CRITERION: 7.3- Performance of the Institution

7.3.1: Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

S.NO	Department
1	Unnat Bharath Abhiyan Activity
2	Institute Social Responsibility

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
Gandhi Road (OMR). Siruseri I'
i-603 103.

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

MSAJCE (Mohammed Sathak A.J. College of Engineering) was founded with the goal of being a leading institute for higher education and research by implementing innovative teaching-learning and sustainable practises to address industry and societal needs.

To contribute towards the socio economic development of the society, the college has initiated many activities under Institutional Social Responsibility (ISR). This also helps us to inculcate social awareness and values amongst students and also to nurture moral and ethical values so as to provide service to the society through activities and discharge their obligations towards the society

Salient features:

- Classes are taken for government school students in the subjects like mathematics, physics, chemistry and computer science, where adequate teachers are not available
- Science exhibitions are conducted to encourage school and polytechnic college students to improve abilities in critical thinking, problem solving skills
- Hands-on Training is provided to create awareness in Science & Technology development among school and polytechnic college students in niche areas such as 3D printing, Robotics, Mobile App and Game development
- Motivational talk, life skill programs, stress management by experts are arranged to school students at their premises & in online mode during pandemic period to inspire them to learn more deeply and perform better
- Furniture's, computers and books are given to needy government schools in the vicinity of the college
- Scholarships are given to meritorious and economically backward students from rural area for admission into the college
- Best teachers from schools and polytechnic colleges are honoured every year in teacher's day celebrations
- Five villages are adopted under Unnat Bharat Abhiyan and various activities are initiated such as conducting survey and training for unemployed youth.

1. UNNAT BHARATH ABHIYAN ACTIVITY

उन्नत भारत अभियान
राष्ट्रीय समन्वय संस्थान
भारतीय प्रौद्योगिकी संस्थान दिल्ली
हौज़ खास, नई दिल्ली-११००१६

UNNAT BHARAT ABHIYAN
NATIONAL COORDINATING INSTITUTE
INDIAN INSTITUTE OF TECHNOLOGY DELHI
Hauz Khas, New Delhi - 110016
Website : http://unnat.iitd.ac.in

Prof. Virendra K. Vijay
National Coordinator, UBA
Professor CRDT, IITD

Tel.   : +91-11-2659 1121/1157 (O)
Fax   : +91-11-2659 1121
Email : unnatbharatabhiyaniitd@gmail.com
          vkvijay@rdat.iitd.ac.in

Dear Sir/Madam,

    Congratulations to all the Participating Institutions (PIs) selected under Unnat Bharat Abhiyan, a flagship program of Ministry of Human Resource Development (MHRD) Government of India through a challenge mode application. The Mission of Unnat Bharat Abhiyan is to enable participating higher educational institutions to work with the people of rural India in identifying development challenges and evolving appropriate solutions for accelerating sustainable growth. It also aims to create a virtuous cycle between society and an inclusive academic system by providing knowledge and practices for emerging professions and to upgrade the capabilities of both the public and the private sectors in responding to the development needs of rural India.

 As per the programme, educational institutions is primarily to develop linkage with selective rural clusters (preferably of five villages), to get involved in the planning process and to promote the requisite S&T interventions to improvise and expedite the developmental efforts in those clusters. The approach is a departure from the grant oriented method and would see the participation and commitment of faculty and students in this endeavour.

    We shall be processing release of Rs. 10000/- per village under the UBA program. The funds are mainly meant for assistance for awareness, Gram Panchayat Development Plan (GPDP) study, need assessment, and contingency expenditure. There are provision of Rs 1.0 lakh for technological intervention/ solution and Rs 0.50/- lakh for customization of a technological solution under the program. Which you can avail of afterwards by submitting proposals with ratification of the Gramsabha. A two-way channel between PIs and National Coordinating Institute (NCI) as well as Subject Expert Groups (SEGs) for project proposal submission and evaluation has been developed and functional on UBA portal. You can use your login credential for uploading proposals on UBA website 'FINANCIAL AIDS '. The login credentials are same as your registration login credentials.

You are also requested to keep IIT Delhi, the National Coordinating Institute updated about your activities so that the same can be uploaded on the website of UBA.

Regards and best wishes for your institution for contributing to India's development.

With regards

Your Sincerely ,
Prof. Virendra K Vijay
National Coordinator,
Unnat Bharat Abhiyan

Appreciation Letter from IIT, Delhi for Unnat Bharath Abhiyan

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34 Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

Dr N Saravana Kumar, IAS
Joint Secretary (ICC/P)
Tel.: +91-11-23071486
Fax: +91-11-23071487
E-mail: saravana.kumar@gov.in

भारत सरकार
मानव संसाधन विकास मंत्रालय
उच्चतर शिक्षा विभाग
शास्त्री भवन
नई दिल्ली – 110 115
GOVERNMENT OF INDIA
MINISTRY OF HUMAN RESOURCE DEVELOPMENT
DEPARTMENT OF HIGHER EDUCATION
SHASTRI BHAVAN
NEW DELHI-110 115

D.O. No.5-1/2016–UBA   Dated: 20th July, 2018

Dear District Collector,

As you may be aware, UNNAT BHARAT ABHIYAAN is a flagship programme initiated by Government of India with the objective to engage reputed Higher Educational Institutions (both central and state; public and private) to understand and work in rural areas. As of now, 750 reputed institutions have been selected on a challenge mode. With the intention of enriching rural India, these selected Institutions are expected to customise the available technologies or develop new technologies as per the local needs and also to improve the implementation of existing government programmes.

The details of the selected Higher Educational Institute(s) in your district, along with the selected 5 villages and also the contact details of Project Coordinator of the said institute(s) are attached herewith.

I request you to facilitate the works of the selected Institute(s) in the identified villages, through following interventions:

1.   Facilitate meeting of Project Coordinator with all concerned stakeholders like Gram Panchayats, BDOs, District Development Authority etc.

2.   Your guidance to the selected Institute(s), with regard to the needs of the district/ selected villages;

3.   Mobilisation of funds from district administration or other sources to the Institute, if possible, in accordance with the activities under UBA.

4.   Time to Time review under your leadership.

In this regard Secretary, Higher Education has also requested for facilitation vide D.O. No 5-1/2016-UBA dated 16-4-2018.

IIT, Delhi is the National Coordinating Institute for the implementation of Unnat Bharat Abhiyan. For any clarification, your office may contact IIT Delhi (unnatbharatabhiyaniitd@gmail.com) / 011-26591157/26596451 or the undersigned.
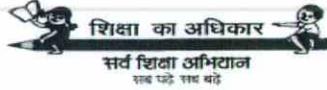
Thanking you.

Yours sincerely,

(N Saravana Kumar)

Enclosed: As above

Copy To :- Secretary, Higher Education of all States/UT's.

शिक्षा का अधिकार
सर्व शिक्षा अभियान
सब पढ़े सब बढ़े

Approval Letter from MHRD for Unnat Bharath Abhiyan

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
Gandhi Road (OMR). Siruseri, IT Park
603 103.

A.John Louis, I.A.S.,
District Collector,
Chengalpattu District.

Chengalpattu.

Date :11.03.2020

To
The Principal,
Mohamed Sathak.A.J. College of Engineering,
No.34,Rajiv Gandhi Road (OMR) SIPCOT IT Park,
Siruseri, Chennai - 603 103.

RC.No. 1170 /2019/A2   Date : 11.03.2020

Sir,

Sub   Unnat Bharat Abhiyan (UBA) – Chengalpattu District –
Village adoption programme – Institutions selected as
Participation Institution (PI) by AICTE - consent accorded
for the adoption selected Villages – Reg.

Ref   The Principal, Mohamed Sathak.A.J. College of
Engineering, No.34,Rajiv Gandhi Road (OMR) SIPCOT IT
Park, Siruseri, Chennai - 603 103 Letter dated ..28.02.2020.

....

As requested in the reference cited, I wish to inform that the District Administration has
given consent to adopt the following Villages by Mohamed Sathak.A.J. College of
Engineering, Siruseri for the development process, under the Unnat Bharath Abhiyan Scheme.

Sl.No.	Name of the Block	Sl.No.	Name of the Village Panchayat
1	Thiruporur	1	Karanai
		2	Siruseri
		3	Thazhambur
2	ST.Thomos Mount	1	Perumbakkam

The Action taken in this regard may be furnished for record.

Sd/.A.John Louis,
District Collector,
Chenlgalpattu.

// By Order //

Assistant Director (Panchayats),
Chengalpattu.

Copy to Block Development Officer (BP) & (VP).
Thiruporur Panchayat Union.

Copy to Block Development Officer (BP) & (VP).
ST.Thomos Mount Panchayat Union.

Collector Permission Letter for Unnat Bharat Abhiyan

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34 Raji... Road (OMR), Siruseri, IT Park
...ai-603 103.

Ref. No.: MSAJCE/ PO/ 030/ 2020 – 21

Date: 19.02.2021

To

The Block Development Officer,
Thiruporur Panchayat Union,
Chengalpattu Dist.

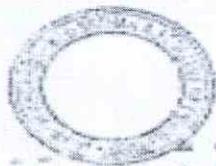Sub : Request permission for village survey – reg.

Respected Sir,

    As per District Collector order we have to conduct Village Household Survey on Thazhambur, Karanai & Siruseri Gram Panchayat under the Unnat Bharath Abhiyan Scheme. So, I request you to kindly consider the above request and do the needful.

        Thanking you,

Enclosure :

1. District Collector order copy.

PRINCIPAL
PRINCIPAL
MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING
No. 34, Rajiv Gandhi Road, (OMR) SIPCOT - IT Park
Siruseri, Chennai - 603 103.

Request Letter to Block Development Officer for Unnat Bharat Abhiyan

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
Road (OMR), Siruseri, IT Park

ந.க.எண். 628/2021/அ2
நாள்.25.02.2021

வட்டார அலுவலகம்
திருப்போரூர்

வடிகைக்குறிப்பு

பொருள் - கணக்கெடுப்பு - உன்னத பாரத அபியான் திட்டத்தில் கீழ் பொறியியல் கல்லூரி மாணவர்களால் கணக்கெடுப்பு நடத்தப்படவுள்ளது - உரிய விபரங்கள் மாணவர்களுக்கு அளிக்க கோருதல் - சார்ந்து.

பார்வை - 1) முதல்வர், முகமது சதக் பொறியியல் கல்லூரி அவர்களின் கடிதம் எண்.MSAJCE/PO/030.2020/21 நாள்.19.02.2021
2)மாவட்ட ஆட்சித்தலைவர் அவர்களின் கடிதம் ந.க.எண்.1170/2019/A.2/நாள்.11.03.2020.

*****

பார்வையில் 2-ல் காணும் மாவட்ட ஆட்சித்தலைவர் அவர்களின் கடிதத்தில் தெரிவித்துள்ளபடி திருப்போரூர் ஒன்றியத்திலடங்கிய காரணை, சிறுசேரி, தாழம்பூர் ஊராட்சிகளில் மைய அரசின் உன்னத பாரத அபியான் திட்டத்தின் கீழ் ஊராட்சிகளில் பொதுமக்களின் தேவைகளின் அடிப்படைசார்ந்த விபரங்கள் முகமது சதக் கல்லூரி மாணவிகளால் 06.03.2021, 13.03.2021, 20.03.2021 ஆகிய தினங்களில் கணக்கெடுப்பு நடத்தப்பெற உள்ளது எனவே மேற்கண்ட தினங்களில் கணக்கெடுப்பினை மாணவர்கள் மேற்கொள்ளும்போது உரிய உதவிகள் மேற்கொள்ள மேற்கண்ட ஊராட்சி செயலர்கள் கேட்டுக்கொள்ளப்படுகிறார்கள்.

வட்டார வளர்ச்சி அலுவலர்(பொ)
திருப்போரூர்.

25/02/2021

பெறுநர்

ஊராட்சி செயலர்கள்
காரணை/சிறுசேரி/தாழம்பூர் ஊராட்சி
திருப்போரூர் ஊராட்சி ஒன்றியம்.

நகல்., முதல்வர், முகமது சதக் பொறியியல் கல்லூரி
ராஜீவ் காந்தி சாலை.,
சிறுசேரி, சென்னை-603 103

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
Gandhi Road (OMR), Siruseri, IT Park
603 103

Block Development Officer Permission Letter for Unnat Bharat Abhiyan- Thiruporur

விடுநர்   பெறுநர்

க.பஞ்சு,   முதல்வர்,
வட்டார வளர்ச்சி அலுவலர்(கி.ஐ),   முகமது சதக் ஏ.ஜெ பொறியியல் கல்லூரி,
புனித தோமையார்மலை ஊராட்சி ஒன்றியம்   எண்.34, ராஜிவ்காந்தி சாலை,
(இ) சிட்லபாக்கம்.   சிப்காட் ஐ டி பூங்கா,
                                       சிறுசேரி, சென்னை - 600103.

நக.எண்.159/2020/ஆ1, நாள்.24.02.2021.

அன்புடைமீர்,

பொருள் :   ஊராட்சி நிர்வாகம் - செங்கல்பட்டு மாவட்டம் - புனித
            தோமையார்மலை ஊராட்சி ஒன்றியம் - உன்னத் பாரத்
            அபியான் திட்டத்தின் கீழ் - முகமத் சதக் ஏ.ஜெ
            பொறியியல் கல்லூரி மூலம் பெரும்பாக்கம்
            ஊராட்சியில் கணக்கெடுப்பு மேற்கொள்ளுதல் -
            சார்ந்து.

பார்வை :   1. மாவட்ட ஆட்சித்தலைவர், செங்கல்பட்டு
               அவர்களின் கடித நக.க.எண்.1170/2019/அ2.
               நாள்.11.03.2020.

            2. முதல்வர், முகமத் சதக் ஏ.ஜெ பொறியியல் கல்லூரி,
                எண்.34, ராஜிவ்காந்தி சாலை, சிப்காட் ஐ டி பூங்கா,
                சிறுசேரி, சென்னை - 600103. என்பவரின் கடித
                நாள்.18.02.2021.

                         ****

        பார்வை 1ல் காணும் மாவட்ட ஆட்சித்தலைவர், செங்கல்பட்டு அவர்களின்
கடிதத்தில் தெரிவிக்கப்பட்டுள்ளதற்கிணங்க, முகமத் சதக் ஏ.ஜெ பொறியியல் கல்லூரி
உன்னத் பாரத் அபியான் திட்டத்தின் கீழ், புனித தோமையார்மலை ஊராட்சி
ஒன்றியத்திற்குட்பட்ட, பெரும்பாக்கம் ஊராட்சியில் சம்மந்தப்பட்ட ஊராட்சி செயலருடன்
இணைந்து கணக்கெடுப்பு மேற்கொள்ள தெரிவித்துக்கொள்ளப்படு கிறது.

                                    வட்டார வளர்ச்சி அலுவலர்(கி.ஐ)
                                    புனித தோமையார்மலை ஊராட்சி ஒன்றியம்
                                    (இ) சிட்லபாக்கம்.

நகல்
1. மாவட்ட ஆட்சித்தலைவர், செங்கல்பட்டு அவர்களுக்கு பணிந்தனுப்பப்படு கிறது.
2. உதவி இயக்குநர்(ஊராட்சிகள்), செங்கல்பட்டு மாவட்டம்
   அவர்களுக்கு தகவலுக்காக பணிந்தனுப்பப்படு கிறது.
3. மண்டல துணை வட்டார வளர்ச்சி அலுவலர் (மண்டலம் -3) /ஊராட்சி செயலர்,
   பெரும்பாக்கம் ஊராட்சி, புனித தோமையார்மலை ஊராட்சி ஒன்றியம்.

Block Development Officer Permission Letter for Unnat Bharat Abhiyan-
Chittalapakkam

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34 Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

Unnat Bharat Abhiyan Activities in siruseri

Unnat Bharat Abhiyan Activities in siruseri

2. INSTITUTE SOCIAL RESPONSIBILITY

MOHAMED SATHAK
A J COLLEGE OF ENGINEERING
34, Rajiv Gandhi Salai (OMR), Siruseri IT Park, Chennai - 603103

Institute
Social Responsibility
ISR (2019 - 2020)

Tech Jamboree

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri

Phone: +91-44 - 2747 0024   msajce.office@gmail.com   www.msajce-edu.in

Polytechnic colleges visit to MSAJCE

T.S.Srinivasan Polytechnic College - Maduravoyal

Central Polytechnic College - Taramani
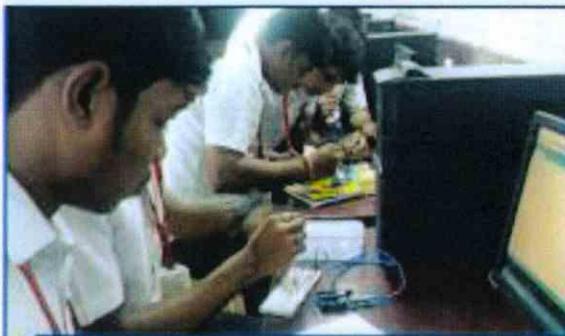
CPCL Polytechnic College - Manali

PSB Polytechnic College - Kelambakkam

Little Flower Polytechnic College - Mowlivakkam

Various Polytechnics participated in Tech Jamboree 2020 - Workshop Series on 3D Printing, Mobile App Development, CNC Programming and Embedded & IoT Design

V. Ramakrishna Polytechnic College - Thiruvottiyur

About MSAJCE

The Mohamed Sathak A.J. College of Engineering (MSAJCE) was established in 2001 under the aegis of Mohamed Sathak Trust, is affiliated to Anna University & approved by AICTE. The Mohamed Sathak Trust has 47 years of excellence in education sector, offering Technical, Arts and Science, Medical and Management Education. The MSAJCE was established with an objective of imparting quality education, developing ethical values and personality traits thereby moulding the budding engineers into dynamic and deployable engineers. The college campus sprawling over 70 acres of greenery, is adjacent to SIPCOT IT Park, Siruseri Chennai and is surrounded by multinational IT industries such as TCS, CTS, Infosys, HCL, Aspire, Steria, Polaris, Hexaware Technologies, Intellect, FL Smidth etc. Mohamed Sathak A.J.College of Engineering offers 6 UG Courses, and 2 PG courses, viz B.E. in Civil Engineering, Computer Science and Engineering, Electronics and Communication Engineering, Electrical and Electronics Engineering, Mechanical Engineering, B.Tech in Information Technology, M.E in Computer Science and Engineering & Structural Engineering.

The college houses ample infrastructure such as classrooms, laboratories with state of the art facilities, industry oriented Research Labs, library, sports arena, canteen, hostels, dispensary, bank etc. The Library houses over 25395 volumes, 4360 titles and 1500 online International Journals and also holds Delnet membership and Anna University library membership. The campus is a Technology Enabled Campus with 450 computers connected in a LAN network & WiFi connectivity with 100 Mbps broadband facility. The college provides a conducive environment for intellectual development, free thinking, and personal growth through Self learning; Competitive based learning and Innovative learning. To support these activities centres with cutting edge technologies in collaboration with various industries have been established for dynamic learning opportunities and equipping them with the skills, insights, attitudes and practical experiences that are necessary to take up responsibilities in the industry and society. MSAJCE has faculty members who are a right mix of youth and experience focus on concept teaching rather than content transfer. The faculty have presented 193 research papers in various National and International Conferences, published 136 research papers in National and International Journals.

MSAJCE provides a wide scope for excellent personality development for students through professional associations, co-curricular and extracurricular activities. Students are encouraged to participate in various student chapters in IEEE, CSI, ISTE, IETE, SAE, ICTACT, NSS, YRC etc. Regular interaction with Industry experts; Industrial Visits, Internship & in Plant Training are provided to update the industrial practices and requirement. The MSAJCE encourages Counselling and Career Guidance sessions on higher studies, Start ups and Entrepreneurship through mentoring and organizing the awareness camps. The Innovative Cell nurtures innovation and entrepreneurial spirit of young Technocrats and convert their ideas into commercial products. Placement cell provides job opportunities to all eligible students in various leading industries such as Amazon, ZOHO, Infosys, Wipro, TCS, Cognizant, Gofrugal, Syntel, Rennault Nissan, Daimler, Ashok Leyland, Saint Gobain, MRF, PayPal, Mando, Accenture, Pin Click, Sanmar, FLSmidth, Paypal, QSPider Pvt Ltd, Bosch, TVS Group, Datapattern, KIML, JBKM, Open Wave, Tech Mahindra, HCL, etc. Adequate training to enhance technical, practical knowledge and soft skills are provided regularly by a team of professionals with rich Industry and Academic experience.
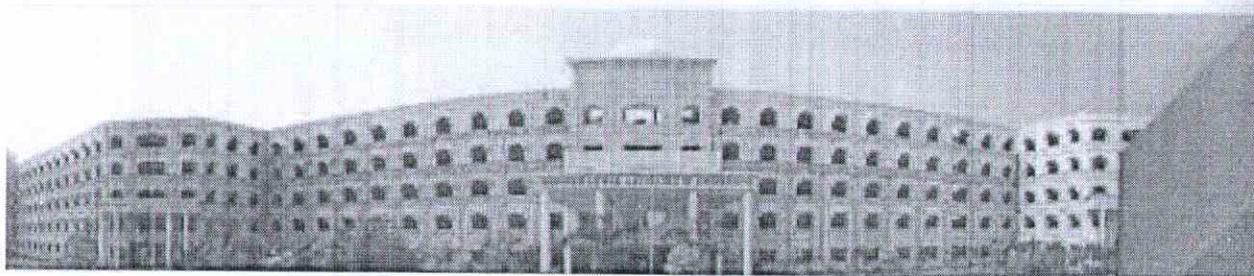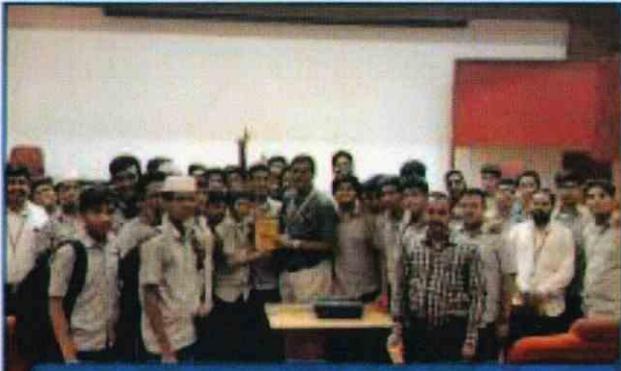
Various Schools visit to MSAJCE for Science Expo

SJNS Jain Matric Hr Sec School - Triplicane

Govt ADW Hr Secy School - Thalyur

Measi Matric Hr Sec School - Mannady

VOC Vidyalaya Matric Hr Sec School - Perambur

Kumararajah Muthiah Hr Sec School - Adyar

St.Vincent's Matriculation Hr.Sec.School - Choolaimedu

Tech Jamboree, a year long tech fest started in the academic year 2019 at Mohamed Sathak A.J. College of Engineering, (MSAJCE) to provide a platform for the students of school, polytechnic and college level to create the awareness in Science and Technology. Under this umbrella, a chain of events are planned throughout the year such as symposium, workshop, seminar, and hands on experience at cutting edge technologies, life skill activities, Ideathon competition, paper presentation, project expo and many more.

The objective of this program is to provide hands on experience on cutting edge technologies at our industry oriented labs/ Centre of excellences. This program will support the students to approach the life with confidence. There are 16 industry oriented labs/ Centre of excellence in the latest technology with state of the art facility established to support various activities.Tech Jamboree made an endeavor in motivating students to create a healthy competition and environment, the ability to think critically and abstractly to approach the problems of industry and society.

As a part of Institution Social Responsibility (ISR), in the academic year 2019 -2020, we have organized more than 100 programs on Awareness about Science & Technology at various parts of Tamilnadu, 2000 students visited from various schools in and around Chennai to participate in various workshops at our Technology Centre. In 25 schools the Guest Lecture/ Seminar on Python/ Maths/ Physics/ Chemistry classes were delivered for +2 students. In adition 700 students from 25 polytechnics in and around Chennai participated in various programs organized by our institute.

Teachers from various schools across Tamilnadu were rewarded on Teacher's Day celebration. Women empowerment program, Tree plantation and various social activities had been completed in and around Chennai. Tech   Jamboree has proved its identity by inspiring new findings, generating new concepts and stimulating the seekers of new knowledge in the service of society. Presently, Tech Jamboree has reached 25,000 students from all streams of student community namely Polytechnic colleges, higher secondary students and economically backward students. Tech Jamboree plans to reach five lakh students to extend its service in various fields namely Engineering Education, Job Recruitments, Social Awareness Service. Due recognition is given to all the participants and the winners are awarded with prizes. The readers of this Souvenir can also be a part of Tech Jamboree in the forthcoming events to bring brilliant changes in the blooming society and produce skilled Engineers which is the requirement of the day.
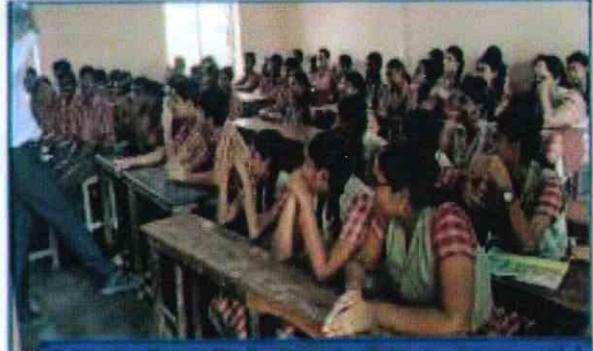

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MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
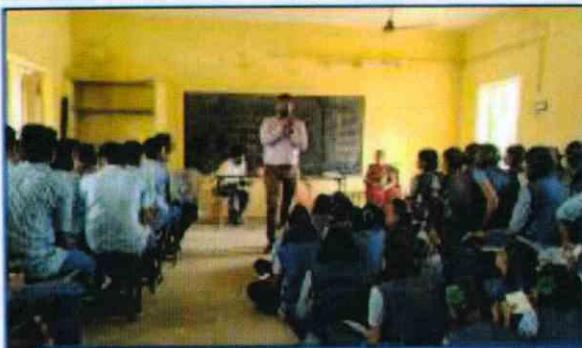34   ajiv Gandhi Road (OMR), Siruseri, II Park
Chennai-603 103.

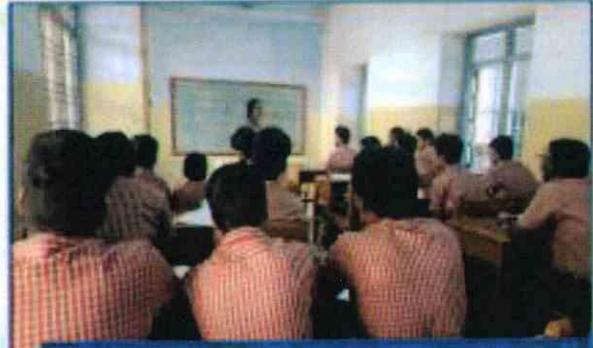# MSAJCE Faculty visit to various Schools for Workshop
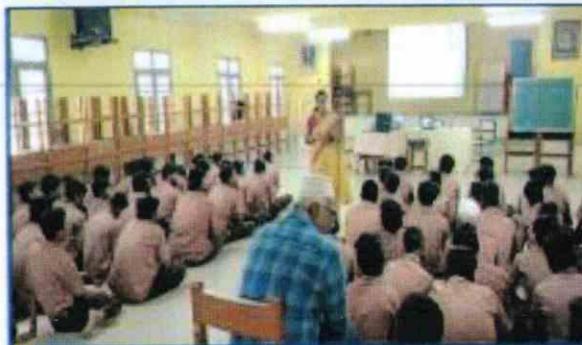

Hindu Secondary School, Kotturpuram

St.Thomas Matric Hr Sec School, Madipakkam

GOVT Higher Secondary School, Kadapakkam

JBAS Matric Higher Secondary School, Teynampet

Fathima Basheer Matric Hr Sec School, Teynampet

Fathima Basheer Matric Hr Sec School, Teynampet

Workshop Series for Polytechnic Students

S.No	Name of the Polytechnic	Date of Visit	Workshop Training	No of Students
1	CPCL Polytechnic College Manali	04.01.2020	3D Printing & Digital Manufacturing	20
2	CPCL Polytechnic College Manali	04.01.2020	Embedded & IOT	10
3	Central Polytechnic College, Taramani	04.01.2020	Mobile App Development	26
4	Central Polytechnic College, Taramani	11.01.2020	Mobile App Development	25
5	Central Polytechnic College, Taramani	11.01.2020	Embedded & IOT	33
6	T.S Srinivasan Polytechnic College, Vanagaram	25.01.2020	3D Printing & Digital Manufacturing	59
7	T.S Srinivasan Polytechnic College, Vanagaram	25.01.2020	CNC Programming	59
8	T.S Srinivasan Polytechnic College, Vanagaram	25.01.2020	Embedded & IOT	28
9	Central Polytechnic College, Taramani	25.01.2020	Mobile App Development	30

Science Expo for School Students Visited Details

S.No	Name of the Schools	Area of the School	Date of Visit	No of Students
1	Brotherhood Matric HSS	Neelankarai	28.08.2019	48
2	Govt Hr Sec School	Kelambakkam	31.08.2019	72
3	Manuelmony Matric HSS	Palavakkam	31.08.2019	45
4	Md Sathak Matric HSS	Arumbakkam	31.08.2019	68
5	KVS Matric HSS	Kadapakkam	07.09.2019	60
6	Sri Ramakrishna Matric HSS	T.Nagar	24.09.2019	161
7	MCN Hr Sec School	T.Nagar	24.09.2019	53
8	St.Helan HSS	St.Thomas Mount	24.09.2019	45
9	Govt ADW HSS	Thaiyur	25.09.2019	60
10	PS Matric HSS	Mylapore	25.09.2019	54
11	PS Hr Sec School	Mylapore	25.09.2019	48
12	Emma Foulger Matric HSS	Royapettah	25.09.2019	62
13	JBAS HSS	Teynampet	26.09.2019	59
14	St.Vincent Matric HSS	Choolaimedu	19.10.2019	85
15	Good Hope Matric HSS	Arumbakkam	19.10.2019	43
16	Kumararaja Muthiah HSS	Adyar	15.11.2019	40
17	Kelleth HSS	Triplicane	15.11.2019	58
18	VOC Vidayala Matric HSS	Perambur	18.11.2019	114
19	Measi Matric HSS	Broadway	19.11.2019	52
20	SJNS Matric HSS	Triplicane	24.01.2020	61

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Life Skills Program at various Schools

SAB Matric Higher Secondary School
Uthamapalayam

SUM Higher Secondary School
Royappanpatty

PG Matric Higher Secondary School
Gudalur

Crescent Matric Higher Secondary School
Uthamapalayam

Tech Jamboree for 1st year B.E / B.Tech

Life Skill Program at Various Schools

S.No	Name of the Schools	Area of the School	Date of Visit	No of Students
1	ARLM Matric HSS	Cuddalore	09.10.2019	500
2	Muhyideenya Mat HSS	Kayalpattinam	10.10.2019	53
3	Central HSS (Boys)	Kayalpattinam	10.10.2019	111
4	Central Matric HSS (Girls)	Kayalpattinam	10.10.2019	80
5	Govt. girls HSS Cuddalore	Cuddalore	10.10.2019	412
6	Muthaiyar.Mat.Hr.Sec.School	Punruti	10.10.2019	500
7	C.K Hr.Sec.School	Cuddalore	11.10.2019	550
8	Govt.Hr.Sec.School	Naduveerpat	11.10.2019	400
9	Govt.Hr.Sec.School (Combined)	C.N Palayam	11.10.2019	250
10	LK Matic HSS (Boys)	Kayalpattinam	11.10.2019	127
11	Zubaida HSS	Kayalpattinam	11.10.2019	121
12	LK Matic HSS (Girls)	Kayalpattinam	11.10.2019	57
13	Mustafa Matric HSS	Chidambaram	12.10.2019	62
14	Kalima Matric HSS	Parangipettai	12.10.2019	28
15	Govt Boys HSS	T.V Malai	16.10.2019	70
16	Sri Krishna Vidya mandir HSS	T.V Malai	16.10.2019	50
17	Shanmuga industries Govt HSS	T.V Malai	16.10.2019	220
18	Rahmania HSS	Melapalayam	17.10.2019	84
19	The Muslim HSS	Melapalayam	17.10.2019	210
20	Golden Jubilee HSS (Girls)	Melapalayam	18.10.2019	120
21	Qaida Millath Muncipal HSS	Melapalayam	18.10.2019	95
22	The Muslim Girls HSS	Melapalayam	18.10.2019	86
23	Ramakrishna Matric School	Chengam	18.10.2019	60
24	Govt Boys HSS, Singarapettai	Uthangarai	18.10.2019	165
25	Walter Scudder HSS	Tindivanam	19.10.2019	350
26	Govt Girls HSS	Tindivanam	19.10.2019	100
27	Govt.Hr.Sec.School, pundiakuppam	Cuddalore	21.10.2019	250
28	St. Joseph Mat.HSS,Kammiyampet	Cuddalore	21.10.2019	550
29	Govt.Girls Hr.Sec.School, OT	Cuddalore	22.10.2019	500
30	St. Joseph Mat.HSS Manjakuppam	Cuddalore	22.10.2019	860
31	Govt.Boys Higher Sec, school	Chengi	22.10.2019	450
32	Al.Hilal Mat.Hr.Sec.School	Chengi	22.10.2019	160
33	Islamia Boys Hr.Sec.School,	Melvisharam	22.10.2019	400
34	VRV Girls Hr.Sec.School	Ranipet	22.10.2019	455
35	B.N Thope Munipality Govt Hr.Sec.School	Villupuram	23.10.2019	440
36	Govt.Hr.Sec.School	Villupuram	23.10.2019	150
37	Sri Venkateshwara Hr.Sec.School	Vellore	23.10.2019	261
38	EVR Nagammai Girls Hr.Sec.School	Vellore	23.10.2019	348
39	Alameen Mat HSS	Kumbakonam	23.10.2019	500
40	Anjuman Mat.Hr.Sec.School	Tanjore	23.10.2019	400
41	Abdul Hakkim Sahib Govt Boys School	Arcot	24.10.2019	300
42	Sri Ramakrishna Hr.Sec.School	Arcot	24.10.2019	350
43	Manfort Mat.Hr.Sec,School	Tindivanam	24.10.2019	250
44	St.Annes.Hr.Sec.School	Tindivanam	24.10.2019	260
45	The Crescent Matric HSS	Uthamapalayam	31.10.2019	70
46	SAB Matric HSS	Uthamapalayam	01.11.2019	140
47	Sri Vikasa Vidyalaya Matric HSS	Uthamapalayam	02.11.2019	150
48	SUM HSS	Royapanpatti	02.11.2019	300
49	St.Alosius HSS	Royapanpatti	04.11.2019	250
50	St.Alosius Mat.Hr.Sec HSS	Royapanpatti	01.11.2019	150
51	NSK Ponniah Goundar HSS	Gudalur	04.11.2019	280
52	Cardomom Planter's HSS	Cumbum	04.11.2019	110
53	Govt Girls HSS	Cumbum	04.11.2019	320

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Mrs. A.J. Ruby Helka
E.L.M. Fabricious Hr Sec School,
Purasawalkam, Chennai

Mrs. S.Esther Kirubakaran
T.E.L.C Magdalene
Girls Hr Sec School,
Purasawalkam, Chennai

Mrs. Julie Samuel
C.S.I Anderson Day Girls'
Hr.Sec School, Broadway, Chennai

Mr. Ayyalu K
Chennai Boys' Hr. Sec School
Nungambakkam, Chennai

Mr. Baskar
Kamarajah Muthiah Hr Sec School,
Adyar, Chennai

Mrs. Shanthi
Municipal Hr.Sec school,
Mangadhinagar, Sattur

Mrs. Farhana Begum K
Christ King Matric School
Chennai

Mr. B. Suresh
Chennai Boys Hr Sec School,
Saidapet, Chennai

Mr. K.Subramanian
CHSS Madambakkam, Guindy,
Chennai

Mrs. C. Mini
St. Mary's Matric Hr.Sec School,
East Tambaram, Chennai

Mrs. K.L Sujatha
Jalgopal Garodia Govt Girls
Hr Sec School, Chrompet, Chennai

Mr. N.Veeramani
Government Boys' Hr Sec School
Pattukkottai.

Mrs. C. P. Sundaravalli
Government Hr Sec school,
Nandanam, Chennai

Mrs. Zarina .N
Don Bosco Matric Hr Sec School
Eraikkancheri, Chennai

Ms. C.S. Shiji Christopher
SMD PVC Hr Sec School,
Chennai

Mr. J.Prabu
C.S.I Corley Matric Hr. Sec. School,
East Tambaram, Chennai

Mrs. D.Boniface
Govt ADW Hr. Sec School,
Thalyur

Mr. M.Kartheeswaran
Nehru Nadar Matric. Hr. Sec. School
Chennai

Mrs. G. Hepzy
Adyar Anna Govt Hr.Sec.
school, Adyar, Chennai

Dr.M.Sathishkumar
PSB Polytechnic College,
Kelambakkam, Chennai

Mr.R.Ravi
Andhaga Thirpanasundari Amman
Polytechnic College, Chennai

Mrs. Geetha
Jawahar Higher Sec.School,
Ashok Nagar, Chennai

Mr.D.N Gnyananthan
Don Bosco Polytechnic College
Thirukazhukunram, Chennai

Mr. P.Senthil Kumar
Government Hr. Sec School,
Naduvattapaaru

Mrs. Priya
Chennai Hr. Sec School,
Chennai

Mrs. R. Jeyapriya
CHSS, Thiruvanmiyur,
Chennai

Dr. R. Onanish Kumar
Municipal Hr Sec School,
Saidpur, Chennai

Mrs. Chitra R
Mohamed Sathak Matric
& Hr. Sec. School, Chennai

Mr. V. K. Murugezhilan
Govt Hr. Sec School, Dhiram
Thamaipakkam

Mr.E.Thamarai Selvan
St.Joseph Hr. Sec School
Tharsukam, Chennai

Mrs. U. Sharmila
Mohamed Sathak Matric
& Hr. Sec. School,
Chennai

Mrs. Guravathi.B
The Children's Garden Hr.Sec School
Mylapore, Chennai

Mrs. B.Priyadharsini
Jalgopal Garodia Govt Girls
Hr Sec School
Chrompet, Chennai

Mr. R. Sridharan
Thiru Seven Hills polytechnic College,
Chennai

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State Level Technical Symposium

Abstract

S.No	Title of the Projects	Author Name	Name of the Plytechnic College
1	Wi Fi Based Secure Wireless Communication Using RSA	D.Jayaprakash, P.Pravin Kumar, N.Dhivakar, S.Samraj	Government Polytechnic College
2	Smart Home	Priyadharshan.I, Maethu.A	Valivalam Desikar Polytechnic College
3	Voice Controlled Robotic System using Arduino Microcontroller	S.M.Kiruthick, D.Ganeshamoorthy	Valivalam Desikar Polytechnic College
4	Internet Of Things and Applications	E.Lakshmanan , M.Ganesh	Motilal Nehru Government Polytechnic College
5	IOT Application in Electrical Systems	E.Jayakanth	T S Srinivasan Centre for Polytechnic College
6	Iot in Agriculture	Mohammed Rafi.M, Pattu Durai.S	Sankar Polytechnic college
7	Renewable Energy Resources	Mohammed Firoz, Sheik Anas Thaneesh	Mohamed Sathak Polytechnic College
8	Smart Farming-Agriculture of future India	V.Pranav Srinath	T S Srinivasan Centre for Polytechnic College
9	Electric Vehicle Using Solar System	V. Divya	Cholan Institute of Technology
10	Renewable Resources (Hydro Power Plant)	Karthick.K, Rizwan.J	Don Bosco Polytechnic College
11	Renewable Energy Sources	M.A.Sundarajan, D.Yeswanth	T S Srinivasan Centre for Polytechnic College
12	3D Printing and Manufacturing Technology	P.Yoganath, U.Chandru	Motilal Nehru Government Polytechnic College
13	Design and fabrication of combined pedal for brake and accelerator in auto gear vehicle	Samuel Shifas	V Ramakrishna Polytechnic College
14	Fire fighting	Ragul	V Ramakrishna Polytechnic College
15	Electronic Health Records Using Block Chain Technology	S.Gurumoorthi, B.Anandhaganabathi	Valivalam Desikar Polytechnic College
16	Electromagnetic Braking System	Jaganathan R, Logesh P, Ravi B, Kamalesh M, Sanjay P, Suriya prakash S	Ramakrishna Polytechnic College
17	Electrical Vehicle(Using the wind to recharge the electrical vehicle)	M.Chandiran, S.Themotheyu	Don Bosco Polytechnic College
18	Automatic Engine Locking System for Drunken Drivers	A.Mohamed Imthiyas Ashik, K.Parameswaran, R.Karthik, A.Tamilselvan	Government Polytechnic College
19	Brain Controlled Robo	E.Ashok, S.Munusami, R.Ayyanar, G.Surya	Government Polytechnic College
20	Renewable Energy Resources	M.Ponvignesh, K.Karthick Murugan	N.A Manjammal Polytechnic College

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Project Expo

S.No	Title of the Projects	Author Name	Name of the Plytechnic College
1	ECE-PE01: WIFI based secure wireless communication using RSA	D.Jaya Prakash, P.Praveen Kumar, N.Dhivakar	Government Polytechnic College
2	ECE-PE02: Personal assistant google	V.Dinesh, B.Prabhu, G.Harikumar, Vishnu Dharshan	V Ramakrishna Polytechnic College
3	ECE-PE03: IoT based underground water level controller with voice recognition	M.Shaikeshajahan, T.Aravindan, M.Murugaperumal, N.Navya, S.Shanmuga Priya	V Ramakrishna Polytechnic College
4	ECE-PE04: Multiway secured bank locker	B.Tamilselvan, U.Sanjai Kumar, E.Manikanda Praveen	V Ramakrishna Polytechnic College
5	ECE-PE05: Women Safety Device with GPS Tracking and Alerts	K.Anitha, B.Sangeetha, E.Malavika	Don Bosco Polytechnic College
6	ECE-PE06: Home Appliances Controlled by TV Remote	D.Jaya Prakash, P.Praveen Kumar, N.Dhivakar	Don Bosco Polytechnic College
7	ECE-PE07: Voice control robot	D.Ganesha Mooorthy, S.M.Kiruthick	Valivalam Desikar Polytechnic College
8	ECE-PE08: Automatic engine locking system for drunken drivers	A.Mohamed Imthiyas Ashik, K.Parameshwaran, R.Karthick	Government Polytechnic College
9	ECE-PE09: Brain Controlled Robot	E.Ashok, S.Munasami, R.Ayyanar	Government Polytechnic College
10	ECE-PE10: Heart Activated Machine	S.Thiyagu, M.Srinivasan, P.Gowtham, K.Dinesh	Thirumala Polytechnic College
11	ECE-PE11: Human Power System	S.Pradeep, Ayyanar, Lokesh Kumar	Thirumala Polytechnic College
12	ECE-PE12: Borewell Children Saved	M.Srinivasan, S.Thiyagu, N.Prathap, D.Muthukumaran	Thirumala Polytechnic College
13	ECE-PE13: Iot Based Automatic Car Parking System	P.Yoganath, U.Chandhru, M.Ganesh, E.Lakshmanan, Muruganatham	Motilal Nehru Government Polytechnic College
14	EEE-PE01: Solar Panel Tracking	M.Gokula Krishnan, T.Sudha, K.Dhilip Kumar	Don Bosco Polytechnic College
15	EEE-PE02: Virtual Reality Control Home Appliances Based On Touch Sensing	J.Balasubramanian, P.Anvesh Kumar, M.Dinesh Raj	V Ramakrishna Polytechnic College
16	EEE-PE03: Women Safety Device with GPS Tracking and Alert	R.Kathiravan, V.Boopalan	V Ramakrishna Polytechnic College
17	EEE-PE04: Wireless Power Transfer	E.Ranjith Kumar, G.Gowthaman, J.D.Joseph Charles	Don Bosco Polytechnic College
18	EEE-PE05: Wireman Safety	K.Arasan, K.Aashik Ahamed, S.Kannan	Don Bosco Polytechnic College
19	EEE-PE06: IoT Based Smart Electricity Maker and Building System	V.Santhosh, R.Praveen Raj, Maria Daniel	Don Bosco Polytechnic College
20	EEE-PE07: Load Control Using DTMF System	K.Anushalakshmi, V.Hema Malini, D.Rajesh	Don Bosco Polytechnic College

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Project Expo

S.No	Title of the Projects	Author Name	Name of the Plytechnic College
21	EEE-PE08: Iot Based Traffic Light Control System In Smart City	S.Navinash, G.Rohithkumar, D.R.Franklin Joseph	V Ramakrishna Polytechnic College
22	EEE-PE09: Child Rescue from Bore well using Zig Bee	A.T.Chandru, R.Chidambra Prasath, J.Kamalakannan	V Ramakrishna Polytechnic College
23	CSE -PE01: Ardino Based Traffic Control Signal	Vignesh.M, S.Divya, S.Suryakanth	V Ramakrishna Polytechnic College
24	CSE -PE02: Ardino Based Bluetooth Vehicle Operator	B.Manish Prasath, Sayan Mukherjee, K.B.Vineeth	V Ramakrishna Polytechnic College
25	MECH -PE01: Electro Magnetic Breaking System	R.Jagannathan, P.Logesh, M.Kamalesh	V Ramakrishna Polytechnic College
26	MECH -PE02: Design and Fabrication of Combined Pedal for Break and Accelerator in Autogear Vehicle	S.Samuel, V.Sunil Kumar, M.Sakthivel	V Ramakrishna Polytechnic College
27	MECH -PE03: Fire Extinguisher Robot	L.Rahul, S.Ramesh, R.Ranjith	V Ramakrishna Polytechnic College
28	MECH -PE04: Project Hexa	S.Prem Kumar, Ritesh Kumar Yadav	V Ramakrishna Polytechnic College

State Level Technical Symposium

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Even during covid pandemic time our institute conducted various online program for the 11th and 12th student Techjumboree, 2021.

Techjumboree Poster 2021

MOHAMED SATHAK
A J COLLEGE OF ENGINEERING
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Tech Jumboree

LEVEL - 2
FREE
ONLINE WORKSHOP

Time
11.00 AM - 12.30 PM

Monday
Soft Skill Training

Tuesday
Engineering Basics & Hobbies

Wednesday
Fun with Maths

Thursday
Japanese Language training

Friday
Online Technology based course with certification

Saturday
Career Guidance Program

CONVENORS
Dr. I. Manju
Dr. B. Muthukumar
Mr. S. Senthil Pandi

CO - ORDINATORS
Mrs. Zulaiha Maryam
Mrs. Usha

FOR DETAILS
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Techjumboree Poster 2021

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
, Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.
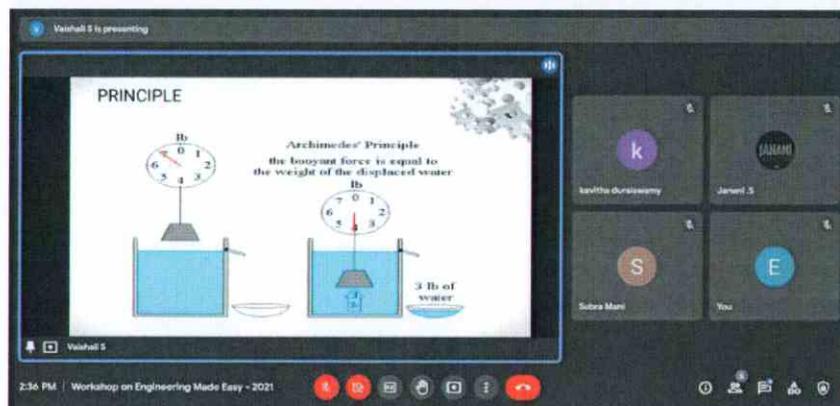
Techjumboree 2021 Online Program for 11th and 12th Student

Under the Institute Social Responsibility Scheme, our faculty member Mr.S. Syed Abuthair, Assistant Professor, Department of Mechanical Engineering, teaches 3D Printing technology to students in the 11th and 12th grades at Monfort Higher Secondary School, Alandur, Chennai.

Teaching 3D Printing Technology to School Students

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Under institute social responsibility our institute conducts various motivational and career guidance programs for the benefits of the school and polytechnic students.

Life Skills and Personality development program for student

Career Guidance Program for School Students

Free NEET and JEE Assistance for the school students