

Admin Related Info Sharing in Engineering

Vol 3

Oct 2022

Issue 2

External recognition 1 - SSN stands high in student preference [Sept 27]

President writes...



It is a source of great pride for us that in the first round of the TNEA Single Window counselling for Government Quota seats, SSN College of Engineering achieved the highest percentage of seats filled amongst all the engineering colleges in Tamilnadu, including the constituent colleges of Anna University.

This is a recognition by the students of the dedication and the commitment of our faculty and staff. They are confident that we will provide personalised attention and high standards of academics and research, while nurturing their holistic development. My sincere thanks to each one of you for building this excellent brand image for SSN.

The press has been quite appreciative of this achievement.

External recognition 2 - Dr.P.Senthilkumar /Chemical, gets National Award from AICTE



AICTE Communication- Heartiest Congratulations! You have been awarded **'National Technical Teacher's Award (NTTA) 2022'** to be conferred in the felicitation ceremony on **06th Sept, 2022 at 9:30 A.M.** by **Shri Dharmendra Pradhan Ji**, Hon'ble Minister of Education, Government of India.

External recognition 3 – Dr. Sreeja [ECE] awarded

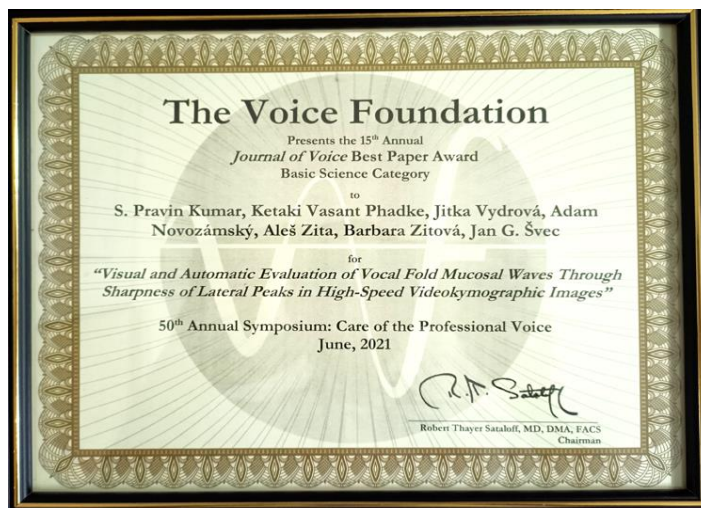
Dr. B.S.Sreeja receives "Young Achiever Award" from the Indian Science and Technology Association



The President and executive committee members (Former vice chancellors, professors and scientists from various universities and academic institutions) of ISTA nominate the candidates for the award. The selection is based on the members and the committee evaluation of candidates. The nomination is based on the research profile and motivating the rural and government college scholars and students for research activities through talks and events. The award was presented by Prof. Umesh V Waghmare, JNCASR, Bangalore [President, Indian Academy of Sciences, Bangalore].

External recognition 4 - Best paper award for Pravin BME- Dr.S.Pravin kumar writes..

I am pleased to share with you the details of the Best Paper award received recently from the Voice Foundation, USA.



The Voice Foundation - 15th Annual Journal of Voice Best Paper Award has been conferred on S. Pravin at the 50th Annual Symposium: Care of Professional Voice held in June 2022.

External recognition 5 - Prof.N.Sivakumar writes..



Glad to inform you that I have successfully cleared the Indian Green Building Council- Accredited Professional (IGBC-AP) certification assessment.

This enables us to get between 1 to 4 credit points in our applications for green certification.

I should be a principal participant of the project team to get the credit points.

HR news

- Dr.Alagu Dheeraj, EEE , left on resignation [Sept 2]
- Dr.A.Balasubramanian , EEE left on resignation [Sept 26]
- Dr.Abhilash Tirupathi, joins EEE dept [Sept 30]



Dr. S. Jayanthi, Additional Director DoTE, has been appointed by TN Govt, as the Government Nominee for our Governing Body. Sept 22, 2022.

With a Ph D in Civil Engg, and around 37 years of experience in govt engg colleges, she has moved in as Asst Director of Tech education in Dec 2021.

We hope to benefit by her rich Academic experience- VEA

SSN Trust Hostels Admin Revamp

Chief warden, effective Sept 2, 2022- Dr.S.Radha, Vice Principal.

Non-Residential Wardens effective first OCTOBER, 2022.

Gents Hostel:	Ladies Hostel:
1. Dr.Ramprabhu S 2. Dr.Thiyagarajan V 3. Dr. Divaya Zindani 4. Dr. Cherry Mathew M	5. Dr. Sasirekha 6. Dr. T. Sree Sharmila 7. Dr. K. Madheswari 8. Dr. Dytotana Banerjee Assistant Residential Warden 9. Ms. Manjima

Action Notes from Vice Principal's office

Research related:

- Maths department's external funding proposal was reviewed with HoD & Research coordinator. [14/9]
- IFFP review meeting was conducted for the faculty of the Information Technology department. [20/9]
- Conducted the review of the research proposals to be submitted against the CFP under the DST – SURE and POWER scheme [26/9]
- IFFP review meeting was conducted for the faculty of the Mechanical Engineering department. [28/6]
- FER Response for patent no. 202141010974 was communicated [30/9]

Accreditation Related:

IQAC External Audit was coordinated alongwith Dr. N. Venkateswaran, IQAC Coordinator, SSN CE and audit suggestions were shard with the HoDs.[23/9]



Collaborations:

- IEEE Annual Meeting attended [2/9]
- Attended BigCAT Wireless Project review meeting [7,14&29/9]
- IEEE ExeCom meeting attended [17/9]
- IEEE MAS AGM attended [28/9]

- Delivered a talk on “Role of Dynamic Digital Database (DDDB) towards AQAR filing for accreditation” at SNU Chennai, organised by IQAC Coordinator.[9/9]



Hostel Actions:

Mess Committee meetings for LH, GH, and PG was conducted [12-14/9]

Calendar of events Principal's Office

September	Activity
1	Inauguration of Can Do workshop [conducted by Ullas Trust]
3	Dr.Rajini / Dr.VS Nagarajan initiate company
5	Teachers' Day function
5	SPURS training inaugurated
5	Atal Incubation Centre proposal submitted –Dr.N.Bhalaji
5	Girls Scholarship Scheme meeting- Dr.B.Ramani
6	Naan Mudhalvan faculty data for various FDPs entered-NLN
7	Problem solving training for mech students [VEA]
7-9	SSN Doctorate Scholar's Day
12	Naan Mudhalvan scheme training at AU
15	CEWAR conf inauguration
20	Dr.P.Senthilkumar initiates a Startup
22	Spoken English class for SPURS [VEA]
23	IQAC audit [VP]
24	Day Outing for faculty of SSN and SNUC [Dr.Nanda]
26	Research review of proposals- [VP]
27	Result Passing Board meeting at Eswari engg college

Sept 1- Dr.P.Kaythry , NSS Officer writes..



In continuation to the association Ullas trust of Intellect Design Company, since 2018, the SSN College NSS unit to ignite young minds, the Ullas Cando workshop was conducted on the 1st of September 2022 at our College Auditorium between 10am and 12 noon. Four schools participated in the workshop - Government Boys Higher Secondary School, Tiruporur (no of students 78) , Government Girls Higher Secondary School, Tiruporur (no of students 130) , Government High School, Paiyanur (no of students 54) and Government Higher Secondary School, Kelambakkam (no of students 84).



Role Model - Dr. Sathya Narayan, Intervention Radiologist and medical practitioner, who hails from the district side and whose mother is a government teacher, spoke about how he had no clue on what he would do in life, the importance of teachers and family who believe in one's potential and encourages them to aim high. He shared his journey on how he became a doctor.



Sept 3 -Dr.V.Rajini and Nagarajan initiate a Company

Company Name: E-SAMARP TECHNOLOGIES PRIVATE LIMITED

Category: Private Limited

Directors Name: Dr V. Rajini and Dr V.S.Nagarajan

Location: SSN Incubation Foundation

Please join me in congratulating them and make sure to stop by their new workspaces to introduce yourselves!!! (for consultancy projects)

Sept 5 Teachers Day function



SSN Trust celebrated Teachers Day function on Sept 5.

The function was graced by our beloved Dr.Kasthuri. Best Faculty awards were awarded.

Students shared their respect for Teachers.

Sept 5 SPURS training Inaugurated

Dr.Martha Karunakar writes..



The three-week Orientation Program for SPURS (Scholarship for Potential Undergraduate Rural Students) was conducted from 05.09.2022 to 23.09.2022. Every year 25 students who are toppers from government high schools in rural areas are admitted under SPURS, a flagship philanthropic initiative of SSN.

Detailed write up given in page 12

Sept 5 Girls Scholarship scheme



Dr. B. Ramani, ASP/ECE is appointed as nodal officer for the Moovalur Ramamirtham Ammaiyar Higher Education Assistance Scheme (MRHEAS) offered by TN Govt. The scheme aims to enhance the enrolment ratio of girls from Government schools to Higher Education Institutions. Through this scheme, the financial assistance of Rs. 1000/month will be provided to the girls till their completion of UG degree/Diploma/ITI/any other recognized course.

The incentive amount under this scheme will be disbursed directly into the student's Bank Account. The scheme was officially launched by Chief Minister Mr. M. K. Stalin on 05.09.2022. Thereafter, for Chengalpet district the scheme was launched by Mr. T. M. Anbarasan, Minister of Rural Industries, Cottage Industries, Small Industries.



Dr. B. Ramani accompanied 12 out of the 16 eligible students for the function arranged at Chengalpet Medical College Auditorium, Chengalpet on 05.09.2022. Among these 3 students (M. Swapna, V. Usha & S. Ambiga) received the scholarship on stage.

Sept 7 and 8 Placement tech training

Prof VEA conducted two sessions for final year mech students, as part of the placement training.

1. Problem solving skills
2. Basics of Intellectual property rights for surviving in industries

Sept 12 – Naan Mudhalvan scheme Regional meet at Anna University

All principals were invited for an orientation on the Use of Naan Mudhalvan scheme. DoTE officials explained the use of the new portal for NaanMudhalvan scheme. Mr. Udayachandran IAS, Special secretary to CM explained the logic of this scheme.



Dr.T.T.Mirnalinee, HoD -CSE was invited as expert for one of the panel discussions.

Sept 20 Dr.PSenthilkumar initiates a Startup

one of our colleagues has become a founder of a company along with his friends

Company Name: Scubeg Technologies LLP

Category: LLP (Limited Liability Pvt Ltd)

Founder & Director: Dr P.Senthil Kumar

Location: SSN Incubation Foundation

Sept 22 – Spoken English Class for SPURS

In an interaction with President, SPURS scholars expressed their concern on difficulty of speaking in English. In order to address this, VEA attempted a class on applying principles of Tamil learning to English. In Tamil, we first learn to speak, by observing others and picking up new words, and then finally learn grammar. In English, we are first taught all the grammar and then we try picking up words and sentences.

The basic approach was to first understand the English equivalent of what words we know in Tamil, learning the difference in the sentence structures, practicing translations etc. A simple methodology was agreed upon, wherein each student will develop their own dictionary for whatever Tamil words they now know. It was just a beginning and we have to follow up when they come back.

Some Youtube tutorials have been highlighted for them to do as homework while they are in holiday period.

Sept 24 Day outing



Dr.Nanda organized a Day outing for SSN and SNU faculty at Esthel Village Resort.

Around 120 faculty attended with their families and had a good time.

They had varied options like outdoor games, swimming pool facility, cycle track and indoor games, which kept them occupied till dinner.

New Initiatives by Admin Team:

1. Review of project proposals by Research Review team has been initiated by VP.
2. The usual dept level IQAC Annual audit was converted into a Mega event, by organising all dept Audits on the same day, with several experts joining in from various places. It was like a real IQAC audit. This has thrown open a lot of avenues for improvement.
3. An Info sharing on “Challenges and Opportunities for 2022-23” has been done separately for each dept, by Principal, for creating awareness on this year’s priorities. The slides have been shared to all faculty, for reference, in case of doubts.

Admin data

LIST OF RESEARCH SCHOLARS WHO COMPLETED NO DUES

Month of September 2022

Sl. No	Name of the Guide	Department	Name of Research Scholar	Full Time or Part Time	Date of No dues completion
1	Dr. M. Senthil Kumaran	EEE	Mr. S. Gopalakrishnan	Part Time	27.09.2022
2	Dr. P. Rajesh	PHYSICS	Mr. A. Steephenraj	Part Time	28.09.2022
3	Dr. R. Ramaprabha	EEE	Mrs. T. Divya	Full Time	29.09.2022

List of Ph.D. Viva Voce Completed

Month of September 2022

Sl. No	Name of the Guide	Department	Name of Research Scholar	Full Time or Part Time	Viva Voce Completion
1	Dr. G. Selvakumar	MECH	Mr. S. R. Benin	Part Time	02.9.2022

Activity Report of IIC – [Dr.Seyezhai]

- 1.The IIC 4.O final report for quarter 3 &4 was submitted on 30.09.2022 and totally 45 events have been conducted for the year 2021- 22.Registration for IIC 5.O is in progress.
- 2.The data for ARIIA 2022 ranking was consolidated and planned for submission by the first week of October 2022.
- 3.All IIC members and coordinators completed the Innovation ambassador training and uploaded the reports in the IA portal.

Patent Activity Report [from Dr. S. Suresh kumar]

1. FER replied: In consultation with the inventors, C- intelligence has filed the First Examination Report (FER) for the following applications.

Sl. No	Department	Application No	Title of the patent application
1	Mechanical	201741003692	Dynamic balancing attachment for motorcycle rider
2	Mechanical	202241003717	An Apparatus for Making Natural Fiber Laying Attachment for Green Concrete Paver Block (GCPB)
3	Mechanical	202141040129	Self-Adjustable Support for Soft Stem Trees to Avoid Cyclone Damage

Special Report 1- on SPURS

Dr.Martha Karunakar writes...

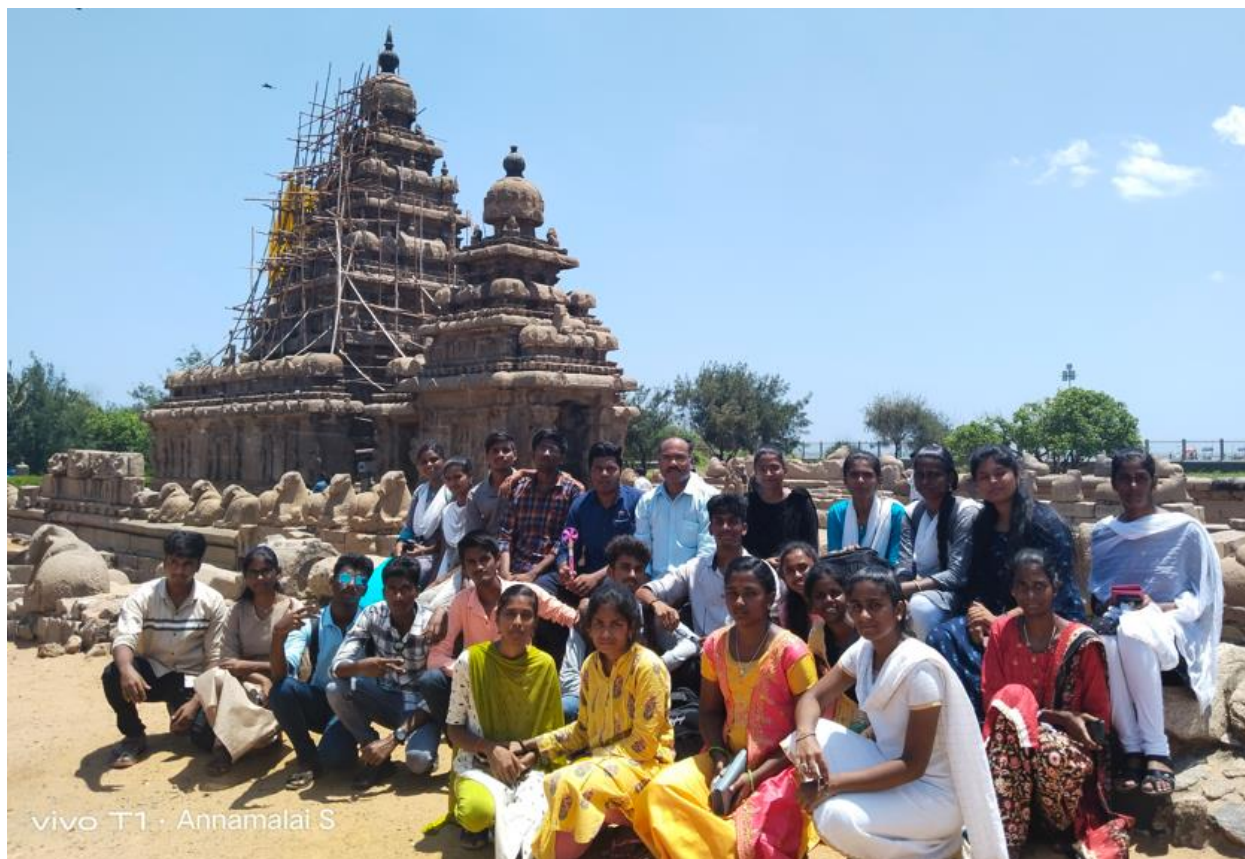
The three-week Orientation Program for SPURS (Scholarship for Potential Undergraduate Rural Students) was conducted from 05.09.2022 to 23.09.2022. Every year 25 students who are toppers from government high schools in rural areas are admitted under SPURS, a flagship philanthropic initiative of SSN. The College boasts of an eclectic mix of students and the primary aim of the orientation program is to train and empower SPURS students in terms of their English-speaking abilities along with honing their personality traits to seamlessly integrate them into the mainstream.



SPURS seniors addressing current students

The English department faculty engaged them both in the forenoon and afternoon sessions. Trainers from Strides Consultancy Inc. took classes in the morning. They did various activities during the last hour in the afternoon. They were introduced to Dr. Gayathri V.S, the First-year-in-charge, the Doctor on Campus, Dr.

Sachin S, the student counsellor, Dr. Nanda.S, and the coordinators of YRC, Dr. Thiyagaran V and his team, and NSS, Dr. Kaythry who initiated the concepts of service to society. Dr. Murugesan, the faculty-in-charge of SPURS was in constant touch making sure that they had adjusted well to college life. Dr. Praba, HoD, Maths and Dr. Thiruvengkataswami, former HoD, English, also engaged them for a session each. The senior SPURS batch gave several useful tips about life at SSN. The students were taken on a tour of the library, and the Sports facilities.



Retreat at Mahabalipuram

The Principal, Prof V.E. Annamalai, conducted a practical session on how to master English without learning grammar, which was very well received. Ms. Devika, one of the scholarship students from the first batch addressed them on the 12th and inspired them to reach for the stars. Jamuna, a current final year student of the IT department, who is also a SPURS awardee, narrated her story, ending it with the offer she had received from an IT company, of a CTC of 14.5 lakhs. Jegan, also a final year SPURS student was a great source of support during these weeks.

They went on a trip to Mahabalipuram on the 16th of September accompanied by Dr. A. Chandrasekaran. It was an exciting, fun-filled day, which they said, they would never forget. They took plenty of selfies, posed in front of monuments, bought some trinkets for their family, and had some snacks and a lot of fun, creating precious memories. On 21.09.2022, during the meeting with the President and the Principal, they offered plenty of positive feedback about the entire training program and expressed gratitude for the opportunity to study at SSN, which was a dream come true.

Special Report 2- on BME students winning first prize in Hackathon [Hardware Edition]

Team members - Lokesh Kumar M, R Dhanush Babu, Vahini M, A V Trisha, Manjunathan R (ECE) and Krishi V (ECE)

Team mentors - Prof. Venkateswaran N and Dr. Mahesh Veezhinathan, BME

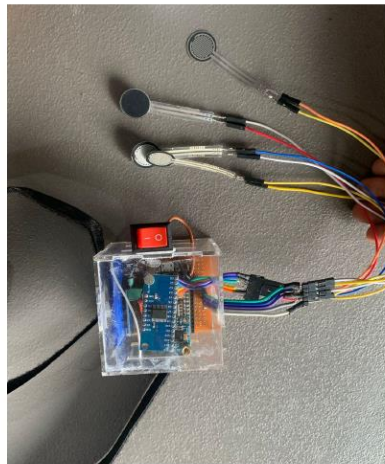
Problem Statement: Solution for recording and storing metrics of normal and orthotic leg for analysis by Orthotist to provide corrective measures



Our Students giving final demonstration in front of grand Jury during the final day on 29th August 2022.



Receiving the award from CEO and co-founder Forge – Mr. Vishnu Shaharsranamam (Left), and Mr. Shankar, Founder Forge (Right)



Final product developed during Smart India Hackathon.

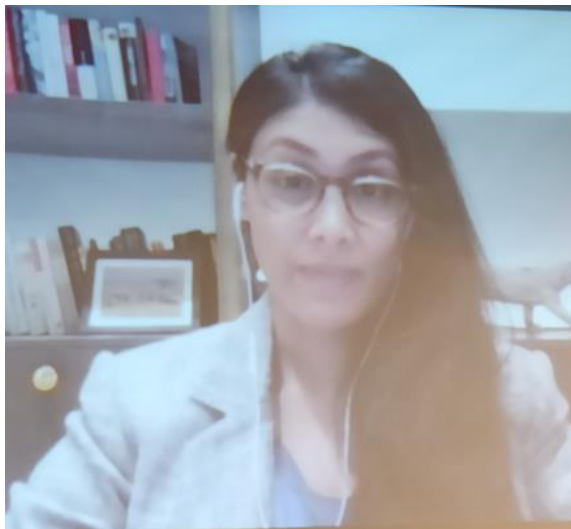
Brief Abstract: The problem statement given to us was "An IoT enabled solution for recording and storing metrics of normal and orthotic leg for analysis by an orthotist". There are nearly 85 million people with one or the other kind of disability and a need for an innovative solution to resolve the problems faced by them is in demand. We propose a solution wherein we acquire acceleration and gyroscope data from the knee and ankle of the body using the Inertial measurement unit. The pressure exerted on the patient's foot while exhibiting gait is also recorded using the force resistive sensor at 5 points. The data is sent to the cloud via the MQTT protocol and was stored in the dynamodb table. Furthermore, using the boto3 client the data was processed, visualized in the streamlit framework. Essential gait parameters such as step length, stride length, cadence etc. Standard threshold values were set according to medical practitioner's inputs and any abnormality was indicated as well. A business model was proposed and the lifecycle of the product was explained.

Group News 1- Sept 9 from Anand, Asst Director SSNI

Having successfully established three campuses, Shiv Nadar School is happy to announce its 4th campus in Adyar, Chennai. The academic journey commences from June 2023 onwards for students from Nursery to 4th grade. Join in building the community of lifelong learners!

To know more contact: 9990035642 / 9990035641, admissions.chennai@sns.edu.in

Group News 2- SNUC had its orientation on Sept 16th for its Second Batch



Dr.Kala Vijayakumar and Ms.Roshni addressing the gathering

Group News 3 - SSN iFound Report

CEO's Corner



Mr K. Chandran, the former CEO of The Chennai Angles Networks joined as the CEO of SSN Incubation Foundation (SSN iFound) on 05.09.2022.

He brings over 40 years of experience in IT/ITES, Financial Services, Investment Advisory, Automotive, Aerospace & Defence and Other industrial Sectors, including heading profit centres overseeing operations across India, America, UK, Europe, and ANZ.

He has worked for top organizations, including The Chennai Angles, HCL Technologies, CK Birla Group, Rane Group, Ashok Leyland Finance, Reliance Life Insurance and Elgi Equipments. .

Mr Chandran is a Graduate in Mechanical Engineering from the Indian Institute of Technology, Madras and holds Post Graduate Diploma in Management from the Indian Institute of Management, Kolkata (Calcutta).

He can be contacted at k.chandran@ssnifound.in & k.chandran@ssn.edu.in

SSN iFound News

- Application for Atal Incubation Center was submitted successfully on 05.09.2022
- SSN iFound has become a primary member of the Indian Science and Technology Entrepreneurs Parks and Business Incubators Association (ISBA)

Events attended

K. Chandran and N. Bhalaji attended Conference on Emerging Technologies organised by CII on 16.09.22

N. Bhalaji attended five days Trainers Training program on Entrepreneurship (Virtually) conducted by Entrepreneurship Development Institute, Ahmedabad from 26.09.22 to 30.09.22

N. Bhalaji attended the following programs organised by Headstart Networks in collaboration with Microsoft for start-ups

- Best practices for program designing by Wg GCdr Anthony Anish (Retd), Chief Delivery Officer at T-hub on 15th September
- Lean model canvas for Incubators by Vishesh Jhol, CFA and Head Startups PayU on 19th September
- Community management for incubators by Mr George Paul, Head Strategic alliances, and partnerships, JIO GenNext on 26th September
- Tracking and managing Startup performance by Ms Vidya Santhanam, Co-founder of Fitbots on 30th September

Meeting (External)

K. Chandran and N. Bhalaji had a meeting with the following experts as per the mentioned schedule to foster collaborative activities and to leverage their best practices in shaping up the SSNiFound.

Date	Expert
20.09.22	Mr Murali Sundaram, Technology consultant Npedia Technologies, Pvt Ltd
22.09.22	Mr Raghuttama Rao, CEO, GDC, Mr KV Anand, Chief Innovation officer, GDC Mr Rajiv Jain, Chief operating officer and Mr Subramanian, Chief marketing officer, GDC
23.09.22	Visited VIT TBI, Vellore and Met with Dr A. Balachandran, Senior General Manager, VIT TBI, Vellore
27.09.22	Virtual meeting with Dr Prabhu, IITM
29.09.22	Mr Venkatesan, Co-Founder of Tender cuts
29.09.22	Mr Anandaraman and Mr Vetrivel of SASTRA – TBI
29.09.22	Ms Seeba khan, CEO of AIC of Shiv Nadar University, Dadri
30.09.22	Mr Narendran, Head Engineering, Mr Cooper
30.09.22	Mr Sivarajah, Director TANSIM

Dr Kala Vijayakumar, President, SSN Institutions along with Mr K. Chandran, CEO, SSN iFound and Dr N. Bhalaji, Chief Coordinator, SSN iFound had a meeting with Prof. Ashok Jhunjhunwala at the IIT Madras Incubation cell and subsequently visited NIRMAN (pre-incubation cell) on 13.09.22 for collaboration. As an outcome of the meeting, the SSN iFound will soon sign an MoU with the IITM Incubation cell.

Services and support provided by SSN iFound are as below:

1. Connecting you to the partner company that will help and handhold in registering your company under the Ministry of Corporate Affairs
2. 50% of the registration cost is sponsored by our management (For faculty startups)
3. Allocation of Coworking space at our incubation centre at a nominal charge
4. Guidance for getting grants from the government agencies
5. Identification and allocation of mentors for your company

Have an idea to incubate reach Dr.Bhalaji at 9500086801

PROJECT PROPOSALS SUBMITTED IN SEPTEMBER 2022

Project proposals – total 62 proposals submitted [Annexure shared only to HoDs]

Dept wise count, based on PI

1. EEE	3	7. CIVIL	5
2. ECE	15	8. PHYSICS	4
3. CSE	5	9. MATHS	2
4. IT	9	10. RC	3
5. MECH	6	11. MBA	3
6. BME	5	12. CHEML	2

Compiled by admin team and released by VEA . For feedback, write to annamalaive@ssn.edu.in
