



Dayananda Sagar University

School of Engineering

Devarakaggalahalli, Harohalli Kanakapura Road, Ramanagara, Karnataka 562112

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Report on Alumni Talk Series – Session 6

Topic: “Application of Satellite Image Processing”

Date: 06/03/2025

Time: 10:30 am to 11:30 am

Mode of Conduction: offline: L11-3

Target Audience: 5th Sem, 4th sem Students - Dept of CSE.

Resource Person

Name: Shruti B Yalgudri,

Current Position: Data Scientist at ALTAIR

Education: B.Tech in Computer Science, Dayananda Sagar University

Expertise: Specializing in Data Science

Name: Sumukh Sankarshana M

Current Position: ML Engineer at IRON MOUNTAIN

Education: B.Tech in Computer Science, Dayananda Sagar University

Expertise: Specializing in AI/ML

Faculty Coordinators

Dr. Rajesh T M, Associate Professor, Department of CSE

Dr. Renukadevi M N, Assistant Professor, Department of CSE

Dr. Praveen Kulkarni, Associate Professor, Department of CSE

Alumni Coordinator

Dr. Gousia Thahniyath, Assistant Professor, Department of CSE

The Alumni Talk organized by Department of Computer Science and Engineering and VIVA club on 06/03/2025 featured esteemed alumni **Shrusti B. Yalgudri** and **Sumukh Sankarshana M**, who shared their inspiring career journeys.

The session was warmly inaugurated by **Dr. Rajesh T.M.**, who highlighted their significant contributions to research and innovation.

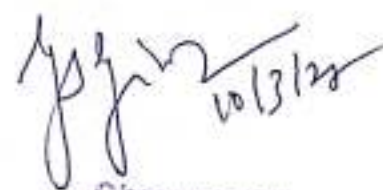
During the talk, Shruti and Sumukh reflected on their early days at **DSU University**, admitting that research was not initially their passion. However, their perspective shifted in the second year when they worked on the project "**Satellite Image Processing**". This experience made them realize the real-world impact of research and its potential to push the boundaries of knowledge.

They also discussed how their research experience shaped their careers, particularly through their internship at **NIAS Bangalore**, where they effectively used the **QGIS tool** for geospatial analysis. Their journey underscored the importance of hands-on research and its role in professional growth.

Dr. Girisha G.S., Chairperson of the CSE Department, also addressed the participants, appreciating the alumni's contributions to the department. He highlighted how their research work and professional achievements have added value to the institution, inspiring current students to explore research-driven learning.

The session concluded with an engaging Q&A segment, where students interacted with the alumni, gaining valuable insights into research and career development. The talk left a lasting impact, encouraging students to approach research with curiosity, resilience, and a problem-solving mindset.

Overall, "**Application of Satellite Image Processing**" was an inspiring and motivating session that resonated with the audience. It served as a powerful reminder of the transformative potential of research, not just in terms of academic or professional success, but also in personal fulfillment and growth.



Chairperson

Dept. of CSE





Photos:



[Signature]
Chairperson
Dept. of Computer Science and Engineering,
School of Engineering
DAYANANDA SAGAR UNIVERSITY
Devarakaggalahalli, Hosahalli,
Ramanagara Road, Ramanagara District-562112





DAYANANDA SAGAR UNIVERSITY

School of Engineering, Devarakaggalahalli, Harohalli,
Kanakapura Road, Ramanagara Dt.- 562 112

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



SUMUKH SANKARSHANA M

MR. ENGINEER
IRON MOUNTAIN
2020-2024

ALUMNI TALK SERIES SESSION 6

TOPIC: APPLICATIONS OF SATELLITE IMAGE PROCESSING



THURSDAY, 6TH MARCH 2025



10:30-11:30AM

ORGANIZERS

DR. RAJESH T M

DR. BENUGADEVI M N

DR. PRAVEEN KULKARNI

VENUE: LK3

ALUMNI COORDINATOR

DR. DEEPA TILAKKATU

STUDENT COORDINATOR

SIDDHY B RAO



SHRUSHTI B. YALAGUDRI

DATA SCIENTIST
ALTAR
2020-2024



Attendance of all Participants:



SCHOOL OF
ENGINEERING

Dayananda Sagar University

School of Engineering

Devanagalli Hall, Marshall, Kanakapura Road, Ramnagar Dt - 562 132

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 06-03-2025

Time: 10.30-11.30am

ATTENDANCE SHEET

Alumni Talk Series Session 6

Topic: Application of Satellite Image Processing

Sl.NO	NAME	USN	Class/GE	SIGN
1.	Pranavi Aruna chandra	ENG22CS0208	6F	HP
2.	Radha	ENG22CS0403	6F	HP
3.				
4.	Abhinav B	ENG22CS0005	6A	HP
5.	Sital Ramid	ENG22CS0032	6A	HP

Sl.NO	NAME	USN	Class/GE	SIGN
1.	Abhinav M	ENG22CS0208	CSE-6D	Pranavi
2.	Yashwanth N.	ENG22CS0214	CSE-6D	HP
3.	Yashas G. Ganthan	ENG22CS0212	CSE-6D	HP
4.	Vinaya M. G	ENG22CS0209	CSE-6D	HP
5.	Ankur Anantav	ENG22CS0239	CSE-6D	HP
6.	Pranav Prakash chandey	ENG22CS0231	CSE-6D	HP
7.	Ashwin	ENG22CS0225	CSE-6D	HP
8.	Arjun A	ENG22CS0217	CSE-6D	HP
9.	Abhinav B	ENG22CS0250	CSE-D	HP
10.	Chandhan Reddy	ENG22CS0274	CSE-D	HP
11.	Chandhan Reddy	ENG22CS0273	CSE-D	HP
12.	Chandhan Reddy	ENG22CS0266	CSE-D	HP
13.	Chandhan Reddy	ENG22CS0267	CSE-D	HP
14.	Chandhan Reddy	ENG22CS0265	CSE-D	HP
15.	Chandhan Reddy	ENG22CS0215	CSE-D	HP
16.	Chandhan Reddy	ENG22CS0261	CSE-D	HP
17.	Chandhan Reddy	ENG22CS0238	CSE-D	HP
18.	Chandhan Reddy	ENG22CS0270	CSE-D	HP

Sl.NO	NAME	USN	Class/GE	SIGN
1.	Hemachitra P. G	ENG22CS0319	F	Hemachitra
2.	Chinnappa P. G	ENG22CS0280	F	Chinnappa
3.	Hemachitra Raghuvaran	ENG22CS0321	F	H

Sl.NO	NAME	USN	Class/GE	SIGN
1.	Kumar Anurag	ENG22CS0347	F	Anurag
2.	Mayuri Hebbar	ENG22CS0362	F	Mayuri

M.Tech 1st Semester

- 2) Meenakshi EN24CSE0035
- 3) R Ankit EN24CSE0002
- 4) Alfiya Farhan EN24CSE0008
- 5) Debantika EN24CSE0010
- 6) Hemang EN24CSE0011
- 7) Kanchari EN24CSE0012
- 8) Nishu EN24CSE0018
- 9) Rakshita EN24CSE0003

10/3/25
Chairperson



Scanned with OKEN Scanner

SI.NO	NAME	USN	Class/GH	SIGN
1.	S RAYAN AHMED	ENG22CS0424	G	
2.	Sahil K	ENG22CS0429	G	
3.	Shreyas Bhanadwaj	ENG22CS0429	G	
4.	Coorja R. Raju	ENG22CS0464	G	
5.	Sandhya	ENG22CS0439	G	
6.	Prayas Yuthy	ENG22CS0460	G	
7.	Rohan Rajesh	ENG22CS0418	G	
8.	Shanvi Mishra	ENG22CS0450	G	
9.	Jayar Kanna	ENG22CS0423	G	
10.	Shiva Karthick S	ENG22CS0434	G	
11.	Syarna	ENG22CS0475	G	
12.	Sayak Dal	ENG22CS0465	G	
13.	Priy K Kumar	ENG22CS0416	G	
14.	Souvik L Gowda	ENG22CS0470	G	
15.	Sudheshna Nayak	ENG22CS0472	G	
16.	Sujal SVS	ENG22CS0426	G	
17.	Jahnavi T	ENG22CS0478	G	
18.	Shruya Paul	ENG22CS0458	G	
19.	Sufai S	ENG22CS0425	G	

SI.NO	NAME	USN	Class/GH	SIGN
1.	Vishaka Biju	ENG22CS0502	H	
2.	Sai Krishna	ENG22CS0496	H	
3.	Baasireddy Charishma	ENG22CS0535	H	
4.	ARUSHI A.M	ENG22CS0531	H	
5.	D Deepale Sai Reddy	ENG22CS0530	H	
6.	D. Guna Sekhar Reddy	ENG22CS0537	H	
7.	Prithi SR	ENG22CS0535	H	
8.	K K PREKSHAN	ENG22CS0552	H	
9.	Anishan Dalui	ENG22CS0525	H	
10.	Vaishnavi Kumari	ENG22CS0424	H	
11.	Vinuk Prekash	ENG22CS0509	H	
12.	Grahana A-Reddy	ENG22CS0542	H	
13.	Pragathi M	ENG22CS1004	H	
14.	Jayachandran Jashi	ENG22CS1006	H	
15.	Devesh	ENG22CS0538	H	
16.	Tharun V	ENG22CS0486	H	
17.	Anuja Rao	ENG22CS0528	H	
18.	Vishal S	ENG22CS0525	H	
19.	Somnath Mada	ENG22CS0497	H	
20.	Vaibhav V.B	ENG22CS0491	H	
21.	A.Sai mithi	ENG22CS0522	H	
22.	Satya	ENG22CS0557	H	
23.	Anjany	ENG22CS0522	H	
24.	Yash Kumar	ENG22CS0512	H	
25.	Yash Choudhary	ENG22CS0511	H	
26.	Hemant	ENG22CS0530	H	

SI.NO	NAME	USN	Class/GH	SIGN
1.	Tharushree V	ENG22CS0597	I	
2.	Medha Sreedhand	ENG22CS0551	I	
3.	Pavithra B	ENG22CS0569	I	
4.	Surnanth B	ENG22CS0595	I	
5.	Dheeth Kalluri	ENG22CS0618	I	
6.	Pranav Saha	ENG22CS0571	I	
7.	Vikas SR	ENG22CS0607	I	
8.	Yashwan A	ENG22CS0603	I	
9.	LATHI N	ENG22CS0625	I	
10.	Thilak S	ENG22CS0598	I	
11.	Rangasath G	ENG22CS0577	I	
12.	Lathil	ENG22CS0598	I	
13.	Prasanth M V	ENG22CS0676	I	
14.	Manoj L	ENG22CS0661	I	
15.	Bhuvan	ENG22CS0611	I	
16.	Uday	ENG22CS0600	I	
17.	Pranav	ENG22CS0672	I	
18.	Rajesh	ENG22CS1016	I	
19.	Yoga Prasad	ENG22CS0610	I	
20.	Vinay	0564	I	
21.	Mihail	0563	I	
22.	Vishwa	0609	I	
23.	Pranav Zachariah	ENG22CS0588	I	
24.	Sofia Rebecca	ENG22CS0690	I	

Sl.NO	NAME	USN	Class	SIGN
1.	Shashank Gowda L	ENR23CS0654	J-sec	
2.	Vishnu Alex K	ENR23CS0678	J-sec	
3.	Knapith M	ENR23CS0642	J-sec	
4.	Prasanna Saha	ENR23CS0109	B-sec	
5.	Sapana	ENR23CS0174	C-sec	
6.	Suresh B	ENR23CS0602	J-sec	
7.	Lalitha Ghau C	ENR23CS0250	E-sec	
8.	Sanketh Reddy	ENR23CS0528	H-sec	
9.	Arshad P	ENR23CS0517	H-sec	
10.	Aluru Bala Karthikeya	ENR23CS0520	H-sec	
11.	Srinath J	ENR23CS0660	J-sec	
12.	Vishnu G	ENR23CS0677	J-sec	
13.	V S Yashwanth	ENR23CS0672	J-sec	
14.	Prasanna Kumar	ENR23CS0603	J-sec	
15.	GAUR	ENR23CS0621	J-sec	
16.	Trishala	ENR23CS0670	J-sec	
17.	Chid Chaitanya	ENR23CS0686	J-sec	
18.	Pranav Kumar Saha	ENR23CS0633	J-sec	
19.	Suresh Kumar	ENR23CS0628	J-sec	
20.	Tarun Gouda HV	ENR23CS0666	J-sec	
21.	S. Faraz Ansum	ENR23CS0652	J-sec	
22.	C. Greshmitha	ENR23CS0538	H-sec	
23.	G. Harshitha Sai	ENR23CS0555	H-sec	
24.	C. Chaitanya Reddy	ENR23CS0659	J-sec	
25.	Shoab Khan S	ENR23CS0637	J-sec	
26.	Rohit Rajesh	ENR23CS0641	J-sec	
27.	Rachana S	ENR23CS0637	J-sec	
28.	N. Lavani	ENR23CS0604	J-sec	
29.	Sauri Agarwal	ENR23CS0630	J-sec	
30.	S. SHIRANI	ENR23CS0653	J-sec	
31.	Pranav H M	ENR23CS0684	J-sec	
32.	Kaina V S	ENR23CS0636	J-sec	
33.	Yashwanth M	ENR23CS0683	J-sec	
34.	Hareesh	ENR23CS0690	J-sec	

Topic: Application of Satellite Image Processing With Lem

Sl.NO	NAME	USN	Class	SIGN
1.	Hareesh	ENR23CS0638	J-sec	
2.	Pranav Kumar	ENR23CS0630	J-sec	
3.	Shashank Kumar V	ENR23CS0611	J-sec	
4.	Yashwanth Krishna V	ENR23CS0680	J-sec	
5.	Pranav S	ENR23CS0642	J-sec	
6.	Pranav S	ENR23CS0643	H-sec	
7.	Pranav S	ENR23CS0648	H-sec	
8.	Pranav S	ENR23CS0623	H-sec	
9.	Pranav S	ENR23CS0621	H-sec	
10.	Pranav S	ENR23CS0618	H-sec	
11.	Pranav S	ENR23CS0612	F-sec	
12.	Pranav S	ENR23CS0612	J-sec	
13.	Pranav S	ENR23CS0611	B-sec	
14.	Pranav S	ENR23CS0610	B-sec	
15.	Pranav S	ENR23CS0608	B-sec	
16.	Pranav S	ENR23CS0604	C-sec	
17.	Pranav S	ENR23CS0603	J-sec	
18.	Pranav S	ENR23CS0602	J-sec	
19.	Pranav S	ENR23CS0601	J-sec	
20.	Pranav S	ENR23CS0599	J-sec	
21.	Pranav S	ENR23CS0598	J-sec	
22.	Pranav S	ENR23CS0597	J-sec	
23.	Pranav S	ENR23CS0596	J-sec	
24.	Pranav S	ENR23CS0595	J-sec	
25.	Pranav S	ENR23CS0594	J-sec	
26.	Pranav S	ENR23CS0593	J-sec	
27.	Pranav S	ENR23CS0592	J-sec	
28.	Pranav S	ENR23CS0591	J-sec	
29.	Pranav S	ENR23CS0590	J-sec	
30.	Pranav S	ENR23CS0589	J-sec	
31.	Pranav S	ENR23CS0588	J-sec	
32.	Pranav S	ENR23CS0587	J-sec	
33.	Pranav S	ENR23CS0586	J-sec	
34.	Pranav S	ENR23CS0585	J-sec	
35.	Pranav S	ENR23CS0584	J-sec	

36.	Pranav S	ENR23CS0583	H-sec	
37.	Pranav S	ENR23CS0582	J-sec	
38.	Pranav S	ENR23CS0581	J-sec	
39.	Pranav S	ENR23CS0580	J-sec	
40.	Pranav S	ENR23CS0579	J-sec	
41.	Pranav S	ENR23CS0578	J-sec	
42.	Pranav S	ENR23CS0577	J-sec	
43.	Pranav S	ENR23CS0576	J-sec	
44.	Pranav S	ENR23CS0575	J-sec	
45.	Pranav S	ENR23CS0574	J-sec	
46.	Pranav S	ENR23CS0573	J-sec	
47.	Pranav S	ENR23CS0572	J-sec	
48.	Pranav S	ENR23CS0571	J-sec	
49.	Pranav S	ENR23CS0570	J-sec	
50.	Pranav S	ENR23CS0569	J-sec	

Dr. Prashanth
Dept. of Computer Science and Engineering
School of Engineering
DAYANANDA SAGAR UNIVERSITY

Feedback Form

Dayananda Sagar University
School of Engineering
Department of Computer Science and Engineering

Feedback Form (Student)

Course: B.Tech. in Computer Science and Engineering
Section: B.Tech. in Computer Science and Engineering

1. How would you rate the overall quality of the course?

☐ Excellent
☐ Good
☐ Fair
☐ Poor

2. What is the most valuable learning experience you gained from this course?

☐ Very Good
☐ Good
☐ Fair
☐ Poor

3. How do you rate the quality of the faculty members?

☐ Excellent
☐ Good
☐ Fair
☐ Poor

4. How do you rate the quality of the infrastructure facilities?

☐ Excellent
☐ Good
☐ Fair
☐ Poor

5. How do you rate the quality of the placement opportunities?

☐ Excellent
☐ Good
☐ Fair
☐ Poor

6. Any other comments or suggestions?

☐ Yes
☐ No

Dayananda Sagar University
School of Engineering
Department of Computer Science and Engineering

Feedback Form (Student)

Course: B.Tech. in Computer Science and Engineering
Section: B.Tech. in Computer Science and Engineering

1. How would you rate the overall quality of the course?

☐ Excellent
☐ Good
☐ Fair
☐ Poor

2. What is the most valuable learning experience you gained from this course?

☐ Very Good
☐ Good
☐ Fair
☐ Poor

3. How do you rate the quality of the faculty members?

☐ Excellent
☐ Good
☐ Fair
☐ Poor

4. How do you rate the quality of the infrastructure facilities?

☐ Excellent
☐ Good
☐ Fair
☐ Poor

5. How do you rate the quality of the placement opportunities?

☐ Excellent
☐ Good
☐ Fair
☐ Poor

6. Any other comments or suggestions?

☐ Yes
☐ No

Dayananda Sagar University
School of Engineering
Department of Computer Science and Engineering

Feedback Form (Student)

Course: B.Tech. in Computer Science and Engineering
Section: B.Tech. in Computer Science and Engineering

1. How would you rate the overall quality of the course?

☐ Excellent
☐ Good
☐ Fair
☐ Poor

2. What is the most valuable learning experience you gained from this course?

☐ Very Good
☐ Good
☐ Fair
☐ Poor

3. How do you rate the quality of the faculty members?

☐ Excellent
☐ Good
☐ Fair
☐ Poor

4. How do you rate the quality of the infrastructure facilities?

☐ Excellent
☐ Good
☐ Fair
☐ Poor

5. How do you rate the quality of the placement opportunities?

☐ Excellent
☐ Good
☐ Fair
☐ Poor

6. Any other comments or suggestions?

☐ Yes
☐ No

Dayananda Sagar University
School of Engineering
Department of Computer Science and Engineering

Feedback Form (Student)

Course: B.Tech. in Computer Science and Engineering
Section: B.Tech. in Computer Science and Engineering

1. How would you rate the overall quality of the course?

☐ Excellent
☐ Good
☐ Fair
☐ Poor

2. What is the most valuable learning experience you gained from this course?

☐ Very Good
☐ Good
☐ Fair
☐ Poor

3. How do you rate the quality of the faculty members?

☐ Excellent
☐ Good
☐ Fair
☐ Poor

4. How do you rate the quality of the infrastructure facilities?

☐ Excellent
☐ Good
☐ Fair
☐ Poor

5. How do you rate the quality of the placement opportunities?

☐ Excellent
☐ Good
☐ Fair
☐ Poor

6. Any other comments or suggestions?

☐ Yes
☐ No

[Signature]
11/3/20
Chairperson
Dept. of Computer Science and Engineering
School of Engineering
DAYANANDA SAGAR UNIVERSITY