SSN - CARE

Cherishing Alumni Relationship and Engagement

President's Message:

Dear Alumni,

Greetings to you all.

We, at SSN Institutions (SSN), have always been very proud of the strong bond we nurture with our alumni.

The word 'alumnus' originates from Latin. As per Latin literature, it means 'foster son' – it indicates 'someone nourished by a person who is not a natural parent'. This is exactly the feeling that we, at SSN, have towards our alumni.

Each one of you is our alumnus – our 'foster son' or 'foster daughter'. We view your progress in your life beyond SSN with a very nostalgic feeling of pride. You will always be part of our SSN family - our brand ambassadors and our pillars of strength.

Many of you have given back to your Alma Mater in several forms - donations, expertise volunteered, experiences shared, etc. We strongly feel that creating a dynamic, supportive alumni network is vital for any institution's progress. To promote this, we would like to keep you updated of the various alumni initiatives through our newsletter, SSN CARE (Cherishing Alumni Relationship and Engagement).

Your continued association with SSN and active participation in our various activities will help us in making SSN, and the impact it has, even stronger.

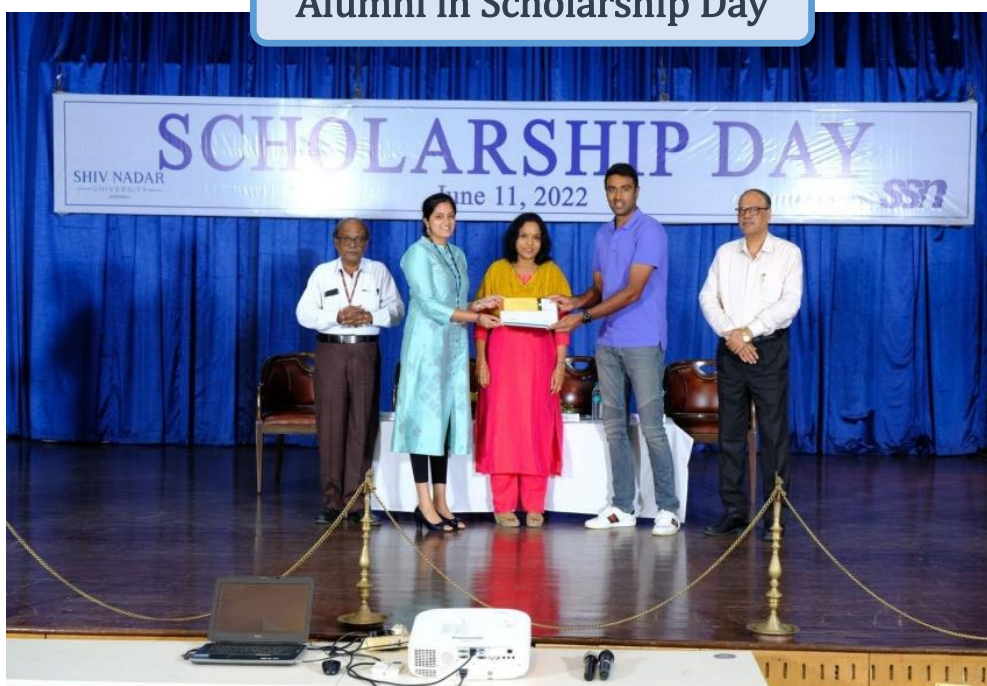I would like to conclude with my favourite quote –

> '*An institution's alumni are*
>
> *the reflection of its past,*
>
> *representation of its present and*
>
> *link to its future.*'

Wishing you the very best in all your endeavours.

Warm Regards,

Kala Vijayakumar

Alumni in Scholarship Day

SSN Institutions celebrated the 22nd Scholarship Day event on 11th, June. Overall, 481 students received the scholarship this year under various categories such as Merit, Merit cum means, sports, Alumni, Rural, special scholarship etc.

For Alumni Scholarship, total donation of INR 10,00,000+ has been collected for the academic year 2021-22. More than 80+ alumni contributed for the scholarship amount. For Rural Alumni Scholarship, total donation of INR 1,00,000+ has been collected for the academic year 2021-22.

The chief guest **Mr. Ashwin Ravichandran**, an International cricketer, and proud SSN alumnus gave away the awards to the students. Along with him, Alumnus **Mr.Narendran Mohan Sundram** of Mr.Cooper and Alumna **Ms.Vaishnavi** of EQUAD services also graced the occasion as Special Guests.

Alumni offering Scholarship

The following students received Rs. 35,000 each , through Alumni Scholarship, 2021-22

Sl.No.	Name of the student	Year & Department
1	Thoushick Ram.P	I - Mech
2	Rohith Kumar K	I – Mech
3	Vinodhini.R	I - EEE
4	Balaji.S	I - Civil
5	Pandiyarajan. P	II – Civil
6	Kovi Sai Sandeep	II – EEE
7	Arjunan Abinaya	II - ECE
8	Sathiya Narayanan	III – Chem
9	Gokul S	III – Civil
10	Kartheeswaran J	III - Civil
11	Bharathi M	III - Civil
12	Amarnath B K	IV – CSE
13	Lavanya S	IV-BME
14	Dharshan S	IV-CSE
15	Dhivya Devi B	IV – EEE
16	Jeyasuriya B	IV – CSE
17	Venkat Kumar P J	IV - ECE
18	Nandakumar V	IV - ECE
19	Mohamed Rafiyudeen	IV – CSE
20	Saravanan B L	IV - ECE
21	Venkatesan K	IV – Mech
22	Ambarish S	IV - Mech

Reflections of Beneficiaries

I, Arjunan Abhinaya (203002014) of ECE 2nd year, am grateful for the scholarship provided by the Alumni Association. Despite financial constraints, with the help of this scholarship , I am able to attend this esteemed college . This gesture and support benefits my family in many ways.
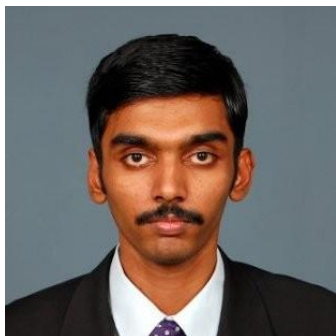
Hi, This is Pughal. R from 1st year CSE. I'm a recipient of Special Alumni Scholarship which is sponsored by Deepak Balu sir, co-founder of Rocketlane

I would like to take this opportunity to thank him as well as SSN Alumni association for organizing this and helping the needy. Your contribution to my education is so generous and allows me to continue to focus on my studies. I am the first one in my family to do a degree. It has helped me a lot financially as well as mentally to gain so much confidence. Thank you for making my dream come true.

M.Nithyanandham and R.Pughal of CSE received special Alumni Scholarship of Rs.50,000 each.

Alumni initiating an MoU

Varun V Krishnan (Batch 2006, Department of Electronics and Communication Engineering), Director of engineering, FLATIRONS SOLUTIONS, also the President of Alumni Association, SSNCE, has initiated the process of ==signing an MoU== between SSNCE and FLATIRONS SOLUTIONS. The final draft of the MoU has been approved by the legal teams on both sides.

The following are the key aspects of MoU:

- FLATIRONS SOLUTIONS will come to SSNCE to perform 2 guest lectures every year (One per semester).
- FLATIRONS SOLUTIONS will welcome at least 6 students in their third academic year for an internship every year, for a minimum of 8 weeks during the months of May - June - July.
- FLATIRONS SOLUTIONS will welcome at least 3 students in their final academic year for a project every year, from the month of December until mid-March.
- SSNCE will give the required information about the placement of the Third/Final year students to allow FLATIRONS SOLUTIONS to organize their placement drive at the earliest available opportunity.

Events conducted by Alumni

Mr. S. Gowtham (Batch 2014, Department of Electrical and Electronics Engineering), Data scientist, Great Learning, visited the department during the last week of June and interacted with the faculty and the students. He has previously worked in various educational institutions and is now working in Great Learning. ==He is also in the verge of completing his Ph.D==.

As he is skilled in Machine Learning and Artificial Intelligence, he shared his views on the scope of these courses in the current scenario and discussed on what the industry expects out of a student in various aspects such as certification, skill sets etc.,
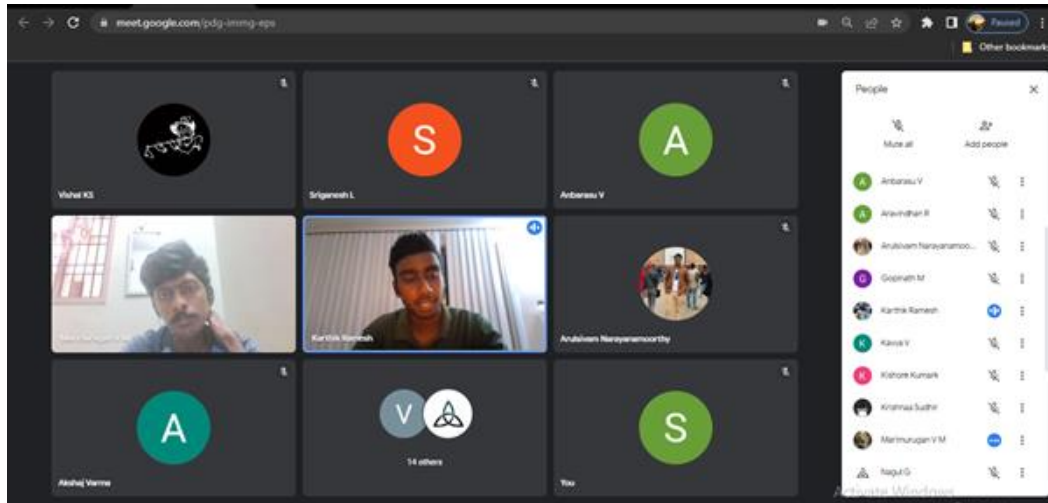
Ms. S.T. Pavithraa (Batch 2020, Department of Electrical and Electronics Engineering), Senior Associate Engineer, Caterpillar Inc, a skilled engineer in Renewable Energy Systems, Fault Analysis, Design of Electrical and Electronic Circuits, ANSYS, ALTIUM and MATLAB felt proud while sharing her takeaways from SSN. She shared how she excelled in undertaking research work right from proposal writing to product development and how SSN supported her in developing a Solar Dok at SSN campus through internal funded project.

She recollected her academic and research achievements and thanked the faculty members and the institution. She is always connected with the institution and interacted with students as a resource person in department technical events and Alumni Talk Series. She has now come up to involve our students who are well versed in coding with an event "CODE-A-THON", a hackathon organized by CATERPILLAR. The prize pool is Rs.5 Lakhs and Cat Merchandise.
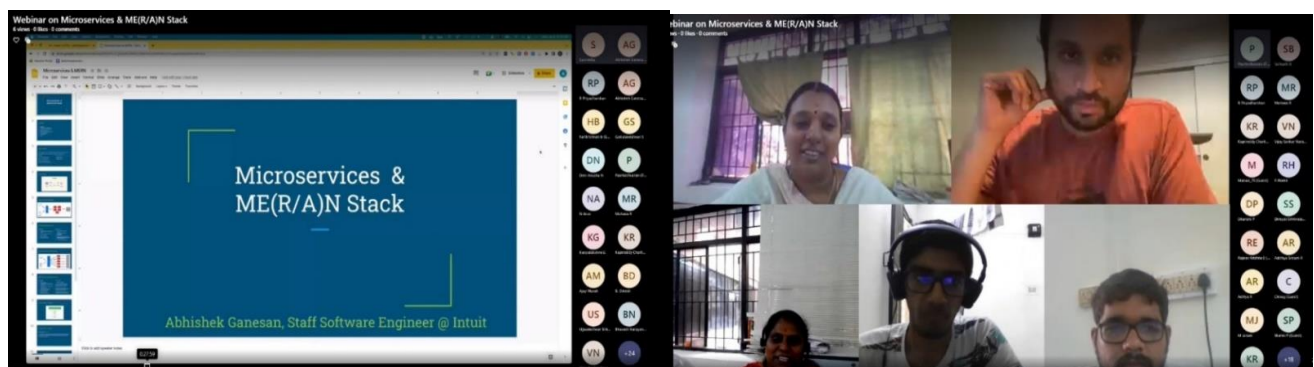

Mr. Harish (Batch 2019, Department of Mechanical Engineering) conducted an interactive session with the UG students regarding the scope of MBA and CAT and the preparation strategies for it, on 4th June 2022. He had worked as an executive in MRF for 2 years and has recently cleared his CAT and received an admission at IIM Indore.

The session started with Mr Harish stating the important exams conducted across India for an MBA. He mentioned the various colleges that were specific to various sectors in the MBA. He discussed the distinct patterns of various MBA exams. The participants were able to get an excellent overview about the type of questions that might be asked in CAT and strategies to address them. He later talked about the eligibility criteria and the final stage in the MBA-admission process- personal interview.

Karthik Ramesh and Mari Murugan (Batch 2019, Department of Mechanical Engineering) conducted an interactive session about the SAE club, its events and the career prospects associated with it, on 18th June 2022. Currently, Mr Karthik is doing his MS in Mechanical Engineering in the University of Cincinnati and Mr Mari is working as a Senior Associate in Atos. The session started with Mr Karthik explaining about their experiences with his first event-SAE-BAJA. He briefly talked about the challenges associated with the learning curves and the unexpected problems that his team faced during the competition. Then, Mr Mari and Mr.Karthik whole heartedly talked about their experiences with their E-bike challenge. They explained that how the adversities they faced helped them from being an underdog in the competition to winning it and inspired the juniors to take part in competitions . They mentioned about their learning experiences from these competitions and how it helped them to pursue their dreams.

Mr Abhishek Ganeshan (Batch 2010, Department of Information Technology) pursued his Masters in

North Eastern University USA. He is now a distinguished member of the workforce, specialising in mobile and web app development. He interacted with the students of 3rd year B.Tech IT department by conducting a webinar on REST API services and microservices which contained multiple high interest topics such as Rest API, microservices architecture, tech stack(MERN and docker) and monolithic architecture with a very fruitful demo of TODO's microservice which gave the students an insight into the practical usage of the above discussed technologies and also a glimpse into the workflow of a professional.

Dr.Gopalakrishnan Narayanamurthy (Batch 2012, Department of Biomedical Engineering), worked as an intern in various capacities during his undergraduate studies. He did a doctoral fellowship program in Indian Institute of Management, Kozhikode after finishing his B.E in Biomedical Engineering. After that, he did his MBA in University of Minnesota - Carlson school of management as a Fulbright Nehru Doctoral Research Scholar in Supply Chain & Operations.

He then worked as a Postdoctoral Research Fellow in University of St. Gallen in Switzerland. Later he became the Director of SatSure. He is currently working as a Senior Lecturer in University of Liverpool in the United Kingdom. He visited SSN and delivered a talk to biomedical students on career shaping and interacted with the faculties on possible collaboration.

Utthara Sankar (Batch 2013, Department of Biomedical Engineering), is a software cloud architect in the 5G cellular standards team at Intel. She works on designing and developing algorithms to incorporate Artificial intelligence and Machine Learning in 5G. She completed her Bachelors and Masters in Biomedical engineering from SSN and CMU respectively. After completing her Masters, she joined Basis, an Intel acquisition to work on wearables in the R&D team. After some interesting turn of events, she moved to the 5G standards team at Intel where she could incorporate her signal processing and MATLAB skills in another domain. She is always exploring options to apply her skills in different domains. She gave an online talk about her career and current opportunities.

Ms. R.J. Vennila and Mr.Gunasingh (PG Alumni of **Department of Computer Science and Engineering**) 2014-2016 batch, visited the department and addressed the first year U.G students and motivated them to become industry ready.

Alumni initiating internship

Mr.Harishankar (Batch 2014, Department of Computer Science and Engineering) currently Member Leadership staff ZLabs – NLP, ZOHO initiated a possible collaboration for the Internship programme for P.G students of SSN.

Alumni acting as Industry Experts

In the **Department of Computer Science and Engineering** to inculcate the involvement of the industry experts in U.G Project review and get suggestions and comments from industry point of view, four industry experts [Alumni], were arranged for each track. The industry expert's details are as follows: Mr. Seshan Rajendran, Senior Engineer, Qualcomm India Pvt. Ltd, Mr. Ruban,Lead Design, Stealth Mode Startup. Chennai, Mr. D.V. Vignesh, Member technical staff, Paypal, Chennai, Ms. Akshara Sirdhar, Senior Software Engineer, Bhawan Cybertek, Chennai. They have given feedback such as converting the project work as a product at the end, developed project work should be tested with real end users, the projects should be extended by the next batch of students, some preference should be given for technology-oriented projects along with research-oriented projects.

Mr. Seshan Rajendran, (2015)
Senior Engineer,
Qualcomm India Pvt. Ltd

Mr. Ruban, (2016)
Lead Design,
Stealth Mode Startup. Chennai

Ms. Akshara Sirdhar, (2018)
Senior Software Engineer,
Bhawan Cybertek, Chennai.

Mr. D.V. Vignesh, (2014)
Member technical staff,
Paypal, Chennai

Alumni visits to campus

Ms. Akshaya Natarajan, Senior Perception Engineer at AB Dynamics Solutions, UK, **Mr. Abhay Krishna** and **Ms. Meenakshi Poorani** (**Department of Computer Science Engineering**), 2014-2018 batch, visited the department, and interacted with the faculty members and shared their experience.

Mr.T.R Murali (2015 batch) currently Senior Software Engineer, Wipro Pvt. Ltd. and **Mr.K.Sridhar** (2021 batch), an entrepreneur holding a finance company for two wheelers, visited the **Department of Computer Science and Engineering** and interacted with few faculty members about the industry expectations and shared their experiences.

K Vishnuvarathan (Batch 2020, Department of Mechanical Engineering), visited the campus on the day of CRANKX (11-06-2022).

Dhanush R, Process Engineer at Technip Energies, **Lakshman K** working in Zifo and **Rishikesh M**, **Department of Chemical Engineering** who is going to pursue Masters in Chemical Engineering at IIT Madras in the forthcoming academic year of 2017 – 2021 batch, visited the Chemical Department on 25.06.2022.

Alumni Writeup

An Engineer at Work

I am **J. Gokul Krishna**, an alumnus of **Department of Civil Engineering**, 2016-20 batch, currently working as site engineer in CMRL Central Square Project, for L&T Geo-structure. Here are some of the insights of what I've learnt, and seem to be learning towards, in my current project site.

Monitoring work in a construction site and contributing towards achieving daily project progress is the most-expected duty for a civil engineer at site. Chances are that every engineer comes across some of the most gratifying and at the same time, excruciating experiences to tackle or move on. Our daily roller coaster rides range from reporting to our manager to behaving with our fellow colleagues, which very well may not be the same as convincing our clients or getting the work out of the contractors. Amidst all the technical eye to work and tight deadlines, the high and lows to face and tricky decisions to take, always sharpen our minds and keep us on our toes all the time.

Roles & Responsibilities

A construction project means there are several departments managing various specific activities from various standpoints to achieve their own goals as much as the project's fruitful completion. In better detail, we have stakeholders ranging from customers (who demand proper justice in quality and time schedule) to internal contractor departments (keen in progress and brand reputation) to site team (proper execution of work and resource utilization). Generally, a document called the ==project quality plan== is internally prepared to understand the hierarchy and responsibility of work. On that regard, it is important as a site engineer to understand what is expected out of you and whom to approach and strategy to derive to achieve your goals.

Skill-sets

One might be a part of a specialized department like planning, reinforcement, billing team etc. at site, but it is equally important to understand the overall picture of various departments. For example, it is necessary to know how the quality team works to make sure all the boxes are ticked in your site activity. Equally, one must know what is profitable to the organization and what is not economical but absolutely necessary to be answerable to the planning department. At a glimpse, it may look like too much on the plate, but getting to know how each and every-one works, and to co-ordinate, is fun to learn as well as a step to boost your leadership skills.

A proper knowledge of the drawings, scope of the activity, materials & tools required, estimating time completion of each activity are some of the key skills one may have to closely watch and learn. Communication skills to get the unskilled and skilled helpers to work, negotiating with client and planning work activities with manager are some of the other skill sets one can pick up eventually with time and experience.

Composure

Getting yourselves engineer-ready isn't just about learning the work methodologies or even achieving targets in the short time. A construction site is easily one of the busiest and pressure-filled workplaces with lots and lots of activities & interactions happening simultaneously. Extended work hours, constant demands from clients quoting deadlines etc. are some of the regular challenges faced but overcoming all that demands a lot of mental calmness to work under pressure. The more you learn, the more responsibilities you tend to take and the smarter you need to become to overcome those challenges. Getting the mentorship from experienced seniors always help you in this regard and make you proud of your improving learning curve.

Compiled by:

- Dr. C. Arun Prakash, Faculty Alumni Co-ordinator/Assistant Professor [Mech]

Distributed to

- All Students [through Department Alumni Relationship Team-DART]
- Faculty [through Principal's Office] and
- Alumni [through Manager, Marketing and Alumni Relations]