAINER OR PROVIDER	DATE /DURATION	TARGET STUDENT
1.	CAREER GUIDANCE PROGRAM	DR. G. MAHESWARAN PROFESSOR/DEAN RESEARCH	25.03.2022	ALL THE FINAL YEAR STUDENTS
2.	PLACEMENT ASSISTANCE PROGRAM ON "EMPOWER YOURSELF THROUGH LIVEWIRE"	MR. R. SUDARSHAN PILLAI HEAD, LIVEWIRE & MR.SEEMAN REGIONAL MANAGER-TAMIL NADU, CADD CENTRE	31.03.2022	SECOND,THIRD & FINAL YEAR ECE and CSE STUDENTS
3.	TECHKOW2022	ANNA UNIVERSITY & ALL INDIA MANUFACTURERS ORGANIZATION	22.04.2022 & 23.04.2022	CIVIL,CSE & EEE STUDENTS

T & P COORDINATOR

Training and Placement Coordinator
Training and Placement Cell
Shanmuganathan Engineering College
Arasampatti - 622 507, Pudukottai Dist, Tamil Nadu

SHANMUGANATHAN ENGINEERING COLLEGE

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ARASAMPATTI- 622507.

REGULAR ACTIVITY REPORT

ACADEMIC YEAR 2021-2022
NSS UNITS

"NOT ME, BUT YOU"

NATIONAL SERVICE SCHEME
SHANMUGANATHAN ENGINEERING COLLEGE,
(Approved by AICTE & Affiliated to ANNA University, Chennai)
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ARASAMPATTI- 622507.
ANNA UNIVERSITY, CHENNAI 600 025

ACADEMIC YEAR 2021-2022

SL NO	Name of the Activity	Organising Unit/Agency/Collaborating Agency	Date of Activity	Name of the Scheme	Year of the Activity	Number of Staffs/Students Participated in such Activities
1	73rd Republic Day	Shanmuganathan Engineering College NSS UNIT	26-01-2022	Regular Activity	2022	75
2	Flag Day and NFCH Celebration	Shanmuganathan Engineering College NSS UNIT	22-11-2021	Regular Activity	2021	101
3	Fire - Safety Awareness Program	Shanmuganathan Engineering College NSS UNIT	29-10-2021	Regular Activity	2021	105
4	Legal Awareness Program	Shanmuganathan Engineering College NSS UNIT	13-09-2021	Regular Activity	2021	110
5	75th Independence Day Celebration	Shanmuganathan Engineering College NSS UNIT	15-08-2021	Regular Activity	2021	75+25
6	Covid Medical Insurance	Shanmuganathan Engineering College NSS UNIT	24-06-2021	Regular Activity	2021	75
7	Volunteer of TamilNadu Election Duty	Shanmuganathan Engineering College NSS UNIT	06-04-2021	Special Activity	2021	04

Signature of the Program officer

Signature of the Principal

Principal
Shanmuganathan
Engineering College
Arasampatti - 622 507

73rd Republic Day

      The 73rd Republic Day of India was celebrated with gaiety and patriotic fervour at our NSS unit of Shanmuganathan Engineering College on 26th January, 2022. The ceremony took place in the presence of Dr.Pichappa Manikandan, Correspondent and Mr.M.Viswanathan,Secretary. Dr.KL.Muthuramu,Principal welcomed the gathering. The ceremony commenced with the unfurling of the National Flag and Republic addressed by our Correspondent Dr.Pichappa Manikandan .Dr.M.Varatharajan, HoD, Electrical and Electronics Engineering proposed a vote of thanks.

Signature of the Program officer

Flag Day and NFCH Celebration

Our NSS unit of Shanmuganathan Engineering College to organise Essay Competitions on 22-11-2021 in view of National Foundation for Communal Harmony (NFCH) observes Communal Harmony Campaign Week, around 100 students are participated in the event . We are selected two student's essay 1.A.Leema and 2. V Atchaya

Signature of the Program officer

Fire - Safety Awareness Program

Our NSS unit of Shanmuganathan Engineering College and Tamilnadu Fire & Rescue Services Department, Thirumayam Station jointly hosted Diwali Fire Safety Awareness Program at our college Campus on 29th October, 2021.Dr.KL.Muthuramu, Principal presided over the function. The Tamilnadu Fire & Rescue Services, Thirumayam Station officer Mr. Thiyagarajan and his team conducted an awareness program for students to ensure Diwali celebrations with utmost safety. Mr.Thiyagarajan, station officer, Thirumayam delivered an inspiring speech. Taking the program ahead to promote safe fire practices to prevent fire accidents during Diwali celebrations. A lot of students witnessed this program.

Signature of the Program officer

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ARASAMPATTI –622507

NATIONAL SERVICE SCHEME (NSS)

<u>Legal Awareness Program</u>

The District Legal Services Authority, Pudukkottai and NSS unit of Shanmuganathan Engineering College on September 13, 2021(Monday) jointly organized a legal awareness camp in our college. Dr.KL.Muthuramu, Principal welcomed the gathering. The legal awareness camp presided by Mr.B.Raja, Sub-Judge and Secretary, District Legal Services Authority, Pudukkottai dealt with various benefits and services of District Legal Services and also highlighted of fundamental rights. Dr.M.Varatharajan, HoD, EEE Department proposed vote of thanks. A number of students, teaching and non-teaching staff were present at the legal awareness programme.

Signature of the Program officer

75th Independence Day Celebration

Our nation's 75th Independence Day on 15-08-2021, NSS unit of Shanmuganathan Engineering College celebrated in our college on today. Dr.KL.Muthuramu, Principal hoisting the national flag and delivered the Independence Day address.Dr.M.Varatharajan, HoD, EEE department welcomed the gathering. Dr.K.Senthamarai, HoD, Mechanical Engineering proposed a vote of thanks. All the HoDs, Faculty members and students have gathered in the celebration.

Signature of the Program officer

NSS Unit Organised Covid Medical Insurance Scheme for All Employees of Our College on 24-06-2021

Corona Medical Insurance for all staff of the College on behalf of NSS unit of Shanmuganathan Engineering College. This has resulted in numerous casualties so far. And there is the dilemma of having to save lives by spending large sums on private hospitals. As a result, many people are facing great difficulties economically. With this in mind, it was decided by the management of Shanmuganathan College of Engineering to provide corona medical insurance to all the staff, from the basic staff working there. Accordingly the full premium for Corona Medical Insurance of all the staff of the College was paid on behalf of the College Administration. Dr. Pichappa Manikandan, Rector of the College presented the check and contract form for the full premium to Mr. Selvaraj, Principal Consultant, United India Insurance Company, Karaikudi today (24-06-2021). The event was attended by the College Secretary Mr.M.Viswanathan and the Chief Minister Dr. KL. Muthuramu.The professors, office staff, laboratory assistants and all the staff expressed their heartfelt gratitude to the college administration.

Signature of the Program officer

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ARASAMPATTI -622507

NATIONAL SERVICE SCHEME (NSS)

Volunteer of Tamil Nadu Election Duty

The Shanmuganathan Engineering College students are act as a volunteers for tamilnadu election duty for the state assembly election of tamilnadu held on 06-04-2021

Signature of the Program officer