

**SITAA VOICE**  
**Seshasayee Institute of Technology Alumni**  
**Association**

**(SITAA) Regn.No. 202/2013**

S.I.T. Campus, Ariyamangalam, Tiruchirappalli-620010

Website: [www.sitalumni.in](http://www.sitalumni.in)

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Issue March 2020



**SITAA WISHES A HEALTHY AND HAPPY WORLD**

**PRAYERS TO GOD**

YOU exist everywhere in this universe. YOU decide the Destiny. Please cure every disease and illness. Please give immune to any illness. Please be with us to our aid now, in the midst of the global spread of the corona virus, that we may experience your love.

Cure those who are sick with the virus, bless them to regain their strength and health through quality medical care.

Make people to keep away from fear, which prevents nations from working together and neighbors from helping one another.

YOU made the humanity to understand that this virus is not having aversion or affinity to any caste, creed, high, low, rich, poor. YOU knew that this is the high time to cure all human who got affected, and give them the strength to bear the loss.

Be with the families of those who are sick or have died from the virus. May their soul be at rest with YOUR eternal peace. As they worry and grieve, defend them from illness and despair. May they know your peace.

## **“Let Noble thoughts come to us from every side”**

### Office Bearers

President	P.A.Balasubramanian
Vice President	G.M.Rajendran
Secretary	M.Duraivel
Joint Secretary	P.Jayachandran
Joint Secretary	G.Devarajulu
Ex Officio Member	Dr.K.Vijaykumar, Principal I/C, SIT

From the President’s desk.....

Dear SITAA Members, Faculty, staff, Students and other viewers of SITAA voice, All of us are aware of the Corona infection and as per the latest address by our Honorable PRIME MINISTER; the whole of India is under lockdown. Section 144 has been enforced throughout India and people have been advised to stay indoors for most of the time. We are allowed to go out for purchase of essentials like medicine, vegetables, milk and its associated products and groceries by going to the shop one by one maintaining a minimum distance of at least one meter or so. All these measures are aimed at preventing the virus decease. So let us all follow the Government guidelines implicitly to drive out the decease.

Coming to SIT and SITAA, the activities that have taken place during this quarter will be outlined in the following pages. As I informed you earlier, the Alumni of 1981 batch assisted by a few others of other batches, have started the work of the construction of an Open air auditorium duly installed with butts size statue our beloved Principals (Late) Sri.GS and Sri.ANC in SIT premises. The construction work is going on in a full swing and the work up to flooring of the stage portion has been completed and the raising of columns are in progress. Because of the natural calamity, the work has been stopped temporarily.

Recently we have sent an appeal to all our Alumni to contribute their share very liberally so that the above Auditorium work can be completed quickly. Some have responded to our Appeal and they have sent their contribution. Our Target is to finish the construction in all respects so that we can celebrate our next Annual day in 2021 in the new auditorium. So again I request all our Alumni to contribute at the earliest. The details of sending the contribution are given in our APPEAL and also in this issue of SITAAVOICE. I am happy to mention that you can avail IT relief under 80-G of the income tax act for the contributions made.

The Academic work is also going on well, with due care taken by Sri.G.M.Rajendran, Hon. Secretary, SES, Dr.K.Vijayakumar, Principal-I/C, Dr.V.G.Ravindhren Vice Principal and their team. The events that have taken place have been properly presented in the following pages. I wish all students of SIT, take the best of the facilities to shape themselves as promising professionals and leaders in their chosen profession.

Wishing you all the best,

P.A.BALASUBRAMANIAN  
PRESIDENT SITAA

Dear SITians,

I am glad to present this issue of SITAA VOICE of last quarter of 2019-20 after the celebrations of the 68th annual day of the institution.

I express my sincere thanks to Sri.P.A.Balasubramanian, for his valuable guidance, Dr.K.Vijaykumar, Principal I/C, SIT for his team's support, all EC Members and Alumni for their support in bringing out this issue. To know the various activities of SIT and SITAA, Please read on....

Your SITian

**G.M.Rajendran**

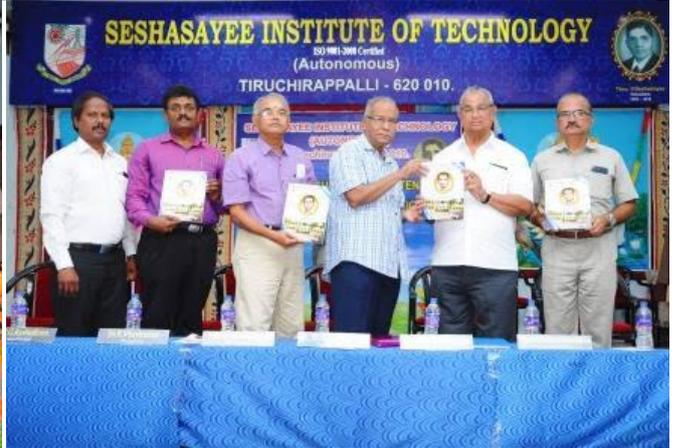
Hon. Secretary, SIT & Vice President, SITAA & (Editor)

### **SIT's 68<sup>th</sup> Annual Day & (Late) Sri.G.Sundaram Centenary Celebrations**

SIT celebrated its 68<sup>th</sup> Annual day on 28.01.2020. The birth centenary of (Late) Sri G.Sundaram, Former Principal was also commemorated on this day. Sri.K.Nagarajan, General Manager (Outsourcing), BHEL was the Chief Guest of the event. In his address he mentioned " Take care of the first line . The rest of the lines will take care of itself" , a famous quote which indicates the step taken in the right direction will lead all the efforts to the path of success. He stressed the importance being computer literate in whatever career a student will engage. Sri.K.Nagarajan highlighted the significance of developing the talent of public speech and also he mentioned that the students must respect the Teachers and Parents. Quoting an incident in the life of Abraham Lincoln he said only parent and teachers can forgive the mistakes. He elucidated that students once become an employee should have the responsibility to give back to society and wished SIT to be one of the top ranking polytechnic in the country.

Dr.V.Gopalakrishnan, Former Executive Director, BHEL was the Guest of honor and also delivered (Late) Sri G.Sundaram memorial speech. He recollected his association had with him. He mentioned that Sri G.Sundaram had a silver tongue and "A speech should be short enough to attract the audience". He paid tributes mentioning Sri G.Sundaram as a symbol of integrity, honesty and dedication. Dr.V.Gopalakrishnan said to be successful in life one should have an unsatisfactory attitude after completion of a task that will only will drive the person to enhance upon. He underlined that one should realize his value and never let the self esteem down.

Earlier Sri.G.M.Rajendran, Honorary Secretary delivered the presidential address and enumerated the great qualities of Sri.G.Sundaram and also the associations he had with him while Sri.G.Sundaram was serving as Principal. Dr.K.Vijaykumar Principal-in-charge presented the annual day report.Dr. R.Usharani HOD/ECE coordinated the event and welcomed the gathering. Sri.K.Saravanan, HOD/EEE proposed the vote of thanks.



Dr.VGK released the SIT-MAG 2020 honoring G.Sundaram, acknowledged by Sri..P.A.Balasubramanian President, SITAA. Sri.K.Nagarajan General Manager, BHEL, Chief guest graced the occasion in the presence of Sri.G.M.Rajendran, Dr.K.Vijayakumar, Principal-I/C, Dr.VG.Ravindhren Vice Principal

**Few Photos taken during Annual day celebrations. [Balance photographs can be viewed in SIT Website](#)**

**Special thanks is reserved for Mr..Srikanth, Vice President, Ford Motors Chennai, Mr.R.Mananathan,Chairman Manatec Group of Companies, Pondicherry, and Sri.Ramamurthy for donation of the computers, contribution to construct smart class room which are effectively utilized for several online written examinations and learning by TN Govt.,& leading MNCs, since last year for recruitment & placement.**

**SIT is closed since 24<sup>th</sup> March 2020, will re-open as per the directives of the DOTE / Government.**

## சேஷசாயி தொழில்நுட்பப் பயிலக ஆண்டுவிழா

திருச்சி, பிப்: சேஷசாயி தொழில்நுட்பப் பயிலகத்தின் 68ஆவது ஆண்டு விழா, பயிலக முன்னாள் முதல்வர் கோ. சுந்தரம் நூற்றாண்டு பிறந்தநாள் விழா அன்மையில் நடைபெற்றது.

விழாவில், கோ. சுந்தரத்தின் நூற்றாண்டு பிறந்தநாளையொட்டி சிறப்புமலர் வெளியிடப்பட்டது.

நிகழ்ச்சியில், பாரதமிகு மின்நிலைய முன்னாள் நிர்வாக இயக்குநர் வெ. கோபாலகிருஷ்ணன் பேசுகையில், சேஷசாயி தொழில்நுட்பப் பயிலக முன்னாள் முதல்வர் சுந்தரத்தின் செயல்பாடுகள், கிராமப்புற மாணவர்களின் தொழில்நுட்பக் கல்விவளர்ச்சிக்கு ஆற்றியபணிகள், பெல் நிறுவனத்துடன் சேஷசாயி கல்வி நிறுவனம் இணைந்து செயல்படுத்திய சமூகப் பணிகளை நினைவுகூர்ந்து பேசினார்.

கல்வி சுற்றுத்தருவதுடன் நின்ற விடாமல், மாணவர்களுக்கு நேரம் தவறாமல், சுயஒழுக்கம் ஆகியவற்றை சுற்றுத்தந்து, நிதியுதவி தேவைப்படும் மாணவர்களுக்கு உதவிகள் அளித்து, கல்லூரியில் பமின்று செல்லும் மாணவர்களில் அதிகம் பேருக்கு வேலைவாய்ப்பு பெற்றுத்தரும் நிறுவனமாக சேஷசாயி தொழில்நுட்பப் பயிலகம் வளர்ந்து நிற்கிறது என புகழாரம் சூட்டினார். விழாவில், தலைமை விக்கினோர் கல்வி கொள்



விழாவில், சிறப்பு மலரை பெல் நிறுவன முன்னாள் நிர்வாக இயக்குநர் வெ. கோபாலகிருஷ்ணன் (வலமிருந்து 3ஆவது) வெளியிட, பெற்றுக் கொள்கிறார் எஸ்.ஜிடி முன்னாள் மாணவர்கள் சங்கத் தலைவர் பி.ஏ. பாலகப்பிரமணியன். உடன் (வலமிருந்து) பெல் நிறுவன பொது மேலாளர் (அவுட்சோர்சிங்) கே. நாகராஜன், பயிலக கௌரவ செயலாளர் ஜி.எம். ராஜேந்திரன், பயிலக முதல்வர் கே. விஜயகுமார், துணை முதல்வர் வி.ஜி. ரவீந்திரன்.

மேலாளர் (அவுட்சோர்சிங்) கே. நாகராஜன் பேசுகையில், 1952ஆம் ஆண்டு தொடங்கி கடந்த 68 ஆண்டுகளில் 15 ஆயிரத்துக்கும் மேற்பட்ட பொறியாளர்களை உருவாக்கியுள்ளது சேஷசாயி தொழில்நுட்பப் பயிலகம்.

தமிழகத்தின் முன்னோடி கல்வி நிறுவனமாக விளங்கும் இங்கு கல்வி பயில மாணவ, மாணவிகள் மிகுந்த ஆர்வம் காட்டுவதில் வியப்பில்லை என்றார்.

தொடர்ந்து, பொறியியல் பிரிவுகளில் முதன்மை இடம்பெற்ற மாணவர்களுக்கும், சிறந்த மாணவர்க

பயிலகத்தின் கௌரவச் செயலர் ஜி.எம். ராஜேந்திரன், நிறுவனத்தின் சாதனைகள், சிறப்புகள், முன்னாள் முதல்வர் சுந்தரத்தின் சிறப்புகளை பட்டியலிட்டு பேசினார். சேஷசாயி தொழில்நுட்பப் பயிலக முதல்வர் கே. விஜயகுமார், ஆண்டறிக்கை வாசித்தார்.

முனைவர் உஷா ராணி வரவேற்றார். துணை முதல்வர் வி.ஜி. ரவீந்திரன், எஸ்.ஜிடி முன்னாள் மாணவர்கள் சங்கத் தலைவர் பி.ஏ. பாலகப்பிரமணியன் உள்ளிட்டோர் பேசினார்.

எஸ்.ஜிடி நிர்வாகத்தினர், பணியா

Dinamani dated 04th Feb 2020

The Hindu dated 29<sup>th</sup> January 2020

### Birth centenary celebrated

The Seshasayee Institute of Technology (SIT) celebrated the birth centenary of its former principal G. Sundaram at its annual day programme here on Tuesday.

Sundaram, a Highways Department engineer who was deputed to SIT, served as its principal from 1962 to 1969 with a further extension until 1974. He established NGO, Tiruchi Productivity Council, and later served as its treasurer.

Born on January 22, 1919 in Tiruchi, Sundaram, studied B.A. in National College, followed by a B.E. from the College of Engineering, Guindy, then University of Madras. As principal, and, after retirement, as secretary, he played a big role in building the careers of hundreds of engineering students.

Sundaram was also associated with several other local educational institutions such as Srirangam High School, Seva Sangam School and E.R. Higher Secondary School.

He was honored as one of *The Hindu's* oldest readers in Tiruchi region at a citizen's forum organised to celebrate the newspaper's 125th anniversary in 2003. He passed away on September 4, 2005.

Delivering G. Sundaram memorial speech at SIT on Tuesday, V. Gopalakrishnan, former Executive Director, BHEL, Tiruchi, paid glowing tributes to the late Principal.

Sri. Gopalakrishnan described the late SIT Principal as a symbol of honesty, integrity and dedication.

K. Nagarajan, General Manager (Outsourcing) , BHEL, G.M. Rajendran, Honorary Secretary, SIT, K.Vijaykumar Principal-in-charge, and others spoke.

**List of student Toppers passed out in 2019, have been awarded with Gold Medals**

Sl. No.	Gold Medal sponsors	Student name	Branch/ Percentage of marks scored
1	Raju Pillai Memorial	M.V.Srinath	Mechanical- 92 %
2	TGR Memorial	P.Pinky Sharmila	Civil – 95.2%
3	Seshasayee Paper & Boards Ltd.	S.Nikil Akash	ICE -90.4%
4		S.Soundarya	Paper Technology-88.8%
5	Manghalam Estates	M.Chakaravarthi	Computer Engineering-87.5
6	TAG Corporation	T.Swetha Darshani	EEE-97.8
7		C.Vishali	EEE – Best All Rounder

**GS-ANC Open Air Auditorium** – As all of you are aware, President, SITAA made an appeal requesting our alumni to contribute their mighty, for the noble cause of construction of open air auditorium with bust size statues of Sri.GS and Sri.ANC in SIT Premises.

Cheques favoring “Seshasayee Educational Society’, Tiruchirapalli may please be forwarded to “Hon.Secretary, Seshasayee Institute of Technology, Ariyamangalam, Tiruchirapalli-620010”, with a covering letter furnishing your contact address, PAN details. SES will issue the cash receipt to avail income tax exemption for the contributed amount under 80-G. Bank details are furnished below:

**Bank details**

Name of the bank – City Union Bank,  
Cantonment branch,  
MDS Plaza  
98, Promenade Road,  
Tiruchirapalli

IFSC - CIUB0000153

Account number - 500101010269425

MICR 620054004

Account Name Seshasayee Educational Society (Building Fund)

Upon making your contribution, please send an email to [gmr.sit@gmail.com](mailto:gmr.sit@gmail.com) or a letter addressed to Sri.G.M.Rajendran, Hon.Secretary, Seshasayee Institute of Technology, Ariyamangalam, Trichy-620010 with your PAN, Contact address so that cash receipt can be issued.

**The following alumni responded to the appeal by President, SITAA:**

**Sri.S.Rengarajan Alumnus of 1981, Mech. donated Rs.50,000**

**Sri.S.Lakshminarayanan, alumnus of 1973 Mechanical branch donated Rs.15,000 in addition to the contribution of Rs.10,000 towards corpus fund**

**Sri.G.Santhanam, alumnus of 1981 Mech. donated Rs.10,000**

**Sri.K.Rajavel, alumnus of 1974 Mech. Donated Rs.10,001**

**SIT and SITAA wholeheartedly thank all for their generous contribution, and request all alumni to contribute the possible.**

**Award of GS-ANC MEF Scholarships – 2019-20** – During current year, first year students applied and awaiting for Govt. scholarships. First year Students who do not get Govt. scholarships will be applying GS-ANC MEF scholarship. Upon scrutiny, same will be paid to the eligible students.

### **Lecture on Emerging Technology in IT**

On 30<sup>th</sup> January 2020, Sri. Bilal, Business Development Manager & Ms. Nalini from Career Mudra briefed “ Emerging Technology in IT covering the trending emerging technologies such as Data science, Amazon AWS,MI, Digital marketing. They highlighted the job opportunities available in this domain and also listed the importance of certification.

Dr.V.G.Ravindhren HOD, welcomed the gathering & Sri.T.Muthamilselvam proposed vote of thanks.



### **Linux System administration**

MAXCOM, the annual technical event of Computer Engineering department was celebrated on 12nd February 2020. A workshop was organized for the 2<sup>nd</sup> and 3<sup>rd</sup> year students on the topic ‘ Linux System administration’. Sri.S.Baskar, CEO, Linuxpert Systems, Chennai handled the session. He explained with Installation CENTOS in various hardware platforms and highlighted the importance of using open source software. Further he briefed upon various domains of open source software and the wide career opportunities for the students.



### **Workshop on Land surveying in Total station for Civil Engineering students**

Three days workshop was inaugurated for IV term Civil engineering students on 12.02.2020, in our campus. Mrs.K.M.Kanchana, Civil department welcomed the gathering. Dr.K.Vijayakumar, Dr.VG.Ravindhren and Sri.R.Rajasekar felicitated the occasion. Dr.K.Vijayakumar highlighted the need to explore Mega structures shown in national geographic channel which reveals methods used and the challenges faced at every stage of design and construction. Dr.VG.Ravindhren pointed out that many NPETL video lessons are available in our library and insisted to make use of it to update their knowledge. He also conveyed the information about the recently constructed building at a fast rate in a record of 19 days consisting of 57 floors at china for accommodating corona virus affected people. Sri.R.Rajasekar briefed the basic principles of land surveying which are being taught in our academic curriculum. He emphasized that the total station is a multi task instrument used to work fast, eliminate human error there's no need of book recording and to visualize the ground terrain instantly. The field

applications of surveying were taught by the professional experts to enhance the skills of the students.

In these three days workshop students were taught about the various features of the instruments, components parts, instrument setup and taking measurements for Topographic survey. Students conducted closed traverse and area calculation were made.

Students performed the route survey for marking the alignment of the road.

Students learnt about the setting out and buildings marking on the ground. They also explained how to extract the data from the instrument to the working Auto – CADD environment.

The students gained knowledge in handling the total station instrument, taking measurements and extracting data and mapping in surveying.

The workshop concluded on 15<sup>th</sup> February 2020



### **NSS SPECIAL CAMP**

As part of NSS activities NSS Special Camp was conducted on the theme **“YOUTH FOR CLEANLINESS”** from 14.02.2020 to 20.02.2020 at adopted village Ariyamangalam and Kalamalai.

#### **The activities conducted during special camp are as follows:**

- The Special Camp was inaugurated by our principal Dr. K. Vijaykumar at Government Middle School, Ariyamangalam.
- Special Lecture Program was conducted on “Self-Confidence” by M. Surya kumar Director, Power Institute, Kattur.
- In association with MRM Hearing Aids Centre NSS, Rotaract, Youth Red Cross units of Seshasayee Institute of Technology a Free Hearing Test camp was successfully organized at our Camp venue on 16.02.2020 for village people. Around 60 Village People got benefited.
- Lecture program was conducted on “Environmental Awareness” by N. Pal Ramesh SM. Graduate Teacher, Ariyamangalam, Trichy.
- NCC, NSS, Rotaract, Youth Red Cross units of Seshasayee Institute of Technology organised a blood donation camp in our Institute premises on 18.02.2020.
- Combined with Shepherd Department St. Joseph’s College, Trichy around 50 saplings was planted at our institute premises and Ariyamangalam village.
- During the Camp NSS volunteers cleaned and removed the bushes around the temple, Church and School premises of the adopted village.
- EEE and ICE students are voluntarily rectified the electrical wiring problems in the school.

➤ The camp was ended with valedictory function.





### **ISTE PROGRAM ON WHAT AM I IN 2030?**

ISTE Student chapter of SIT, organized a program on “WHAT AM I IN 2030” on 17<sup>th</sup> & 18<sup>th</sup> February 2020 in SIT.

The chief guest of this program Sri.S.Gabriel Kennedy, English Language and Life Skill Trainer LISA Life Skills Academy, Trichy briefed the importance of updating knowledge to meet the current requirements of the fast moving world.

Further he explained the effective way of using mobile, work in laptops. He insisted that students should have the creativity and innovative ideas to have a change in life. Students recorded their feedback in a positive way.

### **Industrial visit to Srirangam Railway Station for IV term Civil students**

On 19<sup>th</sup> February 2020, an industrial visit was arranged by Civil department for IV term students. Sri.R.Rajasekar, Mrs.Kanchana, Sri.R.M.Anumanth Arasan Govan along with students visited Srirangam Railway station.

Sri.A.R.Saravanan Permanent way inspector of Srirangam RS explained the overview of Indian Railways which has broad gauge railway for a length of 67,000Kms across the country. The broad gauge is used to carry heavy load. Standard gauge is used in metro trains for fast running. In Srirangam station,

there are two main lines and two loop lines. The main tracks are used to run the train at a maximum speed of 110 Km/h, whereas loop lines run at a maximum speed of 30Km/h. The station has one signal control room.

### **Signal Control Room:**

This control room manages the train traffic between Valadi to Ponmalai station. The movement of the train is controlled by block instrument and signal. Basically there are two types of signals called reception signal and dispatch signal. The reception signal consists of Home signal and distant signal. The dispatch signal consists of starter and advanced starter. The red color indicates that the train is in the track. Green signal permit the train to pass. The train position is identified by the signal obtained from the current supply of four volt through the rails.

### **Track Maintenance:**

The track consists of rails, sleeper and ballast. The rail is laid continuously without joints. The loop line rails have a weight of 52Kg/m and the main line has 60Kg/m. The life of the rail is measured in terms of G.M.T. (Gross million tone). The life of main line is 800G.M.T. and for the loop line it is 525G.M.T. The Gauge level instrument is used to check the gauge distance of 1.676m and the level between the two parallel rails. The tolerance for gauge distance and level between the parallel rails is 6mm. This check is made at an interval of every 5 sleepers. Fish plates of length 61cm for loop line and one meter for main line is used to connect the two rails. To prevent the lateral movement of the rail, wooden distant piece is provided at every 30m. The E.R.C (Elastic Rail Clip) connects the sleeper and the rail. A rubber pad cushion is provided underneath the rails to reduce the impact between the P.S.C sleeper and the rail. The sleepers are supported by ballast cushion made of 50mm coarse stone aggregate for a depth of 250mm. The sleepers are laid at a spacing of 60cm.

Every day the track is checked by a key man. The key man has tools viz. hammer, spanner, mirror, and gauge cum level, detonator, Head light, sign board and key book. He wears reflecting jacket during his work. The key man is responsible to carry out the inspection for a distance of 6.5km.

The railway officer also explained the conning of wheels, super elevation in curves, Fouling mark, Buffer stop, turn table, traverse and marshalling yard.

### **Points and crossing:**

We also saw the operation of points and crossing. It is operated from signal control room. It is meant to divert the train from one track to another. A special shaped rail called tongue rail is moved from one position to another by a motor. Cross is a special shaped rail made up of cast manganese steel used to withstand the wearing stresses.

The students gained knowledge in signaling, track maintenance, conning of wheels, and super elevation in curves, Fouling mark, Buffer stop, turn table, traverse, marshalling yard, points and crossing.

With highly valuable inputs, students were happy having known the valuable information about Indian Railways and the visit concluded.



Civil students doing their study at railway track, Railway Inspector briefs

**TAMIL NADU SKILL DEVELOPMENT CORPORATION- DOTE**

**Inauguration of First Batch**

The First batch of Short Term Skill Training Programme on the trade Field Technician Air Conditioner Level – 4 [Subject Code 08] (NSQF Reference Id ELE/Q3102) was inaugurated on 20.02.2020. Sri. T.Muthamilselvam, Lecturer (SG), Computer Department & Training Coordinator welcomed the gathering. Dr. K.Vijaykumar, Principal\_I/C, briefed the Programme Overview and explained the benefits outcome for the skilled technicians. Sri. D.S.Pandian Proprietor S.S.Aircons (Service Point) Trichy inaugurated the programme and briefed the scope, importance of the Field Technician Air Conditioning training. He explained employment opportunities available for the A/C Technicians and motivated the students. Sri.B.SinthanaiSelvan HOD i/c Department of Paper Technology and NSS Programme Officer proposed vote of thanks.



Welcome Address by Sri. T.Muthamilselvam, Lecturer (SG), Department of Computer Engg. & Skill Training Coordinator



Inaugural address by Sri. D.S.Pandian Proprietor S.S.Aircons (Service Point) Trichy.



Programme Over view by Dr. K.Vijaykumar, Principal, SIT.

Field Technician Air Conditioner course session

### **MECHANICAL ENGINEERING STUDENT'S ASSOCIATION**

The investiture ceremony for Mechanical Engineering Students Association (MESA) was held on 21<sup>st</sup> Feb 2020.

Shree Hair, belonging to third year student, welcomed all the dignitaries present on the dais, staff and students followed by the inaugural address by Dr.K.Vijaykumar, Principal-I/C who is also Chairman, MESA. He motivated students by highlighting the necessity of group discussions, facing the tough time, problem solving approach, effective communication, etc. by his address.

Badges of the office bearers were submitted to Chairman of the association and the newly elected office bearers were pinned with badges by the Sri.J.Charles Franklin, Vice Chairman. The oath taking in Tamil and English was performed by president, Mohammed Suhail and Vice president, ShriramSudharsan of the association.

The annual report of the Mechanical Engineering Student Association was presented by the Vice president ShriramSudharsan. Dr. V.G. Ravindhren, Vice principal, who felicitate our association followed by Sri.J.Charles Franklin H.O.D (i/c) address.

Further a guest lecture was made by Sri.RamkumarThangaraj, Design Engineer, Care soft global, that highly stressed on latest trends "Digital twin bench marking" with sub title of Emerging trends that shaping the future of mechanical engineering and future of product development cycle. Finally, Bharathi belonging to third year student proposed vote of thanks. The investiture ceremony then concluded with the National Anthem



## **Industrial visit to the construction site of Corporate office at Mannarpuram,Trichy**

On 24<sup>th</sup> February 2020, an industrial was arranged for VI term Civil engineering students. The place is the construction site of “Amman Try” Sri.R.Rajasekaran, Mrs.Kanchana & Sri.R.M.AnumanthArasanGovan accompanied the students. M/s.Mangalam Home Builders Pvt. Ltd. Srirangam is constructing this multi-storey building.

### **Facilities Provided:**

This building consists of stilt +4 numbers of floors. The building size is 58 m x 11.2 m. The stilt floor and ground floor is meant for multilevel car parking.(30Cars).The other floors are for the working of an office. The parking floor has a floor height of 5m .There are two stair cases besides with lift provisions.

### **Structural Details:**

The structure is designed as framed structure. R.C.C isolated foundations are provided for all columns. All columns are of 450mm x 750mm .The walls are made up of R.C.C shear walls. The other partition walls are built with fly ash bricks. All floor slabs are provided with post tensioned R.C.C. slab. R.C.C structural frame work has been completed so far. Now, the construction of second floor is in progress. The floor slabs are having 275mm thick. The floor slabs are provided

with both top and bottom steel reinforcement. The bottom reinforcement is provided with 10mm dia at 175mm c/c. The top reinforcement is provided with 8mm dia at 150mm c/c. Aluminum duct is provided both longitudinally and laterally at the middle of the concrete slab. The aluminum duct carries high tensile strand. The top layer of steel is supported by chair bars. The concrete cover block of 25mm is provided at the bottom of the slab. A polythene sheet is spread over the centering sheet to prevent the escape of cement slurry while concreting. The beams are provided only at the periphery of the columns. The beam has 25mm dia of 4 numbers at the bottom and 3 numbers at the top. The beams are 600mm wide and 750mm deep. It also has a cover block of 25mm thick. Spacer bars are provided in between the two layers of reinforcements. The columns has main reinforcement 24 numbers of 25mm dia . The steel bars are connected with a lap splice of 50dia. The grade of concrete used for slab M40. The other R.C.C members are made of M25 grade The flooring P.C.C. is M10 grade. O.P.C 53 grade cement is used for all structural frame work. All steel reinforcements are made of AMMAN TRY Fe500D.

Tendons made of TATA high tension steel with a tensile strength of 1500 N/ mm<sup>2</sup> are used as strand in post tensioning. The strand is made of five numbers of tendons. One end of the strand passes through specially shaped CI casting, where the pulling force of 140tonnes is expected to apply. The other end is fixed by forming bulbs in the strand. The form work is made up of steel jack with acro spans. The steel props are provided at an interval of 75cm. Additional steel cage is provided at the point of post tensioning to avoid sudden busting of concrete. The post of tensioning of steel reinforcement is applied after seven days of casting the floor slab, attaining the compressive strength not less than 70% to 80% of the 28days strength. Doubles scaffolding made up of steel pipes are provided as working platform.

The visit is useful to gain knowledge is post tensioning technique, structural detailing, and shear wall construction. The students also learnt that the large uninterrupted column free living space can be achieved by the recent post tensioning techniques.



### **National Science day celebration at SIT**

Seshasayee Institute of Technology celebrated the National Science Day 2020 on 28th February 2020 in remembrance of our Nobel laureate and great educationist Sir Chandra Shekara Venkata Raman. Dr.S.R.Bheeter, Head of the Department, Chemistry, an Emeritus Professor of SrimadAndavan Arts and Science College, was the Chief Guest. Sri.Suresh, Lecturer/SG, department of physics welcomed the gathering. Ms.N.P.Devatharshini, I year computer Engineering student, read

the Science day report on the theme "Women in Science". I year Paper technology student Sri.K.S.Akash introduced the Chief guest. Dr. K.Vijaykumar, Principal and Dr.V.G.Ravindhren ,Vice Principal of this institution honored the chief guest. In the Presidential address Dr. K.Vijaykumar, Principal of the Institution appreciated the overwhelming response shown by the students on Project Exhibition and paper presentation events conducted on account of the Science day celebration. He highlighted the importance of leadership skills, Acquest of knowledge should be the passion for students in the competitive world. In the key note address, the Chief Guest explained the applications of Raman Effect in the modern techniques of science and technology. He appreciated the role of many women scientists in research and development activities and asked the teachers to encourage the women students to achieve the heights in today's science and technological field. He also notified the students about the importance of creative thinking which will be helpful for them to become great scientists. Mrs. M.Vadivukkarasi, Lecturer, chemistry thanked the gathering.



## **Women's day celebration at SIT**

Seshasayee Institute of Technology celebrated the Women's Day 2020 with IDFC FIRST BHARAT Organization, District Police Child trafficking and prevention unit, Trichy, Nesam Foundation Thuraiyur and Union against child abuse and child trafficking unit Trichy on 10<sup>th</sup> March 2020. Mrs. G.Rajeshwari, Deputy Tahsildhar, Collectorate, Trichy was the Guest of Honor and Mrs.A.MarydhanaseeliAnbarasi, Senior general manager, CSR department was the Chief Guest. Mrs. P.Azeem, Inspector of Police, District Child trafficking prevention division, Trichy welcomed the gathering. Student A.Pratheepa, II year DEEE presented the International Women's day report-2020 .Dr.K.Vijaykumar, Principal introduced the Chief Guest Mrs.A.MarydhanaseeliAnbarasi, Senior general manager, CSR department and he insisted the students about the importance of self confidence among women which play a vital role in the women empowerment. Mrs.S.Senthamarai, Lecturer (SG) and Mrs.M.Eswari, Lecturer (SG) honored the Guest of Honor. Chief Guest Mrs.A.MarydhanaseeliAnbarasiadvised to focus on the aspects of women's education, gender equality and realization of their rights through education. Mrs.G.Rajeshwari, Deputy Tahsildhar, Collectorate, Trichy emphasized the importance of women education and she insisted the students to shape their career by attending the competitive exams and highlighted the importance of women empowerment in society through her motivational speech. Mrs. T.Jegadeeshwari, District Tourism Officer, Tamilnadu Tourism Department, Trichy, Dr.Krishnamoorthi, Psychiatrist, District Mental health system, Trichy, Mrs.Priyadharshini, Social Worker, Trichy, Sri.S.Subaraman, Psychological Counselor, Integrated School Education department, Trichy, Sri.G.Chandrasekar, Project Manager, CSR department, Trichy felicitated the gathering.IDFC FIRST BHARAT Organization sponsored the saplings and were offered to the Principal, Department HODs, staffs and students by Mrs.G.Rajeshwari, Deputy Tahsildhar, Collectorate, Trichy. Students of SIT, performed various cultural programmes. Miss.Idhaya, II year DEEE thanked the gathering.



## எஸ்.ஐ.டி., கல்லூரியில் மகளிர் தின விழா கொண்டாட்டம்!

துறைமுகம் 14-  
திருச்சி மாவட்டம்,  
துறைமுகம் நேசம் அறக்  
கட்டளை, திருச்சி எஸ்.  
ஐ.டி., கல்லூரி, ஐ.டி.  
எப்.சி., பர்ஸ்ட் பாரத்,  
குழந்தைகள் கடத்தல்  
தடுப்பு பிரிவு, குழந்தை  
கள் மீதான வன்முறைக்கு  
எதிரான கூட்டமைப்பு,  
மாவட்ட குழந்தைகள்  
பாதுகாப்பு அலகு மற்றும்  
ஒருங்கிணைந்த குழந்தை  
வளர்ச்சிப் பணிகள்  
திட்டம் இணைந்து, உலக  
மகளிர் தின விழா எஸ்.  
ஐ.டி., கல்லூரி வளா  
கத்தில் கொண்டாடப்  
பட்டது.

கல்லூரி முதல்வர்  
விஜயகுமார் தலைமை  
நாங்க, காவல் ஆய்வாளர்



அஜீம் வரவேற்று பேசி  
னார். நேசம் அறக்  
கட்டளை நிர்வாக இயக்கு  
னர் லோகராஜா முன்  
விடை வகித்தார்.  
முதன்மை விருந்தினராக  
ஐ.டி.எப்.சி., பர்ஸ்ட்  
பாரத், முதலமை  
மேலாளர் மேரி தனசீலி  
அன்பரசி உலக மகளிர்  
தின கொண்டாடப்படு  
வதன் நோக்கம், பெண்  
கல்வி அவசியம், பெண்  
கள் மீதான வன்முறையை

தடுத்தல் குறித்து பேசி  
னார்.  
மாவட்ட ஆட்சியரக  
துணை வட்டாட்சியர்  
ராஜேஸ்வரி, மரக்கன்று  
கள் வழங்கி சிறப்புரை  
யாற்றினார். குழந்தைகள்  
மற்றும் பெண்கள் மத்தி  
யில் சமுதாயப் பணிகளை  
செய்துவரும் குழந்தைகள்  
கடத்தல் தடுப்பு பிரிவு  
காவல் ஆய்வாளர் அஜீம்,  
தமிழ்நாடு சுற்றுலாத்துறை  
மாவட்ட சுற்றுலா அலுவலர்

ஜெகதீஸ்வரி,  
மாவட்ட மருத்துவ அலுவலர்  
மருத்துவ அலுவலர்  
டாக்டர் கிருஷ்ண  
மூர்த்தி, குழந்தைகள்  
மீதான வன்முறைக்கு  
எதிரான கூட்டமைப்பு  
மாவட்ட ஒருங்கிணைப்  
பாளர் பிரபு, திருவரம்பு  
ஒருங்கிணைந்த குழந்தை  
வளர்ச்சித் திட்டம்  
அலுவலர் ஆர்.பர்மனா,  
மாவட்ட குழந்தைகள்

பாதுகாப்பு ஆலோசகர்  
முத்துமாணிக்கம், ஒருங்  
கிணைந்த பள்ளி கல்வித்  
துறை உதவியல் ஆலோச  
கர் சுபாராமன் ஆகி  
யோருக்கு, 'மனித நேய  
செம்மல்' விருது மற்றும்  
பாராட்டு சான்று, மரக்  
கன்றுகள் வழங்கப்  
பட்டன.

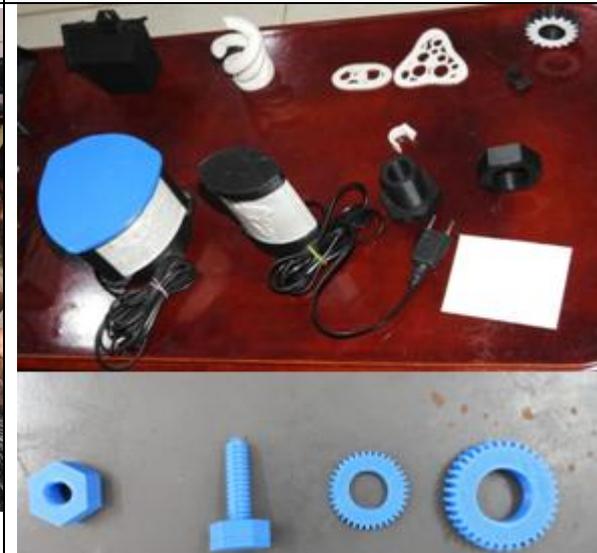
மாவட்ட குழந்தைகள்  
பாதுகாப்பு அலகு சமூக  
பணியாளர் பிரியதர்ஷினி,  
ஐ.டி.எப்.சி., காட்டு  
கிணை மேலாளர் செந்தில்  
நாராயணன், ஐ.டி.எப்.சி.,  
சி.எஸ்.ஆர்., திட்ட  
மேலாளர் சந்திரசேகர்  
ஆகியோர் சிறப்புரை  
யாற்றினர். ஐ.டி.எப்.சி.,  
சி.எஸ்.ஆர்., மேலாளர்  
சத்துரு நன்றி கூறினார்.

'ஊட்டச்சத்து அதுவே நம்  
வாழ்வின் சொத்து' என்  
பதை வலியுறுத்தி  
போஷான் அபியான்  
திட்டத்தின் மூலம்  
குழந்தை வளர்ச்சி திட்ட  
அலுவலர் ஆர்.பர்மனா  
தலைமையில் உறுதி  
மொழி எடுத்துக் கொண்ட  
னர். நிகழ்ச்சியில் கலந்து  
கொண்ட அனைவருக்கும்  
250 மேற்பட்ட மரக்  
கன்றுகள் வழங்கப்  
பட்டன. விழாவில் மாண  
வர்களின் கலை நிகழ்ச்சி,  
விழிப்புணர்வு நாட  
கங்கள் நடைபெற்றது.  
இதில், 150க்கும் மேற்  
பட்ட மாணவியர், ஆசிரி  
யர் பெருமக்கள் கலந்து  
கொண்டனர்.

## WORKSHOP ON 3D PRINTING CONDUCTED ON 29.02.2020

In our premises, one day workshop on 3D printing in FDM (Fused Deposition Modelling) machine was conducted by DOT institute, Trichy. Staffs from DOT institute are Sri. T.Dhivahar, Sri. M.Suresh and Sri. S.Sriram handled the session. The 3D printing is one of the topics in CAD/CAM Subject. Total number of students attended the workshop were 52, Session started with theory followed by practical session in the second half. Students designed the gear, bolt, nut individually in the designing software AutoCAD and convert to STL format for working in the CURA software. They individually fed the program in the FDM machine and taken 3D print out from the machine. The workshop finally ended with valuable feedback.



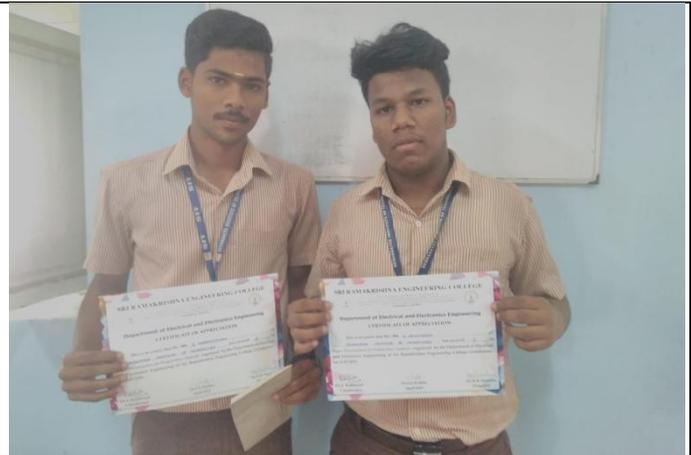


Components made in One day workshop on 3D printing by Mechanical Dept



III year civil students have won in the 'CONSTRUL' Tech. Meet held at Kongunadu College of Engineering, Thottiam, on 12 & 13.3.2020  
**Project presentation-I prize**  
 S.Dhinesh, P.Chandru & V.Balaji  
**Quiz competition-II prize**  
 S.Dhinesh  
**Model making-II Prize**  
 P.Chandru & V.Balaji

Electrical students won second prize in paper presentation at Sri Ramakrishna Engineering College, Coimbatore on 13.3.2020



EEE students industrial visit - Dalmia & Ganesh Wind Mill

P.Amirthavarshini & S. Dharshini, I year EEE won in paper presentation competition held at Ramakrishna egg. College, Coimbatore.



A Roadmap for Summer Internship\* Programme was successfully conducted this morning. Introduction about activities of Placement Cell, Companies visiting, Salary details, interview preparation tips were also shared



Corona awareness program for our students



Final year EEE students bagged the First Prize in the TEXPO 2020 Project Contest at Care Group of Institutions. Project Title - Solar Panel Cleaner Project Guide: S.G.Kadhiravan



Industrial Visit of Final year EEE students to 230KV/110KV Substation at Alundur



ECE students Industrial visit to Coimbatore Textro Electronics



Survey camp for Civil Engg students at Tiruvellarai



Awareness program on Entrepreneurship Development by Ministry of MSME held on 04<sup>th</sup> March 2020. Sri.M.Dharmaselvan, Director, MSME is SIT Alumnus



Students of EEE participated in Project Expo and secured II position.

A team of 5 students of ICE secured First prize in project expo held in Trichy Engineering college, Trichy.



Final year computer Engineering student Sivasankaran won III prize in project exhibition held at TRICHY Engineering college



Department of paper technology initiated the weekly twice programme of continuous improvement on interview skills programme with Dr.Suryakumar, power institute, kattur

Abdul Wasiv and Kamalesh of II year computer won II place in paper presentation.

Roshan Kumar won I place and Kamalesh won 2nd place in Gaming competition held at Eswar Engineering college Coimbatore on 21.2.2020





First year K.Vegesh, M.Santhoshrajan, R. Arunkumar participated in project expo at NPR college of engineering dindigul, on 21st February event name STEP 2020(State level inter college competition)

Investiture ceremony of Mechanical Students Association followed by Guest Lecture on Twin Bench marking by Sri. Ramkumar Thangaraj, Design Engineer, Care Soft Global Ltd.



### **CAMPUS SELECTION AND PLACEMENT IN FEBRUARY 2020**

- Rebar Design & Details Pvt.Ltd. – 3 placed
- Milekal Engineering Pvt. Ltd. – 5 placed
- L&T Construction - 4 EEE, 2 ICE & 12 Mechanical placed.
- L&T Coimbatore – 4 Mechanical placed
- L&T Hydrocarbon - 49 students from Civil, Mechanical & EEE departments participated in the written test and attended personal interview. Results are awaited.
- VINSINFO Company - 2 Computer placed
- L&T Hydrocarbon Chennai – 37 Students to attend personal interview (Civil-7 & Mechanical -16, EEE -14 )
- Shri Abirami Engineering Works, Chennai – EEE – 11 placed.
- ITC – 5 ( 3 Mechanical, 2 PPT) placed
- Brakes India (Foundry division), Sholinghur- 10 to attend personal interview
- Amec Foster Wheeler PLC (Wood) - 2 EEE, 6 Mechanical (annual package of Rs.2,40,000/=) were placed
- ITC Coimbatore – 14 ICE students to attend personal interview



Our ICE Students undergoing online test by ITC on 29.02.20



Amec Foster Wheeler PLC (Wood) HR addressing the students

### **Obituary**

Sri.Kanthimathi Nathan, alumnus of 1968 Civil, passed away on 23<sup>rd</sup> February 2020, at his residence, after a brief illness. An Engineer with good talent served in BHEL and retired as DGM. SIT and SITAA convey our heartfelt condolences to the members of his family. May his soul rest in peace.



**SITAA request all alumni for their humble contribution to GS-ANC Open Air Auditorium.**

**Please be in touch with SIT and SITAA to recollect your memories and as gratitude to our Alma Mater. This request is made to enhance the operations of SIT and its growth. We jointly will make our efforts to enhance the quality of the students, with good technical knowledge, specialized skills, communication skills, practical applications, industry requirement, demand in the market and society. Therefore SITAA request all alumni to actively participate in Founder's day, Alumni day, AGM of SITAA which are scheduled on 14<sup>th</sup> August.**

**SITAA seek your continued cooperation to achieve the positive enhanced results in all activities of SIT.**

**With best wishes to all**

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