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Prof. Visveswar Mavathur

Professor of Practice & Director, Alumni Relations

Dear Alumni,

Continuing with our thread of the previous issue, where we showcased the DSU Atal Innovation Centre, we highlight in this issue another startup-oriented initiative of our group – DERBI. We include in this **AlmaSphere** a snapshot of DERBI’s services and infrastructure.

You recently received a survey around an upcoming startup-themed event exclusively for our alumni. Thank you for the encouraging response. In this event, we will be featuring authentic entrepreneurs as external experts, alongside our in-house organisations that support startup activity. We would like our alumni to leverage this opportunity, and give a thought to go beyond being an employee, by becoming employers themselves. Also at this event, we will be awarding alumni across three entrepreneurship categories of Innovation, Business Success, and Social Impact.

Meanwhile, please keep your alumni profiles updated on the DSU ERP, which is now open for your use via the Alumni section of the DSU website. Accurate profiles help you network better and utilise university sponsored opportunities effectively.

Best Regards



Mr. Sathyanarayana BV

CEO - DERBI

Dayananda Sagar Entrepreneurship Research and Business Incubation (DERBI) Foundation is a Technology Business Incubator established in 2015, hosted by Dayananda Sagar Institutions. It is a not-for-profit Section 8 company recognized and supported by the Dept. of Science & Technology, MeitY, DPIIT, Dept. of Biotechnology - BIRAC BioNEST, Govt of India, and Dept. of Electronics, IT & BT, Govt of Karnataka.

The mission of DERBI is to Incubate & Accelerate startups, and nurture the needs of the Founders by offering value-adding offers and providing a conducive ecosystem for their growth. DERBI Foundation has supported more than 190 startups across industry sectors like Healthcare, Medtech, SAAS, Edtech, and Deeptech through its program i.e, PACE (pre-incubation) to support early stages innovators/startups, GALLOP (incubation) to support mid-stage innovators/startups and EMERGE (acceleration) to support late-stage innovators/startups. It has invested in 34 startups and received a successful exit from a startup.

The Incubation center supports startups/innovators with One-on-One Mentoring, Workshops/Training sessions, Access to labs R&D, Showcasing Opportunities, Idea Validation, Product Development, Go-to-Market Strategy, IP, Regulatory and Tech, Clinical Trials, Design and Prototyping, Infrastructure & Coworking, Legal and Financial Support and Funding and many more.

Mr. Sathyanarayana BV, CEO of DERBI, brings a wealth of experience and expertise to the ecosystem as a startup ecosystem enabler, mentor, and policymaker. He fostered innovation and entrepreneurship and conceptualized and organized the ELEVATE and IDEa2PoC funding program for the Government of Karnataka, as part of some of the key initiatives. He also serves as the Chartered Member & Governing Board Member of TiE Bangalore.

DERBI Foundation Lab is supported by DST and Corporates like Mouser Electronics and Digi-Key to offer a common platform for students, startups, entrepreneurs, and industrialists to build their robust products in shorter cycle times. DERBI labs have a large set of devices and equipment covering electric, electronic, biometry, spectroscopy, mechanical and other relevant domain areas.

SOE – Aerospace Engineering

Alumni Mentorship

In-SPACE Model Rocketry & CANSAT India Student Competition



Rohith

SoE-AE (2023 Batch)



Sunil G.

SoE-AE (2023 Batch)

SoE- Aerospace department feels proud to share that our alumni **Mr. Rohith (2022 Batch)** and **Mr. Sunil G. (2023 Batch)** have been selected for their mentorship roles for the upcoming In-SPACE Model Rocketry and CANSAT India Student Competition 2024-2025. Their involvement will undoubtedly provide invaluable guidance and inspiration to our participating students.

IN-SPACE Model Rocketry India Student Competition 2024-25 is being organized by Astronautical Society of India in association with ISRO. This competition is aimed to provide a realistic experience to students and start-ups, in designing and launching an amateur rocket that meets a specified set of mission requirements. The competition involves the design, development & launch of a Model Rocket carrying a payload of 1Kg mass to an altitude of 1000m above the launch site, along with safe ejection of the payload and safe landing of the rocket.

SoE – Computer Science and Technology

Pre-Placement Talk by Alumni



Dayananda Sagar University
Dwarakaggetahalli, Harehalli, Koralekappa Road, Ramnagar Dt., Bengaluru - 562 02

**Department of
Computer Science & Technology**
is organizing
Placement Talk
by Alumni

 **Rahul Prabhakaran**
Java developer
Societe Generale

All 7th sem students are requested to join through Google Meet
Friday, July 5, 10:30am - 11:30am

Organizer Prof. Ramandeep Kaur Assistant Professor, CST	Chairperson Dr. M Shahina Parveen Professor, CST	Convener Dr. Udaya Kumar Reddy K R Dean-School of Engineering
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[Google Meet link](#)

The Department of Computer Science & Technology has organized a Placement Talk for 7th-semester students. This talk was delivered by CST Alumni Mr. Rahul Prabhakaran who is working as a Java Developer at Societe Generale company.

Mr. Rahul Prabhakaran briefed about the placement process to all the students. He included the importance of following telegram group, resume building, do's and don'ts, and placement rounds in detail and included the tips for internship process to students. The guest talk was followed by Q&A session concluded with a vote of thanks to the alumni for his valuable contribution.

SoE – Computer Science and Technology

Pre - Placement Training Session

Dayananda Sagar University

SCHOOL OF ENGINEERING

Department of Computer Science & Technology

Organizes

Pre Placement Training Session I for 6th sem students

on 13-04-2024

By CST Alumni

Amitash M S
Associate
Nokia

Soft Skills
Aptitude Development
Technical Training
Mock Interviews
Internships
Projects

Join Link at 11:00 AM

Organizers Prof. Bhaskar Venugopalan Professor of Practice, CST Prof. Ramandeep Kaur Assistant Professor, CST	Chairperson Dr. M Shahina Parveen Professor, CST	Convener Dr. Uday Kumar Reddy K R Dean-School of Engineering Dr. Shahina M Parveen Professor, CST
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The Department of Computer Science & Technology organized a Pre-Placement talk for 6th-semester students, as a part of Alumni Talk Series where the alumni of CST department share their experience with current students and provide them with necessary knowledge about the training. The session was delivered by Mr. Amitash M S, Associate, Nokia.

Mr. Amitash M S started the session with a candid interaction with the students and later explained some necessary skills students should possess. He also shared what tools should be learned to crack the technical rounds during the interview. The session concluded after an engaging Q&A Session.

SoE – Computer Science and Technology

Pre - Placement Training Session



The Department of Computer Science & Technology organized a Pre-Placement series for 6th-semester. The session was delivered by Mr. Ms. Pranita D, Software Engineer, Dell Technologies.

The talk emphasised on data structures and algorithms, covering fundamental concepts such as arrays, linked lists, stacks, queues, and trees, as well as sorting and searching algorithms. Object-Oriented Programming (OOP) principles, including inheritance, polymorphism, and encapsulation, were discussed along with design patterns. Proficiency in programming languages like C, C++, Java, and Python was underscored, with a particular focus on writing clean, efficient, and optimized code. Understanding these subjects deeply is instrumental in clearing technical interviews and excelling in coding assessments, making this session invaluable for pre-placement preparation.

Additionally, the session touched upon general knowledge of emerging technologies, including machine learning, artificial intelligence, blockchain, and cybersecurity. This comprehensive coverage ensured students' readiness in terms of foundational and modern technological concepts, which is crucial for their future placements.

SoE - Mechanical Engineering

Alumni Guest Talk

Driving the Future: Trends in Automotive Innovation & Autonomous Mobility



The department of Mechanical Engineering – SoE conducted a guest talk with their 2015-19 batch alumni Mr. Janamruth U. The session emphasized on the key advancements in autonomous driving technologies, including radar and LiDAR systems, and high-performance computing. Mr Janamruth highlighted Continental's commitment to sustainability with innovations like renewable and recycled material tires and carbon-neutral operations by 2040. The importance of software in modern vehicles was stressed, with developments in high-performance computing systems and virtual ECUs enhancing vehicle functionality and efficiency. He concluded the session by highlighting the shifting consumer preferences towards shared and green mobility solutions driven by regulatory and environmental concerns.

School of Commerce and Management Studies

Alumni Talk ‘Samwad’

"From Data to Strategy: Transforming Insights into Business Value"



The **School of Commerce and Management Studies (SCMS) at Dayananda Sagar University** organized an alumni talk on the topic **"From Data to Strategy: "Transforming Insights into Business Value"** with their two esteemed alumni, Ms. Pratheeksha Prakash and Ms. Gaganashree A, both serving as Scientific Assistants at Paessler Solutions.

Ms. Pratheeksha Prakash initiated the session by discussing the fundamental role of data in today's business landscape. She highlighted how data collection, analysis, and interpretation are critical for making informed strategic decisions. Her presentation included real-world examples of how businesses have successfully transformed raw data into actionable insights, leading to significant improvements in their operations and market positioning.

Following this, Ms. Gaganashree A delved into the practical aspects of implementing data-driven strategies. She shared her experiences working on the Network Analysis Intelligence Tool (NAIT) project at Paessler Solutions, illustrating how data analytics can drive innovation and efficiency within an organization. She also emphasized the importance of aligning data strategies with business objectives to maximize value creation. Her insights into the challenges and solutions encountered in the field provided valuable lessons for aspiring business analysts and strategists.

The interactive session concluded with a lively Q&A segment, where students and faculty had the opportunity to engage with the speakers.



SoE – Computer Science Engineering (AI & ML)

"Cracking the EY GDS Campus Drive: Preparation Tips for Success"

DAYANANDA SAGAR UNIVERSITY

Department of CSE(AI&ML)
Dayandanda Sagar University

we cordially invite all the 7th semester students for a webinar

Dayananda Sagar University
School of Engineering
Devarakaggalahalli, Harohalli Kanakapura Road, Dt, Ramanagara, 562112

Department of Computer science and Engineering
(Artificial intelligence and Machine Learning)

“Cracking the EY GDS Campus Drive: Preparation Tips for Success”

Date and Time:
Sunday 11th August 2024
06:00 PM to 7:00 PM

COVENERS

Technical Topics covered

- Data & Analytics
- Oracle
- SAP

Faculty Coordinator:
Prof. Udayabhaskara N
Assistant Professor,
Department of CSE(AI&ML)

Dr. Udaya Kumar Reddy K R
Dean, School of Engineering

Dr. Jayavrinda Vrindavanam V
Professor and Chairperson,
Department of CSE (AI & ML)

delivered by
Mr. Gaurav Kamat
Software Engineer, EY India

To join the video meeting, click this link: <https://meet.google.com/nfs-jkua-ujp>
Otherwise, to join by phone, dial +1 567-259-6406 and enter this PIN: 439 451 177#

The Department of Computer Science and Engineering (Artificial Intelligence & Machine Learning) organized an online session on 11th August 2024, focused on preparation for the EY GDS placement drive. The session was primarily aimed at students who had registered for the EY GDS drive, though other 7th-semester students with an interest in the topic were also encouraged to attend.

The session aimed to equip students with the necessary knowledge and skills to excel in the placement drive. **Mr. Gaurav Kamath**, an alumnus of the AI&ML department (2020-24 batch) provided detailed strategies and preparation tips for each section, emphasizing the importance of understanding the key requirements of the roles offered by EY GDS.

He shared his insights and experiences on successfully navigating the EY GDS Campus Drive. His presentation covered critical aspects of the EY GDS job description, including areas such as Data & Analytics, Oracle, SAP, and other related fields. At the end of the session, he addressed the queries comprehensively, providing practical advice based on his own experience.

School of Commerce and Management Studies
“International Cultural Appreciation Tour (ICAT)-Malaysia”

24th to 29th July 2024



The School of Commerce and Management Studies (SCMS) at Dayananda Sagar University recently organized an International Cultural Appreciation Tour (ICAT) to Malaysia for 153 MBA students from the 2023-25 batch and 5 faculty members. Over five days, the group visited various cultural, industrial, religious, historical, and educational sites, including Putra Jaya, Genting Highland, Batu Caves Murugan Temple, Pewter Factory, KL Tower, Help University, Kuala Lumpur Night Tours & Attractions, Sunway Lagoon Theme Park, Malacca, and KL Aquaria.

On the last day of tour students enjoyed the mesmerizing experience of aquatic life at KL Aquaria, followed by a delightful shopping spree. This international immersion trip provided students with a rich understanding of Malaysia's culture and growth, making for a memorable educational experience.

Department of International Affairs

Dayananda Sagar University Embraces 'Inclusive Internationalization'



DSU has established partnerships with numerous universities worldwide to offer a variety of master's programs, which is a testament to this commitment, providing students with the chance to pursue their master's degrees in renowned international universities. Top-notch universities like **TUM Asia, RWTH Aachen, Germany, NYU, New York, Staffordshire University, UK, James Cook University, Australia, Western Connecticut state University, USA** and many more have partnered with DSU to offer joint degree, diploma, internships & placement opportunities to its students.

On 28th June 2024, Dr. Ali, Pro Vice-Chancellor from the University of Liverpool, UK visited us at campus four to discuss & explore potential areas of cooperation between DSU & The University of Liverpool by offering exchange programs and joint research collaborations for students & faculty.

International Conference on Quality Education 2024



The Department of International Affairs hosted “**International Conference on Quality Education**” on 20th & 21st August 2024 in collaboration with the International Association for Quality Education (IAFQE). The event featured prominent leaders from Sri Lanka, including **Hon. A. Aravindha Kumar**, State Minister of Education, and **Mr. Janaka Kamalgoda**, President of IAFQE/SAIA4ECCD. The conference provided a platform for discussing educational policies and the vital role of quality education in shaping the future of students.

A meeting took place between Sri Lankan minister, delegates, including Dr. Puttamadappa C, Dr. Ashok S, Dr. Pushpa Sarkar, and Dr. Kaushalya, & International Affairs, DSU where they engaged in a meaningful dialogue with the Sri Lankan Minister and Mr. Janaka Kamalgoda on the educational practices in India and Sri Lanka.

The event commenced with the ceremonial lighting of the lamp and a welcome address by Dr. Ashok S, followed by an inspiring speech from the Minister of Education, Sri Lanka, at the CDSIMER Auditorium. The conference then transitioned to the School of Engineering, where lectures and other activities continued throughout the day and into August 21st.

On the Second day of the conference various cultural programs were organized by Sri Lankan delegates. The sessions also included insightful lectures on Quality Education. The day concluded with a friendly cricket match between the delegates from Sri Lanka and the staff members of the School of Engineering.

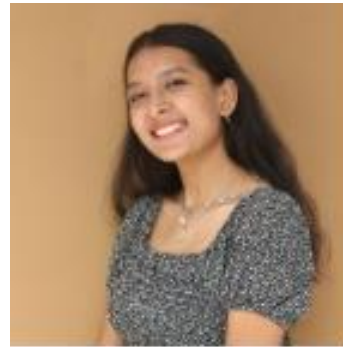
Alumni Achievements

SoE- Aerospace Engineering



Sunil G.

(2023 Batch)



Rachana Putane

(2024 Batch)

Alumni from SoE- Aerospace Department have secured roles in global industries and academia:

Mr. Sunil G (2023) has been accepted in the prestigious M. Tech program in Aerothermodynamics and Thermal Sciences at **IIT Kanpur**.

Ms. Rachana Putane (2024) has secured a prestigious internship at **AIRBUS**.

SoE- Computer Science and Technology



Muskaan Sinha

SoE CST (2018-2022 Batch)

Muskaan Sinha, a graduate from SoE-CST and a seasoned software developer, has exemplified dedication, innovation, and continuous learning. With over three years of experience, she has made significant strides in Python, Data Science, and Machine Learning, contributing to various organizations and projects. She has bagged several accolades that acknowledge her hard work and dedication:

- **Best Employee at the Muthoot Finance Summit, Colombo, Sri Lanka**
- **Best Event Organizer for Springer 2021**
- **Recognized as a Teamwork and Efficiency Expert at Deep Cognition**

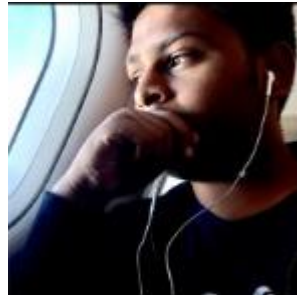
SOE – Electronics and Computer Engineering Pioneering Research in MEMS & Photonics



Dr. Saara K, Professor of ECE, served as an organizing committee member at the IC-MNSS-2024 conference at IISc Bangalore. Her involvement underscores our commitment to advancing research in MEMS and Photonics.

SoE-ECE student Ms. Neeraja Patil (7th-semester), presented a groundbreaking paper at the same conference. Her work, titled "*Gold-Coated 2D Photonic Crystal Biosensor for Effective Tuberculosis Detection*," conducted under the guidance of Dr. Saara K, explores the use of a gold layer to enhance TB detection sensitivity through surface plasmon resonance.

Alumni Messages



Suyash Chandra

CJMC (2019-2022 Batch)

Since graduating from Dayananda Sagar University with a degree in Journalism, I've had the privilege of pursuing my passion for cinematography. My journey began as a freelance cinematographer, working on over 25 advertising films for various social media platforms. This experience allowed me to hone my skills and grow professionally.

In 2023, I co-founded The Moving Train Company with friends from college Akash Hegde & Anoushka Metrani. As the Principal Director of Photography, I've worked on projects like "A Yesterday for a Tomorrow," a short film, and "Ancient Remnants: The Yellapur Jatre," a documentary. These projects have been important in shaping my approach to visual storytelling.

I am thankful to my professors at College of Mass Communication & Journalism for their guidance. Their teachings have been invaluable in my career.



Muskaan Sinha

SoE-CST (2018-2022 Batch)

My passion for technology began during my early years at Dayananda Sagar University, where I pursued a B. Tech in Computer Science and Engineering. The rigorous curriculum and hands-on projects ignited my curiosity and provided a solid foundation in software development, and I was well-prepared to dive into the professional world.

After joining Persistent Systems as an integral member of the software engineering team, I was involved in developing, testing, and maintaining software solutions. Later, I transitioned to The Muthoot Group as a Data Analyst and Software Developer. This role was a significant turning point in my career. All these experiences enriched my skills in Python, SQL, data visualization, and financial analysis, opening new avenues for innovation.

One of the most rewarding projects at The Muthoot Group was the development of a personalized loan chatbot using Chatlayer. This chatbot, integrated with natural language processing (NLP), assisted customers via WhatsApp, providing a seamless user experience for loan applications and status tracking.

Reflecting on my journey, I attribute my success to a few key principles:

1. **Continuous Learning:** In the ever-evolving tech landscape, staying updated with the latest advancements is crucial. So, dedicate your time to learning new technologies and methodologies to stay ahead of the curve.
2. **Collaboration:** Working with cross-functional teams has been integral to my success. Collaboration fosters innovation & helps in delivering high-quality products on schedule.
3. **Problem-Solving:** Tackling challenges head-on and finding efficient solutions is a skill essential for overcoming obstacles & delivering projects to success.
4. **Adaptability:** Being adaptable to new environments and technologies will allow you to thrive in various roles & projects.
5. **Passion and Dedication:** A genuine passion for technology and a dedication to your work would motivate you to push boundaries & achieve excellence.

Best Wishes.

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