

SSN - CARE

Cherishing Alumni Relationship and Engagement

Alumni in SNF leadership Conclave

Shiv Nadar Foundation (SNF) Leadership Conclave was held in the campus of SSN on the 17th and 18th of February. The event witnessed the presence of several distinguished personalities from different walks of life who shared their experiences and insights with the SNF Team.

One of the external speakers who graced the occasion was **Mr. Pradeep Ranganathan (Department of Information Technology, 2011-2015)**, Director, and Actor, who enthralled the audience with his candid conversation. The interview was conducted by **Ms. Vaishnavi Vignesh Raja (Department of Chemical Engineering, 2007-2011)**.



During the conversation, Mr. Pradeep shared his unforgettable memories of his time at SSN and gave insights into his directorial and acting experiences. The audience was captivated by his inspiring journey and the challenges he faced in his career. The conversation was lively, and Mr. Pradeep's honesty, humility and sincerity left a lasting impression on everyone present.

Events conducted by Alumni

EVENT 1:

The Department of Information Technology invited **Ms. Prashanthi B, (Department of Information Technology, 2015-2019)**, Data Engineer at Meta, to guide students on the different roles that they can pursue in the field of data science. The event commenced at 9:00 am on 7th February 2023 at the Seminar Hall of the Department of IT, with an impressive strength of close to 90 students participating. Ms. Prashanthi joined the seminar via a virtual Meet, and then dived into the topic with a well-prepared, concise presentation that kept the audience engaged for close to one and half hours. Towards the end of the session, the audience were encouraged to pose their questions to Ms. Prashanthi, who answered all their queries with enthusiasm. The event ended on a good note, with the Student Alumni Representatives reporting positive feedback from the students.



EVENT 2:

Mr. S. Bharath Kumar (Department of Electrical and Electronics Engineering, M.E. PED, 2014-2016), Senior Analyst-Electrification, Caterpillar, Chennai delivered a Guest Lecture titled, “Industry Expectations from Postgraduate Engineers” on 11.02.2023 for PG students. Dr. V. Rajini, Prof. & Head delivered the welcome address and talked about the significance of industry involvement in the review of PG projects. This event was coordinated by Dr. R. Seyezhai, Prof/EEE.

Mr. Bharath Kumar, discussed about the opportunities and skill sets required for getting placed in a core company. He pointed out the important aspects of industry expectations for power electronics engineers and narrated about the communication skills, learning beyond the textbook, ability to lead, updating with the latest technology and multi-tasking required for post graduate engineers. He shared his experience about the internship which he completed during his PG course and emphasized the students to undergo an internship which will be useful for their career. He discussed about the latest software related to power electronics and drives which will be helpful to start their career in the areas of renewable energy systems, electric vehicle and other domains. He interacted with the PG students and answered their queries regarding their placement opportunities in core companies. He also reviewed all PG projects - Phase-1 and provided suggestions for further improvement and advised them to implement those ideas for phase-2.



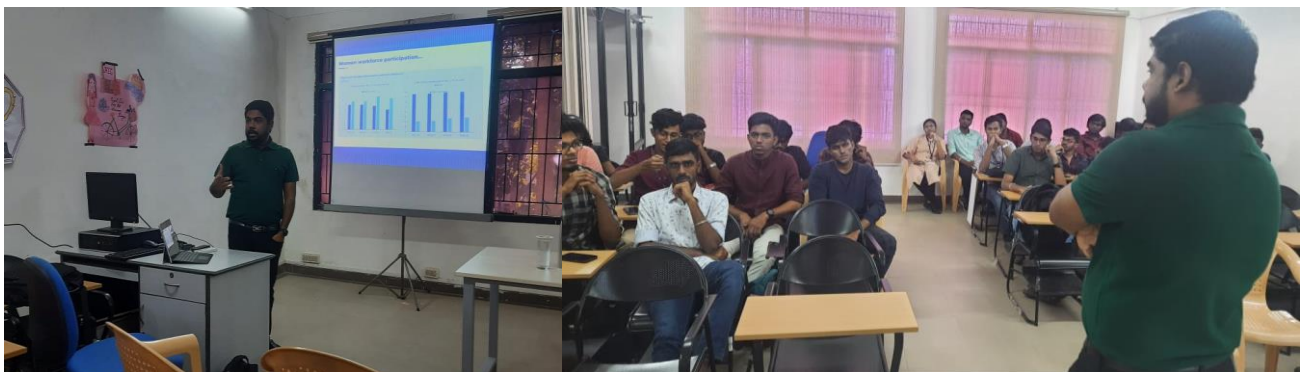
EVENT 3:

Mr. Nageshwaran Subramanian (MBA, 2013-2015), HR, Oracle, addressed the students of MBA – Batch 2022-24 on 11-02-2023. He highlighted the significance of small actions such as self-study and networking in shaping one's career. During the session, the case study of Milky Mist was discussed, demonstrating how they started with modest milk supply operations and successfully competed with larger corporations. The topic "Write your story" was also covered, focusing on important aspects like investing time, learning about a company's culture, functions, and processes, being aware of threats, exploring diverse opportunities and career paths, and the roles of perseverance, patience, and consistency in achieving career success.



EVENT 4:

The IIC, in collaboration with the Alumni Council, Department of Information Technology organized an Alumni talk on Entrepreneurship as career choice. The event was coordinated by Dr. P. Vasuki and Dr. S. Sasirekha. **Mr. Venkatesan (Department of Information Technology, 2003-2007)**, Sr.CO-Founder & COO at TenderCuts - India's First and Largest Omnichannel Meat & Fish Brand, was cordially invited to engage the students of SSN. He shared the learnings of his career and stressed upon the skills required to become an entrepreneur. He also recommended useful learning resources and books to explore before stepping foot on entrepreneurship. Around 50 students participated in this event.



EVENT 5:



Ms. Abhiramy Arumugam (Department of Bio-Medical Engineering, 2007-2011) delivered a talk on the Pathfinder alumni talk series on 15.02.23 at 9.00am. She worked in Cognizant for a short time before moving to US for her master's in biomedical engineering from University of Connecticut after which she worked in Philips for more than 5 years and is now currently in Verily as a UX Research

EVENT 6:

Mr. Manikandan Thangavelu (MBA, 2003-2005), Director - Solutions, Cloud & Infrastructure, Wipro limited, addressed the students of MBA batch 2022-24 on 18-02-2023. During the session, the importance of sales as an art of selling services rather than just products was emphasized, and several misconceptions associated with sales as a career were debunked. Attendees also gained valuable insights on how to maximize their potential through case studies. The session emphasized the importance of salespeople having technical knowledge, strong sales acumen, having clear strategies, establishing credibility, and building customer trust.



EVENT 7:

Association of Civil Engineers organised an alumni session with our Alumni **Mr. Prabhakaran P (Department of Civil Engineering, 2018-2022)**, on 23.02.2023. The session started with the welcome address followed by the alumni interaction. Prabhakaran started with the placement data of his batchmates. He then proceeded with sharing his preparation strategy for the placements. He also shared his experience in different interviews. He then elaborated on Data Science and the role of a Data Analyst. Finally, he concluded with some tips to maintain a balance between placements and academics.

EVENT 8:

Mr. Vikram PG (Department of Civil Engineering, 2018-2022), interacted with the students of the civil engineering department in an online session on 25-02-2023. Vikram started by expressing his passion for Civil Engineering and how he's constantly working to join the field. He also expressed how he realised his interest in civil Engineering at the later stage of college. He then conveyed his gratitude towards the department and staffs for their constant support and encouragement even after graduating. The session concluded with a vote of thanks. The participants found the session to be interactive and enlightening.

Alumni write up

WRITE UP 1:

By Dr. Joannes Sam Mertens (Department of Electronics and Communication Engineering, 2013-2017)

Journey from SSN to Catania

Joannes Sam Mertens, Assistant Professor, University of Catania, Italy



In 2013, I started my journey in SSN by pursuing Bachelor of Engineering degree in Electronics and Communication Engineering. During that period, I had the opportunity to learn from some of the most experienced professors in the field. They provided me with guidance and support in all aspects of my education, from choosing the right projects to conducting research and participating in workshops and conferences. Looking back at my undergraduate experience, I feel that it was a truly transformative time in my life. I learned so much, not only in terms of technical knowledge but also about myself and my place in the world. I made lifelong friends and developed important relationships with mentors who continue to influence my life today.

After completing my B.E in 2017, I decided to continue my education in SSN by pursuing a Master of Engineering degree in Communication Systems. This degree allowed me to focus on developing my research skills, working on research projects, publishing academic papers, and presenting at conferences. During this time, I had the opportunity to work on a funded research project under the guidance of Professor Edna Elizabeth. Her expertise and guidance were invaluable to me, and I learned a lot from her. I worked on developing a real time In-vehicle monitoring system to collect and monitor on-board diagnostics data from vehicles. I also designed a vehicle to Infrastructure based automobile pollution monitoring system as part of the research project. I would also like to express my gratitude to Professor Kaythry, who provided me with support and guidance throughout my research activities. Their encouragement and guidance helped me to succeed academically and develop my skills as a researcher. During the last few months of my Master of Engineering studies in Communication Systems, I was presented with a wonderful opportunity to do a research internship at the University of Catania under the guidance of Professor Giacomo Morabito. This opportunity was suggested to me by Professor Prabagarane, who recognized my interest in research and my potential as a scholar. I was thrilled to have

the opportunity to work with Professor Morabito and his team at the University of Catania. During the internship, I was able to develop a software defined networking protocol for wireless sensor networks with data mules. I was also able to build relationships with other scholars and researchers at the university of Catania which has been incredibly valuable to me throughout my academic and professional career. The research internship I did at the University of Catania under the guidance of Professor Giacomo Morabito was a turning point in my academic career. Not only did it give me valuable research experience, but it also helped me in securing admission to the PhD program in Telecommunication Engineering at the University of Catania.

In 2019 November, I started pursuing my PhD degree Telecommunication Engineering under the guidance of Professor Laura Galluccio. My research was focused on the exploitation of machine learning in Infrastructureless networks. In particular, I worked on developing distributed machine learning protocols for wireless networks. I had the opportunity to work on a number of research projects related to machine learning. These projects included both European and national projects, and focused on a range of topics related to telecommunication engineering, such as vehicular networks, wireless sensor networks and underwater communication. I also had the opportunity to engage in teaching and laboratory activities for the master's students at the university. I published my research work in several top-tier journals and presented my findings at prestigious conferences around the world. After three years of hard work, I successfully defended my PhD thesis in November 2022, earning my PhD degree in Telecommunications Engineering. After completing my PhD in Telecommunications Engineering at the University of Catania, I continued my academic journey as a postdoctoral researcher. I spent four months at the University of Catania, working on a project called SAFE-DEMON, which aimed to ensure vehicular safety through the exploitation of machine learning techniques. After completing my postdoctoral work at the University of Catania, I transitioned into a new role as an assistant professor in the Department of Electrical, Electronics, and Informatics Engineering.

I thank the God almighty for giving me the strength and determination to pursue my dreams. I am grateful to Professor Radha for all her support during my master's program and for encouraging me to do the research internship at the university of Catania, which proved to be a transformative experience for me. I am also grateful to have had such wonderful mentors and guides during my studies at SSN. Their support and expertise were critical to my success, and I will always remember the lessons they taught me and the ways in which they helped me to grow as a scholar and researcher.

WRITE UP 2:

By Mr. Thamizhamuthan Shanmugam (Department of Bio-Medical Engineering, 2013-2017)



I am Thamizhamuthan Shanmugam from the BME 2017 batch, and I currently work as an Associate Technical Engineer at Span Healthcare. Whenever I hear the name SSN, it brings back memories and excitement. Joining SSN College is a dream for many, and I was no exception.

Coming from a rural background, my school studies were not up to the mark, and my 12th grade was just about 50%. However, my passion for engineering was very high, so I joined a diploma course. I enjoyed each and every subject, especially the practical work, and in the end, I scored 93% and got placed in a France-based MNC. However, I always had the desire to do a bachelor's in engineering, so I resigned from my job and joined SSN College of Engineering, even though I was not financially independent. As a lateral entry student, I found it difficult to adapt, but our faculties helped me a lot in this regard. I had a high fear of the M3 and M4 papers, which are very tough for lateral entry students, but the Math Department faculty helped me a lot to overcome this hurdle.

In our department, our faculties helped me a lot, and as Socrates said, "I cannot teach anybody anything; I can only make them think," here our faculties made me think about what's next.

In one instance during my final year, my team's final project was selected for the "Demonstrating Prototype for Viable Startup" competition at the National Research Development Corporation (NRDC)-Delhi. We didn't have critical laboratory equipment like LabVIEW DAQ, decade resistance box, and others, and we had no time as we had to board the train the same night. However, our HOD helped us in a very quick manner and approved our request to carry the equipment. We competed with more than 150 teams from IITs, NITs, and other prestigious colleges in India and won that competition, bagging a cash prize of 50k. Our project mentors had prepared us in a very strong way. Not just in this one instance, but our faculties helped me in various phases of my college time. In fact, SSN College of Engineering welcomed me with merit-cum-mean scholarships, and I got the merit scholarships all three years. I thank the SSN management and alumni for reducing my financial burden.

Now, I am going to pursue my master's in biomedical engineering abroad. I started as a diploma student, and now I am going for a master's. Nothing is impossible. I want to motivate everyone to believe in themselves, work hard, and achieve their dreams. Your background or grades do not define your capabilities. With determination and commitment, you can overcome any hurdle and clear everything. I wish you all the best for your future and hope that you all achieve great heights in your careers.

Alumni Visits and Interactions

Mr. Mugila R (Department of Chemical Engineering, 2013-2017) Assistant Manager – Manufacturing Engineering, Hyundai Motor India Limited, Chennai visited the department and shared his working experience in the manufacturing company with the faculty and students on 20th February 2023.



Ms. Abhinaya (Department of Bio-Medical Engineering, 2011-2015, Rural student) currently, working for Merkel Haptic, IITM research park (First startup for touch technologies in India) met with Dr. Kala Vijayakumar and team from SSN to demonstrate the functioning of XTIC centre at IITM research park, Chennai on February 05, 2023.

Mr. Adithya Vignesh (Department of Mechanical Engineering, 2012-2016), visited the campus and interacted with the faculty members on 21.02.2023. Adithya is currently working as Senior Toolset Engineer at Rivian, California, United States.



Mr. Suriya K (Department of Mechanical Engineering, 2018-2022) visited the department and interacted with the faculties on 18.02.2023.

Mr. Karthikeyan A (Department of Mechanical Engineering, 2017-2021) visited the department and interacted with the faculties on 18.02.2023

The Team of Faculty Alumni Coordinators

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| Dr.R.Nithya BME | Dr. Vani Haridasan MBA | Dr.P.Vasuki IT | Dr. S. Sasirekha IT |
|  |  |  |  |
| Dr.C. Arun Prakash Mechanical | Dr. S. Santosh Mechanical | Dr. V.S. Nagarajan EEE | Dr. G.R. Venkatakrishnan EEE |
|  |  |  |  |
| Dr. N Prabagarane ECE | Dr.S.Sakthivel Murugan ECE | Dr. D. Gnana Prakash Chemical | Dr.R.Rajkumar Civil |
| |  |  | |
| | Dr.N.Sujaadeen CSE | Mr. S. Sujith Alumni Officer | |

Newsletter Compiled by: Dr. C. Arun Prakash, Faculty Alumni Co-ordinator/Assistant Professor [Mech] with inputs from Faculty Alumni Co-ordinators of all departments.

Distributed to

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

[Events of February 2023, reported in March 2023]