



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with Grade "A" by NAAC | Approved by AICTE



Sathyabama IEI Student Branch

In Association with



The Institution of Engineers (India)
Kanchepuram Local Centre



ANNUAL REPORT

2021 – 2022



Preface

This annual report showcases the outcomes of the Sathyabama IEI Student Branch in association with The Institution of Engineers (India) in the academic year 2020. The objective of the activities organized by the Sathyabama IEI Student Branch is to play a critical role in defining excellence and setting up benchmark for upliftment of engineering education. The basic objective of the R&D initiative is to inculcate the culture of research in the budding engineers so that they can contribute to the development of the nation. This report is based on the events that were organized during the period 2021 to 2022.

Head Sathyabama IEI Student Branch



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About IEI

The Institution of Engineers (India) [IEI] is a statutory body to promote and advance the engineering and technology, established in 1920 and incorporated by Royal Charter in 1935. It is the largest multi-disciplinary professional body of engineers encompassing 15 (fifteen) engineering disciplines with a Corporate membership of over 2 lakhs, and serving the nation for more than 9 decades. The IEI has its headquarters located in Kolkata with national presence through more than hundred Centres and several Overseas Chapters, Foras and Organ.



About SATHYABAMA IEI Student Branch

The Institution of Engineers India (IEI) Students Branch at Sathyabama Institute of Science and Technology, Chennai has been recognized as an authorized Five student chapters approved by The Institutions of Engineers (India), Kolkata. The primary activities of the IEI Student Branch is to carryout variety of technical activities and functions such as dissemination and updating of Engineering and technological knowledge and diffusion among its members, the information on all matters affecting engineering, through Technical Activities, such as seminars, symposia, continuing education courses, workshops, paper meetings, conventions, conferences, etc at both national and international levels. It also provides access to R & D activities and Engineering practices through Engineering and technological disciplines. It focuses on new developments, techniques, products, processes and other issues of topical interest. The Student Branch highlights emerging Engineering and technological scenario through comprehensive coverage in the tabloid IEI News published monthly along with authoritative discourses and state-of-the-art reviews on specialized engineering issues in the Technorama published annually. Inculcating and promoting amongst engineers and technologists a growing commitment to the social objectives of the Student Branch. Students are exposed to various events such as seminars, industrial visits, group discussions, technical quiz competitions,



workshops and model/ poster competitions. These events will be organized throughout the year sponsored by IEI. Seminars on up-to-date topics along with a technical session will be conducted in order to encourage students in presentation of their work through papers. Opportunities in networking with peers and senior members of the Institution will be provided. The student members will be given Opportunities to participate in technical events organised by various IEI centres at State, National and International levels. Selected student members will be provided scholarships by IEI.



INSTITUTIONAL CERTIFICATE

000202



The Institution of Engineers (India)

INSTITUTIONAL MEMBERSHIP

CERTIFICATE

This Certificate of
Institutional Membership is Granted to

**SATHYABAMA INSTITUTE OF SCIENCE AND
TECHNOLOGY**

on the 3rd October day of 2013



IM000286-2

Date 28.02.2020



Secretary and Director General



Vision

IEI envisions to be one of the largest and vibrant professional society of engineers, technologists and applied scientists in the world, covering all branches of engineering, committed to the promotion of continual professional and intellectual development and contributing significantly to the growth of technological knowledge, skill and capacity building of the highest order, demonstrated through innovative approach towards the cause of sustainable development.

Mission

- To effectively promote the general advancement of engineering, engineering science and technology, and their application in India
- To facilitate dissemination and exchange of information and ideas amongst the members of the profession and the persons attached to IEI
- To extend value based services to the Nation, at all desired level



SATHYABAMA IEI SB Executive Committee 2020

The Institution of Engineers India (IEI) ECE Students Chapter at Sathyabama Institute of Science and Technology, Chennai has been recognized as an authorized student branch with five chapters and approved by The Institutions of Engineers (India), Kolkata, since March 2020.

Chapter Code for Department of Electrical Engineering: 600119/SIST/EE

Chapter Code for Department of Electronics & Communication Engineering: 600119/SIST/EC

Chapter Code for Department of Computer Science & Engineering: 600119/SIST/CS

Chapter Code for Department of Mechanical Engineering: 600119/SIST/MC

Chapter Code for Department of Biotechnology Engineering: 600119/SIST/BT

Institutional membership ID for Sathyabama Institute of Science and Technology was granted by IEI on 3rd October day of 2013: IM000286-2

IEI Nodal Coordinator:

Dr.S.Karthikeyan, FIE.,(F-126130-0)

Head Sathyabama IE(I) Student Chapters,

Associate professor,

Sathyabama Institute of Science and Technology, Chennai.

Email-ID: karthikeyans.ece@sathyabama.ac.in, iei.sathyabama@gmail.com. Phone No: 9500412034

Faculty Coordinator

Dr. R. M. Joany, MIE, (M-167702)

Associate Professor,

Sathyabama Institute of Science and Technology, Chennai.

Email-ID: mariajoany@gmail.com, iei.sathyabama@gmail.com. Phone No: 9790902255



SATHYABAMA IEI STUDENT CHAPTER CERTIFICATES FOR DEPARTMENTS



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

002796 600119/SIST/EC

The Institution of Engineers (India)

is pleased to establish Students' Chapter at the

Department of Electronics & Communication Engineering

Sathyabama Institute of Science & Technology

Chennai, Tamil Nadu

Issued on : 06 Jun 2022
Valid up to : 05 Jun 2025

SECRETARY & DIRECTOR GENERAL



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

002795 600119/SIST/EE

The Institution of Engineers (India)

is pleased to establish Students' Chapter at the

Department of Electrical & Electronics Engineering

Sathyabama Institute of Science & Technology

Chennai, Tamil Nadu

Issued on : 06 Jun 2022
Valid up to : 05 Jun 2024

SECRETARY & DIRECTOR GENERAL



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

002802 600119/SIST/CS

The Institution of Engineers (India)

is pleased to establish Students' Chapter at the

Department of Computer Science & Engineering

Sathyabama Institute of Science & Technology

Chennai, Tamil Nadu

Issued on : 09 Jun 2022
Valid up to : 08 Jun 2025


SECRETARY & DIRECTOR GENERAL



DEPARTMENT OF MECHANICAL ENGINEERING

0023711 600119/SIST/MC

The Institution of Engineers (India)

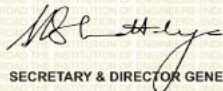


is pleased to establish Students' Chapter at the


Department of Mechanical Engineering

**Sathyabama Institute of Science and Technology
(Deemed to be University)
Chennai, Tamil Nadu**

Issued on : 14 Feb 2020
Valid up to : 13 Feb 2023



SECRETARY & DIRECTOR GENERAL






DEPARTMENT OF BIOTECHNOLOGY ENGINEERING

002370 600119/SIST/BT

The Institution of Engineers (India)

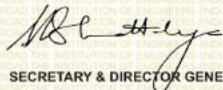


is pleased to establish Students' Chapter at the


Department of Biotechnology Engineering

**Sathyabama Institute of Science and Technology
(Deemed to be University)
Chennai, Tamil Nadu**

Issued on : 14 Feb 2020
Valid up to : 13 Feb 2023



SECRETARY & DIRECTOR GENERAL





The following faculty members represent the composition of this Student Chapter.

Composition: FACULTY ADVISOR are

EEE- Dr.Sundarsingh, Associate professor

ECE –Dr. R. M. Joany(M-167702), Assistant professor,

Dr. S. Karthikeyan(F-126130-0), Associate Professor

CSE- Dr. R. M. Joany(M-167702), Assistant Professor

MECH - Mr.Lakshmi Shankar, Assistant Professor

BIOTECH – Mr. Prakash, Assistant Professor

Overall student strength of Sathyabama IEI Student Chapters

Sl.No	Department	No.of.Students
1.	ECE	55
2.	CSE	50
3.	EEE	50
4.	Mech	61
5.	BIO	70
Total		286
Faculty (FIE, MIE)		15



HIGHLIGHTS AND ACHIEVEMENTS

IE(I) member faculty and member students have associated themselves in many of the student chapter activities. They have taken part in organizing around 50 events for various activities such as seminars, webinars, workshops, quiz events and guest lectures and conferences. Some of their contribution has been recognized by the IE(I) society for facilitating, disseminating and exchanging information and ideas amongst the members of the profession.



The Institution of Engineers (India)



ALL INDIA STUDENTS COMMITTEE(AISC)

&

HOSUR LOCAL CENTRE , HOSUR,TAMIL NADU

(Established in 2015 and Recipient of Best Local Centre Award 2017)

BEST STUDENT AWARD 2021

Conferred to

Ms. P. ANANTHALAKSHMI

III Year B.E (Electronics and Communication Engineering)
Sathyabama Institute of Science and Technology
Chennai, Tamil Nadu



In recognition of her outstanding contribution and active involvement for promoting Technical Activities through IEI Students Chapter at

**Sathyabama Institute of Science and Technology, Chennai
on 3rd September 2021 at**

**1st Southern Regional Technical Conclave (SRTC) held at
Adhiyamaan College of Engineering, Hosur, Tamil Nadu**

Organizing Secretary- SRTC

Chairman - IEI, HLC

Chairman - AISC, IEI





The Institution of Engineers (India)



**ALL INDIA STUDENTS COMMITTEE(AISC)
&**

HOSUR LOCAL CENTRE , HOSUR,TAMIL NADU

(Established in 2015 and Recipient of Best Local Centre Award 2017)

BEST STUDENT AWARD 2021

Conferred to

Ms. ACHANTA P S VAISHNAVI
III Year B.E (Computer Science Engineering)
Sathyabama Institute of Science and Technology
Chennai, Tamil Nadu



**In recognition of her outstanding contribution and active
involvement for promoting Technical Activities through IEI
Students Chapter at**

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Chairman - AISC, IEI



The Institution of Engineers (India)

ALL INDIA STUDENTS COMMITTEE(AISC)

&



The Institution of Engineers (India)

ALL INDIA STUDENTS COMMITTEE(AISC)

&

HOSUR LOCAL CENTRE , HOSUR,TAMIL NADU

(Established in 2015 and Recipient of Best Local Centre Award 2017)

BEST ADMINISTRATOR AWARD 2021

Conferred to

Dr.G. SUNDARI

Director Administration and
Professor/ Electronics and Communication Engg
Sathyabama Institute of Science and Technology
Chennai, Tamil Nadu



In recognition of her outstanding contribution and active involvement for promoting Technical Activities through IEI at

Sathyabama Institute of Science and Technology, Chennai

**on 3rd September 2021 at
1st Southern Regional Technical Conclave (SRTC) held at
Adhiyamaan College of Engineering, Hosur, Tamil Nadu**

Organizing Secretary- SRTC

Chairman - IEI, HLC

Chairman - AISC, IEI



The Institution of Engineers (India)

ALL INDIA STUDENTS COMMITTEE(AISC)

&

HOSUR LOCAL CENTRE , HOSUR,TAMIL NADU

(Established in 2015 and Recipient of Best Local Centre Award 2017)

BEST FACULTY ADVISOR AWARD 2021

Conferred to

Dr. S. KARTHIKEYAN

Associate Professor

**Dept. of Electronics and Communication Engg
Sathyabama Institute of Science and Technology
Chennai, Tamil Nadu**



**In recognition of his outstanding contribution and active
involvement for promoting Technical Activities through IEI at**

Sathyabama Institute of Science and Technology, Chennai

on 3rd September 2021 at

**1st Southern Regional Technical Conclave (SRTC) held at
Adhiyamaan College of Engineering, Hosur, Tamil Nadu**

Organizing Secretary- SRTC

Chairman - IEI, HLC

Chairman - AISC, IEI



The Institution of Engineers (India)

ALL INDIA STUDENTS COMMITTEE(AISC)

&

HOSUR LOCAL CENTRE , HOSUR, TAMIL NADU

(Established in 2005 and Recipient of Best Local Centre Award 2017)

BEST FACULTY ADVISOR AWARD 2021

Conferred to

Dr. R. M. JOANY

Associate Professor

**Dept. of Electronics and Communication Engg
Sathyabama Institute of Science and Technology
Chennai, Tamil Nadu**



In recognition of his outstanding contribution and active involvement for promoting Technical Activities through IEI at

Sathyabama Institute of Science and Technology, Chennai

on 3rd September 2021 at

1st Southern Regional Technical Conclave (SRTC) held at Adhiyamaan College of Engineering, Hosur, Tamil Nadu

Organizing Secretary- SRTC

Chairman - IEI, HLC

Chairman - AISC, IEI



The Institution of Engineers (India)

ALL INDIA STUDENTS COMMITTEE(AISC)

&

HOSUR LOCAL CENTRE , HOSUR,TAMIL NADU

(Established in 2015 and Recipient of Best Local Centre Award 2017)

BEST FACULTY ADVISOR AWARD 2021

Conferred to

Dr.S D SUNDARSINGH

Associate Professor

Dept. of Electrical and Electronics Engg
Sathyabama Institute of Science and Technology
Chennai, Tamil Nadu



In recognition of his outstanding contribution and active involvement for promoting Technical Activities through IEI at

Sathyabama Institute of Science and Technology, Chennai

on 3rd September 2021 at

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Chairman - IEI, HLC

Chairman - AISC, IEI



Sathyabama IEI Student Branch

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Sathyabama IEI Student Branch

In Association with



The Institution of Engineers (India)
Kancheपुरam Local Centre





1. Intellectual Property Rights

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY
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WWW.SATHYABAMA.AC.IN

SATHYABAMA IEI STUDENT BRANCH
IN ASSOCIATION WITH
The Institution of Engineers (India)
KANCHIPURAM LOCAL CENTRE
&
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ORGANIZES WEBINAR ON

INTELLECTUAL PROPERTY RIGHTS
20TH OCTOBER 2021 AT 2 PM IST

DR. ROSELIN SOPHIA FRANCIS XAVIER
POST GRADUATE TEACHING ASSISTANT,
UNIVERSITY COLLEGE LONDON,
UNITED KINGDOM

MEETING ID: 859 1123 0437
PASSCODE : 123456

PATRONS
DR. E. LOGASHANMUGAM
PRO VICE CHANCELLOR
DR. G. SUNDARI
DIRECTOR ADMINISTRATION
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DR. T. RAVI
ASSOCIATE PROF. &
HEAD / ECE
DR. S. KARTHIKEYAN, FIE
HEAD IEI COORDINATOR
ASSOCIATE PROF. / ECE

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DR. MARIE JOHNSON
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MR. J. ARUL SELVAN
VICE PRESIDENT
MS. MARIA BERNADETTE TAMILARASI
VICE PRESIDENT
DR. T. SASIPRABA
VICE CHANCELLOR

ORGANIZERS
DR. R. M. JOANY, MIE
ASSOCIATE PROF. / ECE
DR. E. ANNA DEVI, MIE
ASSOCIATE PROF. / ECE
MS. L. MAGTHELIN THERASE
ASSISTANT PROF. / ECE
MS. S. YOGALAKSHMI
ASSISTANT PROF. / ECE



Title of the Programme:	Intellectual Property Rights		
Topics Covered:	protection of ideas, businesses		
Webinar	FDP		
Training	Workshop		
Student level/Faculty Level/Both	Both		
Date / time/ Duration of the Programme, No of Days	20/10/2021, 02:00 pm IST		
Speaker Details	Dr. Roselin Sophia Francis Xavier, Post Graduate Teaching Assistant, University College London, UK		
Number of Participants	National		International
	Internal	External	
	120	-	Total: 120
Names of the Convener	Dr. S. Karthikeyan		
Names of the Organizer	Dr. R. M. Joany, MIE Dr. E. Anna Devi, MIE Ms. L. MagthelinTherese Ms. S. Yogalakshmi		

IPR in India

- India has been the member of World Trade Organisation (WTO) from 1995
- WTO members MUST include IP protection in their national laws
- India signed a treaty of Trade Related Aspects of Intellectual Property Rights (TRIPS) for free flow of Trade
- According to TRIPS , IPR are Copyright and related rights, Rights of artists, painters, musicians, sculptors, photographers, Rights for computer programmes in source or object code, right of computer technologist for their layout design of integrated circuits .

2021-10-20 14:20:08



Brief about the program:

Webinar on Intellectual Property Rights was organized by the Sathyabama IE(I) Student Branch in association with Department of ECE on 20th October 2021. Dr. Roselin Sophia Francis Xavier, Post Graduate Teaching Assistant, University College London, UK has graced the session as a resource person. She has given an excellent coverage on the topics such as research professional ethics, and patents filing methods. Around 120 students and faculties have participated in the webinar. The webinar was a very informative session which showcased various protection supports that lead to the development of knowledge based industries, stimulating international trade and encouraging investment and technology transfer. She has also insisted that Intellectual property protection has been critical to fostering innovation. Without protection of ideas, businesses and individuals would not reap the full benefits of their inventions and would focus less on research and development. Attendees have understood that there are many types of intellectual property, and some countries recognize more than others. The most well-known types are copyrights, patents, trademarks, and trade secrets.



2. One day Seminar on “APPLICATION OF EMBEDDED CONTROLLERS AND SENSORS FOR SMART ENVIRONMENT”

The poster features a green and yellow background with a sunburst effect. At the top, it displays the logos of The Institution of Engineers (India) and Sathyabama Institute of Science and Technology. The text reads: 'The Institution of Engineers (India) KANCHEPURAM LOCAL CENTRE Under the Aegis of Electronics and Telecommunication Engineering Division In Association with SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY (DEEMED TO BE UNIVERSITY) WWW.SATHYABAMA.AC.IN'. Below this, it lists logos for AICTE, NBA, and NIRF. The main text states: 'DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING CORDIALLY INVITES FOR THE ONE DAY SEMINAR ON APPLICATION OF EMBEDDED CONTROLLERS AND SENSORS FOR SMART ENVIRONMENT 23RD OCTOBER 2021 AT 9.30 AM IST'. It then lists 'Resource Persons' as Dr. R. M. Joany, MIE and Dr. E. Anna Devi, MIE, with the latter's affiliation as Associate Professor, Department of ECE, Sathyabama Institute of Science and Technology, Chennai. A central box lists 'CONVENERS' as Dr. K. Palanikumar, Chairman, IE(I)-KLC and Dr. D. Elango, FIE, Honorary Secretary IE(I)-KLC. Surrounding this box are lists for 'PATRONS', 'CHIEF PATRONS', 'COORDINATORS', 'ORGANIZERS', and 'VICE PRESIDENTS', each with names and titles.

Resource Persons
Dr. R. M. Joany, MIE
Dr. E. Anna Devi, MIE
ASSOCIATE PROFESSOR, DEPARTMENT OF ECE,
SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI.

CONVENERS
DR. K. PALANIKUMAR
CHAIRMAN, IE(I)-KLC
DR. D. ELANGO, FIE
HONORARY SECRETARY IE(I)-KLC

PATRONS
DR. E. LOGASHANMUGAM
PRO VICE CHANCELLOR
DR. G. SUNDARI
DIRECTOR ADMINISTRATION

CHIEF PATRONS
DR. MARIAZEENA JOHNSON
CHANCELLOR
DR. MARIE JOHNSON
PRESIDENT

COORDINATORS
DR. N. M. NANDHITHA
PROF. & DEAN / SOEE
DR. T. RAVI
ASSOCIATE PROF. &
HEAD / ECE

ORGANIZERS
DR. S. KARTHIKEYAN, FIE
HEAD IE(I) COORDINATOR
ASSOCIATE PROF. / ECE
DR. E. ANNA DEVI, MIE
ASSOCIATE PROF. / ECE

VICE PRESIDENTS
MR. J. ARUL SELVAN
VICE PRESIDENT
MS. MARIA BERNADETTE TAMILABASI
VICE PRESIDENT
DR. T. SASIPRABA
VICE CHANCELLOR



Title of the Programme:	One day Seminar on Application of Embedded Controllers and Sensors for Smart Environment		
Topics Covered:	Sensors and embedded controllers for smart environment in real time applications		
Webinar	FDP		
Training	Workshop		
Student level/Faculty Level/Both	Student		
Date / time/ Duration of the Programme, No of Days	23/10/2021, 09:30 am IST		
Speaker Details	Dr. R. M. Joany, MIE Dr. E. Anna Devi, MIE Associate Professor, Department of ECE, Sathyabama Institute of Science and Technology, Chennai		
Number of Participants	National		International
	Internal	External	
	40	-	Total: 40
Names of the Convener	Dr. K. Palanikumar, FIE Chairman, IE(I)-KLC Dr. D. Elango, FIE Honorary Secretary IE(I)-KLC		
Names of the Organizer	Dr. S. Karthikeyan, FIE Head IE(I) Coordinator Associate Prof. / ECE		



Sathyabama IEI Student Branch



Brief about the program:



One day seminar on “Application of Embedded Controllers and Sensors for Smart Environment” was organized by the “The Institution of Engineers (India)”, Kanchepuram local centre under the aegis of Electronics & Telecommunication Engineering Division on 23rd October, 2021 in association with the Department of Electronics and Communication Engineering, Sathyabama Institute of Science and Technology, Chennai in. During the inaugural session, Ms. S. Yogalakshmi, Assistant Professor, ECE department, Sathyabama Institute of Science and Technology welcomed the gathering. Presidential Address was delivered by Dr. K. Palanikumar, FIE, Chairman, IE(I) Kanchepuram Local Centre. Token of felicitations were presented to Chief Guest Dr. R. M. Joany, Associate Professor, Department of ECE, Sathyabama Institute of Science and Technology by the Chairman, IE(I) Kanchepuram Local Centre. The Introductory address was given by Dr. S. Karthikeyan, FIE, Head IE(I) Coordinator, Sathyabama Student Chapters about the importance on Sensors and Embedded Controllers. The keynote address was delivered by Dr. R. M. Joany and Ms. S. Yogalakshmi proposed the vote of thanks. The main objective of the seminar was to know the importance and create an in-depth knowledge about sensors and embedded controllers for smart environment in real time applications.

After the inaugural session, the first Lecture on “Application of Embedded Controllers and Sensors for Smart Environment” was given by Dr. R. M. Joany, Associate Professor, Department of ECE, Sathyabama Institute of Science and Technology by focussing on the future of Imaging in Smart cities for real time applications of embedded systems in day to day applications. The session was very informative and it was an eye opener for the students.

The second lecture on “Internet of Things” was given by Dr. E. Anna Devi, Associate Professor, Department of ECE, Sathyabama Institute of Science and Technology. The session gave a new perspective about various techniques approaches, importance of sensors and IoT in real time applications.



Sathyabama IEI Student Branch

After the lunch, third lecture on “Communication in Embedded Controllers” was handled by Ms. S. Yogalakshmi, Assistant Professor, ECE department, Sathyabama Institute of Science and Technology.

Fourth lecture on “Communication Protocols” was handled by Dr. S. Karthikeyan, Associate Professor, Department of ECE, Sathyabama Institute of Science and Technology, Chennai.

This session also had a demo on application using Arduino Controller.

3. Life Skill Development Program on YOGA



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INSTITUTE OF SCIENCE AND TECHNOLOGY
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WWW.SATHYABAMA.AC.IN



SATHYABAMA IEI STUDENT BRANCH



In Association with

The Institution of Engineers (India)



KANCHEPURAM LOCAL CENTRE

&

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ORGANIZES

LIFE SKILL DEVELOPMENT PROGRAM ON

YOGA

11TH MARCH 2022 AT 10 AM IST



Ms. A. Nandhini, M.Tech.,

M.D.Y.N (MASTER DIPLOMA IN YOGA AND NATUROPATHY)
CHENNAI.



Registration Link: <https://tinyurl.com/Life-Skill-YOGA>

PATRONS

DR. E. LOGASHANMUGAM
PRO VICE CHANCELLOR

DR. G. SUNDARI
DIRECTOR ADMINISTRATION

CONVENERS

DR. N. M. NANDHITHA
PROF. & DEAN / SOEE

DR. T. RAVI
ASSOCIATE PROF. &
HEAD / ECE

DR. S. KARTHIKEYAN, FIE
HEAD IEI COORDINATOR
ASSOCIATE PROF. / ECE



ORGANIZERS

DR. R. M. JOANY, MIE
ASSOCIATE PROF. / ECE

MS. L. MAGTHELIN THERASE
ASSISTANT PROF. / ECE

DR. E. ANNA DEVI, MIE
ASSOCIATE PROF. / ECE

MS. S. YOGALAKSHMI
ASSISTANT PROF. / ECE

CHIEF PATRONS

DR. MARIAZEENA JOHNSON
CHANCELLOR

DR. MARIE JOHNSON
PRESIDENT

MR. J. ARUL SELVAN
VICE PRESIDENT

MS. MARIA BERNADETTE TAMILARASI
VICE PRESIDENT

DR. T. SASIPRABA
VICE CHANCELLOR

Title of the Programme:

Life Skill Development Program on YOGA



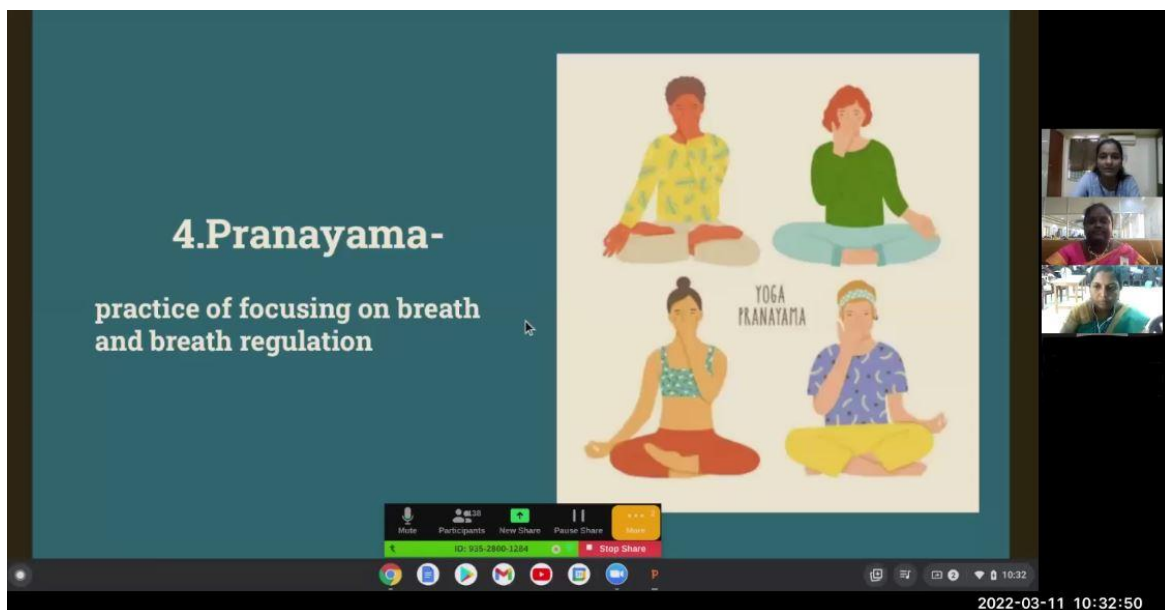
Topics Covered:	Yoga, Asanas		
Webinar	FDP		
Training	Workshop		
Student level/Faculty Level/Both	Both		
Date / time/ Duration of the Programme, No of Days	11/03/2022, 10:00 am IST		
Speaker Details	Dr. R. M. Joany, MIE Dr. E. Anna Devi, MIE Associate Professor, Department of ECE, Sathyabama Institute of Science and Technology, Chennai		
Number of Participants	National		International
	Internal	External	
	160	-	Total: 160
Names of the Convener	Dr. S. Karthikeyan, FIE Head IE(I) Coordinator Associate Prof. / ECE		
Names of the Organizer	Dr. R. M. Joany, MIE Dr. E. Anna Devi, MIE Ms. L. MagthelinTherese Ms. S. Yogalakshmi		

Brief about the program:

“Life Skill Development Program on YOGA” was organized by the Sathyabama IE(I) Student Branch and the Department of Electronics and Communication Engineering in association with The Institution of Engineers (India) on 11th March 2022. Ms. A. Nandhini, M.Tech, VLSI Design., Master Diploma in Yoga., Yaazh Yoga Centre, Chennai has graced the session as the Chief Guest and Resource Person. She has given excellent coverage on the topics such as postures, breathing techniques, mudras and Meditation related to Yoga. She has also clearly demonstrated the different types of Yoga Asanas and their benefits. She instigated that regular yoga practice creates mental clarity and calmness, increases body



awareness, relieves chronic stress patterns, relaxes the mind, centers attention and sharpens concentration which are the most essential needs of the younger generation of the students who are in the new normal era during the post Covid pandemic situation. Students as well as other participants were benefited by the methods of meditation and breathing that can help improve a person's mental well-being.



4. Webinar on How to be Corporate Ready? An Alumni's perspective



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)

Accredited with Grade "A" by NAAC | Approved by AICTE



Sathyabama IEI Student Branch

In Association with



The Institution of Engineers (India)



Present to you:

How to be Corporate Ready?
An Alumni's Perspective.

Join us to hear our Alumni Mr. Anurag Kumar share his journey and give you tips on how to explore your true inner potential and get yourself ready for the Corporate World!



MR. ANURAG KUMAR
FOUNDER DIRECTOR AND CEO,
AKON GROUP OF INDUSTRIES

STUDENT ORGANIZER

Ms. Alena Thomas
President | IEI Student
Chapters. CSE department,
SIST

STAFF ORGANIZER

Mrs. J. Refonaa
Assistant Professor CSE
department, SIST
Dr. S. L. Jany Shabu
Assistant Professor CSE
department, SIST

CONVENER

Dr. S. Karthikeyan FIE
Head IEI Co-ordinator, SIST

Zoom Meeting Credentials:

Meeting ID: 916 5967 5525

Passcode: 211729

Link- <https://forms.gle/MnU7tBHy1yPPd7rf8>

JUL 29. 11:00AM-12:00AM

**CERTIFICATE WILL BE
PROVIDED**

**IEI - SIST
Alumni Talks**

Title of the Programme:

How to be Corporate Ready? An Alumni's perspective.



Topics Covered:	Prepare for the Corporate environment, discovering true potential and strengths, networking		
Webinar	FDP		
Training	Workshop		
Student level/Faculty Level/Both	Both		
Date / time/ Duration of the Programme, No of Days	29/07/2021, 11:00 – 12:00 am IST, 1 hour		
Speaker Details	Mr. Anurag Kumar (FOUNDER DIRECTOR AND CEO) AKON GROUP OF INDUSTRIES - USA INDIA UK UAE EUROPE SINGAPORE AUSTRALIA		
Number of Participants	National		International
	Internal	External	
	100	48	Total: 148
Names of the Convener	Dr. S. Karthikeyan		
Names of the Organizer	Ms. J. Refonaa, Dr. S.L. JanyShabu		
Name of Student Organizer	Ms. Alena Thomas, CSE department		
Zoom Meeting ID	91659675525		
YouTube link			

Brief of the program:

Live webinar on “How to be Corporate Ready? An Alumni’s perspective” organized by Sathyabama IEI Student Branch in association with The Institution of Engineers (India). The session was handled by Mr. Anurag Kumar (FOUNDER DIRECTOR AND CEO) AKON GROUP OF INDUSTRIES

India-based start-up AKON Group of Industries has made a tremendous impact on the global industry of airlines, automation driverless cars projects, software industries, Pharmaceuticals, import-export, Logistics, Corporate gifting, E-Commerce, Business and Financial Consulting and many others.. Armed with crucial knowledge in the fields, the company has been



successful at bagging many international projects. They have handled several multi-million dollar projects across the globe. The company has come a long way in spreading its grasp outside India. Akon Group of Industries is now into 7 countries, India, the US, UK, Germany, Singapore, UAE, and Australia. It has been recognised for its efforts in the international market with the fastest growing entrepreneur of the year 2020 in the USA. It now has more than 500 employees and over 60 interns worldwide.



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SATHYABAMA IEI STUDENT BRANCH
IN ASSOCIATION WITH
The Institution of Engineers (India)
KANCHEEPURAM LOCAL CENTRE

Organizes Virtual Event
on

TREBLEDREI

TOPIC: FUNDAMENTALS OF SCIENCE
LEVELS

1 Iabc SPELL BEE

Only for students

2 QUIZ

3 CONNEXION

ONLINE COMPETITION
NO REGISTRATION FEE
2 MEMBERS PER TEAM

22nd June 2021 3 PM

REGISTRATION LINK: <https://tinyurl.com/trebledrei>

Certificate of appreciation for top two winners
Certificate of participation for all participants

<p>FACULTY CO-ORDINATOR</p> <p>Dr. P. Prakash Assistant Professor, Department of Biotechnology.</p>	<p>PATRONS</p> <p>Dr. Mariazeena Johnson Chancellor</p> <p>Dr. Marie Johnson President</p> <p>Ms. Maria Bernadette Tamilarasi Johnson Vice-President</p>	<p>STUDENT ORGANIZERS</p> <p>Swathy T Sabitha S Department of Biotechnology.</p>
<p>CONVENER</p> <p>Dr. S. Karthikeyan Associate Professor.</p>		

Link for joining the session will be shared through Whatsapp

For any queries, contact: sistieibiotechnology@gmail.com

Title of the Programme:	TREBLEDREI
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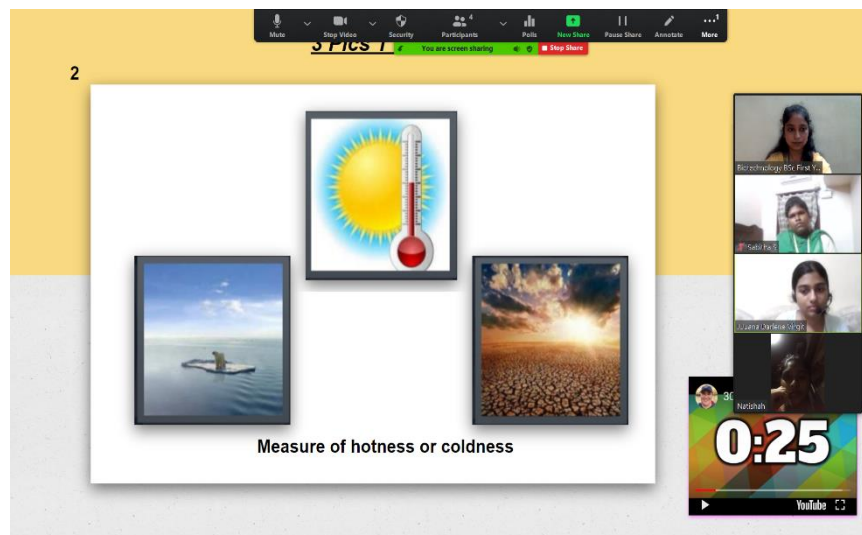


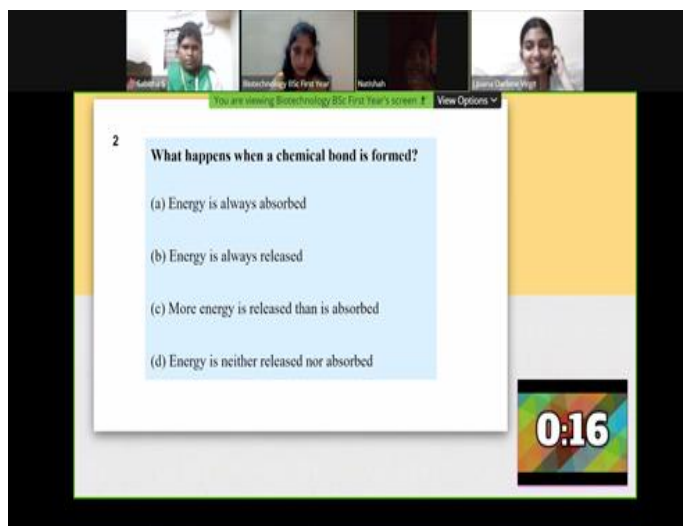
Topics Covered:	Fundamentals of Science		
Webinar <input type="checkbox"/>	FDP <input type="checkbox"/>		<input type="checkbox"/>
Event <input checked="" type="checkbox"/>	Workshop <input type="checkbox"/>		<input type="checkbox"/>
Student level/Faculty Level/Both	Student		
Date / time/ Duration of the Programme, No of Days	22/06/2021, 03:00 pm, 4 hours 20 mins		
Speaker Details	-		
Number of Participants	National		International
	Internal	External	
	22	14	-
Names of the Convener	Dr. S. Karthikeyan		
Names of the Organizers	Dr. P. Prakash (Faculty) Ms. Swathy T and Ms. Sabitha S (Student)		
Zoom Meeting Link	https://us06web.zoom.us/j/86554356792?pwd=Mm1TN2FkMlFqZU0xZ1drZzQycUtZdz09		
YouTube link	-		

Brief about the program:



The IEI Student branch of Sathyabama Institute of Science and Technology, Chennai conducted an event called “Trebledrei” dated on 22.06.2021. The topic was “Fundamental of Science “. Trebledrei was a competition that includes Spell bee, Quiz and Connexion. The Introduction was given by Ms. Sabitha S (III year of B.Tech-Biotech) and instructions were given by Ms. Swathy T (III year of B.Tech-Biotech). On the whole 18 pairs were participated. The top 3 best pairs were selected by the organizers and awarded them first place, second place and third place based on their performance. The results were declared on 23.06.2021. E-certificates have been issued to them separately for winners and other participants. The meeting was convened by Dr. S. Karthikeyan, FIE, IEI coordinator along with the faculty Dr. P. Prakash, Assistant professor, Biotechnology Department, Sathyabama Institute of Science and Technology, Chennai.





Outcome:

This event was to get the creativity out of people's mind. The winners were selected based on their performance. 18 pairs were participated and E-certificates have been issued to them separately for winners and other participants.



Webinar on How to be Corporate Ready ?



Title of the Programme:	"Your grade is not going to judge your Future" An Alumni's perspective.		
Topics Covered:	Prepare for the Corporate environment, discovering potential and strengths, and become a true 'Triumphant'		
Webinar Training	FDP Workshop		
Student level/Faculty Level/Both	Both		
Date / time/ Duration of the Programme, No of Days	12/10/2021, 10:00 – 11:00 am IST, 1 hour		
Speaker Details	Ms. ApoorvaTungaturthy, Software Developer at Revature (Reston , Virginia)		
Number of Participants	National		International
	Internal	External	
	80	20	Total: 100
Names of the Convener	Dr. S. Karthikeyan		
Names of the Organizer	Mrs. J. Refonaa, Dr. S.L. JanyShabu		
Name of Student Organizer	Ms. Alena Thomas, CSE department		
Zoom Meeting ID	919 2455 5590		



YouTube link	
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Brief of the program:

Live webinar on “Your Grade is not going to judge your Future” An Alumni’s perspective organized by Sathyabama IEI Student Branch in association with The Institution of Engineers (India). The session was handled by Ms.ApoorvaTungaturthy, Software Developer at a US company Revature which is one of the leading companies in US and Canada in hiring the talent and training them to meet the needs of Next Generation Technology Talent.

Attend this extremely enthusiastic session by our Alumni Apoorva. She's going to share all her experiences about her upbringing ,downfall and many more right from entering Sathyabama until her placements in multiple top companies.

Embrace this wonderful session which is going to change your vision towards your success and fill you with completely new desire of being a 'Triumphant'.



Webinar on Aspire to Inspire



Title of the Programme:	Aspire to Inspire		
Topics Covered:	Prepare for the Corporate environment, discovering true potential and strengths, networking		
Webinar	FDP		
Training	Workshop		
Student level/Faculty Level/Both	Both		
Date / time/ Duration of the Programme, No of Days	30/10/2021, 10:00 – 11:00 am IST, 1 hour		
Speaker Details	Ms.SadasivuniNikhita (DATA ENGINEERING ANALYST AT ACCENTURE)		
Number of Participants	National		International
	Internal	External	
	75	30	Total: 135
Names of the Convener	Dr. S. Karthikeyan		
Names of the Organizer	Mrs. J. Refonaa, Dr. S.L. JanyShabu		
Name of Student Organizer	Ms. Alena Thomas, CSE department		
Zoom Meeting ID	91659675525		
YouTube link			

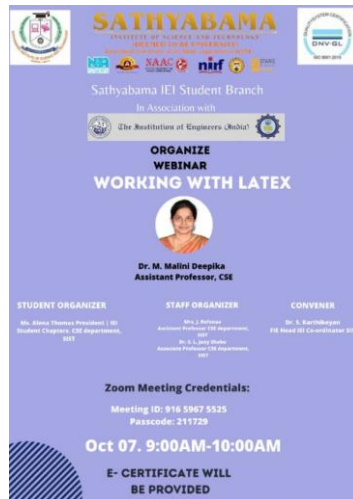


Brief of the program:

Live webinar on “Aspire to Inspire” organized by Sathyabama IEI Student Branch in association with The Institution of Engineers (India). The session was handled by Ms. SadasivuniNikhita(DATA ENGINEERING ANALYST AT ACCENTURE) Student coordinator of IEI(Institution of Engineers ,India).The session mainly focuses on how to be Corporate Ready and the key aspects to remember before attending any interview.



Webinar on Working with Latex



Title of the Programme:	Hands-on on Latex writing tool		
Topics Covered:	How to install latex, working with images, Tables, Equations, writing CV, Project Document and preparing ppt using beamer class		
Webinar Training	FDP Workshop		
Student level/Faculty Level/Both	Both		
Date / time/ Duration of the Programme, No of Days	07/10/2021, 11:15 – 12:15 pm IST, 1 hour		
Speaker Details	Dr. M. Malini Deepika, Assistant Professor Sathyabama Institute of Science and Technology, Chennai		
Number of Participants	National		International
	Internal	External	
	100	28	Total: 128
Names of the Convener			
Names of the Organizer	Mrs. J. Refonaa, Dr. S.L. JanyShabu		
Name of Student Organizer	Ms. Alena Thomas, CSE department		



Zoom Meeting ID	91659675525
YouTube link	

Brief of the program:

A hands on session has been conducted on documenting tool latex using this one can type set the document. LaTeX, which is pronounced «Lah-tech» or «Lay-tech» (to rhyme with «blech» or «Bertolt Brecht»), is a document preparation system for high-quality typesetting. It is most often used for medium-to-large technical or scientific documents but it can be used for almost any form of publishing.

LaTeX is not a word processor! Instead, LaTeX encourages authors not to worry too much about the appearance of their documents but to concentrate on getting the right content. We can do the following operations with it Typesetting journal articles, technical reports, books, and slide presentations.

Control over large documents containing sectioning, cross-references, tables and figures. Typesetting of complex mathematical formulas. Advanced typesetting of mathematics with AMS-LaTeX. Automatic generation of bibliographies and indexes. Multi-lingual typesetting. Inclusion of artwork, and process or spot colour. Using PostScript or Metafont fonts.



Webinar on Full Stack Development



Title of the Programme:	Full Stack Web Development and Career Guidance		
Topics Covered:	Basics of Full Stack Development and Career Guidance		
Webinar Training	FDP Workshop		
Student level/Faculty Level/Both	Both		
Date / time/ Duration of the Programme, No of Days	Aug 21, 2021, 11:15am – 12:15 pm IST, 1 hour		
Speaker Details	Mr. Monesh Venkul Vommi Java Full Stack Engineer at HCL		
Number of Participants	National		International
	Internal	External	
	70	38	Total: 108
Names of the Convener	Dr. S. Karthikeyan		
Names of the Organizer	Ms. J. Refonaa, Dr. S.L. JanyShabu		



Name of Student Organizer	Ms. Alena Thomas, CSE department
Zoom Meeting ID	951 0120 9583
YouTube link	

Brief of the program:

Live webinar on “Full Stack Web Development and Career Guidance” organized by Sathyabama IEI Student Branch in association with The Institution of Engineers (India). The session was handled by Mr. MoneshVenkulVommi, a Software Engineer at HCL Technologies.