



SHANMUGANATHAN ENGINEERING COLLEGE
DEPARTMENT OF CIVIL ENGINEERING
ARASAMPATTI



DEPARTMENT OF CIVIL ENGINEERING ASSOCIATION ACTIVITIES

Title of the activity : Guest Lecture
Date : 03-09-2022.
Time : 11.00 a.m- 1.00 p.m
Venue : 106 Seminar hall.

Sl.No	Resource person	Topic of Seminar
01	Dr.S.DHARMAR, Associate Professor and HoD / Ramco Institute of Technology, Rajapalayam.	Employment opportunities in Civil Engineering

Summary: An effective presentation on "Employment opportunities in Civil Engineering" was held for budding Civil Engineering students (For all years), the resource person Dr.S.DHARMAR, Associate Professor and HoD / Ramco Institute of Technology, Rajapalayam explained in detail about the employment opportunities in state and central government sectors. 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.S.DHARMAR explaining Employment Opportunities in Civil Engineering



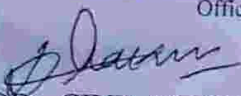
SHANMUGANATHAN ENGINEERING COLLEGE
DEPARTMENT OF CIVIL ENGINEERING
ARASAMPATTI

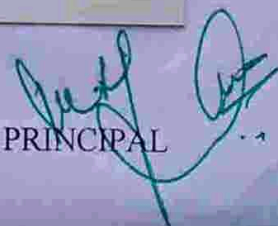


Dr.K.L.MUTHURAMU delivering his speech on Association Inaugural function



Office Bearers Introduction on Association Inaugural function


HOD - CIVIL ENGG.


PRINCIPAL



SHANMUGANATHAN ENGINEERING COLLEGE

Arasampatti - 622 507, Pudukkottai District.



Department of Civil Engineering

Organizes

One Day National Level Technical Symposium

YUKTHI 2K23

We cordially invite you to the inaugural function of the National Level Technical Symposium- YUKTHI 2K23 on 06th May 2023, at 09.30 a.m. in Seminar Hall 106

Felicitations

Dr.P.Manikandan

Correspondent

Mr.M.Viswanathan

Secretary

Presidential Address

Dr.KL.Muthuramu

M.E.(W.R.),M.E(S.E.),Ph.D.,M.I.S.T.E.,F.I.E.,C.M.I

Principal

Honoring the Chief Guest

Dr.G.Maheswaran, M.E.,Ph.D.

Dean Research

Inaugural Address

Dr.G.Dhinakaran, M.E.,Ph.D.

Assistant Professor

Anna University, CEG Campus.

Welcome Address

Dr.D.Selvakumar

Professor & HoD

Department of Civil Engineering

With best compliments from

Faculty members & Students

Department of Civil Engineering



SHANMUGANATHAN ENGINEERING COLLEGE
ARASAMPATTI-622507, THIRUMAYAM TALUK, PUDUKOTTAI DISTRICT, TAMILNADU.



DEPARTMENT OF CIVIL ENGINEERING

One Day National Level Technical Symposium

“YUKTHI 2K23”

Correspondent:

Dr.P.Manikandan

Shanmuganathan Engineering College
Arasampatti-622507

Secretary:

Mr.M.Viswanathan

Shanmuganathan Engineering College
Arasampatti-622507

Principal:

Dr.K.L.Muthuramu

Shanmuganathan Engineering College
Arasampatti-622507

Dean-Research:

Dr.G.Maheswaran

Shanmuganathan Engineering College
Arasampatti-622507

Head of the Department:

Dr.D.Selvakumar

Shanmuganathan Engineering College
Arasampatti-622507

Convenor:

Dr.P.Janaki

Associate Professor
Department of civil engineering
Shanmuganathan Engineering College
Arasampatti-622507

Staff Co-Ordinator:

Mr.V.Balakrishnan

Assistant Professor
Department of civil engineering
Shanmuganathan Engineering College
Arasampatti-622507

Mrs.J.Jaya

Department of civil engineering
Shanmuganathan Engineering College
Arasampatti-622507

Students Co-Ordinator

Final Year

Mr.S.Gokulnath, Student President

Ms.T.Alshifana, Vice President

Third Year

Mr.S.Sudhan kutty, Secretary

Ms.R.Devesree, Treasurer

Second Year

Mr.P.Singaram, Join Secretary

19.04.2023

To,
Head of the Department,
Department of Civil Engineering.

Dear Sir/Madam,

We pleased to inform you that the Department of Civil Engineering of Shanmuganathan Engineering College, Arasampatti, is organizing a One Day National Level Technical Symposium “YUKTHI 2K23” on 6th May 2023.

The symposium aims to provide an excellent platform to the participants from academic and research institutions to exchange new ideas and learn innovative concepts.

The brochure carrying the detailed information about the symposium is enclosed here with. We request you to display the same in your department notice board and kindly give widely publicity among your students and faculty, and encourage them to attend the same.

Thanking you,

With kind regards,

Email:

Yukthiseccivil2k23@gmail.com

Website:

www.shanmuganathanengg.in

Convenor

YUKTHI 2K23



SHANMUGANATHAN ENGINEERING COLLEGE
ARASAMPATTI, THIRU MAYAM TALUK, PUDUKKOTTAI DISTRICT - 622507
ACCREDITED BY NAAC & ISO 9001 : 2015 CERTIFIED INSTITUTION



DEPARTMENT OF CIVIL ENGINEERING
Proudly presents

ONE DAY NATIONAL LEVEL TECHNICAL SYMPOSIUM

Yukthi 2k23

TECHNICAL EVENTS

PAPER PRESENTATION

- SEISMIC ANALYSIS OF STRUCTURES
- MAINTENANCE AND REPAIR STRATEGIES
- STABILITY OF SLOPE
- NEW TRENDS IN WASTE WATER TREATMENT
- RECENT DEVELOPMENT IN SOLID WASTE MANAGEMENT
- GREEN CONCRETE
- UTILIZATION OF WASTE MATERIALS IN ROAD CONSTRUCTION
- LEAN CONSTRUCTION
- SUSTAINABLE AGRICULTURE

ON
6 MAY 2023

- PAPER PRESENTATION
- BLAST THE QUIZ
- BREAKERS OF CODES
- CADD DESIGN
- CONNECTION

CONFERENCE
COORDINATORS

- Dr.P. Janaki, Asso.Prof./Civil
- Mr .V. Balakrishnan.,M.E., AP/Civil
Mrs. J . Jaya.,M.E., AP/Civil



yukthi2023@shnec.ac.in

Registration fee - 200/-



FOR REGISTRATION



FOR WHATSAPP



yukthiphoto_2k23

ORGANIZER

Dr.P. JANAKI : +91 97896 44330
Mr.V.BALAKRISHNAN : +91 84899 62873



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
SHANMUGANATHAN ENGINEERING COLLEGE**

ARASAMPATTI - 622 507
Accredited by NAAC, Approved by AICTE,
An ISO 9001:2008 Certified Institution



Activity – Report

Name of Activity	: Workshop
Title of the Workshop	: Mobile app development with Android Studio
Name of the Resource Person	: Mr. K. Kaviyaran
Designation and Address	: Senior Project Engineer Marcello Tech, Thiruchirapalli
Date	: 01.04.2023
Target Audience	: Second Year CSE students
Number of Students	: 57
Venue	: 404
Summary of the Workshop	:

The resource person Mr. K. Kaviyaran explained the basics and importance about Android Studio.

The resource person demonstrated the procedure to create mobile app using android studio. He also explained how Bootstrap & CSS is used to style the webpage contents. Then he demonstrated the decorative features in Bootstrap.

The second year students utilized the Workshop and they practiced in Intelli J IDEA. They also learnt to apply design to app. At the end of the workshop they can be able to build their own application, responsive mobile app with Bootstrap.



Workshop on "Mobile app development with Android Studio" for second year CSE students



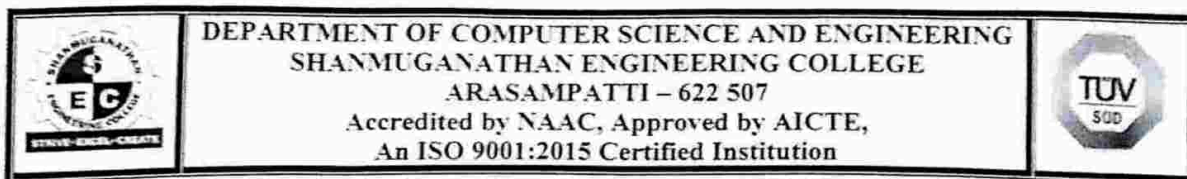
Workshop on "Mobile app development with Android Studio" for second year CSE students


HOD CSE

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


PRINCIPAL

Shanmuganathan
Engineering College
Arasampatti - 622 507



Activity – Report (EVEN SEM 2023-2024)

Name of Activity	: National Level Technical Symposium
Title of the Event	: Technopedia'23
Chief Guest	: DR. Micheal Arock, M.E., Ph.D.,
Designation and Address	: Professor & Head of the department Department of Computer Applications, National Institute of Technology, Trichy.
Date	: 29.04.2023
Target Audience	: All CSE students & Other College Participants.
Number of Students/staff	: 134 /08
Students Participants	
From other college	: 29
Venue	: Auditorium & Seminar hall (Room No.106)

Summary of the Events :

A National Level Technical Symposium TECHNOPEdia '2023 was held on 29.04.2023(Saturday) 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.C.Karthiga, Final cse, President of BOYCE Association introduced the Chief Guest.

DR.Micheal Arock,M.E.,Ph.D., Professor & Head of the department, Department of Computer Applications, National Institute of Technology, Trichy, Presided over the function. The Chief guest motivated the students by precious words. He insisted the students to develop their technical skills what they need. He 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 29 students have registered for various events from 7 various colleges.

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

Ms.S.Dhanam, Final cse, Secretary of BOYCE Association delivered the Vote of thanks.



Dr. K.L. Muthuramu Principal, SEC felicitates the Chief Guest with Shawl and Gift.



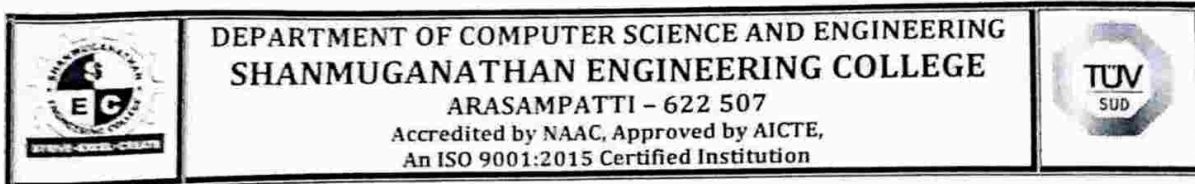
Students actively participating in the function.


HOD CSE

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


PRINCIPAL

Shanmuganathan
Engineering College
Arasampatti - 622 507



Activity – Report

Name of Activity	: External Guest Lecture
Title of the Lecture	: Introduction to Block Chain Technology
Name of the Resource Person	: DR. Micheal Arock, M.E., Ph.D.,
Designation and Address	: Professor & Head of the department, Department of computer applications, National Institute of Technology, Trichy.
Date	: 29.04.2023
Target Audience	: II Year Students
Number of Students / Staff	: 56 / 8
Venue	: 106
Summary of the Lecture	:

DR. Micheal Arock, M.E., Ph.D., gave a clear cut explanation about **Block Chain Technology**, like where it is used now a days, merits and demerits etc.,

He gave real time examples of Block Chain and explained the six layers of it. He held a great interaction session among students clarifying their doubts regarding the Block Chain Technology.

He also shared his own experience about his thesis with the students.



Chief Guest: DR. Micheal Arock, M.E., Ph.D., Professor & Head of the department,
Department of computer applications, National Institute of Technology, Trichy.

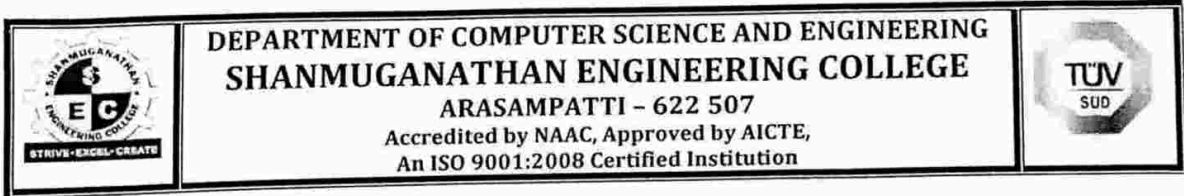


Chief Guest: DR. Micheal Arock, M.E., Ph.D., Professor & Head of the department,
Department of computer applications, National Institute of Technology, Trichy.


HoD / CSE

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


PRINCIPAL
Shanmuganathan
Engineering College
Arasampatti - 622 507.



Activity – Report

Name of Activity : External Guest Lecture

Title of the Lecture : Artificial Intelligence and its application

Name of the Resource Person : Dr. U. Srinivasalu Reddy, M.Phil., Ph.D.,

Designation and Address : Associate Professor,
Department of computer applications,
National Institute of Technology, Trichy.

Date : 03.03.2023

Target Audience : II & III Year Students

Number of Students / Staff : 100 / 8

Venue : 106

Summary of the Lecture :

Dr.U.Srinivasalu Reddy, M.Phil., Ph.D., gave a Lecture on “**Artificial Intelligence and its application**”. It was a strong program that advances about technology to perform tasks that resemble human cognitive function

He gave a clear cut idea about artificial intelligence and its application he explained problem solving and decision making capabilities applied in artificial intelligence. Finally ended up the session providing latest research developments in augmented reality and some concepts related to machine learning

The major topics covered in the seminar were, “Data security using AI, Robots with artificial intelligence.



Chief Guest: **Dr.U.Srinivasalu Reddy, M.Phil., Ph.D.**, Associate Professor, Department of computer applications, National Institute of Technology, Trichy.



Chief Guest: **Dr.U.Srinivasalu Reddy, M.Phil., Ph.D.**, Associate Professor, Department of computer applications, National Institute of Technology, Trichy.


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


PRINCIPAL
Shanmuganathan
Engineering College
Arasampatti - 622 507



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
SHANMUGANATHAN ENGINEERING COLLEGE

ARASAMPATTI - 622 507
Accredited by NAAC, Approved by AICTE,
An ISO 9001:2008 Certified Institution



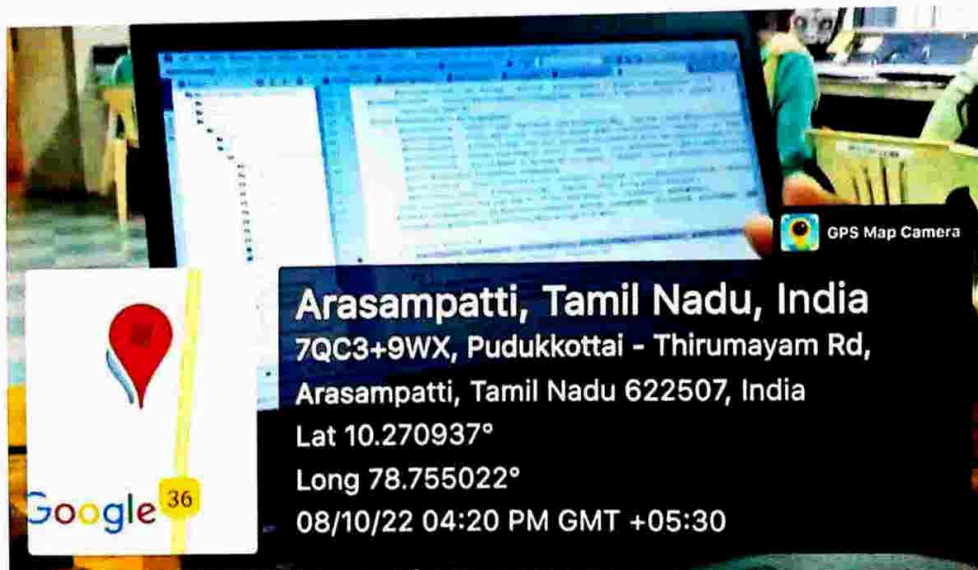
Activity – Report

Name of Activity : Workshop
Title of the Workshop : JAVA Annotations and spring boot
Name of the Resource Person : Mr. J. Rajkumar
Designation and Address : Senior Project Engineer
PANTECH E-Learning, Thiruchirapalli.
Date : 08.10.2022
Target Audience : Third Year CSE students
Number of Students : 43
Venue : Computer Science Lab II
Summary of the Workshop :

The resource person Mr. J. Rajkumar explained the basics and importance about JAVA Annotations and spring boot.

The resource person demonstrated the procedure to create database using JAVA and spring boot. He also explained how java annotations is used to create the user interactive database. Then he also demonstrated the uses of dependency files to make the coding easier in JAVA

The Third year students utilized the workshop and they practiced all in one JAVA Annotations using INTEL IJ platform. They also learnt how the industrial peoples works with JAVA. At the end of the workshop they can be able to build their own database for web entries, responsive database with JAVA and spring boot.



Workshop on "JAVA Annotations and spring boot" by Mr. J. Rajkumar


HOD CSE

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



PRINCIPAL
Shanmuganathan
Engineering College
Arasampatti - 622 507.



Activity – Report

Name of Activity	: External Guest Lecture
Title of the Lecture	: Virtual Reality Technology
Name of the Resource Person	: Dr.P.Ezhumalai,B.E., M.,Tech.,Ph.D.,
Designation and Address	: Professor & Head, Department of Computer Science and Engineering, RMD Engineering College, Chennai.
Date	: 17.09.2022
Target Audience	: All CSE students
Number of Students / Staff	: 44 / 8
Venue	: Seminar hall (Room No.106)
Summary of the Lecture	:

Dr.P.Ezhumalai, B.E., M.Tech., Ph.D., gave a Lectuer on “**Pushdown Automata**”. He gave a clear Idea of what is Finite Automata, Regular expressions and various grammars.

He discussed about the formation of Finite automata. He also explained about various types of finite automata such as Deterministic Finite automata and Non Deterministic Finite Automata. Then he educates the students about various regular languages used in Automata. He trained the students to design DFA and NFA from RE. He also explained the students in detail about the designing of Push Down Automata. The students were actively participated and solved the problems related to Finite automata and Push Down Automata.

The major topics covered in the webinar were Finite Automata, Regular Expressions and Push Down Automata.





Chief guest : Dr.P.Ezhumalai,B.E.. M.,Tech.,Ph.D., Professor & Head, Department of Computer Science and Engineering, RMD Engineering College, Chennai.



Chief guest : Dr.P.Ezhumalai,B.E.. M.,Tech.,Ph.D., Professor & Head, Department of Computer Science and Engineering, RMD Engineering College, Chennai.


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


PRINCIPAL
SHANMUGANATHAN ENGINEERING COLLEGE,
ARASAMPATTI - 622 507

	DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING SHANMUGANATHAN ENGINEERING COLLEGE ARASAMPATTI – 622 507 Accredited by NAAC, Approved by AICTE, An ISO 9001:2008 Certified Institution	
---	---	---

Activity – Report (EVEN SEM 2021-2022)

Name of Activity	: Guest Lecture
Title of the Lecture	: BIO INFORMATICS USING PERL
Name of the Resource Person	: Dr.K.UmaMaheswari, Assistant Professor, Department of IT, Anna University,Trichy.
Date	: 03.09.2022
Target Audience	: All CSE students
Number of Students/staff	: 132 / 8
Venue	: Seminar hall (Room No.106)
Summary of the Lecture	:

A guest lecture on " **Bio informatics using PERL** "was organized by our department. The lecture was delivered by **Dr.K.UmaMaheswari, Assistant Professor,Department of Information Technology, Anna University,Trichy**. She explained how bio informatics used in the computer applications. She briefly elaborated the software tools used for biological data and also she explained the dataset how it is used. Various types of dataset shown for the medical reports. Some codings were implemented by using Perl. It is mainly used for Scripting and sorting the elements according to their dataset.Students are well encouraged by her and gained a great knowledge from this program.




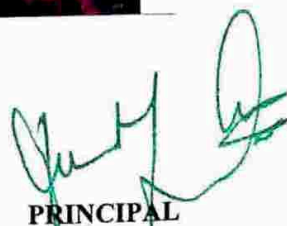
Mrs. R. Kavitha, M. Tech., Assistant Professor and HoD and chief guest :
Dr.K.UmaMaheswari, Assistant Professor, Department of IT,Anna University,Trichy.



chief guest : Dr.K.UmaMaheswari, Assistant Professor, Department of IT,Anna University,Trichy presented the topic “BIO INFORMATICS USING PERL”




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


PRINCIPAL
 Shanmuganathan
 Engineering College
 Arasampatti - 622 507.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
SHANMUGANATHAN ENGINEERING COLLEGE

(Approved by AICTE, Affiliated to Anna University, Chennai
Accredited by NAAC & An ISO 9001:2015 Certified institution)
ARASAMPATTI – 622 507



LIST OF IQAC- ECE ASSOCIATION ACTIVITIES FOR THE ACADEMIC YEAR 2022-2023(ODD SEMESTER)

DATE	DAY	ACTIVITIES
11.08.2022	THURSDAY	IQAC Seminar
18.08.2022		IQAC Poster Presentation
25.08.2022		IQAC Asso.Inauguration
01.09.2022		IQAC Seminar
08.09.2022		IQAC Technical Quiz
22.09.2022		IQAC Mini Project
29.09.2022		IQAC Poster Presentation
06.10.2022		IQAC Circuit Debugging
13.10.2022		IQAC Workshop
27.10.2022		IQAC Tech.Symposium
03.11.2022		IQAC Poster Presentation

D. Latha

D. Latha

ASSOCIATION INCHARGE

Mr.D.RAMESH AP/ECE

Mrs.D.LATHA AP/ECE

P
10/8/2022
HoD-ECE

Head of the Department
Department of Electronics and
Communication Engineering
SHANMUGANATHAN ENGINEERING COLLEGE
ARASAMPATTI - 622507, Pudukkottai Dt



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
SHANMUGANATHAN ENGINEERING COLLEGE
(Approved by AICTE, Affiliated to Anna University, Chennai
Accredited by NAAC & An ISO 9001:2015 Certified institution)
ARASAMPATTI – 622 507



IQAC REPORT OF DEPARTMENT ACTIVITIES FOR THE MONTH OF JULY 2022

SKILL DEVELOPMENT PROGRAM-The students from the final year ECE have attended Skill Development Training Programme on “Operation and Maintenance of Analytical Instruments” in CSIR-CECRI, Karaikudi from 18th July 2022 to 22nd July 2022. They have acquired their knowledge by various scientists of CECRI in the topic of instrumental methods of analysis & GLP, Laser Raman, XRD/XRF & XPS, SEM, FESEM & TEM/HRTEM, Thermal analysis, AAS & HPLC, GC-MS, NMR, EPR & Fault diagnosis and troubleshooting to Analytical instrumentation. They get theoretical knowledge as well as practical knowledge from this training Programme. Safrin Nihar. J, Karpagavalli. K, Pargavi. G, and Raniprabha. A final year ECE benefitted from this training program.



Er.Devendra Prajapati, Technical Assistant gave demonstration on Laser Raman Microscope



Pargavi. G, Safrin Nihar. J, Karpagavalli. K, and Raniprabha. A (Left to Right) final year ECE along with their participation certificates

PLACEMENT TRAINING PROGRAM – The final year ECE students have participated in the Placement Training Program organized by the Training and Placement Cell of Shanmuganathan Engineering College from 25th July 2022 to 29th July 2022. The trainers from FACE, Coimbatore trained the students for 5 days. The students developed their Aptitude Skills for the first 3 days of training and their Technical Skills during the last 2 days of the training program. Totally 12 students from final year ECE benefitted through this training program. Safrin Nihar. J of final year ECE received Hyper Active student award from trainer based on the performance in overall training program.



Dr.R.Sornalatha introduced trainer from FACE, Coimbatore



Safrin Nihar. J, final year ECE received the Hyper Active student award from the trainer


Technical Association Coordinator


HoD/ECE


Principal



SHANMUGANATHAN ENGINEERING COLLEGE

(Approved by AICTE & Affiliated to Anna University, Chennai
Accredited by NAAC & ISO 9001:2015 Certified Institution)
Arasampatti - 622 507, Thirumayam (Taluk),
Pudukkottai (District), Tamilnadu.

**IQAC & DEPARTMENT OF
ELECTRONICS AND COMMUNICATION ENGINEERING**

INVITATION

We cordially invite you to the
Association Inaugural Function of

WAVES

For the Academic Year 2022 - 2023
and followed by Guest Lecture on
IOT SENSOR NETWORKS

Date: 24.09.2022 | Venue: 106 (Seminar Hall)

AGENDA

Tamil Thai Vaalthu

*Welcome Address &
Introduction of Office Bearers*

Dr.R.Sornalatha

Head of the Department

Presidential Address

Dr.KL.Muthuramu

Principal

Felicitation

Mr.M.Viswanathan

Secretary

Dr.Pichappa Manikandan

Correspondent

Chief Guest

Dr. M.Arivamudhan

Associate Professor / ECE
Government College of Engineering,
Dharmapuri

Vote of Thanks

National Anthem



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
SHANMUGANATHAN ENGINEERING COLLEGE
ARASAMPATTI – 622 507



ASSOCIATION INAUGURATION & GUEST LECTURE

Date: 24.09.2022 | Venue: 106 (Seminar Hall)

AGENDA

- Tamil Thai Vaalthu :
- Welcome Address &
- Introduction to Office Bearers : **Dr.R.Sornalatha**
HoD - ECE
- Presidential Address : **Dr.KL.Muthuramu**
Principal
- Felicitation : **Dr.Pichappa Manikandan**
Correspondent
Mr.M.Viswanathan
Secretary
- Introduction of Chief Guest : **Selvi J.Safrin Nihar**
Final Year ECE
- Guest lecture by : **Dr. M.Arivamudhan**
Associate Professor - Department of ECE
Government College of Engineering,
Dharmapuri
- Vote of Thanks : **Selvi.A.Rani Prabha**
Final Year ECE
- National Anthem :



IQAC REPORT OF DEPARTMENT ACTIVITIES FOR THE MONTH SEPTEMBER 2022

TECHNICAL ASSOCIATION ACTIVITY-1

Summary

Name of the Event	: Technical Seminar
Topic	: iTwin technology, Blockchain technology, Biochip Technology, Cloud computing, Micro LED display, Automatic sun tracking system, High altitude Aeronautical platforms, Wireless power transmission and Paper battery
Date	: 01.09.2022
Presented By	: V.Dharani, P.Sarumathi, P.Karthika, P.Krishna, K.Selvaganesh, R.Bharath, NS.Rahul, M.Gokulakrishnan, S.Karthikeyan – Third year ECE Students

Report

The first association activity for the September month is held on 01.09.2022, thursday in ECE Seminar hall, Room no. 315. Second Year, third year and final Year students and all faculty members from department of ECE attended the function. The Association activity was inaugurated with welcome address by Dr.R.Sornalatha, HoD-ECE.

The students from third year V.Dharani, P.Sarumathi, P.Karthika, P.Krishna, R.Bharath, NS.Rahul, M.Gokulakrishnan, S.Karthikeyan, K.Selvaganesh reveal "TECHNICAL SEMINAR" on the topic of iTwin technology, Blockchain technology, Biochip technology, Cloud computing, Micro LED display, Automatic sun tracking system, High altitude aeronautical platforms, Wireless power transmission, and Paper battery respectively to convey acquired facts to improve the student's professional knowledge. The technical seminar had an interaction session, the observer queries were cleared by the presented host. The meeting has been ended with positive notes by Mr.D.Ramesh to stimulate the students to participate in the upcoming association activity for the personal growth of the students.



V.Dharani,III ECE presented seminar on the topic “iTwin technology”



M.Gokulakrishnan,III ECE presented seminar on the topic “Wireless power transmission”

TECHNICAL ASSOCIATION ACTIVITY-2

Summary

Name of the Event : Technical Seminar

Topic : Field Programmable Gate Array, Light detection and ranging, Internet of things, Mobile train radio communication, Free space optical communication

Date : 15.09.2022

Resource Person/Presenter : J.Safrin Nihar, A.Revathi, L.Muthukamachi, R.Sivakami
L.Bhuvaneshwari

Report

The second association activity is held on 15.09.2022, Thursday in ECE Seminar hall, Room no. 315. Second year, third year, final year students and all faculty from department of ECE attended the function. The Association activity was inaugurated with welcome address by Dr.R.Sornalatha, HoD-ECE. The students from final year J.Safrin Nihar, A.Revathi, L.Muthukamachi, R.Sivakami, L.Bhuvaneshwari divulge “**TECHNICAL SEMINAR**” on the topic of Field Programmable Gate Array, Light detection and ranging, Internet of things, Mobile train radio communication, Free space optical communication respectively to convey acquired facts to improve the student’s professional knowledge. The technical seminar had an interaction session, the observer queries were cleared by the presented host. The meeting has been ended with positive notes by Dr.A.Muthumanicckam to stimulate the students to participate in the upcoming association activity for the personal growth of the students.



J.SafrinNihara,IV ECE presented seminar on the topic “Field Programmable Gate Array”

TECHNICAL ASSOCIATION ACTIVITY-3

Summary

Name of the Event : Association Inauguration and Guest Lecture
Topic : IoT Sensor Networks
Date : 24.09.2022
Resource Person/Presenter : Dr.M.Arivamudhan,
Associate Professor/ECE,
Govt. College of Engineering, Dharmapuri

Report

On 24-09-2022(Saturday) the Department of Electronics and Communication Engineering organized a guest lecture program and inauguration of ECE association “WAVES” for the academic year 2022-2023 with the collaboration of IQAC and WAVES Association in the presence of ECE department students and faculty members. Dr.R.Sornalatha,HoD/ECE welcomed the gathering and introduced the office bearers of 'WAVES' Association. Dr. KL. Muthuramu, Principal of Shanmuganathan engineering college delivered the presidential address for the gathering. Selvi.J.Safrin Nihar, Final Year ECE introduced the chief guest Dr.M.Arivamudhan, Associate Professor/ECE, Govt. College of Engineering, Dharmapuri. Our Principal honoured the chief guest with a shawl. Our chief

guest delivered the special address and gave a guest lecture on “IoT Sensor Networks”. The session was very informative and he presented the basics of Internet of Things. His speech started with the reason for the Internet of Things in today's world, and he explained the topics in IoT Basic Building Blocks, IoT Working, and IoT Architecture Layers in detail. Finally, Selvi. A.Ranipraba, final year ECE, Student Secretary, Waves Association delivered the vote of thanks.



Technical Association office bearers along with HoD, Chief quest and principal
(Left to Right)



The Principal honoured the chief guest with shawl



The Chief Guest gave a guest lecture on "IoT Sensor Networks"

TECHNICAL ASSOCIATION ACTIVITY-4

Summary

Name of the Event : Special Lecture
Topic : GATE Exam Preparation
Date : 29.09.2022
Presented By : D.Ramesh, AP/ECE

Report

The Department of Electronics and Communication Engineering and IQAC organized a Special Lecture on GATE Exam Preparation on 29.09.2022, Thursday to sensitize the students at early stage so that they start their preparation right from second year. D.Ramesh, Assistant Professor, ECE Department is the speaker. Through his talk, he has explained the importance of GATE exam, method for preparation, important topics on which more questions asked and books required for preparation. Qualifying GATE examination with excellent score not only offers chance to get admission to M.E./M.Tech. in premier institutes like IITs and NITs but also offers job openings in public sector companies. 26 students from ECE Department attended the lecture.



D.Ramesh, AP/ECE presented the lecture on the topic GATE Exam Preparation

CECRI VISIT

As a part of CSIR Foundation Day celebrations Central Electrochemical Research Institute (CECRI), Karaikudi was observed 'OPEN DAY' on 26th September, 2022 (Monday) from 9.30 a.m to 4.30 p.m. The department of Electronics and Communication Engineering and IQAC organized a visit to the CSIR-Central Electrochemical Research Institute (CSIR-CECRI), Karaikudi to attend the "Open Day" to procure knowledge. On the Open Day CSIR-CECRI was providing a glimpse of their scientific & technological achievements, scientific models, science posters for the benefit of school & college students and general public. 26 students and 3 faculty members from ECE Department visited and got awareness in latest research innovations of electrochemical industries.



Our students and faculty members from ECE Department visited Central Electrochemical Research Institute (CECRI), Karaikudi.

NAAN MUDHALVAN TRAINING:

- ❖ SP.Senthilkumar, Assistant Professor, ECE Department has participated in the **Naan Mudhalvan Training of Trainers program for Augmented Reality, Virtual Reality and Metaverse Development** held on 29.09.2022 at Saranathan College of Engineering, Trichy.
- ❖ Dr.A.Muthumanickam, Assistant Professor, ECE Department has participated in the **Naan Mudhalvan Training of Trainers program for Powering IoT** held between 26th -30thSeptember 2022 at Saranathan College of Engineering, Trichy.



SP.Senthilkumar, AP/ECE has participated in the Naan Mudhalvan Training of Trainers program for AR,VR and Metaverse Development.

STUDENTS PARTICIPATION AND ACHIVEMENTS:

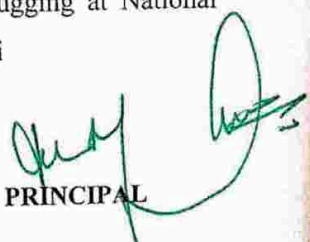
- ❖ **S.Karthikeyan and M.Harishmaran**, third year ECE students have participated and won the **First Prize in Circuit Debugging at National Level Technical Symposium** held on 15th September 2022 organized by Electronics and Communication Engineering Department, Kings College of Engineering, Pudukkottai.
- ❖ **M.Harishmaran**, third year ECE student has participated in the event **Circuit Debugging and Technical Quiz in National Level Technical Symposium** held on 29th September 2022 organized by Electronics and Communication Engineering Department, Hindusthan Institute of Technology, Coimbatore.
- ❖ **M.Harishmaran**, third year ECE student has participated in the **one day National Level workshop on Applications of Embedded Technologies using Arduino** organized by Electronics and Communication Engineering Department, Study World College of Engineering, Coimbatore held on 28th September 2022.



S.Karthikeyan and M.Harishmaran won the First Prize in Circuit Debugging at National Level Technical Symposium at Kings College of Engineering, Pudukkottai


DEPT. IQAC COORDINATOR


HoD/ECE


PRINCIPAL



DEPARTMENT OF ELECTRICAL & ELECTRONICS AND ENGINEERING

SHANMUGANATHAN ENGINEERING COLLEGE

ARASAMPATTI – 622 507



PROGRAMME AGENDA

- **Prayer** *Tamil Thai Vazhthu*
- **Welcome address** *Dr. M. Varadarajan,*
Head of the department-EEE.
- **Presidential address** *Dr. KL. Muthuramu,*
Principal.
- **Inaugural address & guest lecture** *Dr. A. Palaniappan,*
Principal Scientist,
Electrodics & Electrocatalysis (EEC)
Division,
CSIR-CECRI,
Karaikudi-630 003.
- **Introduction of Office Bearers** *Ms.B.Lavanya,*
AP-EEE.
- **Vote of thanks** *P.Mounika,*
Final year EEE.
- **National Anthem**



DEPARTMENT OF ELECTRICAL & ELECTRONICS AND
ENGINEERING
SHANMUGANATHAN ENGINEERING COLLEGE
ARASAMPATTI – 622 507



Weekly Association Activity Report

Name of the Activity : External Guest Lecture

Title of the Lecture : Recent trends in Electrical Engineering

Name of the resource person : Dr.B.Santhana krishnan, Associate Professor/EEE

Date & Venue :17.08.2022/Hall no.106

Number of Student attended :40

Summary of the Guest lecture:

The department arranged a guest lecture on “**RECENT TERDS IN ELECTRICAL ENGINEERING**” was delivered by Dr. B. Santhana Krishnan, Associate Professor/EEE, GCE, Trichy. During this lecture, he discussed about the evolution of electric vehicles, importance of renewable energy systems and gave an introduction about smart grid. Also he extended the lecture with the outline of super capacitor and its applications. The guest lecture ended with the student’s interaction. Ms. P. Mounika, B.E Final year student delivered the vote of thanks.



DEPARTMENT OF ELECTRICAL & ELECTRONICS AND
ENGINEERING
SHANMUGANATHAN ENGINEERING COLLEGE
ARASAMPATTI - 622 507



The guest lecture on "RECENT TRENDS IN ELECTRICAL ENGINEERING" was
delivered by

Dr. B. Santhana Krishnan Associate Professor/EEE, GCE, Trichy,


Association In-Charge


HoD-EEE



ACADEMIC YEAR -2022-2023(ODD SEMESTER)

DEPARTMENT ACTIVITIES

Date: 16-08-2022

IQAC REPORT

WEBINAR

The Department of Mechanical Engineering and IQAC of Shanmuganathan Engineering College organized a webinar on titled "Application of Design Thinking in Product Development" on 16-08-2022. Dr.E.Mohan, HoD/ Mech. department welcomed the gathering and introduced the resource person Dr.C.Sabarinathan, Professor and Head, Department of Automobile Engineering, Hindusthan College of Engineering and Technology, Coimbatore. The resource person detailed the design thinking concepts and interacted with students. Mr.R.Thirumavalavan, Associate Professor, proposed the vote of thanks.



SHANMUGANATHAN ENGINEERING COLLEGE

(Approved by AICTE & Affiliated to Anna University, (Chennai)
Accredited by NAAC, An ISO 9001: 2015 Certified Institution)
ARASAMPATTI - 622 507, THIRUMAYAM, PUDUKKOTTAI (DISTRICT)



Department of Mechanical Engineering

Organize a webinar on

Application of Design Thinking in Product Development

Resource Person:

Dr.C.SABARINATHAN M.E., Ph.D.
(AICTE Certified Innovation Ambassador)
Professor and Head,
Department of Automobile Engineering,
Hindusthan College of Engineering and Technology,
Coimbatore.

16.08.2022

3.30pm

Meeting link: <https://meet.google.com/ypu-kddb-hdk>

Webinar on "Application of Design Thinking in Product Development"

ACADEMIC YEAR -2022-2023(ODD SEMESTER)

DEPARTMENT ACTIVITIES
(IQAC REPORT)

Date: 15-09-2022

ASSOCIATION INAUGURATION

The Department of Mechanical Engineering of our institution organized a student's Association 'AMW' Inaugural function on 15.09.2022. Dr.E.Mohan, HoD/Mech, Welcomed the gathering. Mr.R.Thirumavalavan, Associate Professor introduced the chief guest. Dr.KL.Muthuramu, Principal, delivered the Special address. The chief guest Dr.P.K. Palanivel, Partner, Public sector practices for Cognizant group inaugurated the Association and delivered the guest lecture on "Industrial Digital Economy Opportunities in Engineering Sectors". All the Mechanical and Electrical & Electronics Engineering students were attended. Mr.K.Sivaramakrishnan introduced the new office bearers for the Academic year 2022-2023. Dr.M.Varadarajan, Professor & Head, department of Electrical & Electronics Engineering proposed the vote of thanks.



Dr.E.Mohan, HoD/MECH, Welcomed the gathering.

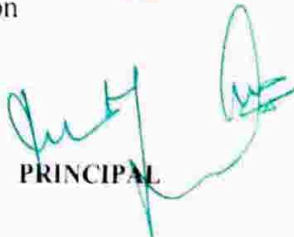


S.N	Role	Name of the Student
1.	Student President	Mr.R.Ashwin Kumar-IV Year
2.	Student Vice President	Mr.VC.Arunkarthick-III Year
3.	Student Secretary	Mr.S.Kathirvel-III Year
4.	Treasurer	Mr.KR.Bhuvanesh-II Year



Participants of the Association inauguration function


HOD/MECHANICAL


PRINCIPAL



SHANMUGANATHAN ENGINEERING COLLEGE
Approved by AICTE, Affiliated to Anna University, Chennai.
(Accredited by NAAC & ISO 9001:2015 Certified Institution)
ARASAMPATTI – 622 507



First year Motivational Programme

Date : 30.12.2022

Time: 04.00 p.m.

Venue: Room No.106

Agenda

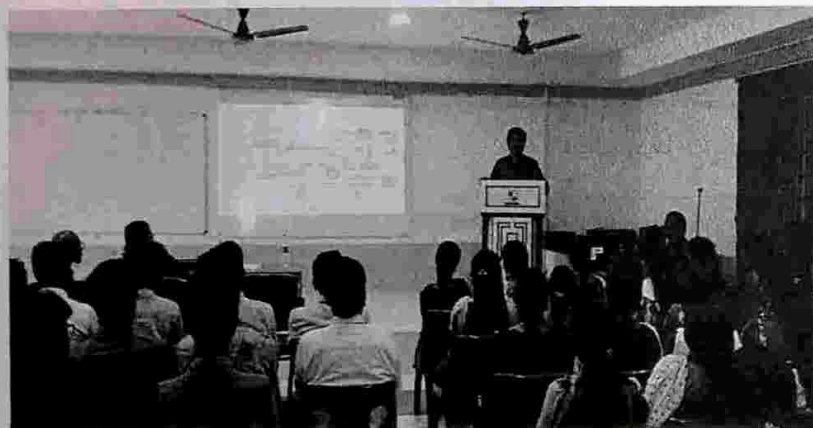
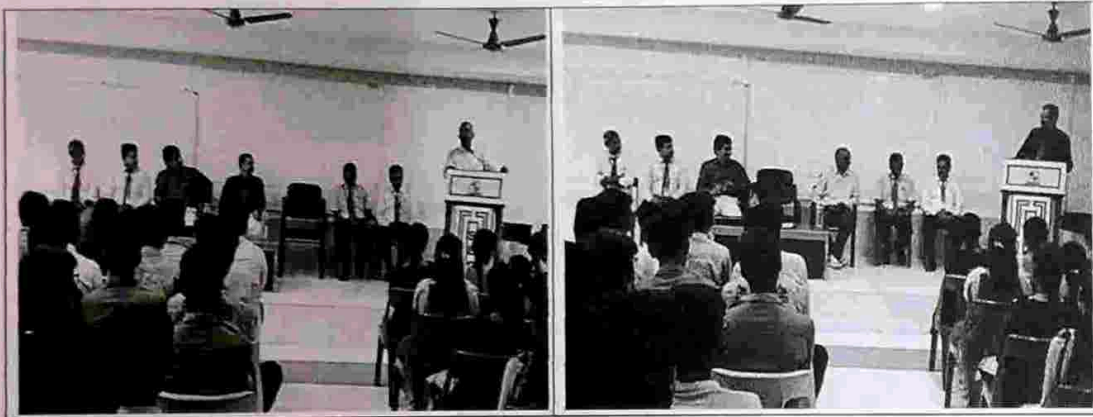
- Welcome Address : Mrs. M. Nalini, AP/Mathematics
- HoDs Address : Dr. S. Valarselvan, Prof/ Chemistry
- : Dr. E. Mohan, HoD/MECH
- : Dr. D. Selvakumar, HoD/CIVIL
- : Dr. M.Varadarajan, HoD/EEE
- Special Address : Dr.G. Maheswaran, Dean/Research
- : Mr. Kannan Pachamuthu, Asst.General
Manager (Perscert)
- Presidential Address : Dr. KL. Muthuramu, Principal
- Vote of Thanks : Dr. S. Ponmani, AP/Physics.



ASSOCIATION ACTIVITY REPORT

The Science and Humanity department conducted a Motivational Program for the first year students on 30th December (Friday), 2022 in seminar hall (No.106) at 4.00 pm Mrs.M.Nalini, AP/Mathematics welcomed gatherings. Dr.S.Valarselvan, Prof/Chemistry, Dr.E.Mohan, HoD/Mech,Dr.D.Selvakumar, HoD/Civil&Dr.M.Varadarajan, HoD/EEEaddressed the students.

Dr.G.Maheswaran, Dean/Research and Mr.KannanPachamuthu, Asst.General Manager Perscertdelivered the special Address and motivated the students. Dr.KL.Muthuramu, Principal delivered the presidential address and motivated the students. This programme very useful to the students. Dr.S.Ponmani AP/Physics delivered the vote of thanks.



N. S. Selvan
HoD S&H



SHANMUGANATHAN ENGINEERING COLLEGE

Approved by AICTE, Affiliated to Anna University, Chennai
(Accredited by NAAC & ISO 9001-2015 Certified Institution)



First Year Motivational Programme

Date: 16-12- 2022 (Friday)

Time: 04.00 P.m.

Venue: 106

Agenda

- 1) Welcome Address : Dr.N.Vennila, HoD /S & H
- 2) Special Address : Dr.KL.Muthuramu, Principal
- 3) Motivational Address : Mr.G.Valliappan, P.G.Tamil Teacher
Thirumayam, Boys Hr.Sec. School
- 4) First Year Student : R.Dharshini, CSE

ASSOCIATION ACTIVITY REPORT

The Science and Humanity department conducted a Motivational Program for the first year student on 16th December (Friday), 2022 in seminar hall (No.106) at 4.00 pm Dr.N.Vennila,HoD/S&H,welcomed and gatherings Principal Dr.KL.Muthuramu delivered the special address and motivated the students.

The Chief guest and speaker of this program was Mr. K.Valliyappan,PG Assistant, Government HigherSecondary School, Thirumayam.This program helped the student to be guided by a positive mind and driven by self-motivation.Ms.R.Dharshini,ECE I year student proposed vote of thanks.



M. V. Venkatesh
HoD S&H



DEPARTMENT OF SCIENCE AND HUMANITIES
SHANMUGANATHAN ENGINEERING COLLEGE
(Accredited by NAAC & ISO 9001:2015 Certified Institution)
ARASAMPATTI – 622 507



ASSOCIATION ACTIVITY REPORT

The Science and Humanity department conducted a Motivational Program for the first year student on 9th December (Friday), 2022 in seminar hall (No.106) at 3.00 pm. Dr.N.Vennila, HoD/S&H, welcomed and gatherings. Principal Dr.KL.Muthuramu delivered the special address and motivated the students.

The speaker and special guest of this program was Shri. KavingarM.Jeyamkondan, Founder of ValluvarPeravai, Karaikudi and also a teacher. 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 the student to be guided by a positive mind and driven by self-motivation. R.Dharshini, ECE, I year student proposed a vote of thanks.





M. Shal
HoD S&H



SHANMUGANATHAN ENGINEERING COLLEGE,
(Approved by AICTE & Affiliated to ANNA University, Chennai)
Reaccredited by NAAC, an ISO 9001:2015 Certified Institution
ARASAMPATTI- 622507.
NATIONAL SERVICE SCHEME (NSS)



INDEPENDENCE DAY

76th National Independence day was celebrated in our Shanmuganathan Engineering College campus on 15th August, 2022. All the NSS Volunteers, students, faculty members and Staff were participated in this celebration.



Our NSS Volunteers honoring the guests during 76th National Independence celebration.



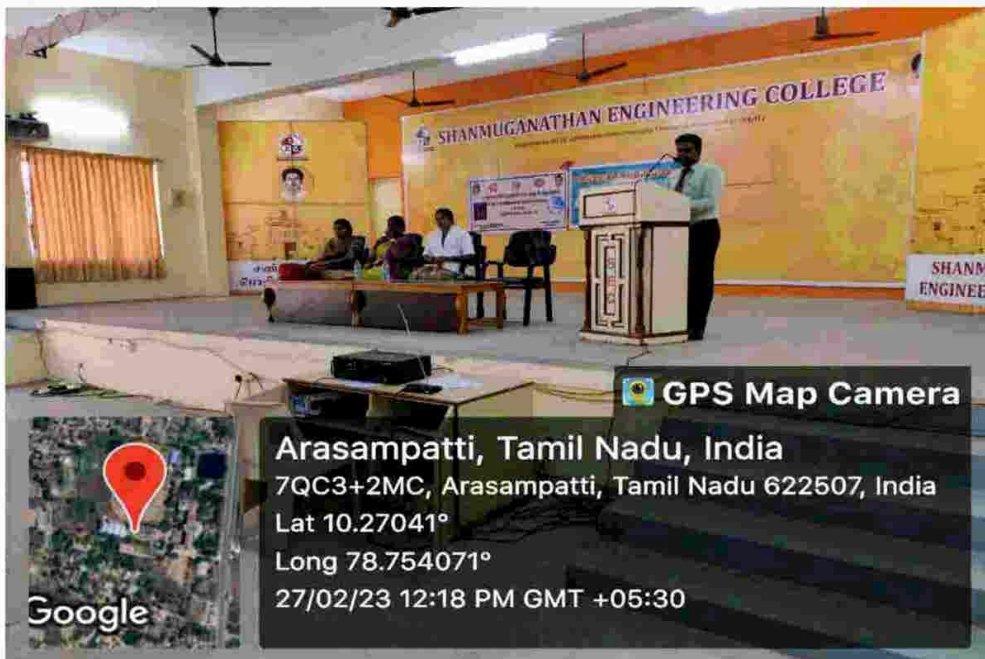
Special guest Dr.A.Sridhar, MBBS, Government Doctor, Govt. Primary Health Centre, Arimalam unfurled the national flag.



Our Principal Dr.KL.Muthuramu, welcomed the gathering and delivered the key note address.



SHANMUGANATHAN ENGINEERING COLLEGE,
(Approved by AICTE & Affiliated to ANNA University, Chennai)
Reaccredited by NAAC, an ISO 9001:2015 Certified Institution
ARASAMPATTI- 622507.
NATIONAL SERVICE SCHEME (NSS)



Our Mechanical Head of Department Dr.E.Mohan to welcome the gathering the guests during Tobacco Awareness Programme.



To pledged all the NSS Volunteers, Students, Faculty members and Staff were participated in this celebration.



Dr. N.Vennila, HoD, S&H department of first year proposed vote of thanks.

TREE PLANTATION

The NSS volunteers and staff planted 250 Neem trees saplings in Shanmuganathan engineering college, Arasampatti campus on 28.06.2023.



The volunteers assembled in the Shanmuganathan engineering college Campus with saplings and the necessary materials for plantation.



Dr.N.Vennila HoD/ S&H, addressed the students on the importance of planting trees.