



## Criteria 2- Teaching- Learning and Evaluation

### Key Indicator- 2.3 Teaching- Learning Process

2.3.1. Student centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences

### INDEX

Sr. No.	Content	Page No.
1.	Experiential Learning	
	1.1. Mini Project and Major project	3
	1.2. Internships/field training	24
	1.3. Industrial / Site Visits	102
	1.4. Workshops with hands on sessions	149
	1.5. Inviting Industry Experts and to deliver talks on advanced Topics	197
2.	Participative Learning	
	2.1 Megaleio	247
	2.2 Megahack	250
	2.3 Aavishkar	256
3.	Problem Solving Methodologies	
	3.1 Real-time project	262



*Kishan*

Principal

St. John College of Engg. & Mgmt  
Palghar (E), Palghar



Outcome Based Education (OBE) is need of hour in which it is expected that students have to apply their knowledge and skills to solve industrial and societal problems. In professional technical education, prime focus is on knowledge, skill and approach. Knowledge is mainly gained through classroom teaching where ICT tools are predominantly used. Skills and approach are primarily gained from conduction of laboratory courses, industrial trainings, industrial visits, mini / major projects. In addition to these activities, various forum of students plays a major role in providing opportunities to students for enhancing learning experience. Under such forums, students organize and participate in various activities.

## 1. Experiential Learning

Institute has promoted the experiential learning in following modes.

- Mini Project
- Major Project
- Internships/field training.
- Industrial / Site Visits
- Workshops with hands on sessions
- Inviting Industry Experts and to deliver talks on advanced Topics

## 2. Participative Learning

Institute organises the various workshops and technical events such as Science fest, Megaleio, Megahack, concrete festival, Srijan and other activities to promote participative learning. Students are also participating in national technical events of robotics, hackathon, technical contest, project competition, group activities, brain storming sessions, case study, etc.

Institute also encourages students to participate in events like Avishkar (university level), IIT Techfest, etc.

As part of their study, final year students take the project such that, they use their knowledge and skills to solve the problems which are technical, scientific, legal, social and environmental issues. They are encouraged to work on live problems/situations to give technological and managerial solutions.

## 3. Problem Solving Methodologies

Following techniques are employed to inculcate problem solving approach among students:

- Real-time projects
- Open book tests, assignments and take-home tests
- Different technical contests where students design and develop solutions to given problems



*Kishali*

Principal

St. John College of Engg. & Mgmt  
Palghar (E), Palghar



**Experiential Learning  
Sample Mini Project and  
Major Projects Lists**



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

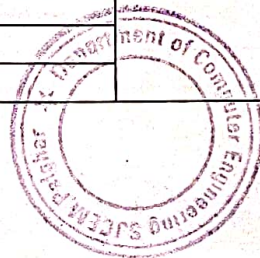
DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## DEPARTMENT OF COMPUTER ENGINEERING B. E. MAJOR PROJECT | A. Y. 2024-25

Group No.	Roll No	Div	Name of the student	Project Title	Project Guide
1	2	A	Amulya Ambre	Gamified platform for law awareness	Dr. Nilesh Deotale
	21	A	Sakshi Choudhary		
	45	A	Deeksha Kharvi		
	21	B	Bhavya Pillai		
2	23	A	Priyanshi Das	Image based early detection of Diabetic Retinopathy : Deep Learning Approaches with CNNs for clear Vision.	Ms. Deepika Nadar
	24	A	Atharva Dahanu		
	53	A	Shubhangi Mohite		
	59	A	Nirmalraj K.		
3	15	A	Nilaksh Choudhary	Deep learning based web application to automate tree enumeration in forest areas.	Mr. Ajay Sirsat
	16	A	Yash Chaudhary		
	39	A	Rohan Jangale		
	54	A	Sherwin murzello		
4	36	B	Mithelesh Sharma	MockMaster	Dr. Mahesh Maurya
	34	B	Salif Shaikh		
	24	B	Raj Rajput		
	30	A	Aaditya Gharat		
5	12	A	Vinita Bhoi	Subjective Answer Detection	Dr. Nilesh Deotale
	51	A	Siddharth Mishra		
	63	A	Akhil Kumar Singh		
	65	A	Vandana Kumari		
6	36	A	Sheetal Gupta	AI-integrated Dietary Quantification	Mrs. Vidya Kawtikwar
	40	A	Prakash jha		
	41	A	Ayush kadam		





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

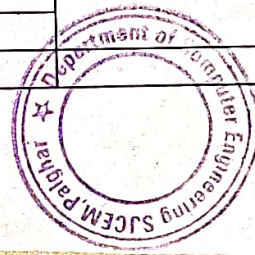
Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

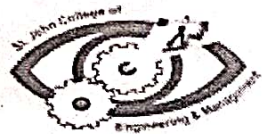
DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

Group No.	Roll No	Div	Name of the student	Project Title	Project Guide
7	60	A	Dweep patil	Emotion Classification based on EEG signals using Machine Learning	Mrs. Rashmi Bhat
	11	B	Jay Patil		
	14	B	Sakshi Patil		
	37	B	Omkar Shigvan		
	20	A	Akash Chavan		
8	29	A	Sankalp Gaikwad	Visual Math Interpreter using Open CV & Gen AI	Mr. Ajay Sirsat
	32	A	Priyanshu Goyal		
	42	A	Haamid Raza Kazi		
	58	A	Somnath Nikam		
9	4	A	Divyesha Bari	Immersive Fitness	Mrs. Pooja Patil
	6	A	Riya Bhabal		
	8	A	Jui Bhanushali		
	34	A	Anjali Gupta		
10	43	A	Mehtab Khan	Intelligent system for Industrial Surveillance	Dr. Nilesh Deotale
	44	A	Rehan khan		
	48	A	Vishal Maurya		
	50	A	Piyush Mishra		
11	8	B	Abid Pathan	Project Self Driving Car using IoT and Deep learning	Dr. Nilesh Deotale
	13	B	Meet Patil		
	33	B	Faiz Shaikh		
	55	B	Bishnu Prasad Tripathi		
12	53	B	Ankur Tiwari	Online Mentor Connect	Mrs. Rashmi Bhat
	56	B	Krishna Varma		
	31	B	Chirag Rawat		
	30	B	Priyank Raut		
13	1	A	Avnish Alves	Accident Simulation	Mrs. Janhavi Sangoi





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

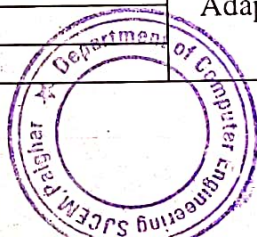
Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

Group No.	Roll No	Div	Name of the student	Project Title	Project Guide
	49	A	Amit Mishra		
	64	A	Aditya Sutar		
	62	B	Nehal Zope		
14	52	A	Pratham Mistry	JobHelper: An AI Driven Resume Analyzer with Job Recommendor and Portfolio Code Generator	Mrs.Vidya Kawtikwar
	12	B	Lobhan Patil		
	57	A	Shreyash Narse		
	5	A	Siddhi Bari		
15	7	A	Disha Bhandare	Steel defect Detection using Machine Learning	Ms.Deepika Nadar
	28	A	Kartik Dubey		
	43	B	Fairy Singh		
	45	B	Madhu Singh		
16	17	A	Abhijeet Chauhan	DMaven Pro	Mrs.Vidya Kawtikwar
	27	A	Abhishek Dubey		
	33	A	Om Gund		
	38	A	Karan Jaiswar		
17	46	A	Avinash kharwar	MultilevelQgen	Mrs. Janhavi Sangoi
	61	A	Yash Patil		
	9	A	Kirtan Bhatt		
	10	A	Chaitanya Bhoir		
18	13	A	Anish Bomble	Classification and Identification of medicinal plants using . Machine Learning	Ms. Deepika Nadar
	3	A	Rohit Andhale		
	11	A	Dhiraj Bhoir		
	37	A	Vedant Halale		
19	19	B	Yashaswi Patil	Adaptive Learning Game Platform Application for ADHD and Autism	Ms.Deepika Nadar
	26	B	Mahima Rana		
	32	B	Aayushi Save		





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

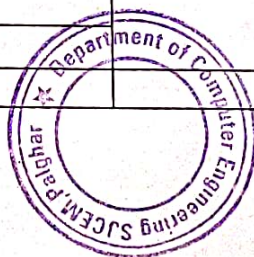
Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

Group No.	Roll No	Div	Name of the student	Project Title	Project Guide
	63	B	Rohit Dubey		
20	2	B	Shweta Matole	Kid-Friendly Medical Simulation Platform for Learning Medical Skills	Mr. Ajay Sirsat
	38	B	Devyani Shirodkar		
	52	B	Shruti Thakur		
	59	B	Ankita Yadav		
21	19	A	Sachin Chauhan	Prediction of Five Categories of Hepatitis Disease Using Ensemble Learning	Dr. Nilesh Deotale
	31	A	Ghiridhar Thangaraj		
	55	A	Bharathraja Nadar		
	56	A	Shriram Nalge		
22	47	B	Sneha Singh	Acoustic Emission Testing for Vessels	Mrs. Vidya Kawtikwar
	50	B	Anushka Thakur		
	54	B	Avinash Tiwari		
	23	B	Sadiq Quereshi		
23	7	B	Sahil Patel	Bank Panel System	Mr. Ajay Sirsat
	4	B	Chiranjiv Pagdhare		
	20	B	Omkar Pawar		
	44	B	Harshit Singh		
24	22	A	Yohan Stanny Dabre	Krishi Madad: A Digital Platform for Empowering Farmers	Mrs. Rashmi Bhat
	62	A	Smith Pereria		
	26	A	Rex Roby D'mello		
	25	A	Rupesh Dingankar		
25	58	B	Nilesh Dinesh Waghela	AI Powered Research Paper Companion	Dr. Mahesh Maurya
	57	B	Christopher Philip Ambatti		
	46	B	Singh Ranu Ramkuwar		
	27	B	Sarthak Umesh Rane		
26	49	B	Akash Thakur	Quiz-Tube	Mrs. Rashmi Bhat





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

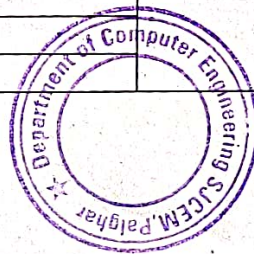
Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

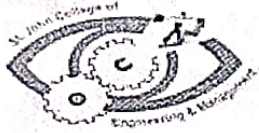
DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

Group No.	Roll No	Div	Name of the student	Project Title	Project Guide
	25	B	Tushar Ram		
	39	B	Ayush Shukla		
	48	B	Vivek Singh		
27	22	B	Harsh Pimpale	LegalMind	Mrs. Janhavi Sangoi
	18	B	Yash Patil		
	05	B	Gaurav Parpol		
	60	B	Prajwal Yadav		
28	61	B	Pravin Yadav	Call Recording and Call Reminder for Clients	Mrs. Rashmi Bhat
	6	B	Akshay Paste		
	9	B	Devansh Patil		
	18	A	Karan Chauhan		
	4	B	Asmin Pandit		
	15	B	Satvik Patil		
	16	B	Tanmay Patil		
29	17	B	Vedant Patil	Image to Braille converter using Raspberry Pi and Machine Learning	Mrs. Pooja Patil
	40	B	Siddhesh Durgesh Shukla		
	42	B	Ayush Pramod Singh		
	52	B	Eshan Rajan Thakur		
30	01	B	Mohammed Zaid Khalil Choudhary	Smart waste management system using IoT	Mr. Ajay Sirsat
	41	B	Aryan Singh		
	35	B	Aakash Sharma		
	28	B	Adarsh Rathod		
31	29	B	Aryan Raut	Lead Management System	Mrs. Pooja Patil
	10	B	Hardika Patil		
	14	A	Dhanashree Chaudhari		
32	35	A	Harshvardhan Gupta	ShopEase: Augmented Reality Shopping App	Mrs. Pooja Patil





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

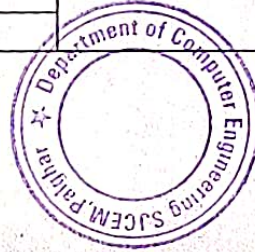
Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

Group No.	Roll No	Div	Name of the student	Project Title	Project Guide
	47	A	Rohit Lokhande		
33	63	B	Rohit Dubey	Employee Performance Monitoring System	Mrs. Janhvi Sangoi
	23	B	Sadique Qureshi		
	66	A	Niket Mishra		
	64	B	Soham Kansara		



Ms. Rashmi Bhat  
Project Coordinator

Dr. Nilesh Deotale  
Head of Department

<b>Aidel Education Trust's</b>	
<b>St. John College of Engineering and Management, Palghar</b>	
<b>NAAC Accredited with Grade A+</b>	
Department of Artificial Intelligence and Machine Learning	
<b>S.E. Mini-Project 1B   Semester IV   A.Y. 2023-2024   EVEN Semester</b>	

Group No.	PID No.	Roll No.	Student Name	Finalized Title	Guide
1	EU1226003	6	Meet Umesh Gupta	AI Logo Designing	Mrs. Abira Banik
	EU1226001	5	Jaison George Dsouza		
	EU1226017	11	Makrand Anil Lad		
2	EU1226027	29	Moksh Ramesh Suthar	Food Ordering Bot	Mr. Vivian Lobo
	EU1226029	7	Labhesh Dipak Jadhav		
	EU1226005	2	Dinesh Hakaram Chaudhary		
3	EU1226019	27	Gagan Santhosh Shetty	Safeguard Her	Mrs. Juily Tarade
	EU1226032	31	Thakur Ajay Kumar		
	EU1226007	22	Nilesh BabRajputusingh		
4	EU1226015	16	Prince Aditya Pandey	Quiz Game	Mrs. Rosy Pradhan
	EU1226026	10	Aditya Vishvas Khot		
	EU1226030	14	Neel Ajit Panchal		
5	EU1226018	24	Tulashi Gaurishankar Sabat	Driver Drowsiness Detection	Mrs. Abira Banik
	EU1226004	20	Siddhi Arun Patil		
	EU1226012	17	Hardi Hemant Patel		
6	EU1226031	28	Harshada Devidas Sonawane	AI Healthcare	Mrs. Abira Banik
	EU1226034	1	Bhakti Rahul Bhanushali		
	EU1226033	4	Tisha Sachin Dhole		
7	EU1226023	13	Romit Tushar Meher (Drop)	Fitness Guide	Mrs. Juily Tarade
	EU1226021	21	Tanmay Dattaram Patil		
	EU1226011	25	Harsh Daulat Salvi (Drop)		
8	EU1226002	19	Prathamesh Bhagwan Patil	College-E-Bot	Mr. Vivian Lobo
	EU1226022	23	Kishan Kamaljit Ravat		
	EU1226028	3	Harshiv Nirmal Desai		
9	EU1226006	18	Patil Harshit	Website Advertisement Blocker	Mrs. Juily Tarade
	EU1226010	12	Maurya Shivam		
	EU1226008	15	Chaman Pandey		
10	EU1226013	32	Yadav Shubham	Vehicle Breakdown Assistance	Mrs. Abira Banik
	EU1226016	9	Kadam Kapil		
	EU1226025	30	Talesara Gaurav		
11	EU1226009	26	Tirth Shah	Work Life Balance using Python	Mr. Vivian Lobo
	EU1226014	8	Darshan Jain		
	EU2226002	33	Shreya Kini		
	EU2226001	34	Smit Patil		
	EU2226003	35	Utkarsh Raut		

Mr. Vivian Lobo  
S.E. Mini-Project 1B Co-ordinator

Mr. Vivian Lobo  
HOD - AIML



<b>Aldel Education Trust's</b>	
<b>St. John College of Engineering and Management, Palghar</b>	
NAAC Accredited with Grade A+	
Department of Computer Science and Engineering (Data Science)	
S.E. Mini-Project 1B   Semester IV   A.Y. 2023-2024   EVEN Semester	

Group No.	PID No.	Roll No.	Student Name	Finalized Title	Guide
1	EU12218020	14	Shivamkumar Kamlesh Maurya	Fund Trail Analyzer	Mrs. Juijly Tarade
	EU1228003	23	Ramanand Rajkumar Rajak		
	EU1228012	21	Deep Rupesh Pimple (Drop)		
	EU1228022	28	Heramba Dharmendra Vinde		
	EU1228023	30	Gracy Rameshchandra Yadav		
2	EU1228031	18	Vratesh Sunil More	Travelgram	Mr. Vivian Lobo
	EU1228001	5	Hiten Shailesh Champanekar		
	EU1228009	1	Ayush Rupesh Ambolkar		
	EU1228013	7	Suraj Ramdular Chauhan		
	EU1228018	15	Keyuri Roshan Meher		
3	EU1228026	2	Mitali Suresh Baniya	Online Voting System	Mrs. Juijly Tarade
	EU1228008	29	Ansh Santosh Yadav		
	EU1228015	9	Rishab Chityala		
	EU1228019	12	Dinesh Muktiprasad Joshi		
	EU1228021	10	Rajat Raju Gupta		
4	EU1228030	6	Kundan Suresh Chaudhary	Movie Recommendation System	Mrs. Rosy Pradhan
	EU1228014	17	Shreya Mrityunjay Mishra		
	EU1228007	31	Pappu Sunil Yadav		
	EU1228002	13	Sharvil Vikas Kore		
	EU1228028	20	Prathamesh Kailas Patil		
5	EU1228032	11	Kaushar Mehboob Halani (Drop)	AI-Generated Image Detection	Mr. Vivian Lobo
	EU1228004	16	Tanish Mhatre		
	EU1228006	25	Tejas Balaram Ruke		
	EU1228010	27	Parth Sawant		
	EU1228027	22	Gaurav Girish Prabhu		
6	EU1228029	24	Rudra Nandkumar Raut	Hospital Management	Mrs. Juijly Tarade
	EU1228011	4	Raj Anant Bari		
	EU1228025	8	Shreyas Ravikant Chavan		
	EU1228005	3	Karan Anant Bari		
	EU1228016	26	Gaurang Vijay Sane		
7	EU1228017	19	Ayush Manoj Pagdhare	Aqua Buddy	Mrs. Abira Banik
	EU2228002	32	Pawan Kumbhar		
	EU2228001	33	Himani Singh		
	EU2228004	34	Prajakta Kumbhar		
	EU2228003	35	Prathamesh Shejwal		
8	EU1228002	19	Ayush Manoj Pagdhare	Fake News Detection	Mr. Vivian Lobo
	EU2228002	32	Pawan Kumbhar		
	EU2228001	33	Himani Singh		
	EU2228004	34	Prajakta Kumbhar		
	EU2228003	35	Prathamesh Shejwal		
9	EU1228017	19	Ayush Manoj Pagdhare	PDF to Audio Converter using Python	Mr. Vivian Lobo
	EU2228002	32	Pawan Kumbhar		
	EU2228001	33	Himani Singh		
	EU2228004	34	Prajakta Kumbhar		
	EU2228003	35	Prathamesh Shejwal		

Mr. Vivian Lobo  
S.E. Mini-Project 1B Co-ordinator

Mr. Vivian Lobo  
HOD - AIML



Aldel Education Trust's	
St. John College of Engineering and Management, Palghar	
NAAC Accredited with Grade A+	
Department of Artificial Intelligence and Machine Learning	
T.E. Mini-Project 2B   Semester VI   A.Y. 2023-2024   EVEN Semester	

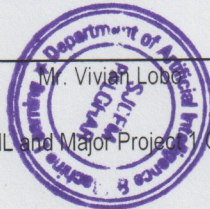
Group No.	PID No.	Roll No.	Student Name	Finalized Title	Guide
1	EU1216012	15	Aman Maurya	Agriculture Drone for Pesticide Spraying	Mr. Vivian Lobo
	EU1216014	9	Kanhaiyalal Gupta		
	EU1216010	29	Tanishq Surati		
2	EU2216006	33	Punit Damani	Virtual AI Mouse	Mrs. Abira Banik
	EU2216002	34	Jay Nikam		
	EU2216001	35	Sakshi Mogre		
4	EU2216005	30	Atharva Patil	Violence Detection System	Mrs. Abira Banik
	EU2216003	31	Devang Vartak		
	EU2216004	32	Mithil Sarode		
5	EU1216007	5	Durvesh Chaudhari	AI OS Automation	Mr. Vivian Lobo
	EU1216018	8	Durgesh Dalvi		
	EU1216015	11	Rupesh Jadhav		
	EU1216021	12	Gaurav Kadam		
6	EU1216028	28	Sanjay Singh	Recepie Recommendation System	Mrs. Rosy Pradhan
	EU1216022	26	Omkar Shinde		
	EU1216002	24	Prathamesh Saste		
7	EU1216020	3	Rutuja Belkare	Book Bank	Mrs. Juily Tarade
	EU1216025	14	Shifa Khan		
	EU1216003	27	Rimi Singh		
8	EU1216017	4	Nidhi Bhamare	Car Detection at Fuel Station	Mr. Vivian Lobo
	EU1216019	17	Shruti Parave		
	EU1216011	20	Ranjeet Rajpurohit		
	EU1216024	18	Harsh Phartiyal		
9	EU1216027	19	Yash Pimple	Predictive Machine Maintenance Modeling	Mrs. Rosy Pradhan
	EU1216008	23	Nilay Sankhe		
	EU1216005	10	Tulip Gupta		
10	EU1216009	2	Tanmay Bari	Gym Management System	Mrs. Juily Tarade
	EU1216013	7	Hrudansh Churi		
	EU1216006	21	Ayush Raut		

Mr. Vivian Lobo  
T.E. Mini-Project 2B Co-ordinator & HOD - AIML



Aidel Education Trust's
St. John College of Engineering and Management, Palghar
(Autonomous Institute)
NAAC Accredited with Grade A+
Department of Artificial Intelligence and Machine Learning
Major Project 1   Semester VII   A.Y. 2024-2025   ODD Semester

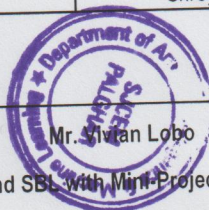
Group No.	PID No.	Roll No.	Student Name	Guide Name
1	EU1216010	31	Tanishq Mahesh Surati	Mr. Vivian Lobo
	EU1216014	9	Kanhaiyalal Gupta	
	EU1216012	14	Aman Maurya	
2	EU1216020	2	Rutuja Belkare	Mrs. Juily Tarade
	EU1216025	13	Shifa Khan	
	EU1216019	17	Shruti Parave	
3	EU1216004	5	Anvay Churi	Mr. Vivian Lobo
	EU1216029	27	Parth Save	
4	EU1216009	1	Tanmay Bari	Mrs. Juily Tarade
	EU1216013	6	Hrudansh Churi	
	EU1216026	23	Sarthak Raut	
5	EU1216007	4	Durvesh Chaudhari	Mrs. Abira Banik
	EU1216018	7	Durgesh Dalvi	
	EU1216015	11	Rupesh Jadhav	
6	EU1216011	21	Ranjeet Rajpurohit	Mrs. Juily Tarade
	EU1216027	20	Yash Pimple	
	EU1216021	12	Gaurav Kadam	
	EU1216002	26	Prathamesh Saste	
7	EU1216005	10	Tulip Gupta	Mrs. Abira Banik
	EU1216017	3	Nidhi Bhamare	
	EU1216003	29	Rimi Singh	
8	EU2216003	32	Devang Vartak	Mr. Vivian Lobo
	EU2216004	25	Mithil Sarode	
	EU2216005	18	Atharva Patil	
9	EU2216006	8	Punit Damani	Mrs. Abira Banik
	EU2216001	15	Sakshi Mogre	
	EU2216002	16	Jay Nikam	
10	EU1216024	19	Harsh Phartiyal	Mrs. Rosy Pradhan
	EU1216022	28	Omkar Shinde	
	EU1216008	24	Nilay Sankhe	
	EU1216028	30	Sanjay Singh	



HOD - AIML and Major Project Co-ordinator

Aidel Education Trust's
St. John College of Engineering and Management, Palghar
(Autonomous Institute)
NAAC Accredited with Grade A+
Department of Computer Science and Engineering (Data Science)
Skill-based Lab with Mini-Project (SBLMP)   Semester V   A.Y. 2024-2025   ODD Semester

Group No.	PID No.	Roll No.	Student Name	Guide Name
1	EU1228022	30	Heramba Vinde	Mrs. Rosy Pradhan
	EU1228003	23	Ramanand Rajak	
	EU1228020	15	Shivamkumar Maurya	
2	EU1228004	17	Tanish Mhatre	Mr. Vivian Lobo
	EU1228006	25	Tejas Ruke	
	EU1228010	27	Parth Save	
3	EU1228023	32	Gracy Yadav	Mrs. Abira Banik
	EU1228031	19	Vratesh More	
	EU1228001	5	Hiten Champanekar	
4	EU1228009	1	Ayush Ambolkar	Mrs. Rosy Pradhan
	EU1228013	7	Suraj Chauhan	
	EU1228026	2	Mitali Baniya	
	EU1228018	16	Keyuri Meher	
5	EU1228030	6	Kundan Chaudhary	Mr. Vivian Lobo
	EU1228014	18	Shreya Mishra	
	EU1228007	33	Pappu Yadav	
6	EU2228004	14	Prajakta Kumbhar	Mrs. Rosy Pradhan
	EU2228003	28	Prathamesh Shejwal	
	EU2228001	13	Pawan Khumbhar	
	EU2228002	29	Himani Singh	
7	EU1228027	22	Gaurav Prabhu	Mrs. Juiy Tarade
	EU1228011	4	Raj Bari	
	EU1228029	24	Rudra Raut	
8	EU1228019	11	Dinesh Joshi	Mrs. Juiy Tarade
	EU1228015	9	Rishabh Chityala	
	EU1228021	10	Rajat Gupta	
	EU1228008	31	Ansh Yadav	
9	EU1228028	21	Prathamesh Patil	Mrs. Abira Banik
	EU1228002	12	Sharvil Kore	
10	EU1228016	26	Gaurang Sane	Mr. Vivian Lobo
	EU1228017	20	Ayush Pagdhare	
	EU1228005	3	Karan Bari	
	EU1228025	8	Shreyas Chavan	



HOD - AIML and SBL with Mini-Project Co-ordinator



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## Department of Electronics and Telecommunication Engineering

### BE EXTC Project Group List

Academic Year 24-25

Group No	Student Name	Roll No	Topic Name	Domain	Guide Name
1	Siddhesh Kishor Keni	3	The Dual Mode IOT Based Trash Collecting Vessel	IOT/Robotics	Dr.P.A.Ghonge
	Kaustubh Pradeep More	4			
	Suraj Satish Patil	8			
	Ankur Banshabhadur Yadav	12			
2	Tanay Sanjay Chaudhary	1	Multipurpose Green House Rover	Robotics/ Embedded	Mrs. Shilpa Katre
	Gaurav Jaywant Namkoda	6			
	Omkar Nayan Raut	10			
	Manav Vaibhav Tare	11			
3	Yash Sanjay Patil	9	Wireless signal Amplification Device	Signal Processing	Mrs. Vishakha Rane
	Shubham Sunil Patil	7			
	Amal Harikumar Nair	5			
	Chirag Dilip Gharat	2			

Mrs. Shilpa Katre

Project Co-ordinator

Dr. Pandharinath Ghonge

HOD of EXTC Department



Principal

St. John College of Engg. & Mgmt  
Palghar (E), Palghar



## Department Of Electronics and Computer Science

### TE-ECS Mini Project List

#### Academic Year 2024-25

Gr.No	Students Name	Roll no	Topic Name	Domain	Guide Name
1	Chaudhari Harsh Suryakant	6	Online Clothes Selling Website	Web Development	Mrs. Meenal Kate
	Lulania Ayaan Imtiyaz	14			
	Banate Suyash Vijay	3			
2	Gowda Ashray Parmeshwar	11	Professional website development for Swayamsiddha a client-based project.	Web Development	Mrs. Meenal Kate
	Chaudhari Sanskar Sanjay	7			
	Mangela Srushti Arun	15			
	Mohite Kautuk Arvind	18			
3	Bal Ayush Akshaya	1	Face Recognition Attendance System	Web Development	Mrs. Meenal Kate
	Gajbhiye Ankit Sanjay	9			
	Gawandi Moiz Ayaz	10			
	More Mrunmay Pramod	19			
4	Bhurki Niraj Santosh	5	Resumeforge	Web Development	Mrs. Meenal Kate
	Mishra Ashutosh Ayodhyanath	17			
	Nagavkar Swayam Sanjay	20			
	Bhoir Dhanashree Ajay	4			
5	Yashashree Panhale	52	Hawkeye: Drone and Unmanned Vehicle Detection System	IoT	Ms. Aishwarya Churi
	Khushi Gupta	46			
	Amit Panda	51			
	Prakhar Das	8			
6	Dhruvika Patil	22	Safe Sphere	IoT	Ms. Aishwarya Churi
	Omkar Poojary	56			
	Sanjeev Pathak	53			



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

	Deep Kale	12			
7	Harsh Raut	30	Cyber Vote: Online Voting System	Web Development	Mrs. Hiral Patel
	Hardik Patil	23			
	Vedant Rana	28			
	Piyush Patil	26			
8	Atharva Varekar	40	Campus3	Web Development	Mrs. Hiral Patel
	Vaishnav Swami	57			
	Punit Verma	41			
	Aishwarya Varekar	39			
9	Ray Abhishek kumar Shivbalak	31	Emergency Route Optimization for Ambulance	Web Development	Mrs. Hiral Patel
	Sharma Utkarsh Anurag	35			
	Sharma Ayush Shitlaprasad	33			
	Patil Hrithik Jatin	24			
10	Singh Aditi Amit	36	E-commerce Tech-Nova Buying Laptops	Web Development	Mrs. Hiral Patel
	Vade Manasvi Satendra	38			
	Sharma Rohit Santosh	34			
	Arya Raut	29			
11	Patil Pranjal Kantilal	54	E-commerce Grocery Website	Web Development	Ms. Aishwarya Churi
	Patil Tejal Dinesh	55			
	Patil Mohit Tukaram	25			
	Prachi Singn	37			
12	Wade Shreyas Hareshwar	42	Ayurvedic Remedies Application	Web Development	Mrs. Hiral Patel
	Yadav Rohit Dayashankar	43			
	Malkar Meet Uttam	49			
	Adhikari Soham Sanjay	1			
13	Davane Yashneil Nagesh	44	Smart Home Automation	IoT	Ms. Aishwarya Churi
	Dhanmeher Labhesh	45			

	Ganesh				
	Mahara Prakash Narbahadur	48			
	Nagargoje Chetan Vishnu	50			
14	Tushar Khodbe	47	Creative Scrap Yard	Web Developm ent	Ms. Aishwarya Churi
	Yash Neve	21			
	Niyati Meher	16			
	Suman Lenka	13			



Ms. Aishwarya Churi  
Mini Project Coordinator



Dr. P. A Ghonge  
HOD- EXTC/ECS




**Principal**

St. John College of Engg. & Mgmt  
Palghar (E), Palghar



**St. John College of Engineering and Management**

**Autonomous Institute**

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

**Department of Information Technology**

**A.Y. 2024-25**

**IOE Lab Mini Projects**

Sr. No	Group No	Name of the Student	Roll No.	Project Title
1	G1	Vaibhavi Hambire	9	Smart Bin: Real time Garbage level tracker with GPS and Alerts
		Apurva Jadhav	10	
		Himani Jain	12	
		Ishika Mandal	27	
2	G2	Kavish Ghag	6	IoT enabled home appliance management
		Yash Kamble	14	
		Bhavesh Kumavat	19	
3	G3	Purva Gawad	5	Automated Facial Identification Security System
		Vaishnavi Kini	18	
		Sanjana Mishra	28	
4	G4	Omkar Jadhav	11	GPS-Enhanced Radar Countermeasure System for Precise Threat Tracking and Troop Coordination
		Sunny Mishra	30	
		Abhishek Poojari	48	
5	G5	Viraj Bamne	2	Web based car parking system
		Ritesh Chaubey	3	
		Surendra Gupta	8	
6	G6	Shweta Gothe	7	Smart school bus monitoring
		Vaishnavi Jodtale	13	
		Kirti P Makre	23	
7	G7	Sumit Mishra	29	Smart Gloves for real-time monitoring and assistance for paralysis Patients
		Adnan Khan	16	
		Kunal Raut	50	
8	G8	Aditya Chauhan	4	Obstacle avoiding & voice control robot for autonomous warehouse navigation system
		Aftab Khan	17	
		Dhruv Mahapure	21	



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

9	G9	Leon Makasare	22	RFID based online transaction using NFC tag reader
		Arkam Malbari	24	
		Hardik Mandale	26	
10	G10	Nikhil Mali	25	Smart Weather Surveillance System
		Manasawa Macchi	20	
		Jiya Agrawal	1	
11	G11	Atul Kapse	15	Real-Time Air Quality and Emission Monitoring Framework
		Vivek Vishwakarma	59	
		Durvesh Raul	49	
12	G12	Riddhi Patil	43	'MineShield': IoT-Enabled Helmet for Coal Worker Protection
		Prachi Thorat	58	
		Sakshi Patil	45	
		Rutuja Patil	44	
13	G13	Aditya Pandey	35	Iot driven menu ordering system
		Hritik Pandey	36	
		Kunal Patil	40	
14	G14	yash pashte	37	IoT based women safety and alerting system.
		samay patel	38	
		bhuvan patil	39	
15	G15	Prachi Raut	51	Wifi Talking Robot for senior citizen
		Rehan Mujawar	32	
		Atharva Walam	60	
16	G16	Richya Patil	42	LPG gas leakage detection and auto cut off Regulator with SMS alert
		Vishruti Sankhe	52	
		Pavan Shinde	53	
		Nupur Thakur	57	
17	G17	Truptesh Tare	56	IoT based driver safety and alerting system.
		Yadnyesh Nawge	34	
		Yatvesh Patil	47	



## St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201

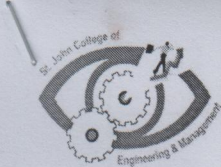


NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

18	G18	Anu Yadav	61	Smart Notice board
		Srushti Patil	46	
19	G19	Jackson Mudaliyar	31	IOT toll booth management system
		Akansh Singh	54	
20	G20	Pranav Nair	33	Fish Tank Oxynator
		Mahesh Tandel	55	
		Piyush Patil	41	

Mr. Sachin Sase  
**Project Coordinator**

Dr. Arun Saxena  
**HOD, IT**



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201

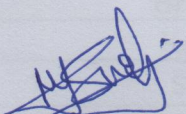


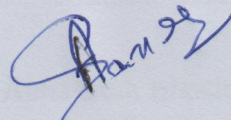
NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

Group No.	Name of Student	Name of Guide
1	Himani Jain	Mrs. Tanvi Patil
	Pranav Nair	
	Leon Makasare	
2	Rutuja Patil	Dr. Arun Saxena
	Prachi Thorat	
	Shweta Gothe	
	Vaishnavi Jodtale	
3	Vaibhavi Hambire	Mrs. Tanvi Patil
	Ishika Mandal	
	Richya Patil	
	Nupur Thakur	
4	Hritik Pandey	Mr. Abhaysinh Bhosle
	Kavish Ghag	
	Sakshi Patil	
5	Ritesh Chaubey	Mrs. Maya Patil
	Viraj Bamne	
	Surendra Gupta	
	Vivek Vishwakarma	
6	Aditya Pandey	Ms. Manthan Surti
	Bhavesh Kumavat	
	Yash Kamble	
7	Anu Yadav	Mrs. Maya Patil
	Sanjana Mishra	
	Srushti Patil	
	Purva Gawad	
8	Jiya Agrawal	Mrs. Maya Patil
	Riddhi Patil	
	Hardik Mandale	
9	Truptesh Tare	Mr. Abhaysinh Bhosle
	Yatvesh Patil	
	Yadnyesh Nawge	
10	Atharva Walam	Dr. Arun Saxena
	Prachi Raut	
	Vaishnavi Kini	
11	Nikhil Mali	Mr. Manthan Surti
	Manaswa Machhi	
	Pavan Shinde	



12	Aditya Chauhan	Mrs. Tanvi Patil
	Atul Kapse	
	Durvesh Raul	
13	Yash Pashte	Mrs. Maya Patil
	Samay Patel	
	Bhuvan Patil	
14	Jackson Mudaliyar	Dr. Arun Saxena
	Akansh Singh	
	Kirti Makre	
15	Piyush Patil	Dr. Arun Saxena
	Arkam Malbari	
	Mahesh Tandel	
16	Sumit Mishra	Mrs. Maya Patil
	Kunal Raut	
	Dhruv Mahapure	
17	Adnan Khan	Mr. Abhaysinh Bhosle
	Aftab Khan	
	Rehan Mujawar	
18	Omkar Jadhav	Mrs. Tanvi Patil
	Sunny Mishra	
	Abhishek Poojari	
19	Kunal Patil	Mrs. Tanvi Patil
	Vishruti Sankhe	
	Apurva Jadhav	

  
 Mr. Manthan Surti  
 B.E. Project Co-ordinator

  
 Dr. Arun Saxena  
 HOD | Information  
 Technology





# **Experiential Learning Sample Internship Lists**



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201

NAAC Accredited with Grade 'A+', Three Programs NBA Accredited



## Department of Information Technology

### Internship Details

#### Academic Year 2024-25

Sr.No	Name of Student	Class	Name of the Course	Duration
1	Kurup Arya Uday	TE	DC Infotech Private Limited	1 month
2	Rogye Abhijeet Pradip	TE	DC Infotech Private Limited	1 month
3	Gaikwad Arya Niyati	TE	Codify Institue	1 month
4	Mudaliar Dhevayani	TE	Codify Institue	1 month
5	Tamhanekar Viraj	TE	Healspan	1 month
6	Akre Dhruvesh Dhananjay	TE	Vertex Systems	1 month
7	Ghadi Aditi Sunil	TE	Chamunda Engineering Works	1 month
8	Gharat Bhargavi Jitendra	TE	TPS	1 month
9	Gharat Devika Dhananjay	TE	TPS	1 month
10	Gargi Patil	TE	Rajveer Industries	1 month
11	Om Ulhas Churi	TE	NPCIL TAPS	1 month
12	Tanmay Manohar Patil	TE	Yash Engineering	1 month
13	Vishwangh Avinash Patil	TE	Yash Engineering	1 month
14	Veer Paresh Gohel	TE	Tech steps services	1 month
15	vivekanand jha	TE	vectors academy	1 month
16	Garvita Sharma	TE	Chankya E- seivces Pvt Ltd	1 month
17	Aditya Pandey	BE	Hacktify Cybersecurity	1 month
18	Purva Gawad	BE	SDAC Infotech	1 month
19	Sanjana Mishra	BE	SDAC	1 month
20	Snehal Ajay Pawar	SE	Branding Catalyst Pvt Ltd.	1 month
21	Wasim Patel	TE	Branding Catalyst Pvt Ltd.	1 month
22	Garvita Sharma	TE	Chanakya E-Services private limited	1 month
23	Chetan Ravindra Khamkar	SE	Tata steel	1 month





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201

NAAC Accredited with Grade 'A+', Three Programs NBA Accredited



24	Parth Mahendra Mhatre	SE	EasyShiksha - Hawkscode	1 month
25	Piyush balasaheb kadam	SE	Techustad	1 month
26	Manasvi Kadu	SE	Micro information technology services	1 month
27	Yadav Akash	SE	Nuclear Power Corporation of India Ltd. Tarapur Maharashtra Site	1 month
28	Aditya Rajkishore Thakur	SE	Nuclear Power Corporation of India Ltd. Tarapur Maharashtra Site	1 month
29	Atharva Atul Shasane	SE	Plasmid Innovation	1 month
30	Abhijeet Pradip Rogye	TE	DC Infotech Private Limited	1 month
31	Vidhi Singh	TE	Golden Bird Education	1 month
32	Ayare Pranay Vijay Sanjivani	SE	Tech Ustaad	15 days
33	Bane Komal Shantaram Sarita	SE	Tech Ustaad	15 days
34	Bari Vishit Ajit Aachal	SE	Tech Ustaad	15 days
35	Bari Devesh Anant Anita	SE	Tech Ustaad	15 days
36	Bhanushali Janhavi Sujit Kavita	SE	Tech Ustaad	15 days
37	Bist Meena Keshav Bindu	SE	Tech Ustaad	15 days
38	Chaudhari Vismit Deepak Rekha	SE	Tech Ustaad	15 days
39	Dawane Vaishnavi Somnath Kalavati	SE	Tech Ustaad	15 days
40	Debnath Palash Pradeep Jhuma	SE	Tech Ustaad	15 days
41	Desai Ayush Chetan Nita	SE	Tech Ustaad	15 days
42	Deshmukh Shivam Rajabhau Vijaya	SE	Tech Ustaad	15 days
43	Dhandare Hiteshi Sudesh Priya	SE	Tech Ustaad	15 days





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

44	Dongare Manmit Sachin Nita	SE	Tech Ustaad	15 days
45	Dubey Adarsh Rakesh Rekha devi	SE	Tech Ustaad	15 days
46	Dudhara Raj Pritesh Falguni	SE	Tech Ustaad	15 days
47	Dwivedi Anurag Pravin Nitu	SE	Tech Ustaad	15 days
48	Fernandes Janelle Joseph Janet	SE	Tech Ustaad	15 days
49	Gawli Anurag Ramchandra Sujata	SE	Tech Ustaad	15 days
50	Gupta Raj Mantu Shanti	SE	Tech Ustaad	15 days
51	Gupta Vishal Dinanath Satyabhama	SE	Tech Ustaad	15 days
52	Gupta Rahul Dilip Anita	SE	Tech Ustaad	15 days
53	Gupta Aman Radheshyam Pragya	SE	Tech Ustaad	15 days
54	Jena Jagdish Pravakar Mithu	SE	Tech Ustaad	15 days
55	Kadam Piyush Balasaheb Vaishali	SE	Tech Ustaad	15 days
56	Khan Farhan Ayyub Shahla	SE	Tech Ustaad	15 days
57	Khot Atharva Ravindra Sujata	SE	Tech Ustaad	15 days
58	Kolwankar Shree Sandesh Ruchi	SE	Tech Ustaad	15 days
59	Kudu Nilakshi Naresh Late namrata	SE	Tech Ustaad	15 days
60	Kumhar Sanjaykumar Mukesh Neeta	SE	Tech Ustaad	15 days
61	Lad Deep Shantilal Bhavina	SE	Tech Ustaad	15 days
62	Mali Shrey Kiran Mamta	SE	Tech Ustaad	15 days
63	Mane Kedarnath Prakash Jaya	SE	Tech Ustaad	15 days
64	Meher Mohit Bhuneshwar Bharati	SE	Tech Ustaad	15 days





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201

NAAC Accredited with Grade 'A+', Three Programs NBA Accredited



65	Mishra Aashnarayan Shaligram Sunita	SE	Tech Ustaad	15 days
66	Mishra Aayush Gangaram Meera	SE	Tech Ustaad	15 days
67	Mishra Bhavesh Rakesh Rekha	SE	Tech Ustaad	15 days
68	More Soham Sanjay Kavita	SE	Tech Ustaad	15 days
69	More Nehal Manish Vaishali	SE	Tech Ustaad	15 days
70	More Soham Vijay Vrushali	SE	Tech Ustaad	15 days
71	Nair Prithviraj Jinarajan Harshala	SE	Tech Ustaad	15 days
72	Patil Prasad Anil Sangita	SE	Tech Ustaad	15 days
73	Patil Srushti Nitin Priti	SE	Tech Ustaad	15 days
74	Patil Sharvil Mandar Vrushali	SE	Tech Ustaad	15 days
75	Patil Vedija Milind Manaswi	SE	Tech Ustaad	15 days
76	Patil Vismay Suresh Smita	SE	Tech Ustaad	15 days
77	Patil Yash Manohar Manisha	SE	Tech Ustaad	15 days
78	Patil Dhiraj Kamalakar Kranti	SE	Tech Ustaad	15 days
79	Patil Raj Mahendra Mansi	SE	Tech Ustaad	15 days
80	Pillai Adithya Chandrasekhar Sreeja	SE	Tech Ustaad	15 days
81	Rajput Sundarsingh Keshrsingh Devalibai	SE	Tech Ustaad	15 days
82	Raut Jeet Mahesh Rakhee	SE	Tech Ustaad	15 days
83	Sarvagode Sharon Kuldip Disha	SE	Tech Ustaad	15 days
84	Shaikh Adnan Mobin Kareema	SE	Tech Ustaad	15 days
85	Sharma Aditya Shambhu Sunita	SE	Tech Ustaad	15 days
86	Singh Aaditya Ashok	SE	Tech Ustaad	15 days





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201

NAAC Accredited with Grade 'A+', Three Programs NBA Accredited



	Chanchla			
87	Tamore Purvi Kiran Archana	SE	Tech Ustaad	15 days
88	Thakur Sarthak Gaurav Gautami	SE	Tech Ustaad	15 days
89	Tiwari Rohit Ajeet Seema	SE	Tech Ustaad	15 days
90	Udavant Dhiraj Sunil Shilpa	SE	Tech Ustaad	15 days
91	Yadav Devanshoo Devendra Chinta	SE	Tech Ustaad	15 days
91	Yadav Kishan Manraj Manraji	SE	Tech Ustaad	15 days
93	Singh Vidhi Vinay Geeta	TE	Campus Credentials	15 days
94	Pandey Aayush Dhananjay Priyanka	TE	Campus Credentials	15 days
95	Dangi Ambalal Bhairulal Rukhmani	TE	Campus Credentials	15 days
96	Dubey Aryan Sachidanand Sangita	TE	Campus Credentials	15 days
97	Kasekar Aryan Gajanan Siddhi	TE	Campus Credentials	15 days
100	Raut Ayush Manoj Darshana	TE	Campus Credentials	15 days
101	Dhare Dakshesh Sandeep (Late) Shubhangi	TE	Campus Credentials	15 days
102	Bari Dharmik Sanjay Sunita	TE	Campus Credentials	15 days
103	Mali Digvijay Nitin Yogini	TE	Campus Credentials	15 days
104	Shirodkar Dipesh Vilas Vinaya	TE	Campus Credentials	15 days
105	Raut Disha Sanjay Netra	TE	Campus Credentials	15 days
106	Sharma Garvita Sanjay Neeru	TE	Campus Credentials	15 days
107	Jain Harsh Shantilal Dimple	TE	Campus Credentials	15 days
108	Nimbare Harsh Sadanand Namrata	TE	Campus Credentials	15 days





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201

NAAC Accredited with Grade 'A+', Three Programs NBA Accredited



109	More Jignesh Satish Samidha	TE	Campus Credentials	15 days
110	Harad Kunal Mahesh Minal	TE	Campus Credentials	15 days
111	Kanojia Neeraj Santosh Manju	TE	Campus Credentials	15 days
112	Sharma Nikhil Kamlesh Santosh	TE	Campus Credentials	15 days
113	Tamore Nimisha Dhiraj Sugandha	TE	Campus Credentials	15 days
114	Shingare Om Pandurang Sindhu	TE	Campus Credentials	15 days
115	Chaudhary Palak Deepak Poonam	TE	Campus Credentials	15 days
116	Purohit Pavan Bhagwatilal Charulekha	TE	Campus Credentials	15 days
117	Jangale Piyush Ashok Kashiganga	TE	Campus Credentials	15 days
118	Mishra Piyush Anil kumar Chhama devi	TE	Campus Credentials	15 days
119	Jha Prabhat Dilip Lalita	TE	Campus Credentials	15 days
120	Dhatavkar Prathamesh Sandesh Anita	TE	Campus Credentials	15 days
121	Gharat Prit Virendra Vaibhavi	TE	Campus Credentials	15 days
122	Pandey Priyanshu Sushil kumar Brijbala	TE	Campus Credentials	15 days
123	Prajapati Ramsuraj Ramyag Sheeladevi	TE	Campus Credentials	15 days
124	Dubey Ritish Vinod Nisha	TE	Campus Credentials	15 days
125	Patil Sakshi Devendra Pratibha	TE	Campus Credentials	15 days
126	Upadhyay Shanya Thakurprasad Sunita	TE	Campus Credentials	15 days
127	Upadhyay Sharvareesh Girishchandra Poonam	TE	Campus Credentials	15 days





# St. John College of Engineering and Management

Autonomous Institute  
(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE


DTE Code : 3218 AICTE Permanent ID : 1-4790201

NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

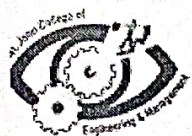


128	Prabhu Shreyas Raghuv Reshma	TE	Campus Credentials	15 days
129	Pillai Suryanarayan Pushpakumar Sreeja	TE	Campus Credentials	15 days
130	Khan Taiyyaba Ilyasahmed Shahda	TE	Campus Credentials	15 days
131	Nijai Gargi Virendra Varsha	TE	Campus Credentials	15 days
132	Bansode Nikita Saibanna Sarika	TE	Campus Credentials	15 days
133	Gupta Raviprakash Dharmendra Sushila devi	TE	Campus Credentials	15 days
134	Bari Tejas Kiran Shilpa	TE	Campus Credentials	15 days
135	Patel Tirth Vinesh Snehal	TE	Campus Credentials	15 days
136	Gohel Veer Pares Darshana	TE	Campus Credentials	15 days
137	Jha Vivekanand Birendra Aasha	TE	Campus Credentials	15 days
138	Mohite Yuvraj Rajesh Vaishali	TE	Campus Credentials	15 days
139	Girane Prathamesh Chandu Chaitali	TE	Campus Credentials	15 days
140	Lokhande Rutuja Ganesh Sonali	TE	Campus Credentials	15 days
141	Angchekar Siddhi Surendra Sanjana	TE	Campus Credentials	15 days
142	Patel Wasim Ashik Jabin	TE	Campus Credentials	15 days
143	Poonam Murli Gupta	TE	Campus Credentials	15 days

  
Internship Coordinator  
(Manthan Surti)

  
HOD IT  
(Dr. Arun Saxena)





Aldel Education Trust's  
**St. John College of Engineering and Management, Palghar**

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai/MSBTE  
St. John Technical Campus, Vevoor, Manor Road, Palghar (E), Dist. Palghar, Maharashtra-401404  
NAAC Accredited with Grade 'A+'



**Department of Computer Engineering**

**Internship Details AY-2024-25**

Sr. No	Name of the Student	Year /Div	Name of Company	Company Address( Location)	Mode of Internship	From(Date)	To(Date)	Duration(In Days)
1	Vishwajeet Gupta	TE-B	PerfectRank Pvt. Ltd.	Mumbai	Offline	20/05/2025	20/07/2025	62
2	Devank Mhatre	TE-A	GCO Technology Pvt. Ltd.	Mumbai	Offline	20/05/2025	20/07/2025	62
3	Dev Sarkar	TE-A	AGAMI Construction Pvt. Ltd.	Boisar	Offline	19/05/2025	19/06/2025	32
4	Harshita Gharat	TE-A	GCO Technology	Borivali	Offline	20/05/2025	20/07/2025	62
5	Aayush Bari	TE-A	Brandworks Tecnology Pvt. Ltd.	Vasai	Offline	15/05/2025	24/06/2025	41
6	Deepak Jaiswar	TE-B	PerfectRank	Mumbai	Offline	20/05/2025	20/07/2025	62
7	Rohit Gadai	TE-B	ShitaKshay Consultancy Pvt. Ltd.	Boisar	Offline	19/05/2025	21/06/2025	34
8	Riya Kawli	TE-A	Binarycorp Pvt. Ltd.	Vasai	Offline	21/05/2025		31



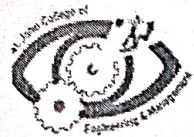
**St. John College of Engineering and Management, Palghar**

(A Christian Religious Minority Institution)

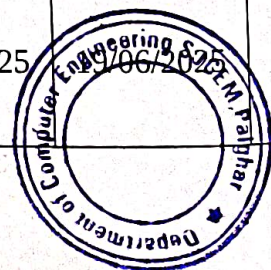
Approved by AICTE and DTE, Affiliated to University of Mumbai/MSBTE

St. John Technical Campus, Vevoor, Manor Road, Palghar (E), Dist. Palghar, Maharashtra-401404

NAAC Accredited with Grade 'A+'



Sr. No	Name of the Student	Year /Div	Name of Company	Company Address( Location)	Mode of Internship	From(Date)	To(Date)	Duration(In Days)
9	Arin Yadav	TE-B	Omvester Enterprise Pvt. Ltd.	Dahanu	Offline	22/05/2025	22/07/2025	62
10	Florelle Fernandes	TE-A	Cinestaan Digital Pvt. Ltd.	Mumbai	Offline	19/05/2025	18/06/2025	31
11	Hardik Pimple	TE-B	ShitaKshay Consultancy Pvt. Ltd.	Boisar	Offline	19/05/2025	21/06/2025	34
12	Prathamesh Yandolli	TE-B	Arthsava Pvt. Ltd.	Mumbai	Offline	9/05/2025	9/06/2025	32
13	Rohit Badavate	TE-B	Unovative Pvt. Ltd.	Mumbai	Offline	17/05/2025	17/06/2025	32
14	Sagar Pandit	TE-B	Shree Engineering Service Pvt. Ltd.	Mumbai	Offline	20/05/2025	20/06/2025	32
15	Omkar Nikam	TE-A	Solutions India Systems Pvt Ltd	Andheri	Offline	20/05/2025	19/06/2025	31
16	Sujal Mujawar	TE-A	Chaitanya Printers Pvt. Ltd.	Boisar	Offline	20/05/2025	19/06/2025	31



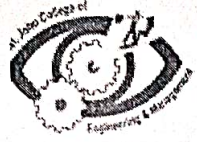
**St. John College of Engineering and Management, Palghar**

(A Christian Religious Minority Institution)

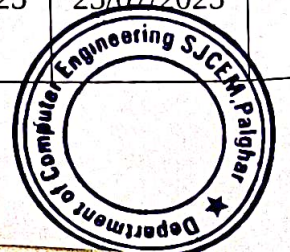
Approved by AICTE and DTE, Affiliated to University of Mumbai/MSBTE

St. John Technical Campus, Vevoor, Manor Road, Palghar (E), Dist. Palghar, Maharashtra-401404

NAAC Accredited with Grade 'A+'



Sr. No	Name of the Student	Year /DIv	Name of Company	Company Address( Location)	Mode of Internship	From(Date)	To(Date)	Dur atio n(In Day s)
17	Lalit Singh	TE-A	Chaitanya Printers Pvt. Ltd.	Boisar	Offline	20/05/2025	19/06/2025	31
18	Sayyed Mohammad Shoaib	TE-A	Hindustan Enterprises Pvt. Ltd.	Boisar	Offline	20/05/2025	20/06/2025	32
19	Aaditya Kandekar	TE-A	Chaitanya Offset Printers	Boisar	Offline	20/05/2025	19/06/2025	31
20	Vrushal Patil	TE-A	The Crowners Pvt. Ltd.	Vapi	Online	19/05/2025	19/06/2025	32
21	Gaurav Pale	TE-A	S.S. Interior Pvt. Ltd.	Mumbai	Offline	19/05/2025	19/06/2025	32
22	Siddhi Akre	TE-B	Arcline Enterprise Pvt Ltd	Palghar	Offline	20/05/2025	20/06/2025	32
23	Shravani Lawand	TE-A	Aviraj Innovation Pvt Ltd	Satara	Online	20/05/2025	20/06/2025	32
24	Aryan Patil	TE-A	Orient Technologies Limited	Mumbai	Offline	26/05/2025	25/07/2025	61



**St. John College of Engineering and Management, Palghar**

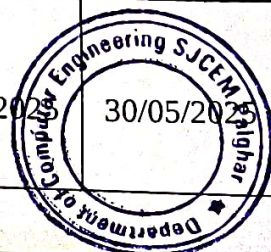
(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai/MSBTE

St. John Technical Campus, Vevoor, Manor Road, Palghar (E), Dist. Palghar, Maharashtra-401404

**NAAC Accredited with Grade 'A+'**

Sr. No	Name of the Student	Year /Div	Name of Company	Company Address( Location)	Mode of Internship	From(Date)	To(Date)	Duration(In Days)
25	Akshay Singh	TE-B	The Wedding Boys Pvt. Ltd.	Mumbai	Offline	20/05/2025	20/07/2025	62
26	Kshitij Dalvi	TE-A	Solutions India Systems Pvt Ltd.	Andheri	Offline	20/05/2025	19/06/2025	31
27	Dhiraj Chaudhari	TE-A	The Crowners Pvt Ltd.	Vapi	Offline	19/05/2025	19/06/2025	32
28	Snehal Jundhare	TE-A	NPCIL	Boisar	Offline	26/05/2025	26/06/2025	32
29	Sayali Bhate	TE-A	NPCIL	Boisar	Offline	26/05/2025	26/06/2025	32
30	Kshitija Vade	TE-A	NPCIL	Boisar	Offline	26/05/2025	26/06/2025	32
31	Riddhi Verma	TE-B	D'Decor Exports Pvt. Ltd	Boisar	Offline	30/04/2025	30/05/2025	31
32	Priya Singh	TE-B	D'Decor Exports Pvt. Ltd	Boisar	Offline	30/04/2025	30/05/2025	31
33	Karan Choudhary	TE-B	D'Decor Exports Pvt. Ltd	Boisar	Offline	30/04/2025	30/05/2025	31





Sr. No	Name of the Student	Year /Div	Name of Company	Company Address( Location)	Mode of Internship	From(Date)	To(Date)	Dur atio n(In Day s)
34	Mahek Gupta	TE-B	Micro IT Pvt. Ltd	Haryana	Online	15/05/2025	15/06/2025	32
35	Manav Vartak	TE-B	IOFT Pvt. Ltd	Mumbai	Offline	19/05/2025	19/08/2025	93
36	Neel Pawaskar	SE-A	Grade Infotech Pvt Ltd	Ratnagiri	Online	01/06/2025	30/06/2025	30
37	Vedant Manake	SE-A	Bajaj Electrical Ltd	Mumbai	Offline	16/05/2025	15/06/2025	31
38	Saurabh Vanjari	SE-A	Robota Classroom & Solution Pvt. Ltd.	Pune	Online	18/05/2025	01/06/2025	15
39	Jeevan Bhandare	SE-A	Indradeep Information Technologies Pvt. Ltd.	Sangli	Online	25/05/2025	24/06/2025	31
40	Sanjiv Prajapati	SE-A	Robota Classroom & Solution Pvt. Ltd.	Pune	Online	19/05/2025	03/06/2025	16
41	Pushpendra Yadav	SE-A	Robota Classroom & Solution Pvt. Ltd.	Pune	Online	19/05/2025	03/06/2025	16



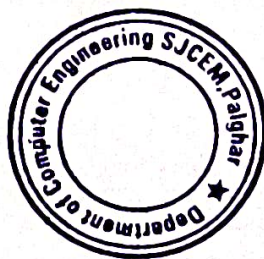
Sr. No	Name of the Student	Year /Div	Name of Company	Company Address( Location)	Mode of Internship	From(Date)	To(Date)	Dur atio n(In Day s)
42	Urvi Khandelwal	SE-A	Micro IT Pvt. Ltd.	Haryana	Online	15/05/2025	15/06/2025	32
43	Royal Kurmi	SE-A	Micro IT Pvt. Ltd.	Haryana	Online	15/05/2025	15/06/2025	32
44	Nitin Maskar	SE-A	Micro IT Pvt. Ltd.	Haryana	Online	15/05/2025	15/06/2025	32
45	Neha Parab	SE-A	Micro IT Pvt. Ltd.	Haryana	Online	15/05/2025	15/06/2025	32
46	Aaryan Bardhan	SE-A	Kesari Pvt. Ltd.	Mumbai	Offline	02/06/2025	31/08/2025	91

  
 Mr. Ajay R. Sirsat

Dept. Internship Coordinator

  
 Dr. Sunny Sall

Head Of Department



# PerfectRank

G-9 Purab Heights, Charni Road East,  
Girgaon, Mumbai, Maharashtra 400004

---

Date : 17/05/2025

Dear Vishwajeet Ramanujan Gupta,

Further to the interview and discussions you have had with us, it is our pleasure to extend an offer of employment to you. You are appointed to the position of a full-time intern front-end developer in our company PerfectRank.

As mutually agreed your date of joining will be 20/05/2025.

The offer of employment is conditional to our routine reference and background verification being completed with satisfactory results.

Stipend: Rs.6,000 per month.

Tenure: 2 months.

Long leaves for examinations, etc will not be counted.

Note: The contents of this letter are confidential and should not be used as a tool for negotiating employment terms with any other organization.

Kindly mention the requisite details of your personal bank account as stated below -

- Full Name
- Bank Name
- Bank Branch
- Bank Branch Address
- Bank Account Number
- IFSC Code

#### Other important details:

- Probation Period - 2 weeks
- Leaves for examinations, practicals, vacations have to be informed at least 2 weeks in advance.
- Qualitative deduction in stipend can happen in case of premature conclusion or reduction in hourly commitment.

If you have any queries, feel free to contact Anurag Gupta at 9049622943

Best Regard,  
Manish Kadam  
Co-Founder - PerfectRank

*contact*



## INTERNSHIP AGREEMENT

This Internship Agreement is made and entered into on this 05 day of May 2025, by and between:

**Company Name:** GCO Technology Center Pvt Ltd  
**Company Address:** B-101, Western Edge II, Off Western Express Highway,  
Magathane, Borivali (East) Mumbai – 400066  
**Contact Information:** 022-49639172

(hereinafter referred to as the "Company")

AND

**Intern Name :** Devank Kalpesh Mhatre

(hereinafter referred to as the "Intern")

WHEREAS, the Company agrees to provide the Intern with practical work experience to complement their academic learning;

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the parties agree as follows:

### 1. INTERNSHIP PERIOD

The Intern shall work with the Company for a period of **two (2) months**, commencing from **20-May-2025** and concluding on **20-Jul-2025**.

### 2. STIPEND

The Company shall provide the Intern with a stipend of **INR 5,000 (Five Thousand Rupees)** per month for the duration of the internship. This stipend shall be paid on a monthly basis.

### 3. DUTIES AND RESPONSIBILITIES

The Intern shall be assigned to the role of **Software Developer Intern** and will be responsible for performing tasks and assignments as directed by their supervisor, which may include but are not limited to:

- Writing, testing, and debugging software code.
- Assisting in software development projects.
- Collaborating with team members on various tasks.
- Learning and applying new technologies as needed.

### 4. CONFIDENTIALITY

The Intern agrees to keep all proprietary and confidential information of the Company strictly confidential and not disclose it to any third party during or after the internship period.



**GCO Technology Center Pvt Ltd**

B-101, Western Edge II, Off Western Express Highway, Magathane, Borivali (East) Mumbai – 400066  
[www.gcotechcenter.com](http://www.gcotechcenter.com)



May 05, 2025

Dear Mr. Dev Sarakar  
Gajanan Sai Apartments  
Opposite Kamla Park, 001, B-Wing, Phase-3  
Mahim Road  
Palghar - 401 404

We are pleased to offer you an internship in our organization as a "Summer Intern". Your gross stipend will be Rs.7,000/- per month. The organization will be making the necessary statutory deductions as applicable from the above mentioned stipend amount.

Your internship duration will be from May 19, 2025 to June 19, 2025.  
You will be working with us from Monday to Saturday from 10:00am to 7:00pm.

Your base job location will be as follows:-

~~Agami Construction~~  
~~The Eden Club~~  
Eco Eden City  
Survey No 113, /1, Village Khaire,  
JK Irani Road  
Boisar (East)  
Pin Code: 401 501

However you are liable to be transferred to any place or office of the Company or to any site based on the business requirements.

This internship offer is subject to your tendering attested copies of the following documents on joining:

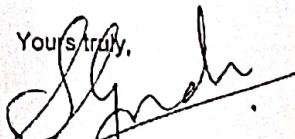
1. Two passport size photographs.
2. Photo Id and residential address proof. (Pan Card, Election Card, Aadhar Card, Passport, Electricity Bill etc)

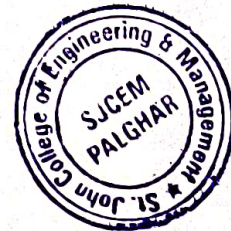
You shall not consider yourself as a permanent employee of the company. You will not receive any of the employee benefits that a regular employee receives. Making you a permanent employee of the company will be solely left to the discretion of the management based upon your performance.

In case of breach of any rules that may be in force from time to time, or of any misconduct or if your performance is not as per the expected standards, your services are terminable with immediate effect. In such an event, it would not be necessary for the Company to give you any notice or stipend whatsoever.

I hope that your association with the Company will be successful and rewarding.  
Please sign the duplicate copy of this letter as a token of your acceptance within 48 hours of receiving it, failing which our offer of internship stands cancelled.

Yours truly,

  
Mr. Sali Gadre  
Authorized Signatory  
Agami Construction



AGAMI CONSTRUCTION

38/1993, Vakratunda CHS Ltd., Gandhi Nagar, Service Road, Bandra (East) Mumbai - 400051 | Tel - 91 22 26132081 | Web - www.agami.co.in

## INTERNSHIP AGREEMENT

This Internship Agreement is made and entered into on this 05 day of May 2025, by and between:

**Company Name:** GCO Technology Center Pvt Ltd  
**Company Address:** B-101, Western Edge II, Off Western Express Highway,  
Magathane, Borivali (East) Mumbai – 400066  
**Contact Information:** 022-49639172

(hereinafter referred to as the "Company")

AND

**Intern Name :** Harshita Vijay Gharat

(hereinafter referred to as the "Intern")

WHEREAS, the Company agrees to provide the Intern with practical work experience to complement their academic learning;

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the parties agree as follows:

### 1. INTERNSHIP PERIOD

The Intern shall work with the Company for a period of two (2) months, commencing from 20-May-2025 and concluding on 20-Jul-2025.

### 2. STIPEND

The Company shall provide the Intern with a stipend of INR 5,000 (Five Thousand Rupees) per month for the duration of the internship. This stipend shall be paid on a monthly basis.

### 3. DUTIES AND RESPONSIBILITIES

The Intern shall be assigned to the role of **Software Developer Intern** and will be responsible for performing tasks and assignments as directed by their supervisor, which may include but are not limited to:

- Writing, testing, and debugging software code.
- Assisting in software development projects.
- Collaborating with team members on various tasks.
- Learning and applying new technologies as needed.

### 4. CONFIDENTIALITY

The Intern agrees to keep all proprietary and confidential information of the Company strictly confidential and not disclose it to any third party during or after the internship period.

**GCO Technology Center Pvt Ltd**

B-101, Western Edge II, Off Western Express Highway, Magathane, Borivali (East) Mumbai – 400066  
[www.gcotechcenter.com](http://www.gcotechcenter.com)

NO: U242505MH023BPK

To,  
Aayush Bari  
Palghar, Maharashtra

Date: 10/05/2025

**Subject: Offer Letter for Machine Learning Internship**

Dear Aayush Bari,

We are delighted to offer you the position of Machine Learning Intern with Brandworks Technologies Private Limited, Vasai. Your good academic record and interest in artificial intelligence impressed us while shortlisting, and we are eager to welcome you onboard.

Your internship is slated to commence on **May 15, 2025**, and will end on **June 24, 2025**. For a period of one month, you will be oriented with core machine learning workflows, get hands-on exposure to real-time data, and get involved in short development sprints with our core technology team. This internship will take place **offline at our Vasai office** and is aimed at providing you with a hands-on experience in an open, tech-enabled environment.

We believe that this opportunity will enable you to bridge theory to practice on real-world problems, develop problem-solving capabilities, and enhance your knowledge of machine learning models, tools, and techniques.

You will be paid a **stipend of ₹5000** on successful completion of the internship. Payment will be made after your final assessment and submission of the tasks assigned to you. Specific terms and conditions for your internship duties and behavior will be explained on your joining date.

We welcome the energy and new ideas you will bring to our team. Congratulations once again on your selection, and welcome to Brandworks.

Regards,  
Mr. Nirant Raut,  
HR Department,  
Brandworks Technologies Pvt. Ltd.  
Contact: +91 8369257260



# PerfectRank

G-9 Purab Heights, Charni Road East,  
Girgaon, Mumbai, Maharashtra 400004

---

Date : 17/05/2025

Dear Deepak Indrajeet Jaiswar,

Further to the interview and discussions you have had with us, it is our pleasure to extend an offer of employment to you. You are appointed to the position of a full-time intern front-end developer in our company PerfectRank.

As mutually agreed your date of joining will be 20/05/2025.

The offer of employment is conditional to our routine reference and background verification being completed with satisfactory results.

Stipend: Rs.6,000 per month.

Tenure: 2 months.

Long leaves for examinations, etc will not be counted.

Note: The contents of this letter are confidential and should not be used as a tool for negotiating employment terms with any other organization.

Kindly mention the requisite details of your personal bank account as stated below -

- Full Name
- Bank Name
- Bank Branch
- Bank Branch Address
- Bank Account Number
- IFSC Code

#### Other important details:

- Probation Period - 2 weeks
- Leaves for examinations, practicals, vacations have to be informed at least 2 weeks in advance.
- Qualitative deduction in stipend can happen in case of premature conclusion or reduction in hourly commitment.

If you have any queries, feel free to contact Anurag Gupta at 9049622943

Best Regard,  
Manish Kadam  
Co-Founder - PerfectRank

Contact No :-





# Shitakshay Consultancy

## Shitakshay Consultancy

720, Ambedkar Nager Pam, Boisar, Tal/Dist- Palghar 401501  
Phone: 8390039082 | Email: [info@shitakshayconsultancy.com](mailto:info@shitakshayconsultancy.com)  
Website: [www.shitakshayconsultancy.com](http://www.shitakshayconsultancy.com)

Date: 16-May-2025

To,  
Rohit Gadai

TE

*Subject: Internship Offer for the Position of Trainee Engineer*

Dear Rohit,

We are pleased to offer you the position of Trainee Engineer (Intern) at Shitakshay Consultancy. We were impressed with your qualifications and enthusiasm and are confident that you will make a positive contribution during your time with us.

Please find the details of your internship below:

Position: Trainee Engineer (Intern)

Internship Duration: [19-May-2025] to [21-Jun-2025]

Location: 720, Ambedkar Nager Pam, Boisar, Tal/Dist- Palghar 401501

Stipend: Rs. 5000 per month

Working Hours: Monday to Friday, 9:30 AM – 4:30 PM

Reporting To: Sushil Kadam

This internship is designed to provide you with practical experience and exposure to real-world engineering challenges.



8390039082



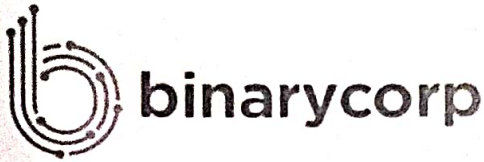
[info@shitakshayconsultancy.com](mailto:info@shitakshayconsultancy.com)



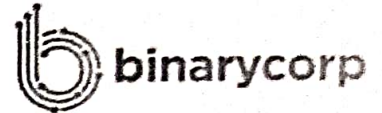
720, Ambedkar Nagar, Pam, Boisar 401501



[www.shitakshayconsultancy.com](http://www.shitakshayconsultancy.com)



[www.binarycorp.in](http://www.binarycorp.in)



May 19<sup>th</sup>, 2025.

Riya Vikas Kawli,  
Matruchaya, Wadlewadi  
Chalpeth, Virar West,  
Opp. Telephone Exchange,  
Palghar, 401301

BE

Dear Riya,

With reference to the application and subsequent interview we had, we are very pleased to offer you the position of 'UI/UX Intern' at Binarycorp Technologies LLP, on the Terms and Conditions verbally agreed with you during the interview. This will be a one-month paid internship, starting from 21<sup>st</sup> May, 2025 to 20<sup>th</sup> June, 2025 and you will receive a monthly compensation of INR 5000 (Five Thousand) for this role. In this role, you will report directly to Vishal Singh, Co-founder of Binarycorp Technologies.

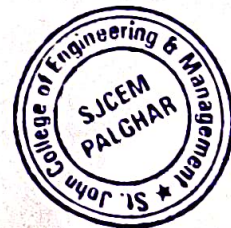
Kindly go through the Terms & Conditions listed in the subsequent section, and confirm your joining date. In case if you fail to report for duty on the agreed joining date, unless otherwise agreed in written, the offer shall stand automatically withdrawn and will be null and void.

Please sign a copy of this offer letter as a token of your acceptance of employment, and send it over to us by 20<sup>th</sup> May, 2025 before close of business.

Regards,

A handwritten signature in black ink, appearing to read 'Smit K'.

Smit K  
Founder, Binarycorp Technologies LLP.





## Omvester Enterprise Pvt. Ltd.

Office No-105, Omkar City, Dahanu

Phone: +91 70587 90289 | Email: omsahane201@gmail.com

Date: 18/05/2025

Dear,  
Aarin Yadav

AE

We would like to congratulate you on being selected for the Financial analyst Internship position with Omvester Enterprise Private Ltd, We at Omvester Enterprise pvt Ltd. are excited that you will join our team.

The duration of the internship will be of 8 weeks starting from 22th May, 2025 To 22th July, 2025. The internship is an educational opportunity for you hence the primary focus is on learning and developing new skills and gaining hands-on knowledge. We believe that you will perform all your tasks/projects.

As an intern we expect you to perform all assigned tasks to the best of your ability and follow any lawful and reasonable instructions provide to you.

Stipend for internship will be Rs 5500 and it will be full time onsite internship looking forward to working with you and helping you achieve your career goals.

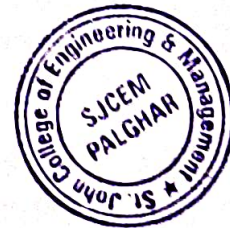
By accepting this offer, you commit to executing assigned tasks diligently and ensuring excellence in all aspects of your work.

Best of Luck!

Thank You!

OMVESTER ENTERPRISE PVT. LTD.

  
DIRECTOR(S)/AUTH. SIGNATORY





THE HOME OF INDIAN CINEMA

May 15, 2025

To,

**Ms. Florelle Fernandes**  
Vrindavan Kunj B-66  
Mittal Enclave  
St. Mary's Road  
Naigaon East (401208)

TE

### INTERNSHIP OFFER LETTER

Dear Florelle,

It is my pleasure to inform that you have been selected for an internship in Engineering department for Web Development at Art of Tech consulting a brand of Cinestaan Digital Pvt Ltd.

This will commence from day, 19th May' 25 for a period of one (01) months (till 18th June'25).

As discussed, during this internship you will be paid a stipend of Rs. 5,000 per month.

Please sign and return the duplicate copy of this letter as a token of your acceptance.

Kindly submit below documents.

1. Education certificates
2. Internship requirement letter by your institute (if applicable)
3. Address proof
4. Passport size photograph
5. Bank details

For Cinestaan Digital Pvt Ltd



**Archana C Naik**  
Head – People & Culture

I, Florelle Fernandes, hereby accept the extended term of the contract.

Accepted:

  
Florelle Fernandes



# Shitakshay Consultancy

## Shitakshay Consultancy

720, Ambedkar Nager Pam, Boisar, Tal/Dist- Palghar 401501  
Phone: 8390039082 | Email: [info@shitakshayconsultancy.com](mailto:info@shitakshayconsultancy.com)  
Website: [www.shitakshayconsultancy.com](http://www.shitakshayconsultancy.com)

Date: 16-May-2025

TE

To,  
Hardik Vipin Pimple

*Subject: Internship Offer for the Position of Trainee Engineer*

Dear Hardik,

We are pleased to offer you the position of Trainee Engineer (Intern) at Shitakshay Consultancy. We were impressed with your qualifications and enthusiasm and are confident that you will make a positive contribution during your time with us.

Please find the details of your internship below:

Position: Trainee Engineer (Intern)

Internship Duration: [19-May-2025] to [21-Jun-2025]

Location: 720, Ambedkar Nager Pam, Boisar, Tal/Dist- Palghar 401501

Stipend: Rs. 5000 per month

Working Hours: Monday to Friday, 9:30 AM – 4:30 PM

Reporting To: Sushil Kadam

This internship is designed to provide you with practical experience and exposure to real-world engineering challenges.



8390039082



[info@shitakshayconsultancy.com](mailto:info@shitakshayconsultancy.com)



720, Ambedkar Nagar, Pam, Boisar 401501



[www.shitakshayconsultancy.com](http://www.shitakshayconsultancy.com)

# ARTHASVA

Where Trust Meets Financial Growth

Date : 05th April 2025

Dear Mr Prathamesh Yandolli

**REF : Internship Offer Letter**

We are pleased to extend to you an offer to join Arthasva as a **Software Developer Intern**, reporting to **Mr. Amit Patel**. Your internship shall commence on **9th May 2025**.

This internship will follow a **hybrid model**, requiring your **physical presence at the office for two (2) days per week**, while the rest of the work can be performed remotely. The stipend for this internship will be **₹2000 (Rupees Two Thousand only)** per month.

The internship tenure is for a period of **three (3) months**, subject to extension or conversion to a full-time role based on performance and **company requirements**.

Please note that you must not be involved in any other employment, trade, or academic obligation that may interfere with your internship unless previously disclosed and approved in writing.

We are excited to have you contribute to our mission of building India's most intuitive and unified platform for investment asset management.

Kindly sign and return the enclosed copy of this letter as a token of your acceptance.

Warm regards,  
**Mr Rinni Patil**  
Founder & Director- ARTHASVA

*Prathamesh*

I accept the above  
**Mr Prathamesh Yandolli**

Name: - Amit Patel

Contact no: - 9834825317

Email id: - amit.patel@arthasva.com



# Offer letter

Inbox



hello@unovat... 3 days ago



to me ^

From hello@unovative.com

To rohitbadavate2510@gmail.com

Date May 17, 2025, 6:36 PM

 Standard encryption (TLS)

[View security details](#)

Dear Rohit,

We are pleased to welcome you to Unovative as an Tester on a contractual basis. Your work will begin from 17/05/2025 and will continue for a period of one month. During this time, you will receive a stipend of ₹6,500 for your contribution for the role of Tester.

We look forward to your involvement in our projects and are confident that this experience will be both valuable and enriching for your professional growth.

Once again, welcome to the team!

Thanks & Regards

Unovative Team.



# Shitakshay Consultancy

## Shitakshay Consultancy

720, Ambedkar Nager Pam, Boisar, Tal/Dist- Palghar 401501  
Phone: 8390039082 | Email: [info@shitakshayconsultancy.com](mailto:info@shitakshayconsultancy.com)  
Website: [www.shitakshayconsultancy.com](http://www.shitakshayconsultancy.com)

Date: 16-May-2025

To,  
Rohit Gadai

***Subject: Internship Offer for the Position of Trainee Engineer***

Dear Rohit,

We are pleased to offer you the position of Trainee Engineer (Intern) at Shitakshay Consultancy. We were impressed with your qualifications and enthusiasm and are confident that you will make a positive contribution during your time with us.

Please find the details of your internship below:

Position: Trainee Engineer (Intern)

Internship Duration: [19-May-2025] to [21-Jun-2025]

Location: 720, Ambedkar Nager Pam, Boisar, Tal/Dist- Palghar 401501

Stipend: Rs. 5000 per month

Working Hours: Monday to Friday, 9:30 AM – 4:30 PM

Reporting To: Sushil Kadam

This internship is designed to provide you with practical experience and exposure to real-world engineering challenges.



8390039082  
[info@shitakshayconsultancy.com](mailto:info@shitakshayconsultancy.com)  
720, Ambedkar Nagar, Pam, Boisar 401501  
[www.shitakshayconsultancy.com](http://www.shitakshayconsultancy.com)



### SHREE ENGINEERING SERVICES

A-704, Chandresh Udyan, Lodha Heritage, Bhopar, Dombivali (East), Thane -421201, Mah. - 27.  
Mob. No.:- +91 9820532202

To: Sagar Pandit  
Subject: Internship Offer – Front-End Web Development

Date: 18<sup>th</sup> May 2025

Dear Sagar Pandit,

We are pleased to offer you a Front-End Web Development Internship at Shree Engineering Services. We look forward to having you as part of our team and believe this will be a valuable learning experience for you.

Your internship will commence on 20<sup>th</sup> May 2025 and conclude on 20<sup>th</sup> June 2025, for a total duration of 1 month. During this period, you will be involved in:

- Web layout and user interface design
- Front-end development practices
- Basic project collaboration and learning

#### Internship Details:

- Stipend: Rs. 6,000/-
- Work Schedule: Monday to Friday, 6 hours per day (Totaling approximately 132 hours for the month)
- Mode: Hybrid (Online & Offline)
- Reporting Days: Tuesday and Wednesday at Shree Engineering Services, Dombivli office

#### Rules and Conditions:

- Maintain punctuality and discipline.
- Prior approval required for leaves.
- Task assignments may be individual or team-based.
- Maintain confidentiality.

This offer is subject to company rules and expectations. Either party may end the internship with prior notice. Kindly confirm your acceptance by 19<sup>th</sup> May 2025.

Best regards,

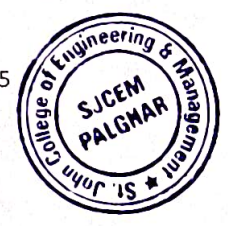
For Shree Engineering Services

*[Signature]*  
Proprietor

[Authorized Signatory]  
Shree Engineering Services

AK. Adame:- Tushar Ghavi  
Contact no:- 9820532202  
Email id:- shreemcs22@gmail.com

Regd. Office: 'Shree Chatra', 13/8, EWG Tenaments, Sec. 28, PCNTDA, Akurdi, Pune -411035





# Shitakshay Consultancy

## Shitakshay Consultancy

720, Ambedkar Nager Pam, Boisar, Tal/Dist- Palghar 401501  
Phone: 8390039082 | Email: [info@shitakshayconsultancy.com](mailto:info@shitakshayconsultancy.com)  
Website: [www.shitakshayconsultancy.com](http://www.shitakshayconsultancy.com)

Date: 16-May-2025

To,  
Hardik Vipin Pimple

**Subject: Internship Offer for the Position of Trainee Engineer**

Dear Hardik,

We are pleased to offer you the position of Trainee Engineer (Intern) at Shitakshay Consultancy. We were impressed with your qualifications and enthusiasm and are confident that you will make a positive contribution during your time with us.

Please find the details of your internship below:

Position: Trainee Engineer (Intern)

Internship Duration: [19-May-2025] to [21-Jun-2025]

Location: 720, Ambedkar Nager Pam, Boisar, Tal/Dist- Palghar 401501

Stipend: Rs. 5000 per-month

Working Hours: Monday to Friday, 9:30 AM – 4:30 PM

Reporting To: Sushil Kadam

This internship is designed to provide you with practical experience and exposure to real-world engineering challenges.

Name: - Mr. Akshay Sankhe

8390039082  
[info@shitakshayconsultancy.com](mailto:info@shitakshayconsultancy.com)  
720, Ambedkar Nagar, Pam, Boisar 401501  
[www.shitakshayconsultancy.com](http://www.shitakshayconsultancy.com)



To,  
Mr. Omkar Satish Nikam.  
F Wing Vinayraj Regency  
Bldg 21, Yashwant Shrushti  
Boisar 401501

Date: 26<sup>th</sup> May 2025.

**OFFER LETTER**

Dear Omkar Nikam,

Subject: Offer of Employment –Trainee Program.

It is with great pleasure that I extend this offer of employment to you on behalf of Solutions India Systems Pvt Ltd. We were impressed with your academic achievements and your passion for technology, which we believe will make you a valuable addition to our team.

You are being offered the position of “Trainee” under our Trainee Program. In this role, you will have the opportunity to work across various departments, gaining insights and hands-on experience in your field of interest.

Your proposed start date is 20<sup>th</sup> May 2025 To 19<sup>th</sup> June 2025. You will report to Mr. Pravin Pawar – Deputy General Manager-IT Service

Throughout the duration of the program, you will participate in specialized training sessions and workshops designed to enhance your skills and knowledge in your chosen field.

You will be based at our headquarters in Mumbai Andheri (East), Location.

This position is subject to the successful completion of a 1 Month period (20<sup>th</sup> May 2025 To 19<sup>th</sup> June 2025) after which your performance will be reviewed.

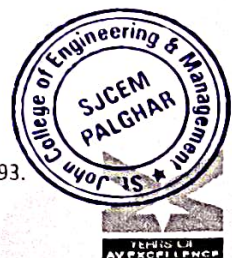
We believe that your contributions will be invaluable to Solutions India Systems Pvt Ltd, and we are excited about the prospect of you joining our team. Please indicate your acceptance of this offer by signing and returning this letter to us.

**Trainees are to be Noted:**

1. Trainees are not allowed to take Photos/ Videos within the company premises.
2. Company ongoing Project information must be confidential, not to share with outside.
3. We only provide trainings to the Trainee for the work experience which is not paid any Remuneration, only we can give monthly traveling amount in cash after completion of duration.

**SOLUTIONS INDIA SYSTEMS PVT. LTD.**

HEAD OFFICE : 101, Kaatyayni Business Center, Off Mahakali Caves Road, MIDC, Andheri (East), MUMBAI-400 093.  
E-MAIL: info@sispl.co.in | PHONE: 022-66494444. | FAX: 022-66494400. | WEBSITE: www.sispl.co.in  
DELHI: 011 45768143 | PUNE: 9049002984 | BANGALORE: 080-26639196 | CHENNAI: 022-66494444  
KOLKATA: 022-66494444 | HYDERABAD: 022 66494444 | AHMEDABAD: 022 66494444  
CIN: U32109MH1992PTC1061





**CHAITANYA PRINTERS**

Subject: Offer Letter for Data Analyst Internship.

**Dear Sujal Mujawar,**

We are pleased to offer you a Data Analyst at **CHAITANYA OFFSET-PRINTERS** for a period of one month, from May 20th, 2025, to June 19th, 2025. This internship will be conducted on-site or Hybrid.

Internship Details:

- Duration: 1 month (May 20th, 2025 - June 19th, 2025)
- Stipend: ₹6,000
- on-site or Hybrid work arrangement

Expectations:

As a Data Operate & Manage Intern, you will be expected to work on various projects and contribute to our team's creative efforts.

Best regards,

**CHAITANYA SANKPAL (MANAGER)**



- +91 82630 43592
- chaitanyaprinters2050@gmail.com
- Shivaji Nagar, Po. TAPS,  
Tal. & Dist. Palghar - 401 506



**CHAITANYA PRINTERS**

Subject: Offer Letter for Graphics Designing Internship.

Dear Lalit Singh,

We are pleased to offer you a Graphics Designing internship at **CHAITANYA OFFSET PRINTERS** for a period of one month, from May 20th, 2025, to June 19th, 2025. This internship will be conducted on-site or Hybrid.

Internship Details:

- Duration: 1 month (May 20th, 2025 - June 19th, 2025)
- Stipend: ₹6,000
- on-site or Hybrid work arrangement

Expectations:

As a Graphics Designing Intern, you will be expected to work on various design projects and contribute to our team's creative efforts.

Best regards,

**CHAITANYA SANKPAL (MANAGER)**



+91 82630 43592  
chaitanyaprinters2050@gmail.com  
Shivaji Nagar, Po. TAPS,  
Tal. & Dist. Palghar - 401 506

# HINDUSTAN ENTERPRISES

Near Hindustan Garage, Khalrepada, Bolsar (E), Dist-Palghar 401 501

Email: hindustanent777@gmail.com | Mob: 9890466507 / 9324253507

Date: 19 May 2025

To,  
Sayyed Mohammad Shoaib  
Bolsar, Maharashtra

Subject: Offer Letter for Internship Role in Invoice & Sales Management

Dear Sayyed Mohammad Shoaib,

We are pleased to offer you the opportunity to join Hindustan Enterprises as an intern in the Invoice and Sales Management department. Your internship will commence on 20 May 2025 and conclude on 20 June 2025.

During this period, you will be responsible for assisting in managing sales records, preparing invoices, and coordinating with our clients and team members to ensure efficient processing and documentation. We believe your skills and dedication will be a valuable asset to our organization.

As part of this internship, you will receive a stipend of Rs. 5,000 for the entire duration of your internship.

Please consider this letter as a formal offer. We expect your full cooperation and adherence to company policies throughout the internship duration.

We look forward to your valuable contributions.

Sincerely,  
Afroz Alam  
Proprietor

  
Proprietor

[Signature & Company Stamp]

HR Name: Afroz Alam

Permitted

  
18-05-25





**CHAITANYA PRINTERS**

Subject: Offer Letter for Graphics Designing Internship.

Dear Aaditya Kandekar,

We are pleased to offer you a Graphics Designing internship at **CHAITANYA OFFSET PRINTERS** for a period of one month, from May 20th, 2025, to June 19th, 2025. This internship will be conducted on-site or Hybrid.

Internship Details:

- Duration: 1 month (May 20th, 2025 - June 19th, 2025)
- Stipend: ₹6,000
- on-site or Hybrid work arrangement

Expectations:

As a Graphics Designing Intern, you will be expected to work on various design projects and contribute to our team's creative efforts.

Best regards,

**CHAITANYA SANKPAL (MANAGER)**



+91 82630 43592  
chaitanyaprinters2050@gmail.com  
Shivaji Nagar, Po. TAPS,  
Tal. & Dist. Palghar - 401 506

**INTERSHIP OFFER LETTER**

To Mr. Vrushal Patil,

We're delighted to offer you the position of Intern Web Developer with The Crowners under the following terms and conditions:

**Joining Date:**

Your internship will commence on **19th May 2025**.

**Position:**

Your title will be Intern Web Developer, and you will report to Mr. Jaydeep Rangpariya (Manager). This is a full-time internship position.

**Internship Duration:**

The internship will be for a total duration of **1 month**, starting from **19th May 2025** and concluding on **19th June 2025**.

**Stipend:**

You will be paid a stipend of **₹5,000** for the entire internship duration.

**Working Hours:**

You are expected to work **Monday to Saturday**, from **10:00 AM to 6:00 PM**.

**Privacy:**

You are required to observe and uphold all the Company's privacy policies and procedures as implemented or varied from time to time. The collection, storage, access to, and dissemination of employee personal information will be in accordance with applicable privacy legislation. You may indicate your agreement with these terms and accept this offer by signing and dating this agreement on or before **18th May 2025**. Upon your acceptance, **The Crowners** will provide you with the necessary paperwork and further instructions.

Sincerely,  
Ramkesh Sharma  
HR Manager  
+91 93284 04901.

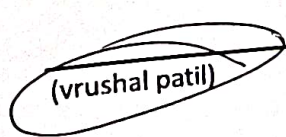
Signatures:

For **THE CROWNERS**

  
\_\_\_\_\_  
(Ramkesh Sharma)

PARTNER

Date :- 12-05-25

  
(vrushal patil)

**The Crowners**  
3rd Floor, Shop No. 313, Wala Chamber Near Swami Narayan School, Salvav, Vapi Gujarat 396191



**INTERSHIP OFFER LETTER**

To Mr. Vrushal Patil,

We're delighted to offer you the position of Intern Web Developer with The Crowners under the following terms and conditions:

**Joining Date:**

Your internship will commence on 19th May 2025.

**Position:**

Your title will be Intern Web Developer, and you will report to Mr. Jaydeep Rangpariya (Manager). This is a full-time internship position.

**Internship Duration:**

The internship will be for a total duration of 1 month, starting from 19th May 2025 and concluding on 19th June 2025.

**Stipend:**

You will be paid a stipend of ₹5,000 for the entire internship duration.

**Working Hours:**

You are expected to work Monday to Saturday, from 10:00 AM to 6:00 PM.

**Privacy:**

You are required to observe and uphold all the Company's privacy policies and procedures as implemented or varied from time to time. The collection, storage, access to, and dissemination of employee personal information will be in accordance with applicable privacy legislation. You may indicate your agreement with these terms and accept this offer by signing and dating this agreement on or before 18th May 2025. Upon your acceptance, The Crowners will provide you with the necessary paperwork and further instructions.

Sincerely,

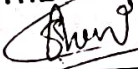
Ramkesh Sharma

HR Manager

+91 93284 04901.

Signatures:

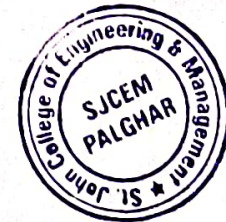
For THE CROWNERS

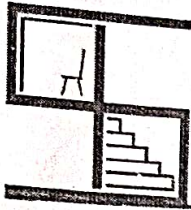
  
PARTNER  
(Ramkesh Sharma)

Date :- 12-05-25

(vrushal patil)

The Crowners  
3rd Floor, Shop No. 313, Wala Chamber Near Swami Narayan School, Salvav, Vapi Gujarat 396191





# S. S. INTERIOR

15/A Sadhana Co-op. Hsg. So., 2nd Floor. Daulat Nagar, Relief Road, Santacruz (W), Mumbai - 400 054.



+91-8291685208  
+91-9920271957

14/05/2025

To,  
Gaurav R. Pale,  
102 Gayatri Co-op Hsg Soc,  
Pandit Dindayal Nagar,  
Vasai West 401202.

## SUB: - APPOINTMENT LETTER FOR INTERNSHIP

Dear Gaurav,

It is our pleasure to inform you that you are been selected to work with us as an Intern-Interior Designing AutoCAD for our various projects.

The terms and conditions for your internship are as following

1. Internship Duration: 19<sup>th</sup> May 2025 to 19<sup>th</sup> June 2025

2. Stipend: 4000 INR.

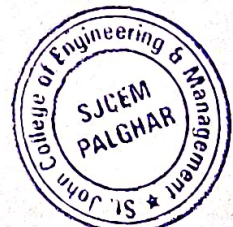
3. Working Hours: 10:30 AM to 6:30 PM, Monday to Friday.

We congratulate you on your appointment. We believe that your Internship will enhance your practical working experience and communication skills with interacting with various professionals in the field.

Please sign and return a copy of this letter as a token of your acceptance of the offer.

Name:- Sahil Joshi  
Email:- ssinterior009@gmail.com  
(Mobile No:- 9920271957)

For S. S. Interior  
Partner.



**ARC LINE ENTERPRISE**  
WELDING SPECIALIST IN FABRICATION, ERECTION, MACHINING,  
CARPENTRY AND ALUMINIUM WORK

34, Mithibai Building, A.D. Marg, Sewaree, Mumbai - 400 015.

Factory Add: Plot No. 4, PIDCO Diwan & sons, Udyog Nagar, Palghar, Dist. Thane - 401 404, Maharashtra

E-mail: [amarc\\_enter@rediffmail.com](mailto:amarc_enter@rediffmail.com)

Date: 18/05/2025

To,

Subject: Internship Offer Letter

Dear Siddhi Akre

We would like to congratulate you on being selected for the internship position with "Arc Line Enterprises". We at Arc Line Enterprises are excited that you will join our team.

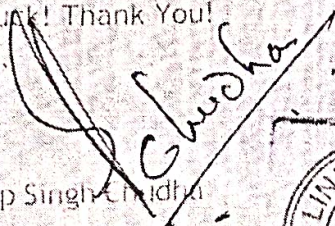
The duration of the internship will be of 5 weeks, starting from 20th May 2025 to 20th June 2025. The internship is an educational opportunity for you hence the primary focus is on learning and developing new skills and gaining hands-on knowledge. We believe that you will perform all your tasks/projects.

As an intern, we expect you to perform all assigned tasks to the best of your ability and follow any lawful and reasonable instructions provided to you.

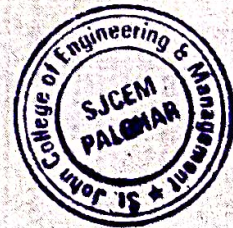
We are confident that this internship will be a valuable experience for you, we look forward to working with you and helping you achieve your career goals.

Best of Luck! Thank You!

Sincerely,

  
Amardeep Singh

Proprietor  
Arc Line Enterprises



05-May-2025

To,  
Miss Shravani Lawand

**Subject: Appointment Letter for Industrial Training**

Dear Miss Shravani Lawand,

We are pleased to inform you that you have been selected for **Industrial Training** at **Aviraj Innovations Pvt. Ltd.**, for the duration from **19th May 2025 to 19th June 2025**.

You will be undergoing training on the topic '**Advanced Web Technology**', which will include the following technologies:

- HTML, HTML5
- CSS, CSS3, Bootstrap 4.0
- Responsive Web Development
- JavaScript and jQuery
- Website Hosting and Deployment

During the training, you are expected to follow the company's code of conduct, maintain confidentiality, and work diligently under the guidance of your assigned mentor.

This training is part of your academic curriculum and will be **paid**. A **stipend of ₹6,000** will be provided to you upon successful completion of the training.

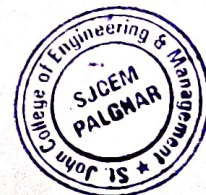
Additionally, a **certificate** will be issued recognizing your participation and performance.

We look forward to your valuable contribution and hope you gain a meaningful learning experience with us.

**Welcome aboard!**



*Prithvilek*  
05/05/2025



For Aviraj Innovations Pvt. Ltd.  
Director

# ARC LINE ENTERPRISE

WE SPECIALISE IN FABRICATION, ERECTION & MAINTENANCE  
OF STEEL STRUCTURES & MECHANICAL WORK

31, Mithibai Building, A.D. Marg, Sewarree, Mumbai - 400 015.

Factory Add: Plot No. 4, PISOQ Diwan & sons, Udyan Nagar, Palghar, Dist. Thane - 401 104, Maharashtra

E-mail: amarc\_enter@rediffmail.com

Date: 18/05/2025

To:

Subject: Internship Offer Letter

Dear: Sneha Bhivole

We would like to congratulate you on being selected for the internship position with "Arc Line Enterprises". We at Arc Line Enterprises are excited that you will join our team.

The duration of the internship will be six weeks, starting from 20th May 2025 to 20th June 2025. The internship is an educational opportunity for you hence the primary focus is on learning and developing new skills and gaining hands-on knowledge. We believe that you will perform all your tasks/projects.

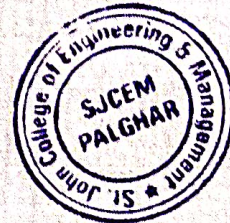
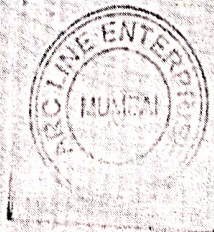
As an intern, we expect you to perform all assigned tasks to the best of your ability and follow any lawful and reasonable instructions provided to you.

We are confident that this internship will be a valuable experience for you, we look forward to working with you and helping you achieve your career goals.

Best of Luck! Thank You!  
Sincerely,

Amardeep Singh Chaudhary

Proprietor  
Arc Line Enterprises





Aryan Patil <aryanpatil102004@gmail.com>

## Internship Offer Letter – Frontend Developer Intern

22 May 2025 at 11:40

Sushant Nimbalkar - Orient <sushantnimbalkar@orientindia.net>  
To: "aryanpatil102004@gmail.com" <aryanpatil102004@gmail.com>

Dear Aryan,

We are pleased to offer you the position of **Frontend Developer Intern** at **Orient Technologies Limited**, reporting to **Rahil Manji**.

We were impressed with your background and are excited about the contributions you will bring to our team.

### Internship Details:

- **Start Date:** 26<sup>th</sup> – May - 2025
- **End Date:** 25<sup>th</sup> – July - 2025
- **Work Mode :** Work from Office
- **Department:** Digital Transformation
- **Supervisor:** Rahil Manji
- **Stipend :** Paid.

### Responsibilities:

#### Internship Overview

We are looking for a passionate and talented **Frontend Developer Intern** to join our team. As an intern, you'll get hands-on experience building user-facing features, contributing to UI/UX improvements, and learning best practices in frontend development.

### Responsibilities

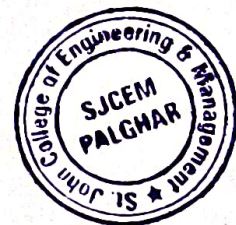
- Assist in developing responsive and intuitive user interfaces using HTML, CSS, and JavaScript.
- Work with frameworks/libraries such as React.js, Vue.js, or Angular.
- Collaborate with UI/UX designers and backend developers.
- Participate in code reviews and learn from feedback.
- Write clean, maintainable code and ensure cross-browser compatibility.
- Help identify and troubleshoot frontend issues and bugs.

### Requirements

- Basic understanding of HTML, CSS, and JavaScript.
- Familiarity with at least one frontend framework/library (e.g., React, Vue, Angular).
- Understanding of responsive design and web accessibility principles.
- Good problem-solving skills and willingness to learn.
- Currently pursuing or recently completed a degree in Computer Science, Engineering, or a related field.

### Bonus Skills (Nice to Have)

- Experience with version control systems like Git.
- Exposure to tools like Figma or Adobe XD.





**Aman Singh**  
HR Manager

Shop No. 21, Kailash Tower 2,  
Capital Mall, Nalasopara East,  
Mumbai, Maharashtra 401209.

Date: May 21, 2025

✉ theweddingboysmh48@gmail.com

☎ +91 7666016904

🌐 theweddingboys.in

To:

Mr. Akshay Singh  
Rajnarar, Nallasopara,  
Mumbai, 401209

Subject: Full-Stack MERN Developer Intern & Assistant SEO Manager

Dear Akshay,

We're pleased to offer you the role of Full-Stack MERN Developer & SEO Manager at The Wedding Boys, starting May 20, 2025, under Mr. Aman Singh. Your MERN and SEO expertise will be invaluable in boosting our online presence and technical solutions for our wedding clients.

Internship Details:

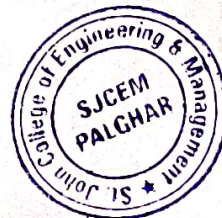
- Position Title: Full-Stack Developer Intern & Assistant SEO Manager
- Period: May 20, 2025 to August 20, 2025 (12 Weeks)
- Timings: 10:00 AM to 4:00 PM
- Location: On-Site (as per company requirements)
- Reporting Manager: Aman Singh
- Stipend: ₹ 8,000 per month

Roles & Responsibilities:

- Develop and maintain wedding portals, RSVP forms, vendor showcases, and photo galleries using the MERN stack
- Design and review system architecture for event dashboards and bridal microsites
- Conduct on-page SEO (meta titles, descriptions, headers) and keyword research focused on weddings and venues
- Manage site structure, internal linking, and URL optimization for packages, blogs, and vendor listings
- Coordinate off-page SEO (wedding blogs, styled-shoot backlinks) and run paid social campaigns on Meta for seasonal promotions
- Monitor Google Analytics/Search Console, track inquiries and bookings, and share monthly performance insights

Please sign and return by May 22, 2025. We look forward to working with you.

Warm regards,  
Aman Singh  
HR Manager  
*aman singh*



To,  
Mr. Kshitij Pradeep Dalvi,  
B/203 Chandresh Lodha Smruti,  
Sai Nagar, Nallasopara

Date: 26<sup>th</sup> May 2025.

**OFFER LETTER**

Dear Kshitij Dalvi,

Subject: Offer of Employment –Trainee Program.

It is with great pleasure that I extend this offer of employment to you on behalf of Solutions India Systems Pvt Ltd. We were impressed with your academic achievements and your passion for technology, which we believe will make you a valuable addition to our team.

You are being offered the position of “Trainee” under our Trainee Program. In this role, you will have the opportunity to work across various departments, gaining insights and hands-on experience in your field of interest.

Your proposed start date is 20<sup>th</sup> May 2025 To 19<sup>th</sup> June 2025, You will report to Mr. Pravin Pawar – Deputy General Manager- IT Service

Throughout the duration of the program, you will participate in specialized training sessions and workshops designed to enhance your skills and knowledge in your chosen field.

You will be based at our headquarters in Mumbai Andheri (East), Location.

This position is subject to the successful completion of a 1 Month period (20<sup>th</sup> May 2025 To 19<sup>th</sup> June 2025) after which your performance will be reviewed.

We believe that your contributions will be invaluable to Solutions India Systems Pvt Ltd, and we are excited about the prospect of you joining our team. Please indicate your acceptance of this offer by signing and returning this letter to us.

**Trainees are to be Noted:**

1. Trainees are not allowed to take Photos/ Videos within the company premises.
2. Company ongoing Project information must be confidential, not to share with outside.
3. We only provide trainings to the Trainee for the work experience which is not paid any Remuneration, only we can give monthly traveling amount in cash after completion of duration.

**SOLUTIONS INDIA SYSTEMS PVT. LTD.**

HEAD OFFICE : 101, Kaatyayni Business Center, Off Mahakali Caves Road, MIDC, Andheri (East), MUMBAI-400 093.  
E-MAIL: info@sispl.co.in | PHONE: 022-66494444. | FAX: 022-66494400. | WEBSITE: www.sispl.co.in  
DELHI: 011 45768143 | PUNE: 9049002984 | BANGALORE: 080-26639196 | CHENNAI: 022-66494444  
KOLKATA: 022-66494444 | HYDERABAD: 022 66494444 | AHMEDABAD: 022 66494444





**DC InfoTech Pvt Ltd**  
**Palghar, Maharashtra**  
**Date: May 17, 2025**

To,

Dhiraj Chaudhari

Saphale, Palghar, ,Maharashtra.

**Subject: Employment Offer from DC InfoTech Pvt Ltd**

**Date: 17th May 2025**

Dear **Dhiraj Chaudhari**,

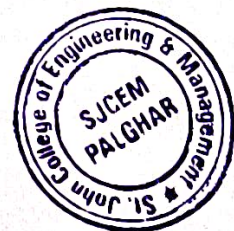
We are pleased to offer you the position of **Google Cloud Engineer Intern** at **DC InfoTech Pvt Ltd**.



Your internship will commence on **20th May 2025** and will continue for a duration of **1 month**. During this period, you will receive a **stipend of ₹5,500**.

This is an **onsite internship**, and you are expected to report to our **Vasai Office**, with possible visits to our **Palghar Office** as needed.

You are expected to actively participate in project work and complete at least one hands-on task related to **Google Cloud Platform (GCP)**.

The internship is subject to document verification and adherence to company policies.



 <p>एनपीसीआईएल NPCIIL NUCLEAR POWER CORPORATION OF INDIA LIMITED</p>	<p>न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड NUCLEAR POWER CORPORATION OF INDIA LIMITED (भारत सरकार का उद्यम A Government of India Enterprise) तारापुर महाराष्ट्र स्थल Tarapur Maharashtra Site डाक : टीएपीपी, बोईसर (प.रे.), जिला : पालघर (महाराष्ट्र) 401 504 PO : TAPP, Boisar (WR), Dist.Palghar, Maharashtra – 401504 CIN:U40104MH1987GOI149458, Web:www.npcilcareers.co.in</p>	 <p>से. जॉन कॉलेज St. John's College</p>
---	---	---

क्र.तामस्थ/मा.सं/प्रशिक्षण/प्रोजेक्ट कार्य/2025/ 312

22 अप्रैल, 2025

To,

The Principal,  
St. John College of Engineering and Management,  
Vevoor, Dist: Palghar,  
Maharashtra -401404

विषय: संयंत्र स्थल में व्यावसायिक प्रशिक्षण/प्रोजेक्ट वर्क In Plant Vocational Training/Project work

महोदय Sir,

उपर्युक्त विषय पर आपके पत्र सं. SJCEM/Degree/Bonafide/AY 2024-2025/21 दिनांक 18/03/2025 के संदर्भ में निम्नलिखित विवरण के अनुसार आपके संस्थान के विद्यार्थी को तामस्थ में व्यावसायिक प्रशिक्षण/प्रोजेक्ट वर्क करवाने के आपके अनुरोध को सहर्ष स्वीकार करते हैं। With reference to your letter no. SJCEM/Degree/Bonafide/AY 2024-2025/21 dated 18/03/2025 above, subject, we are pleased to accept request of the following Student of your Institute to undergo Vocational Training/Project work at TM Site as per details given below:

S.No.	Name	Name of Discipline	Period of Training	Trainee shall report to
1.	Ms. Snehal P. Jundhare	B.Tech. – CS	26/05/2025 to 26/06/2025	Smt Kalpana Verma, OIC (IT), TM Site

उन्हें 26/05/2025 को उक्त प्रशिक्षण हेतु रिपोर्ट करने के लिए सूचित किया जाए। यह अनुमति संलग्न परिशिष्ट में दी गई निबंधनों व शर्तों पर दी जा रही है। प्रशिक्षु को नियमित एवं समय के लिए पाबंद रहने के लिए सूचित किया जाए। The student may be advised to report for the said training on 26/05/2025. The permission is subject to the terms and conditions as per enclosed Annexure and to be regular/punctual.

सादर Thanking you,

भवदीया Yours faithfully,

शालिनी  
22/04/25

(शालिनी द्विवेदी Shalini Dwivedi)  
उप प्रबंधक (मासं.) Dy. Manager (HR)



संलग्न Encl: उपर्युक्तानुसार as above

प्रतिलिपि Copy to:

1.	श्री डी.पी.महाजन, प्रशिक्षण अधीक्षक, तामस्थ Shri D.P. Mahajan, TS, TM Site	प्रोजेक्ट कार्य संतोषजनक रूप से पूर्ण होने के उपरांत पूर्णता प्रमाणपत्र जारी करने के अनुरोध सहित
2.	श्री श्रीमती कल्पना वर्मा, प्रभारी अधिकारी (आई टी), तामस्थ - प्रशिक्षण हेतु समन्वयक Smt Kalpana Verma, OIC (IT), TM Site – Coordinator for the training	
3.	डेप्युटी कमांडेंट, सी.आइ.एस.एफ, तामस्थ Dy. Commandant, CISF, TMS	
4.	श्री पी.आर. जुन्धारे, वैज्ञा. अधिकारी/ई (वि.अनु.ई.),तापविद्य- 1एच2 Shri P.R. Jundhare, SO/E (EMU), TAPS-1&2	



न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड  
NUCLEAR POWER CORPORATION OF INDIA LIMITED  
(भारत सरकार का सद्यः A Government of India Enterprise)  
तारापुर महाराष्ट्र स्थल Tarapur Maharashtra Site  
डाक : टीएपीपी, बोईसर (प.रं.), जिला : पालघर (महाराष्ट्र) 401 504  
PO : TAPP, Boisar (WR), Dist. Palghar, Maharashtra - 401504  
CIN:U40104MH11987GOI149458, Web:www.npcilcareers.co.in



क्र.तामस्थ/मा.सं/प्रशिक्षण/प्रोजेक्ट कार्य/2025/ 285

04 अप्रैल, 2025

To,  
The Principal,  
St. John College of Engineering and Management,  
Yevoor, Dist: Palghar,  
Maharashtra -401404

**विषय: संयंत्र स्थल में व्यावसायिक प्रशिक्षण/प्रोजेक्ट वर्क In Plant Vocational Training/Project work**

महोदय Sir,

उपर्युक्त विषय पत्र सं SJCEM/Degree/Bonafied/AY2024-25/19 दिनांक 15/03/2025 के संदर्भ में निम्नलिखित विवरण के अनुसार आपके संस्थान के विद्यार्थी को तामस्थ में व्यावसायिक प्रशिक्षण/प्रोजेक्ट वर्क करवाने के आपके अनुरोध को सहर्ष स्वीकार करते हैं। With reference to letter no. SJCEM/Degree/Bonafied/AY 2024-25/19 dated 15/03/2025 above subject, we are pleased to accept request of the following Student of your Institute to undergo Vocational Training/Project work at TM Site as per details given below:

S.No.	Name	Name of Discipline	Period of Training	Trainee shall report to
1.	Ms.Sayali Bhate	B. Tech - CS	19/05/2025 to 19/06/2025	Smt Kalpana Verma, OIC (IT), TM Site

उन्हें 19/05/2025 को उक्त प्रशिक्षण हेतु रिपोर्ट करने के लिए सूचित किया जाएगा। यह अनुमति संलग्न परिशिष्ट में दी गई निबंधनों व शर्तों पर दी जा रही है। प्रशिक्षु को नियमित एवं समय के लिए पाबंद रहने के लिए सूचित किया जाएगा।

The student may be advised to report for the said training on 19/05/2025. The permission is subject to the terms and conditions as per enclosed Annexure and to be regular/punctual.

सादर Thanking you,



भवदीया Yours faithfully,



शालिनी

(शालिनी द्विवेदी Shalini Dwivedi)  
उप प्रबंधक (मासं.) Dy. Manager (HR)

संलग्न Encl: उपर्युक्तानुसार as above

प्रतिलिपि Copy to:

1.	श्री डी.पी. महाजन, प्रशिक्षण अधीक्षक, तामस्थ Shri D.P. Mahajan, TS, TM Site	प्रोजेक्ट कार्य संतोषजनक रूप से पूर्ण होने के उपरांत पूर्णता प्रमाणपत्र जारी करने के अनुरोध सहित.
2.	श्रीमती कल्पना वर्मा, प्रभारी अधिकारी (आई टी), तामस्थ - प्रशिक्षण हेतु समन्वयक Smt Kalpana Verma, OIC (IT), TM Site - Coordinator for the training	
3.	डेप्युटी कमांडेंट, सी.आइ.एस.एफ., तामस्थ Dy. Commandant, CISF, TMS	
4.	श्री नवीन भाटे, सहायक निदेशक (रा.भा.), भापअनुके, तारापुर Shri. Naveen Bhatte, AD (OL), BARC, Tarapur	

 <p>राष्ट्र की सेवा में परमायु एनपीसीआई लिमिटेड NPCL NUCLES IN THE SERVICE OF THE NATION न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड Nuclear Power Corporation of India Limited</p>	<p>न्यूक्लियर पावर कॉर्पोरेशन ऑफ इंडिया लिमिटेड NUCLEAR POWER CORPORATION OF INDIA LIMITED (भारत सरकार का उद्यम A Government of India Enterprise) तारापुर महाराष्ट्र स्थल Tarapur Maharashtra Site डाक : टीएपीपी, बोईसर (प.रं.), जिला : पालघर (महाराष्ट्र) 401 504 PO : TAPP, Boisar (WR), Dist.Palghar, Maharashtra – 401504 CIN:U40104MH1987GOI149458, Web:www.npcilcareers.co.in</p>	
---	---	---

क्र.तामस्थ/मा.सं/प्रशिक्षण/प्रोजेक्ट कार्य/2025/ 327

09 मई 2025

To,

The Principal,  
St. John College of Engineering and Management,  
Vevoor, Dist: Palghar,  
Maharashtra -401404

विषय: संयंत्र स्थल में व्यावसायिक प्रशिक्षण/प्रोजेक्ट वर्क In Plant Vocational Training/Project work

महोदय Sir,

उपर्युक्त विषय पर आपके पत्र सं. SJCEM/Degree/Bonafide/AY 2024-2025/21 दिनांक 18/03/2025 के संदर्भ में निम्नलिखित विवरण के अनुसार आपके संस्थान के विद्यार्थी को तामस्थ में व्यावसायिक प्रशिक्षण/प्रोजेक्ट वर्क करवाने के आपके अनुरोध को सहर्ष स्वीकार करते हैं। With reference to your letter no. SJCEM/Degree/Bonafide/AY 2024-2025/22 dated 18/03/2025 above subject, we are pleased to accept request of the following Student of your Institute to undergo Vocational Training/Project work at TM Site as per details given below:

S.No.	Name	Name of Discipline	Period of Training	Trainee shall report to
1.	Ms. Kshitija Kalpesh Vade	B.Tech. – CS	26/05/2025 to 26/06/2025	Smt Kalpana Verma, OIC (IT), TM Site

उन्हें 26/05/2025 को उक्त प्रशिक्षण हेतु रिपोर्ट करने के लिए सूचित किया जाए। यह अनुमति संलग्न परिशिष्ट में दी गई निबंधनों व शर्तों पर दी जा रही है। प्रशिक्षु को नियमित एवं समय के लिए पाबंद रहने के लिए सूचित किया जाए। The student may be advised to report for the said training on 26/05/2025. The permission is subject to the terms and conditions as per enclosed Annexure and to be regular /punctual.

सादर Thanking you,



भवदीया Yours faithfully,

*शालिनी*  
09/05/25  
(शालिनी द्विवेदी Shalini Dwivedi)  
उप प्रबंधक (मासं.) Dy. Manager (HR)

संलग्न Encl: उपर्युक्तानुसार as above

प्रतिलिपि Copy to:

1.	श्री डी.पी.महाजन, प्रशिक्षण अधीक्षक, तामस्थ Shri D.P. Mahajan, TS, TM Site	प्रोजेक्ट कार्य संतोषजनक रूप से पूर्ण होने के उपरांत पूर्णता प्रमाणपत्र जारी करने के अनुरोध सहित
2.	श्री श्रीमती कल्पना वर्मा, प्रभारी अधिकारी (आई टी), तामस्थ - प्रशिक्षण हेतु समन्वयक Smt Kalpana Verma, OIC (IT), TM Site – Coordinator for the training	
3.	डेप्युटी कमांडेंट, सी.आइ.एस.एफ, तामस्थ Dy. Commandant, CISF, TMS	
4.	श्री पी.आर. जुन्धारे, वैज्ञा. अधिकारी/ई (वि.अनु.ई.),तापबिघ- 1एव2 Shri P.R. Jundhare, SO/E (EMU), TAPS-1&2	

## INTERNSHIP AGREEMENT

This Internship Agreement is made and entered into on this 05 day of May 2025, by and between:

**Company Name:** GCO Technology Center Pvt Ltd  
**Company Address:** B-101, Western Edge II , Off Western Express Highway,  
Magathane, Borivali (East) Mumbai – 400066  
**Contact Information:** 022-49639172

(hereinafter referred to as the "Company")

AND

**Intern Name :** Devank Kalpesh Mhatre

(hereinafter referred to as the "Intern")

WHEREAS, the Company agrees to provide the Intern with practical work experience to complement their academic learning;

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the parties agree as follows:

### 1. INTERNSHIP PERIOD

The Intern shall work with the Company for a period of **two (2) months**, commencing from **20-May-2025** and concluding on **20-Jul-2025**.

### 2. STIPEND

The Company shall provide the Intern with a stipend of **INR 5,000 (Five Thousand Rupees) per month** for the duration of the internship. This stipend shall be paid on a monthly basis.

### 3. DUTIES AND RESPONSIBILITIES

The Intern shall be assigned to the role of **Software Developer Intern** and will be responsible for performing tasks and assignments as directed by their supervisor, which may include but are not limited to:

- Writing, testing, and debugging software code.
- Assisting in software development projects.
- Collaborating with team members on various tasks.
- Learning and applying new technologies as needed.

### 4. CONFIDENTIALITY

The Intern agrees to keep all proprietary and confidential information of the Company strictly confidential and not disclose it to any third party during or after the internship period.



**GCO Technology Center Pvt Ltd**

B-101, Western Edge II , Off Western Express Highway, Magathane, Borivali (East) Mumbai – 400066  
[www.gcotechcenter.com](http://www.gcotechcenter.com)

# PerfectRank

G-9 Purab Heights, Charni Road East,  
Girgaon, Mumbai, Maharashtra 400004

---

Date : 17/05/2025

Dear Deepak Indrajeet Jaiswar,

Further to the interview and discussions you have had with us, it is our pleasure to extend an offer of employment to you. You are appointed to the position of a full-time intern front-end developer in our company PerfectRank.

As mutually agreed your date of joining will be 20/05/2025.

The offer of employment is conditional to our routine reference and background verification being completed with satisfactory results.

Stipend: Rs.6,000 per month.

Tenure: 2 months.

Long leaves for examinations, etc will not be counted.

Note: The contents of this letter are confidential and should not be used as a tool for negotiating employment terms with any other organization.

Kindly mention the requisite details of your personal bank account as stated below -

- Full Name
- Bank Name
- Bank Branch
- Bank Branch Address
- Bank Account Number
- IFSC Code

#### Other important details:

- Probation Period - 2 weeks
- Leaves for examinations, practicals, vacations have to be informed at least 2 weeks in advance.
- Qualitative deduction in stipend can happen in case of premature conclusion or reduction in hourly commitment.

If you have any queries, feel free to contact Anurag Gupta at 9049622943

Best Regard,  
Manish Kadam  
Co-Founder - PerfectRank

# Application for 60-Hour Internship

Inbox



Riddhi Verma 14 May

Respected Sir, I am Riddhi Kailash Verma, a B.Tech Computer Science student at St.



rajeshsharma... 3 days ago

to me ▾



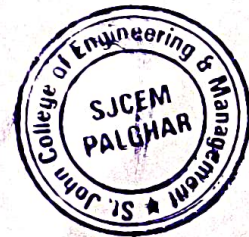
Dear Riddhi,

I am pleased to inform you that your internship application has been approved. We look forward to having you as part of our team and are confident that this experience will be mutually beneficial.

Please feel free to reach out if you have any questions or require further information before your start date.

Regards,

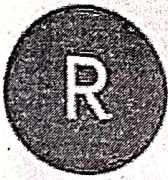
Rajesh Sharma  
Assistant General Manager - HR



**D**DECOR  
EXPORTS

G-7/1, MIDC, Tarapur, Boisar, District Palghar - 401506

Tel: +91 (02525) 356600 / 356630 | www.ddecor.com



rajeshsharma... 4:27 pm

to me v



Dear Priya,

I am pleased to inform you that your internship application has been approved. We look forward to having you as part of our team and are confident that this experience will be mutually beneficial.

Please feel free to reach out if you have any questions or require further information before your start date.

Regards,

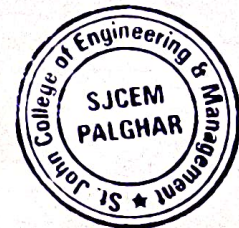
Rajesh Sharma - 9823161604  
Assistant General Manager - HR

**D**DECOR  
EXPORTS

G-7/1, MIDC, Tarapur, Boisar, District Palghar - 401506

Tel: +91 (02525) 356600 / 356630 | [www.ddecor.com](http://www.ddecor.com)

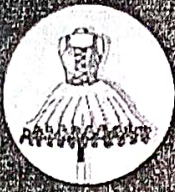
The largest curtain and woven upholstery mill in the world.



From: "Priya Singh" <spriyasujit2004@gmail.com>

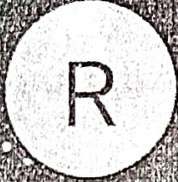
To: rajeshsharma@ddecor.com

19-06-21



**Karan Choudhary** May 16

Respected Sir, I am Karan Choudhary,  
a B.Tech Computer Science student at



**rajeshsharma@dd...** 10:05



to me ▾

Dear Karan,

I am pleased to inform you that your internship application has been approved. We look forward to having you as part of our team and are confident that this experience will be mutually beneficial.

Please feel free to reach out if you have any questions or require further information before your start date.

Regards,

**Rajesh Sharma**  
Assistant General Manager - HR

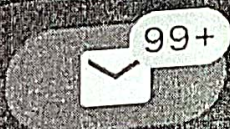
**DECOR**  
EXPORTS



G-7/1, MIDC, Tarapur, Boisar, District Palghar - 401506

Tel: +91 (02525) 356600 / 356630 | [www.ddecor.com](http://www.ddecor.com)

The largest curtain and woven upholstery mill in the world.





**MICRO IT**  
MAKE AND GET MICRO IT CERTIFIED



## INTERNSHIP OFFER LETTER

Gupta Mahek Rajesh  
Software Developer Intern  
College: St. John college of engineering and management

Dear Intern

We are pleased to offer you a 1-month internship at **Micro IT** as a Software Developer in Front End Development. This internship is unpaid, but based on excellence, a post-internship opportunity with **Stipend up to ₹15000** can be given by Micro IT. Your internship batch starts on 15 May to 15 June 2025, and submit your projects as soon as you complete and before 15 June 2025.

### Points to remember

- You have to develop any two projects from the given projects list in your own interested programming languages.
- You can also submit your projects before 15 June.
- You can join the Micro IT by post internship opportunities after completion of this internship.

Looking forward to working with you!

With Best Wishes,  
Mr. Vijay Kumar  
Founder, Micro IT



MICRO IT  
2025  
*Vijay Kumar*

19 May 2025

Manav Mahesh Vartak,  
Add: D3 Sagar CHSL, Dhuri Complex,  
Vasai (W),

Phone: +91 9309244133

Dear Manav,

With Reference to your application and subsequent interviews, it gives us immense pleasure to inform that you have been shortlisted our IOFT (Institute of Futuristic Technologies) Intern as AR/VR Developer Intern for 3 months on the following terms and conditions:

1. The period of your internship would be starting from 19<sup>th</sup> May 2025 until 19<sup>th</sup> Aug 2025.
2. You shall not be entitled to any other compensation or benefit by way of deferred Payment/ wage, overtime, extra duty and/ or other allowances, whatsoever. After completion of Training, the company will decide for the Stipend based on your work and mentor feedback.
3. This is a part-time hybrid internship, and you are expected to develop your Part-time assignment assigned to you by your mentor and are strictly prohibited from undertaking any other direct/ indirect work/ internship honorary or remunerator, except with the written permission of your mentor.
4. At the time of termination or completion of internship, you are required to submit all details, documents, plans, work and ideas created during the period of internship.
5. As an intern you will not be entitled to any other benefits / privileges available to other employees including any lien or right to job opportunities, unless invited for the same by the management.
6. Further subject to verification of the particular was given by you for your internship application. in case any Particular in your application are documents submitted for the same for an appointment with us are found to be false or incorrect, your internship period shall be terminated without any notice whatsoever.
7. Notwithstanding any of the classes of this letter of internship, both the management and you have the right to terminate this internship without giving any notice period, assigning any reason thereof. In such a case neither would any liability through other under any circumstances with immediate effect, whatsoever.

For any more questions regarding the Internship or placement, please contact me by phone +919372020254 or by email. admin@ioft.info

Sincerely,



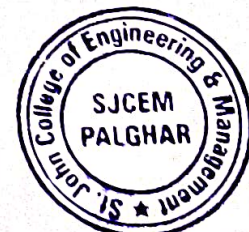
Rahul Gupta, Institute of Futuristic Technologies

Director,

IOFT (Institute of Futuristic Technologies)

admin@ioft.info

+91 9372020254



# Gadre Infotech Pvt. Ltd.

Plot No. FP1 (Part FP-1), Mirjole Block, MIDC, Ratnagiri - 415 639  
CIN: U72900PN2008PTC132263 | Udyam Registration : UDYAM-MH-28-0020274  
GSTIN: 27AADCG3218J1ZO | IEC: 3111016064



## CERTIFICATE OF INTERNSHIP

This is to certify that Mr. Neel Pawaskar, a student of St. John College of engineering and management, has successfully completed their internship at Gadre Infotech Pvt. Ltd. from 01-Jun-2025 to 30-Jun-2025.

During this internship period, he worked under the guidance of our team on the project titled: "Employee Health Portal" (A centralized web-based portal to digitally record and manage employee health data for a company. The system ensures employee wellness by allowing timely access to medical records and enabling data-driven health decisions.)

He was responsible for various aspects of the project, including requirement analysis, UI design, Database design, API Development & integration, testing and documentation. He demonstrated a strong work ethic, eagerness to learn, and a good understanding of technologies used.

We appreciate his contribution to the organization and wish him all the best in future academic and professional endeavours.

Date: 30-Jun-2025



*Heeba*  
Sign

Name: Heeba Mujawar  
Senior Software Developer

Website: [www.gadreinfotech.com](http://www.gadreinfotech.com)

Email: [info@gadreinfotech.com](mailto:info@gadreinfotech.com)

Contact: +91-2352-231640

Our Services: Website Development | Software Development | Mobile Application Development (Android & iOS) |

SAP ABAP Development | Graphic Design | UI and UX Design | SEO and Digital Marketing

# Gadre Infotech Pvt Ltd

Plot No – FP1 (Part FP-1), Mirjole Block, MIDC, Ratnagiri -415 639

Company Reg. No. U72900PN2008PTC132263

Udyog Aadhaar Number: **UDYAM-MH-28-0020274**

IEC: 3111016064

GSTIN NO: 27AADCG3218J1Z0



## INTERNSHIP LETTER

Date: 28-Apr-2025

TO WHOM SO EVER IT MAY CONCERN

This is to confirm that Gadre Infotech Private Limited is offering internship to Mr. Neel Pawaskar pursuing degree in computer engineering from St. John College of engineering and management.

The internship will be of 1 months starting from 01<sup>st</sup> Jun 2025 to 30<sup>th</sup> Jun 2025.

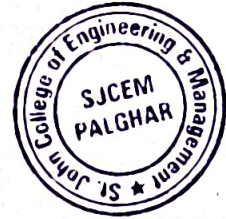
This internship will not have any monetary benefits.

The Intern has to work from 9:00 AM to 6:30 PM, Monday to Friday, with a 30 Minutes lunch break.

Avinash Pendse

Administrator

Gadre Infotech Private Limited.



Head of Department  
Information and Technology Department  
Bajaj Electricals Ltd  
Mumbai

Dated :- 16<sup>th</sup> April, 2025

Dear Sir,

**Subject : Request for arrangement of 60 Hours duration Intense Internship -cum Certification programme in Database Management, Programming & ERP Functional process flow between 16<sup>th</sup> May, 2025 to 15<sup>th</sup> June-2025 for one of our ongoing college student Mr. Vedant Sunil Manake.**

Dear Sir,

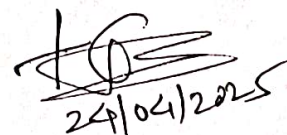
With reference to above captioned subject matter, we wish to inform you that, we will be highly obliged if you can arrange **for 60 Hours intense internship cum- certification program in Database Management, programming & ERP Functional process flow** in your esteem organization completed to one of our student **Mr. Vedant Sunil Manake currently studying in 2<sup>nd</sup> year Computer Engineering stream from our college St. John College of engineering and Management at Palghar** as part of his current curriculum academic year activity.

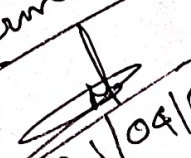
We request you to enroll his name above said course, which will help him in imparting practical & hand-on hand field training to develop his career in near future.


Once again thanking you to provide him with this opportunity at the earliest.

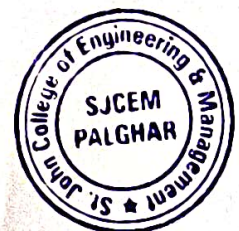
Yours Faithfully,  
For St. John College of Engineering and Management

Authorised Signatory (Internship In Charge)

  
24/04/2025

Permitted  
  
21/04/2025

To, HOD Sir,  
Respected Sir,  
please consider  
favorable to provide  
me  
  
25/04/25



Date: 18/05/2025

## Internship Offer Letter

Dear Saurabh Subhash Vanjari *SE*

Robota Classroom & Solutions is pleased to offer you an internship opportunity as a **Python Development**. This position is located in pune Maharashtra.

The duration of the internship will be 15 Days.

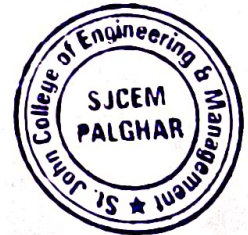
Reporting person- Onkar Deshpande.

**Perks:**

Internship certificate, Industry Base Certificate.

*Atharva Gaopande*

Signature  
Atharva Gaopande  
Founder, Robota Classroom.



# INDRADEEP

Information Technologies Pvt. Ltd.

## OFFER LETTER: ENGINEERING INTERN

19/05/2025

To,  
Jeevan Abasaheb Bhandare, SE  
Computer Engineering Dept.,  
St. John College of Engineering & Management,  
Palghar-Manor Rd, Shakti Udyog, Palghar Mumbai.

Dear Jeevan Abasaheb Bhandare,

On behalf of Indradeep Information Tech. Pvt. Ltd., I am excited to extend an offer to you for an internship position within our IT Infra Dept. This position is located in Sangli. The position is for a Trainee Engineer.

This position is scheduled to begin 25<sup>th</sup> May and will be a 4 weeks internship opportunity ending on 24<sup>th</sup> June 2025. In this role, you will report directly to MR. Myuresh Sutar. This offer is contingent upon the successful completion of Internship Training. Please be sure to bring Institute sensation Letter with you on your first day to complete your profile.

During your temporary employment with Indradeep InfoTech, you may have access to trade secrets and confidential or proprietary business information belonging to Indradeep InfoTech. By accepting this offer, you acknowledge that this information must remain confidential and agree to refrain from using it for your own purposes or disclosing it to anyone outside of Indradeep InfoTech. By accepting this offer, you acknowledge that your participation in this program is not an offer of employment, and successful completion of the program does not entitle you to an employment offer from Indradeep InfoTech.

This offer letter represents the full extent of the internship offer and supersedes any prior conversations about the position. We look forward to having you begin your career at Indradeep InfoTech and wish you a successful internship. Welcome to our team!

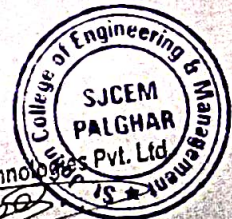
Sincerely,

Maheshkumar Lakade,  
CEO, Indradeep Information  
Technology Pvt. Ltd.

Gheware Capital, 1st Floor, Near Bus Stand,  
Shiyaji Statue Road, Sangli (Mah.) 416 416  
Tel. 0233-2339497/98, Mob. 07755992200  
Web : www.indradeepinfotech.com  
E-mail : indradeep.infotech@gmail.com



Indradeep Information Technologies Pvt. Ltd.  
*(Signature)*  
Director/Authorised Signatory



Date: 18/05/2025

## Internship Offer Letter

Dear Sanjiv Prajapati

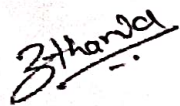
Robota Classroom & Solutions is pleased to offer you an internship opportunity as a **Python Development**. This position is located in pune Maharashtra.

The duration of the internship will be 15 Days.

Reporting person- Onkar Deshpande.

**Perks:**

Internship certificate, Industry Base Certificate.



Signature  
Atharva Gaopande  
Founder, Robota Classroom.



Date: 18/05/2025

## Internship Offer Letter

Dear Pushendra Yadav

Robota Classroom & Solutions is pleased to offer you an internship opportunity as a **Python Development**. This position is located in pune Maharashtra.

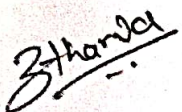
The duration of the internship will be 15 Days.

Reporting person- Onkar Deshpande.

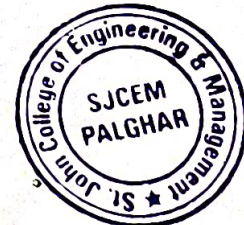
Perks:

Internship certificate, Industry Base Certificate.

**ROBOTA**  
Classroom & Solution



Signature  
Atharva Gaopande  
Founder, Robota Classroom.





# MICRO IT

MAKE AND GET MICRO IT CERTIFIED



## INTERNSHIP OFFER LETTER

Urvi Harish Khandelwal  
Software Developer Intern  
College: AET's St. John College of Engineering and Management Palghar

Dear Intern

We are pleased to offer you a 1-month internship at **Micro IT** as a Software Developer in Front End Development. This internship is unpaid, but based on excellence, a post-internship opportunity with **Stipend up to ₹15000** can be given by Micro IT. Your internship batch starts on 15 May to 15 June 2025, and submit your projects as soon as you complete and before 15 June 2025.

### Points to remember

- You have to develop any two projects from the given projects list in your own interested programming languages.
- You can also submit your projects before 15 June.
- You can join the Micro IT by post internship opportunities after completion of this internship.

Looking forward to working with you!

With Best Wishes,  
Mr. Vijay Kumar  
Founder, Micro IT



MICRO IT  
2025  
*Vijay Kumar*

Ambala -Haryana, India

LinkedIn: Micro IT

Microit.in@gmail.com



# MICRO IT

MAKE AND GET MICRO IT CERTIFIED



## INTERNSHIP OFFER LETTER

Royal kurmi  
Software Developer Intern  
College: St John's college of engineering

Dear Intern

We are pleased to offer you a 1-month internship at **Micro IT** as a Software Developer in Back End Development. This internship is unpaid, but based on excellence, a post-internship opportunity with **Stipend up to ₹15000** can be given by Micro IT. Your internship batch starts on 15 May to 15 June 2025, and submit your projects as soon as you complete and before 15 June 2025.

### Points to remember

- You have to develop any two projects from the given projects list in your own interested programming languages.
- You can also submit your projects before 15 June.
- You can join the Micro IT by post internship opportunities after completion of this internship.

Looking forward to working with you!

With Best Wishes,

Mr. Vijay Kumar

Founder, Micro IT

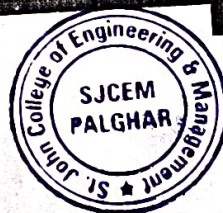
*Priyanka Chaudhary*  
HR: Phone No:- 7777015050

MICRO IT  
2025  
*Mr. Vijay Kumar*

Ambala -Haryana, India

LinkedIn: Micro IT

Microit.in@gmail.com





**MICRO IT**  
MAKE AND GET MICRO IT CERTIFIED



## INTERNSHIP OFFER LETTER

Nitin Dattatray Maskar  
Software Developer Intern  
College: St. John college of engineering and management

Dear Intern

We are pleased to offer you a 1-month internship at **Micro IT** as a Software Developer in Back End Development. This internship is unpaid, but based on excellence, a post-internship opportunity with **Stipend up to ₹15000** can be given by Micro IT. Your internship batch starts on 15 May to 15 June 2025, and submit your projects as soon as you complete and before 15 June 2025.

### Points to remember

- You have to develop any two projects from the given projects list in your own interested programming languages.
- You can also submit your projects before 15 June.
- You can join the Micro IT by post internship opportunities after completion of this internship.

Looking forward to working with you!

With Best Wishes,  
Mr. Vijay Kumar  
Founder, Micro IT

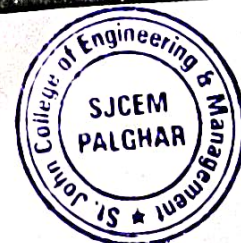
Priyanka choudhary  
HR phone NO:- 7177015050


Ambala -Haryana, India

LinkedIn: Micro IT

Microit.in@gmail.com





# MICRO IT

MAKE AND GET MICRO IT CERTIFIED



## INTERNSHIP OFFER LETTER

Neha Vijay Parab  
Software Developer Intern  
College: St. John College of Engineering and Management

Dear Intern

We are pleased to offer you a 1-month internship at Micro IT as a Software Developer in Front End Development. This internship is unpaid, but based on excellence, a post-internship opportunity with Stipend up to ₹15000 can be given by Micro IT. Your internship batch starts on 15 May to 15 June 2025, and submit your projects as soon as you complete and before 15 June 2025.

### Points to remember

- You have to develop any two projects from the given projects list in your own interested programming languages.
- You can also submit your projects before 15 June.
- You can join the Micro IT by post internship opportunities after completion of this internship.

Looking forward to working with you!

With Best Wishes,  
Mr. Vijay Kumar  
Founder, Micro IT

Priyanka Choudhary, HR  
777015050

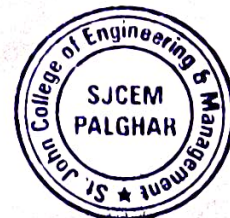


*Vijay Kumar*

Ambala-Haryana, India

LinkedIn: Micro IT

Microllt.in@gmail.com





Dear Aaryan Anup Bardhan,

We are pleased to inform you of your appointment as an Internship Trainee at Kesari Tours pvt.ltd . Your skills and enthusiasm will contribute significantly to our team. Here are the details of your internship:

Internship Title: Internship Trainee - IT Department.

Internship Duration: From Start Date : 02 June 2025 to 31<sup>st</sup> August 2025

Internship Terms and Conditions:

- This internship is for a fixed period and does not guarantee employment post-completion.
- If you discontinue the internship early, you must provide a notice period of 15 working days.
- The company reserves the right to terminate the internship if performance or conduct is unsatisfactory.



19 May 2025

Manav Mahesh Vartak,  
Add: D3 Sagar CHSL, Dhuri Complex ,  
Vasai (W),

Phone: +91 9309244133

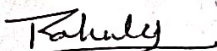
Dear Manav,

With Reference to your application and subsequent interviews, it gives us immense pleasure to inform that you have been shortlisted our IOFT (Institute of Futuristic Technologies) Intern as AR/VR Developer Intern for 3 months on the following terms and conditions:

1. The period of your internship would be starting from 19<sup>th</sup> May 2025 until 19<sup>th</sup> Aug 2025.
2. You shall not be entitled to any other compensation or benefit by way of deferred Payment/ wage, overtime, extra duty and/ or other allowances, whatsoever. After completion of Training, the company will decide for the Stipend based on your work and mentor feedback.
3. This is a part-time hybrid internship, and you are expected to develop your Part-time assignment assigned to you by your mentor and are strictly prohibited from undertaking any other direct/ indirect work/ internship honorary or remunerator, except with the written permission of your mentor.
4. At the time of termination or completion of internship, you are required to submit all details, documents, plans, work and ideas created during the period of internship.
5. As an intern you will not be entitled to any other benefits / privileges available to other employees including any lien or right to job opportunities, unless invited for the same by the management.
6. Further subject to verification of the particular was given by you for your internship application. in case any Particular in your application are documents submitted for the same for an appointment with us are found to be false or incorrect, your internship period shall be terminated without any notice whatsoever.
7. Notwithstanding any of the classes of this letter of internship, both the management and you have the right to terminate this internship without giving any notice period, assigning any reason thereof. In such a case neither would any liability through other under any circumstances with immediate effect, whatsoever.

For any more questions regarding the Internship or placement, please contact me by phone +919372020254 or by email. admin@ioft info

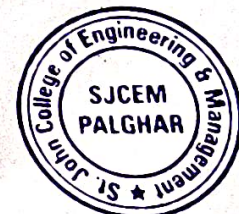
Sincerely,



Rahul Gupta,  
Director,  
IOFT (Institute of Futuristic Technologies)  
[admin@ioft.info](mailto:admin@ioft.info)  
+91 9372020254



MJD



## Industry Certification Shedule

B.Tech & T.Tech Students

Time : 9:00 A.M. to 4:30 P.M.

Slot 2

Company Name	Domain	Lab to Be Used During Sessions	Duration	I/C Department	Faculty Coordinator	Start Date	End Date
Jetking	Cyber-Security	COMP LAB 1 (SPA LAB)	30	CSDS	Dr Sunny Sall	9th Dec 2024	14th Dec 2024
Anudip Foundation-IBM	AI & Professional. (CCNA)	COMP LAB 5 & COMP LAB 6 (CCNA)	30	AIML	Ms. Juijy Tarade	9th Dec 2024	14th Dec 2024
Institute of Futuristic Technology	AR-VR	NEW LAB 1	30	COMP	Mr Ashish Khot	6th Dec 2024	14th Dec 2024
	Game Development		30				14th Dec 2024
	Prompt Engineering & AI	COMP LAB 2 & COMP LAB 3	30	CIVIL	Mr Sonu Tiwari	9th Dec 2024	14th Dec 2024
Vama Skylight	Drone	WIRELESS LAB/CLASSROOM	30	ECS	Ms Joslyn Gracias	9th Dec 2024	14th Dec 2024
	Robotics	NEW CLASSROOM (4TH FLOOR)	30	MECH	Mr Sanagam Rane	9th Dec 2024	14th Dec 2024
Cadline Infotech	Creo	CAD CAM LAB (TE_MECH)	20	MECH / CIVIL	Mr Uday Prajapati	9th Dec 2024	14th Dec 2024



*Prof. P. P. Patil*

*[Signature]*

**Industry Certification Shedule  
B.Tech & T.Tech Students  
Time : 9:00 A.M. to 4:30 P.M.**

**Slot 1**

Company Name	Domain	Lab to Be Used During Sessions	Duration	I/C Department Faculty Coordinator	Start Date	End Date
Kantascript	Sql	MMS LAB	30	Mr Adil Shaikh	2nd Dec 2024	14th Dec 2024
	Dotnet		30			
Jetking	CCNA	COMP LAB 1 (SPA LAB)	30	Ms. Oniza Shaikh	2nd Dec 2024	7th Dec 2024
Anudip Foundation-IBM	AI & Professional. (Cyber Security)	COMP LAB 5 & COMP LAB 6 (Cyber Security)	30	Ms. Jyuly Tarade	2nd Dec 2024	7th Dec 2024
testriq	Data Science	NEW LAB 1	30	Mr Sonu Tiwari	2nd Dec 2024	7th Dec 2024
Rigel Infotech	Flutter	IT LAB 3 & IT LAB 4	30	Ms. Tanvi Patil	2nd Dec 2024	14th Dec 2024
	Memstack		30			
Tech Ustaad	AWS	CCA LAB & CCB LAB	30	Ms Pranithi Patil	2nd Dec 2024	14th Dec 2024
	Memstack		30			
Block Intelligence	Blockchain Basics	NEW LAB 2	30	Ms. Rosy Pradhan	2nd Dec 2024	14th Dec 2024
	Blockchain & AI		30			
Cadline Infotech / Codify Institute	Creo	IT Lab 1 (BE, MECH)	34	Mr Uday Prajapati	2nd Dec 2024	7th Dec 2024
	Solid Works	CAD_CAM LAB (TE, MECH)	20	Mr Uday Prajapati	2nd Dec 2024	7th Dec 2024
	Data Analytics	LAB 6	34		2nd Dec 2024	7th Dec 2024
	IOT	EMBEDED LAB/CLASSROOM	30	Ms. Hiral Patel	2nd Dec 2024	7th Dec 2024



*(Handwritten signature)*

*(Handwritten signature)*



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201

NAAC Accredited with Grade A++ Three Programs NBA Accredited



## EXTC TE TRACKWISE MARKSHEET (Industrial Certification 24-25)

Roll No	Name of Student	Branch	PID Number	Course_1	Marks (25)	G-grade	Course_2	Marks (25)	Grade
1	Sarvesh ambhire	EXTC	EU2223005	CCNA	25	O	AI & Professional	23	O
2	Vedanti Dahiwale	EXTC	EU2223002	Robotics	16	C	IOT	20	O
3	Deora Sureshkumar Toyaram Kamla	EXTC	EU2223006	Robotics	17	C	IOT	18	B
4	Ankit Ramesh Dubey	EXTC	EU1223002	AR-VR	25	O	Game Development	25	O
5	Gangthade Vishal Shivaji Venubai	EXTC	EU2223008	Robotics	16	C	IOT	18	B
6	Kaustubh vinod ghude	EXTC	EU2223001	Drone	22	O	Data Analytics	22	O
7	Sudhanshu Santosh Kaneri	EXTC	EU1223004	Robotics	16	C	IOT	18	B
8	Prince Mishra	EXTC	EU1223005	Robotics	17	C	IOT	19	A
9	Om Vinayak Patil	EXTC	EU1223010	Cybersecurity,	8	Fail	AI & Professional	19	A
10	Tejas Patil	EXTC	EU2223004	Cybersecurity,	21	D	AI & Professional	19	A
11	Shreepad Parohit	EXTC	EU2223003	CCNA	17	C	AI & Professional	21	O
12	Shaikh Bismah Rehan	EXTC	EU1223012	Robotics	17	C	IOT	19	A
13	Harshwardhan Bhaskar sonone	EXTC	EU2223007	Cybersecurity,	13	D	AI & Professional	17	C
14	Vanmali Kaustubh Ravindra	EXTC	EU1223001	Robotics	19	A	IOT	20	O
15	Ground Amandeep Keshav Chandade	EXTC	EU1213006	Robotics	18	B	Prompt Engineering	19	A

*[Signature]*

Department Internship Coordinator  
Ms. Hiral Patel



*[Signature]*

HOD EXTC  
Dr. P. Ghonge



# St. John College of Engineering and Management

Autonomous Institute  
(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE  
DTE Code : 3218 AICTE Permanent ID : 1-4790201

NAAC Accredited with Grade 'A++', Three Programs NBA Accredited



## ECs TE TRACKWISE MARKSHEET (Industrial Certification 24-25)

Roll No	Name of Student	Branch	PID Number	Course_1	Marks (25)	Grade	Course_2	Marks (25)	Grade
1	Adhikari Soham Sanjay Sanjivani	ECS	EU2227003	Robotics	16	C	IOT	18	B
2	Ayush bal	ECS	EU1227017	Cybersecurity,	19	A	AI & Professional	23	O
3	Suyash banate	ECS	EU1227029	Blockchain Basics	20	O	Blockchain & AI	20	O
4	Dhanashree Bhoir	ECS	EU2227016	AR-VR	21	O	Game Development	21	O
5	Niraj Santosh Bhurki	ECS	EU1227014	Robotics	17	C	IOT	21	O
6	Harsh suryakant chaudhari	ECS	EU2227011	Flutter	21	O	Memstack	23	O
7	Sanskar Sanjay Chaudhari	ECS	EU2227008	Cybersecurity,	19	A	AI & Professional	22	O
8	Prakhar Das	ECS	EU1227006	AR-VR	24	O	Game Development	24	O
9	Ankit Sanjay Gajbhiye	ECS	EU2227022	AR-VR	22	O	Game Development	22	O
10	Moiz Gawandi	ECS	EU1227003	Drone	20	O	Data Analytics	22	O
11	Ashray Parmeshwar Gowda	ECS	EU2227001	AR-VR	22	O	Game Development	22	O
12	Deep Manish Kale	ECS	EU2227005	Drone	21	O	Data Analytics	24	O
13	Suman lenka	ECS	EU2227002	Drone	21	O	Data Analytics	21	O
14	Ayaan Lulania	ECS	EU2227007	Cybersecurity,	13	D	AI & Professional	21	O
15	Srushti Arun Mangela	ECS	EU2227004	CCNA	17	C	AI & Professional	21	O
16	Niyati Jayesh Meher	ECS	EU1227002	AR-VR	21	O	Game Development	21	O
17	Ashutosh mishra	ECS	EU1227043	Cybersecurity,	19	A	AI & Professional	21	O
18	Kautil Arvind Mohite	ECS	EU2227017	Sql	18	B	Dotnet	16	C
19	Mrunmay Pramod More	ECS	EU2227006	CCNA	25	G	AI & Professional	22	O
20	Swayam Nageshkar	ECS	EU1227040	IOT	19	A	Robotics	19	A



21	Yash Satish Neve	ECS	EU2227012	AR-VR	22	O	Game Development	22	O
22	Dhruvika Samir Patil	ECS	EU1227010	Blockchain Basics	22	O	Blockchain & AI	19	A
23	Hardik Bhai Patil	ECS	EU1227051	Blockchain Basics	21	O	Blockchain & AI	22	O
24	Hiruthik Jatin Patil	ECS	EU1227024	Blockchain Basics	21	O	Blockchain & AI	23	O
25	Mohit Tukaram Patil	ECS	EU2227015	Blockchain Basics	21	O	Blockchain & AI	22	O
26	Piyush Hareshwar Patil	ECS	EU1227042	Drone	20	O	Data Analytics	21	O
28	Vedant Rana	ECS	EU1227045	Blockchain Basics	19	A	Blockchain & AI	21	O
30	Harsh Nilesh Raut	ECS	EU1227023	Blockchain Basics	19	A	Blockchain & AI	22	O
31	Abhishek ray	ECS	EU1227001	Flutter	21	O	Memstack	25	O
33	Ayush Sharma	ECS	EU1227012	CCNA	25	O	AI & Professional	23	O
34	Rohit Santosh Sharma	ECS	EU2227023	AR-VR	22	O	Game Development	22	O
35	Utkarsh Anurag Sharma	ECS	EU1227036	AR-VR	16	C	Game Development	15	C
36	ADITI SINGH	ECS	EU1227048	Robotics	16	C	IOT	18	B
38	Manasvi Satendra Vade	ECS	EU1227034	CCNA	16	C	AI & Professional	22	O
39	Aishwarya Ankush Varekar	ECS	EU1227037	Blockchain Basics	21	O	Blockchain & AI	20	O
40	Atharva Varekar	ECS	EU1227038	CCNA	21	O	AI & Professional	23	O
41	Punit Ajay Verma	ECS	EU1227007	Blockchain Basics	23	O	Blockchain & AI	20	O
42	Shreyas wade	ECS	EU2227014	AR-VR	21	O	Game Development	21	O
43	Rohit Yadav	ECS	EU2227021	AR-VR	21	O	Game Development	21	O
44	Yashneil Nagesh Davane	ECS	EU1227033	Drone	22	O	Data Analytics	23	O
45	Labhesh Ganesh Dhanmeher	ECS	EU1227013	Drone	22	O	Data Analytics	24	O
46	Khushi Abhimanyu Prasad Gupta	ECS	EU1227026	Sql	20	O	Dotnet	21	O
47	Tushar Eknath khodbe	ECS	EU2227018	CCNA	25	O	AI & Professional	24	O
48	Prakash Narbahadur Mahara	ECS	EU1227005	Drone	22	O	Data Analytics	23	O
49	Meet Malkar	ECS	EU2227013	Robotics	15	C	IOT	19	A
50	Chetan Vishnu Nagargoje	ECS	EU1227019	Drone	22	O	Data Analytics	23	O



51	Amit Kishore Panda	ECS	EU1227008	CCNA	24	O	AI & Professional	24	O
52	Yashashree Amar Panthale	ECS	EU1227004	CCNA	15	C	AI & Professional	21	O
53	Sanjeev Pathak	ECS	EU1227009	Robotics	16	C	IOT	22	O
54	Pranjal Kantilal Patil	ECS	EU1227052	Drone	21	O	Data Analytics	22	O
55	Tejal Dinesh Pati	ECS	EU1227046	Sql	20	O	Dotnet	22	O
56	Omkar Sadashiva Poojary	ECS	EU1227015	Robotics	17	C	IOT	22	O
57	Vaishnav Sanjay Swami	ECS	EU1227020	Blockchain Basics	19	A	Blockchain & AI	22	O
	Singh Prachi Dharendra Shweta	ECS	EU1227053	Robotics	15	C	IOT	16	C
	Raut Arya Rupesh Sarika	ECS	EU2227010	Robotics	15	C	IOT	15	C



**Department Internship Coordinator**

Ms. Hiral Patel

  
**HOD EXT C**

Dr. P. Ghonge





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201

NAAC Accredited with Grade 'A++' Three Programs NBA Accredited



## EXTC/ECS SE TRACKWISE MARKSHEET (Industrial Certification 24-25)

Roll No	Name of Student	Branch	PID Number	Course_1	Marks (25)	Grade	Course_2	Marks (25)	Grade
1	Ansari Halimahmad Shamim Raisani	ECS	EU1237047	CCNA	19	A	AI & Professional	19	A
2	Bag Maryam Balas Belamati	ECS	EU1237003	CCNA	20	O	AI & Professional	21	O
3	Chogale Mohit Vilas Vaibhavi	ECS	EU1237040	CCNA	22	O	AI & Professional	18	B
4	Bhopi Vaibhav Jayesh Jayslvi	ECS	EU1237015	CCNA	19	A	AI & Professional	16	C
5	Bhandarkar Kunal Mahendra Nitu	ECS	EU1237030	Edunet	13	C	Edunet	13	C
6	Chogale Chirag Chandrakant Pragati	ECS	EU1237004	CCNA	19	A	AI & Professional	20	O
7	Chougale Shubham Chandrakant Mani	ECS	EU1237005	CCNA	19	A	AI & Professional	21	O
8	Goswami Niteshpuri Indrapuri Sohar	ECS	EU1237019	CCNA	20	O	AI & Professional	21	O
9	Gupta D-rav Umesh Seema	ECS	EU1237035	CCNA	20	O	AI & Professional	18	B
10	Devashi Minish Babulal Sagi	ECS	EU1237016	CCNA	15	C	AI & Professional	22	O
11	Kamble Nirbhay Babasaheb Varsha	ECS	EU1237018	CCNA	20	O	AI & Professional	16	C
12	Ghatak Krish Rukesh Kadambari	ECS	EU1237001	CCNA	16	C	AI & Professional	19	A
13	Kanojya Vikas Virendra Manju	ECS	EU1237034	CCNA	20	O	AI & Professional	19	A
14	Jadhav Rishi Dayanand Divya	ECS	EU1237028	CCNA	19	A	AI & Professional	17	C
15	Gharat Shreyash Subhash Shashikala	ECS	EU1237010	CCNA	19	A	AI & Professional	21	O
16	Marjreka - Nishit Bhaskar Manisha	ECS	EU1237038	CCNA	16	C	AI & Professional	19	A
17	Kurkute Asmita Kashinath Geeta	ECS	EU1237014	CCNA	20	O	AI & Professional	18	B
18	Marde Kanak Pravin Jayslree	ECS	EU1237042	CCNA	16	C	AI & Professional	20	O
19	More Preet Sadanand Nujan	ECS	EU1237036	CCNA	16	C	AI & Professional	17	C
20	Mishra Ayush Manikant Sangeeta	ECS	EU1237033	CCNA	19	A	AI & Professional	17	C
21	Paatra Kar Selina Manoj Sonal	ECS	EU1237023	CCNA	20	O	AI & Professional	21	O
22	Patil Yashvika Mohan Manali	ECS	EU1237024	CCNA	20	O	AI & Professional	18	B



23	Patil Mit Surendra Nilam	ECS	EU1237027	CCNA	18	B	AI & Professional	13	D
24	Rana Harshal Ashish Hetal	ECS	EU1237020	CCNA	19	A	AI & Professional	18	B
25	Pandey Gaurav Ramkrishna Aarti	ECS	EU1237002	CCNA	19	A	AI & Professional	19	A
26	Patil Pavi Deyanand Vrushali	ECS	EU1237031	CCNA	22	O	AI & Professional	20	O
27	Sharma Anurag Brajibhushan Anasani	ECS	EU1237021	CCNA	19	A	AI & Professional	19	A
28	Shinde Vikrant Kamlesh Kusum	ECS	EU1237025	CCNA	16	C	AI & Professional	16	C
29	Patil Shruti Mahendra Mayuri	ECS	EU1237006	CCNA	15	C	AI & Professional	22	O
30	Prajapati Ritesh Ramchandra Asha	ECS	EU1237037	CCNA	20	O	AI & Professional	18	B
31	S.Madhav C.Sathandira Pandi S.Rajeev	ECS	EU1237007	CCNA	19	A	AI & Professional	18	B
32	Thakur Khushboo Jitendra Rubi	ECS	EU1237026	CCNA	18	B	AI & Professional	18	B
33	Ratiod Mohit Ashwin Anjana	ECS	EU1237043	CCNA	20	O	AI & Professional	18	B
34	Upadhyay Yash Deviprasad Manjju	ECS	EU1237041	CCNA	16	C	AI & Professional	17	C
35	Sogale Shivam Dilip Dipal	ECS	EU1237044	CCNA	15	C	AI & Professional	16	C
36	Satar Gaurav Hindurao Savita	ECS	EU1237008	CCNA	19	A	AI & Professional	16	C
37	Singh Aaditya Vinod Neetu	ECS	EU1237012	CCNA	22	O	AI & Professional	21	O
38	Munsuri Irfan Vasi Samsa	ECS	EU1237048	CCNA	20	O	AI & Professional	20	O
39	Tandel Jatin Santosh Sumita	ECS	EU1237009	CCNA	15	C	AI & Professional	21	O
40	Singh Daksh Teekam Anjali	ECS	EU1237013	CCNA	14	C	AI & Professional	14	C
41	Singh Navodita Amat Gadiya	ECS	EU1237046	CCNA	19	A	AI & Professional	20	O
42	Verma Akanksha Indrajeet Nilam	ECS	EU1237045	CCNA	19	A	AI & Professional	19	A
43	Kuwar Chintan Dilip Diksha	ECS	EU1227018	CCNA	17	C	AI & Professional	15	C
44	Bari Dhruv Mahesh Vidya	ECS	EU1227044	Prompt Engineering	14	C	Prompt Engineering	14	C
45	Pevekar Parth Ravindra Riya	ECS	EU1227030	CCNA	17	C	AI & Professional	16	C
46	Satar Atharva Sandeep Sangeeta	ECS	EU1227021	CCNA	16	C	Prompt Engineering	22	O
47	Yadav Umriti Sanjay Punam	ECS	EU1227041	CCNA	15	C	AI & Professional	17	C
48	Ansari Md Sohail Akhtar Anam Madhu	ECS	EU1237017	CCNA	14	C	AI & Professional	15	C
49	Dus Mushkan Shikham Babita	ECS	EU2237002	CCNA	16	C	AI & Professional	17	C
50	Jagdale Ganesh Sanjay Swati	ECS	EU2237003	CCNA	20	O	AI & Professional	19	A



51	Warole Piyush Murlidhar Jyoti	ECS	EU2237001	CCNA	19	A	AI & Professional	20	O
52	Pimple Mihir Kishor Kajal	ECS	EU2237004	CCNA	16	C	AI & Professional	18	B
53	Patil Swikar Sadanand Sonal	ECS	EU2237006	CCNA	17	C	AI & Professional	19	A
54	Gaikwad Mihir Rajendra Bhanumati	ECS	EU2237005	CCNA	20	O	AI & Professional	15	C
55	Jadhav Utkarsha Arun Ashwini	ECS	EU2237009	CCNA	16	C	AI & Professional	21	O
56	Gawad Sarth Dhiraj Aarti	ECS	EU2237013	CCNA	20	O	AI & Professional	16	C
57	Patil Harsh Mukesh Mansi	ECS	EU2237012	CCNA	15	C	Prompt Engineering	21	O
58	Pagdhare Vedant Surendra Sangita	ECS	EU2237019	CCNA	19	A	AI & Professional	18	B
59	Machhi Jili Hitesh Laxmi	ECS	EU2237010	CCNA	16	C	AI & Professional	21	O
60	Meher Prem Prashant Vandana	ECS	EU2237014	CCNA	19	A	AI & Professional	18	B
61	Dabholkar Ansh Ganesh Manisha	ECS	EU2237011	CCNA	21	O	AI & Professional	18	B
62	Varma Ayush Manoj Kalpana	ECS	EU2237015	CCNA	19	A	AI & Professional	19	A
63	Meher Siddhant Kiran Komal	ECS	EU2237020	CCNA	20	O	AI & Professional	17	C
64	Pandit Aryan Sanjay Shweta	ECS	EU2237017	CCNA	20	O	Prompt Engineering	24	O
65	Korpe Nikhil Sandeep Nirmala	ECS	EU2237016	CCNA	19	A	AI & Professional	16	C
66	Parkar Ruchi Sanjay Shruti	ECS	EU2237008	CCNA	20	O	AI & Professional	19	A
67	Parkhe Sarthak Dileep Sunita	ECS	EU2237018	CCNA	20	O	AI & Professional	19	A
68	Patel Smrit Kanayalal Laxmi	ECS	EU2237021	CCNA	18	B	AI & Professional	19	A
69	Parab Om Rajan Rashmi	ECS	EU2237007	CCNA	17	C	AI & Professional	18	B
70	Priyanka sahu	EXTC	EU1223014	CCNA	20	O	AI & Professional	16	C
71	Dwivedi Mangal Indrajeet	EXTC	EU1223008	CCNA	18	B	AI & Professional	18	B
72	Sandip Nath	EXTC	EU1223003	CCNA	19	A	AI & Professional	15	C

*(Signature)*

Department Internship Coordinator

Ms.Hiral Patel



*(Signature)*

HOD EXTC

Dr.P.Chonge



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201

NAAC Accredited with Grade 'A+' Three Programs NBA Accredited



## BE (EXTC) Gradesheet for December 2024 (Industrial Certification 24-25)

Roll No	Name of Student	PID Number	Course_1	Marks (25)	Grade	Course_2	Marks (25)	Grade
1	Tanay Sanjay Chaudhary	EU2213005	CCNA	22	O	AI & Professional,	22	O
2	Chirag dilip gharat	EU2213008	CCNA	20	O	AI & Professional,	22	O
3	Siddhesh Kishor Keni	EU1213002	CCNA	21	O	Data Analytics	23	O
4	Kaustubh More	EU1213005	CCNA	20	O	Memstack	20	O
5	Amal nair	EU2213006	AWS	22	O	Memstack	23	O
6	Gaurav Jaywant Namkoda	EU2213007	Drone	20	O	Data Analytics	23	O
7	Shubham Patil	EU2213001	CCNA	20	O	AI & Professional,	22	O
8	Suraj Satish Patil	EU1213003	CCNA	20	O	Data Analytics	21	O
9	Yash Patil	EU2213003	CCNA	19	A	AI & Professional,	23	O
10	Omkar Raut	EU2213004	CCNA	25	O	AI & Professional,	21	O
11	Manav V Tare	EU2213002	CCNA	18	B	AI & Professional,	21	O
12	Ankur Banshibahadur Yadav	EU1213001	CCNA	16	C	AI & Professional.	22	O

Department Internship  
Coordinator  
Ms. Hiral Patel



HOD EXTC  
Dr. P. Ghonge



# **Experiential Learning Sample Industrial Visits Reports**



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201

NAAC Accredited with Grade 'A+', Three Programs NBA Accredited



## DEPARTMENT OF ELECTRONICS & COMPUTER SCIENCE ENGINEERING ACADEMIC YEAR 2024-25

### Industrial Visit

Sr. No.	Industry	Place	Date	No. of students	Outcomes
1	MIRC Electronics Ltd Onida	Wada ,Palghar	17th July, 2024	70	1.Gained insight into the sequential TV assembly process, from end product integration to component integration. 2.Learnt about quality control methods, testing protocols, and quality testing techniques used to guarantee product dependability. 3.Learnt about the advanced technology and automated systems used in TV production.
2	ISRO, VOLVO, and Mapro	Coimbatore/Ooty / Mysore/Bangalore	(11th – 18th December 2024	5	The industrial visit was a perfect combination of learning, exploration, and enjoyment. Students gained industry insights from ISRO, VOLVO, and Mapro, while also experiencing the rich culture and beauty of South India. This journey not only strengthened academic knowledge but also created lifelong memories
3	Innovative Ideas Exhibition, Nehru Planetarium	Worli, Mumbai	07/02/25	75	To provide a more comprehensive learning experience future exhibitions could feature a wider range of technologies and projects from fields like artificial intelligence lot and renewable energy. This would give students exposure to a broader spectrum of energy emerging technologies.
4	BIS Lab	Andheri, Mumbai	26th March 2025	30	The visit to BIS Lab Andheri was an eye-opening experience, providing deep insights into the scientific methods of product testing, certification, and quality control. Students learned how different industries ensure safety,





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201

NAAC Accredited with Grade 'A+', Three Programs NBA Accredited



					<p>reliability, and compliance with BIS standards.</p> <p>The practical exposure to real-time testing processes in gold purity testing, microbiology, electrical, mechanical, and chemical laboratories enriched the students' understanding of standardization and quality assurance.</p>
--	--	--	--	--	--

## Field Visit

Sr. No.	Field Name	Place	Date	No. of students	Outcomes
1	Anand Vriddhashram	Palghar	1st October 2024	75	<p>1. Enhanced Empathy and Respect: The visit allowed students to better understand the challenges and joys of aging, encouraging them to develop a greater sense of empathy and respect for the elderly.</p> <p>2. Improved Interpersonal Skills: Through direct interaction, students improved their communication and interpersonal skills, learning how to converse with and listen to people of a different age group</p>

Prof Shilpa Katre  
Industrial Visit In-charge



Dr. P. A. Ghonge  
HoD-EXTC



## REPORT

### MIRC Electronics Ltd Onida, Wada

#### **Overview of the Company :**

The S. M. S. Group established the Indian electronics business Onida business in 1981. It was first well-known for its black-and-white televisions, but it has since broadened its product line to include air conditioners, colour TVs, and household appliances. The company's motto, "Neighbour's envy, Owner's pride," gained a lot of traction and demonstrated its commitment to making fashionable, superior goods. LED TV production began in 1994 at the Wada Company. Here, software testing and quality testing are carried out. It produces LED, LCD, and CRT televisions. The Vasai Plant existed before then. Andheri is home to the design centre. The Washing machine factory is located in Uttarakhand. The Wada plant is dispersed over 55 acres.

**Theme :** Industry Exposure

**Date :** 17th July, 2024

**Target Audience :** TE ECS, TE EXTC & SE ECS Students

**Total Students :** 70

**Event Conduction Duration :** 08:00 am to 05:00 pm

**Event Venue :** MIRC Electronics Ltd. Onida, Kudus Wada, Maharashtra 421312

**Event Organiser :** Prof. Shilpa Katre and Prof. Aishwarya Churi

**Department :** Electronics and Computer Science & Electronics and Telecommunication Engineering

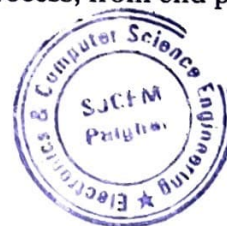
#### **Description of the Industrial Visit :**

An industrial visit was done by our Department of Electronics and Computer Science & Electronics and Telecommunication Department to MIRC Electronics Ltd. Onida. Upon arrival at the company, all were led to the conference room, where Mr. Gokhale welcomed us and gave us a brief overview of the company's establishment in India.

Numerous units were present. Mr. Jatin Panchal provided us with guidance on the several TV assembly process units. First, we saw the Bound Stock Region, or BSR. Next was the dimly lit room, the dark room where the dust was found. Then testing is completed for internet connectivity and wiring. The transport's falling test is then completed. The TV is put through various temperature tests, including a shock test, a cold test, a salt test, and a dry heat chamber at 55 degrees. The walk-in chambers are at 10 degrees. A batch of 100 TV's is inspected in the IOT room. After that, the thermocol is made there. Polyester material that has been heated to expand is used to make castings. There are speaker moulds made. Mr. Mangesh Wagunde is the department's head.

#### **Outcome of the Visit :**

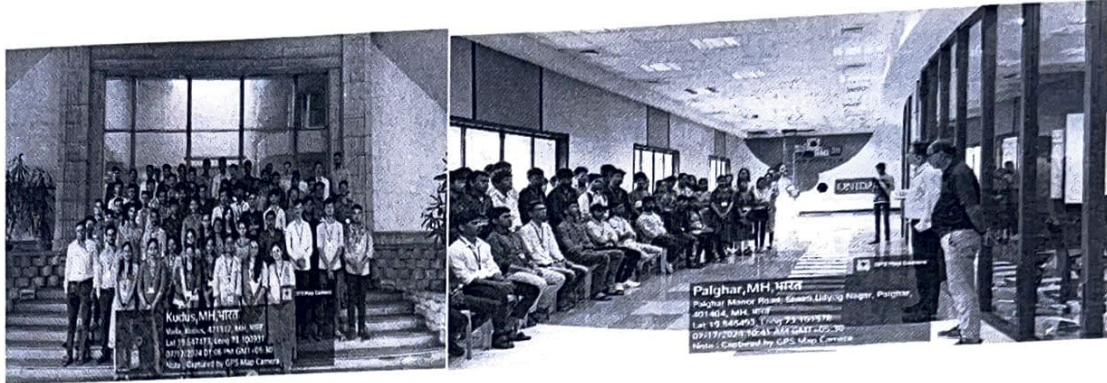
- Gained insight into the sequential TV assembly process, from end product integration to component integration.





- Learnt about quality control methods, testing protocols, and quality testing techniques used to guarantee product dependability.
- Learnt about the advanced technology and automated systems used in TV production.
- Recognised the process of designing, prototyping, and developing new TV models according to market trends and consumer input.

Event Photos :



Prof. Shilpa Katre and  
Prof. Aishwarya Churi  
Faculty Co-ordinator

Dr. Pandharinath Ghonge  
HOD of ECS & EXTC Department





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## Report on Industrial Visit (11th – 18th December 2024)

Destinations: Coimbatore – Ooty – Mysore – Bangalore

Organized By: SJCEM

Participants: 40+

Accompanied by faculty members:

1. Dr Nilesh Deotale
2. Ms. Aishwarya Churi

EXTC and ECS Students list

1. Siddhesh Keni
2. Ankur Yadav
3. Kaustubh More
4. Suraj Patil
5. Atharva Sutar

Day 1 (11th December 2024)

We began our journey from Lokmanya Tilak Terminus, Mumbai by train. The night was filled with excitement and enthusiasm as the trip began.

Day 2 (12th December 2024)

The entire day was spent traveling through beautiful landscapes. Students bonded, played games, and prepared themselves for the upcoming experiences.

Day 3 (13th December 2024)

We reached Coimbatore station in the morning and directly headed to Ooty, a famous hill station. We explored beautiful locations like the Tea Factory and Botanical Garden. The chilly weather added charm to our stay. Students enjoyed various fun activities and shopping.

Day 4 (14th December 2024)

Continued exploring Ooty's scenic beauty. The serene atmosphere, cold breeze, and hilltop views made it a memorable day. It was a perfect mix of nature, fun, and relaxation.

Day 5 (15th December 2024)

We departed for Mysore in the morning. Upon reaching, we visited a beautiful church and spent the evening at the stunning Vrindavan Gardens, enjoying the light and fountain show.

Day 6 (16th December 2024)

Visited Mapro Industry, where students had an interactive session. Industry experts explained the technologies they work on and offered career guidance. Later, we explored the Mysore Palace and the famous Chamundi Temple. The day ended with a fun-filled DJ night, making it one of the most memorable evenings.

Day 7 (17th December 2024)

We left for Bangalore and visited the prestigious ISRO Center. It was a highly informative session on space research, satellite models, and current missions. Later, we visited the ISKCON Temple, experiencing peace and spirituality. We checked in at our stay for rest and relaxation.





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

Day 8 (18th December 2024)

Visited the VOLVO company, where we had a short industrial tour and a session with the team. We learned about manufacturing and operational processes. It was a valuable learning experience. After the visit, we headed to the Bangalore railway station and boarded our return train to Mumbai.

### Photographs:



### Conclusion

The industrial visit was a perfect combination of learning, exploration, and enjoyment. Students gained industry insights from ISRO, VOLVO, and Mapro, while also experiencing the rich culture and beauty of South India. This journey not only strengthened academic knowledge but also created lifelong memories.

Prof. Aishwarya Churi  
Faculty Co-ordinator



  
Dr. Pandharnath Ghonge  
HOD of ECS & EXT C Department



## ST. JOHN COLLEGE OF ENGINEERING & MANAGEMENT

Autonomous Institute  
(A Christian Religious Minority Institute)  
Approved by AICTE, Recognised by DTE and Affiliated to the University of Mumbai, MSBTE  
NAAC A+ Grade | NBA Accredited



Department of Electronics & Computer Science And Electronics & Telecommunication

### REPORT ON INDUSTRIAL VISIT AT WORLI

**Date:** 7<sup>th</sup> February 2025

**Target Audience:** SE ECS/EXTC

**Total Students:** 75

**Reporting Time:** 9:00 am to 1:00 pm

**Event Venue:** Nehru Planetarium, Worli

**Event Organizer:** Faculty of SE ECS/EXTC

**Department:** Electronics and Computer Science & Electronics and Telecommunication Engineering

#### **Description of the Event:**

On 7<sup>th</sup> February 2025, students of SE ECS/EXTC attended an industrial visit to the Worli exhibition at the Nehru Planetarium. The exhibition featured a variety of innovative projects from different domains of technology, including skin care products, sensors, robotics, and logic gates. The visit was an excellent opportunity for students to gain practical exposure to emerging technologies and interact directly with experts in the field. The exhibition displayed a wide range of projects across various technological sectors.

The exhibition featured innovative skin care solutions, focusing on the use of natural and sustainable ingredients. Various types of sensors, including motion, temperature, and proximity sensors, were demonstrated. These technologies are critical in many fields, such as automation, healthcare, and smart devices. The robotics section showcased functional robots that perform tasks in industries like manufacturing and healthcare. Students had the chance to interact with the robots, observe their working mechanisms, and learn about their potential applications.

Students were encouraged to engage with the exhibits directly. Many students experimented with different sensors, interacted with robots, and observed the operations of logic gates. This hands-on experience allowed them to better understand the theoretical concepts learned in their coursework and appreciate the practical applications of those concepts.

The exhibitors were highly knowledgeable and approachable, taking time to explain the details of their projects. Students actively interacted with the presenters, asking questions about the challenges they faced during project development. This interaction enriched the students' learning experience and provided them with insights into the real-world applications of the technologies.

The visit concluded with a Q&A session. Students had the opportunity to ask further questions and clarify any doubts regarding the projects or technologies they had seen. The session was interactive and informative, with discussions about emerging trends in technology, industry applications, and career opportunities in engineering fields.

**Outcomes of the industrial visit at Worli:**



- **Increase Student Participation:** In future visits, it would be beneficial to have more interactive activities or group tasks that encourage greater student participation. This could include workshops or mini-projects related to the technologies displayed at the exhibition.
- **Follow-Up Sessions:** Organizing follow-up sessions after the visit could help reinforce the knowledge gained during the event.
- **Diverse Exhibits:** To provide a more comprehensive learning experience, future exhibitions could feature a wider range of technologies and projects from fields like Artificial Intelligence, IoT (Internet of Things), and renewable energy. This would give students exposure to a broader spectrum of emerging technologies.
- **Guided Tours:** Organizing guided tours with experts for smaller groups of students could provide a more personalized and in-depth understanding of the projects. This would also allow students to ask specific questions and engage more meaningfully with the exhibitors.
- **Collaborative Projects:** Encouraging students to collaborate on projects inspired by the exhibits could promote teamwork and innovation.

**Event Photos:**



*[Handwritten Signature]*

**Faculty Co-Ordinator**



*[Handwritten Signature]*  
Dr. Pandharinath Ghonge

**HOD of ECS/ EXTC**



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## Report on BIS Lab Andheri Visit

**Date of Visit:** 26th March 2025

**Meeting Point:** Andheri Railway Station

**Reporting Time:** 9:00 AM

**Arrival at BIS Lab:** 10:23 AM

**Exit Time:** 2:40 PM

### Introduction:

A group of students from the college participated in an industrial visit to the Bureau of Indian Standards (BIS) Laboratory, Andheri, on 26th March 2025. The visit was organized to provide students with a practical understanding of product testing, certification, and quality assurance processes. Transport was arranged from Andheri Railway Station to BIS Lab, and all students were required to report by 9:00 AM.

To maintain discipline and professionalism, students were instructed to wear formal attire with shoes, carry their college ID cards, and follow strict decorum. Breakfast and lunch were provided to all participants.

### Visit Details & Learnings:

#### **1. Microbiology & Referral Assay Laboratory**

- The lab conducts purity testing of gold and jewelry using advanced techniques.
- X-ray fluorescence (XRF) analysis was demonstrated, which helps in identifying the gold content and other metal compositions in jewelry.
- Melting process: Samples were heated at 1110°C in a furnace, where other metals were absorbed, and only gold remained for purity assessment.
- Chemical testing: HNO<sub>3</sub> (Nitric Acid) was used to dissolve silver, separating it from gold.
  
- The Sterilization Room focused on microbiological testing of milk and water.
- Autoclaving process was explained:
- Samples were subjected to 121°C and 15 psi pressure to kill bacteria and microbes.
- The samples were later cultured on solid agar to check for microbial growth.
- The importance of temperature, sterilization time, and bio-indicator tests was discussed.

#### **2. Electrical Testing Laboratory**

Led by Gajendra Kumar (Technical Department), this section covered testing of wires, electrical toys, motors, and household appliances.

#### **Key tests conducted:**

- Insulation, stretchability, and temperature resistance of wires.
- Switch and socket testing for durability (tested for 40,000 ON/OFF cycles).
- High Voltage (HVDC) Testing to check electrical safety standards.





## St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

### 3. Mechanical Testing Laboratory

Mass and Density Calculation of PVC pipes was demonstrated.

#### Pipe testing:

- Hot Air Oven was used to check the durability of pipes.
- Water Bath and Melt Flow Index Tester measured the pipe's quality.
- Acoustic Chamber was used to test noise resistance.
- Universal Testing Machine (UTM) was used to conduct strength tests on steel and other materials.
- Toy Section: Drop tests were performed on toys to assess their dynamic strength, efficiency, and safety.

### 4. Chemical Laboratory

- Gas Chromatography (GC) was demonstrated for testing pollutants in water.
- Fourier Transform Spectroscopy (FTIR) was used to detect plastic contamination in water.
- Liquid Chromatography (LC) and Ion Chromatography (IC) were used for detailed chemical analysis.

### 5. Advanced Testing Rooms

- Carbon-Sulfur Analyzer: This instrument detects carbon and sulfur levels in metals using induction furnace and infrared sensors.
- Extraction Table: Samples were kept in stability ovens for long-term analysis.
- IRMS Room: Used for cation detection in steel pipelines and preservatives.
- Fume Hood & Washing Area: For chemical handling and safe disposal.

#### Conclusion:

The visit to BIS Lab Andheri was an eye-opening experience, providing deep insights into the scientific methods of product testing, certification, and quality control. Students learned how different industries ensure safety, reliability, and compliance with BIS standards.

The practical exposure to real-time testing processes in gold purity testing, microbiology, electrical, mechanical, and chemical laboratories enriched the students' understanding of standardization and quality assurance.

The visit concluded at 2:40 PM, and students returned with valuable knowledge about industry practices and national standards.





**St. John College of Engineering and Management**  
Autonomous Institute  
(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE  
DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade A+, Three

**Event Photos:**



l  
h  
a  
n

T  
th  
br  
to  
hu

Th  
sto  
wis  
eac

Ev  
1.

2. In  
comm  
differ

3. Cu  
with c

4. Fost  
and th

5. Pers  
residents appreciated the company and attention, while the students found joy in bringing smiles to their faces.

Prof. Joslyn Gracias  
BIS Visit In-charge, ECS /EXTC

Dr. Pandharinath Ghonge  
HoD, ECS/EXTC





## OLD AGE HOME VISIT REPORT

**Date:** 1<sup>st</sup> October 2024

**Target Audience:** SE ECS, TE SPACE Committee Members

**Total Students:** 45

**Event Conduction Duration:** 9.45am to 1:00pm

**Venue:** Anand Vriddhashram, Palghar(W)

**Event Organizer:** Prof. Shilpa Katre & Prof. Aishwarya Churi

**Department:** Electronics and Computer Science

### **Description of the Event:**

As part of the curriculum for the Universal Human Values (UHV) subject, all Second Year (SE) students participated in a visit to an old age home. In addition to SE students, a few Third Year (TE) students from the SPACE Committee also joined the visit. The event aimed to foster intergenerational interaction, promoting empathy, understanding, and respect for the elderly.

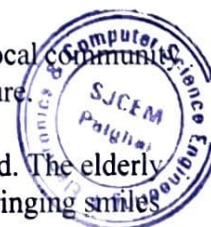
Upon arrival, the students were warmly welcomed by Mrs. Manisha, who manages the old age home. The elderly residents, who had been eagerly waiting, greeted the students with great joy and anticipation. The atmosphere was lively, with both students and the elderly looking forward to meaningful exchanges.

The students, filled with enthusiasm, took the initiative to interact with each resident. As part of the entertainment, several students showcased their singing talents, filling the room with music and bringing smiles to everyone present. In a reciprocal gesture, the elderly residents were encouraged to display their own talents, and many of them participated, sharing stories, songs, and even humorous anecdotes.

The highlight of the visit was when the elderly shared their life experiences with the students. These stories offered valuable insights into past decades and allowed the students to learn about the wisdom and resilience of the older generation. The students made a conscious effort to engage with each resident, ensuring that no one was left out, which fostered a warm and inclusive environment.

### **Event Outcomes:**

1. **Enhanced Empathy and Respect:** The visit allowed students to better understand the challenges and joys of aging, encouraging them to develop a greater sense of empathy and respect for the elderly.
2. **Improved Interpersonal Skills:** Through direct interaction, students improved their communication and interpersonal skills, learning how to converse with and listen to people of a different age group.
3. **Cultural Exchange:** The elderly residents shared stories of their life journeys, providing students with cultural and historical knowledge, which contributed to a broader perspective on life.
4. **Fostering Community Connection:** The visit strengthened the bond between the local community and the younger generation, encouraging more meaningful engagements in the future.
5. **Personal Satisfaction:** Both the students and elderly left the event feeling fulfilled. The elderly residents appreciated the company and attention, while the students found joy in bringing smiles to their faces.



Overall, the visit was a successful and enriching experience for everyone involved, promoting values of compassion, connection, and shared learning.



Prof. Shilpa Katre/ Prof Aishwarya Churi  
UHV In-charge / SPACE Co-Ordinator



Dr Pandharinath Ghonge  
HOD of ECS EXTC



## Industry Visit Report

### 1. Introduction

**Date of Visit:** 20th July 2024

**Company Visited:** Vervali System Pvt. Ltd.

**Location:** Vasai

**Participants:** Third-year Computer Engineering students

**Faculty Coordinator:** Mr. Ajay R. Sirsat

### 2. Objectives of the Visit

The primary objectives of the industry visit were to:

- Provide students with exposure to real-world software engineering practices.
- Understand the application of software engineering process frameworks in an industry setting.
- Observe the implementation of various software development models such as Agile, Waterfall, etc.
- Gain insights into the practical challenges and solutions in requirement engineering and project management.

### 3. Company Overview

Vervali System Pvt. Ltd. is a prominent software development company specializing in providing comprehensive software solutions. The company is known for its expertise in Agile development, quality assurance, and delivering scalable and robust software products.

### 4. Activities During the Visit

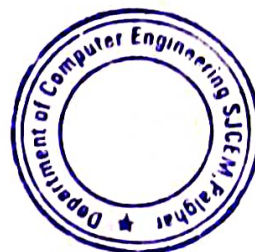
#### 4.1 Welcome and Introduction

The visit began with a warm welcome from the HR team at Vervali System Pvt. Ltd. The students were given an overview of the company's history, vision, and mission. This session provided valuable insights into the company's growth and its contribution to the software industry.

#### 4.2 Presentation on Software Development Process

A detailed presentation was conducted by Mr. Nilesh Jain, CEO, highlighting the various stages of the software development lifecycle. The focus was on:

- Prescriptive Process Models
- Capability Maturity Model (CMM)



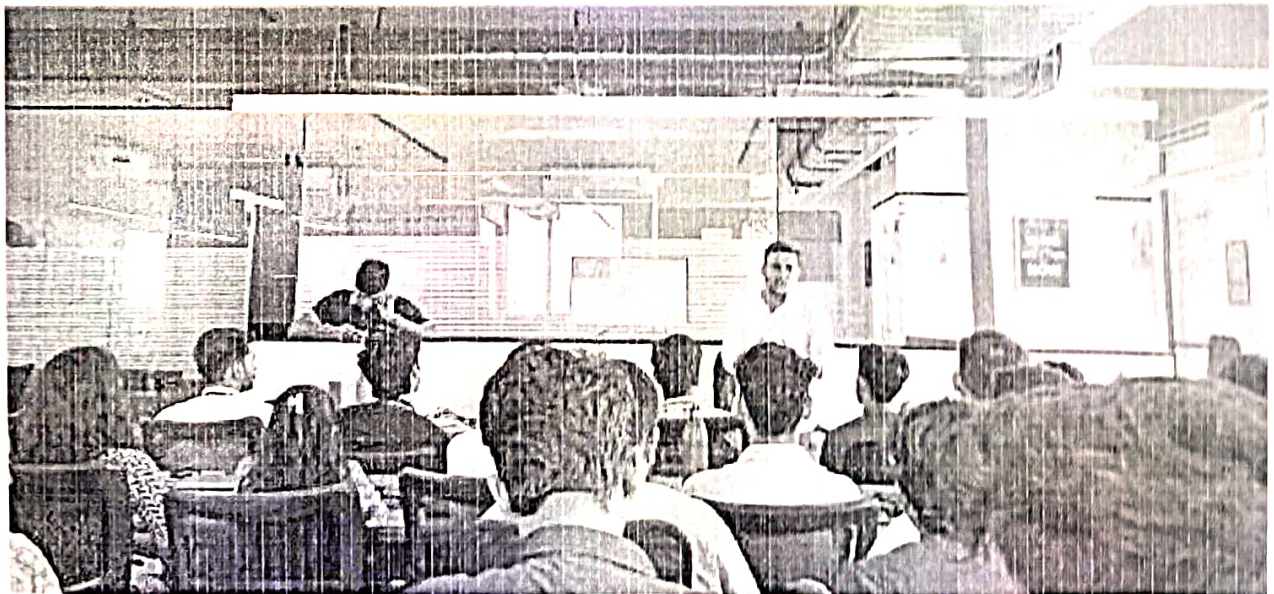
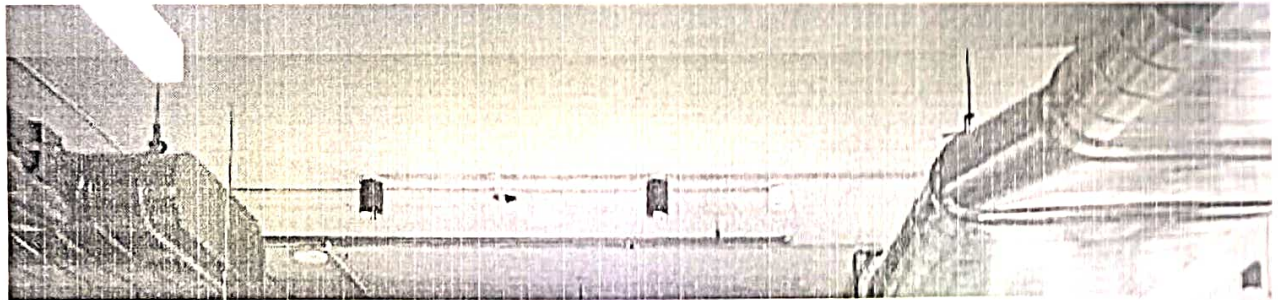


- Waterfall and Incremental Process Models
- Evolutionary Process Models (RAD, Spiral)
- Agile Process Models (Extreme Programming, Scrum, Kanban)
- Requirement Engineering

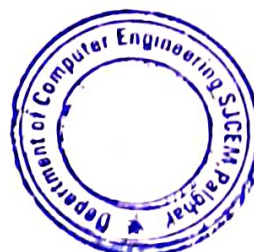
### 4.3 Live Demonstration

The students were taken to the development floor where they observed live projects in action. The development team demonstrated their daily workflow, including:

- Requirement gathering and analysis
- Sprint planning and execution in Scrum
- Continuous integration and continuous deployment (CI/CD) practices
- Quality assurance and testing processes



Mr. Nilesh Jain has shown working of Agile Process.

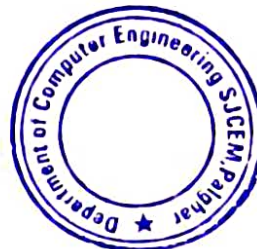




Mr. Nilesh Jain has shown working of Agile Process.



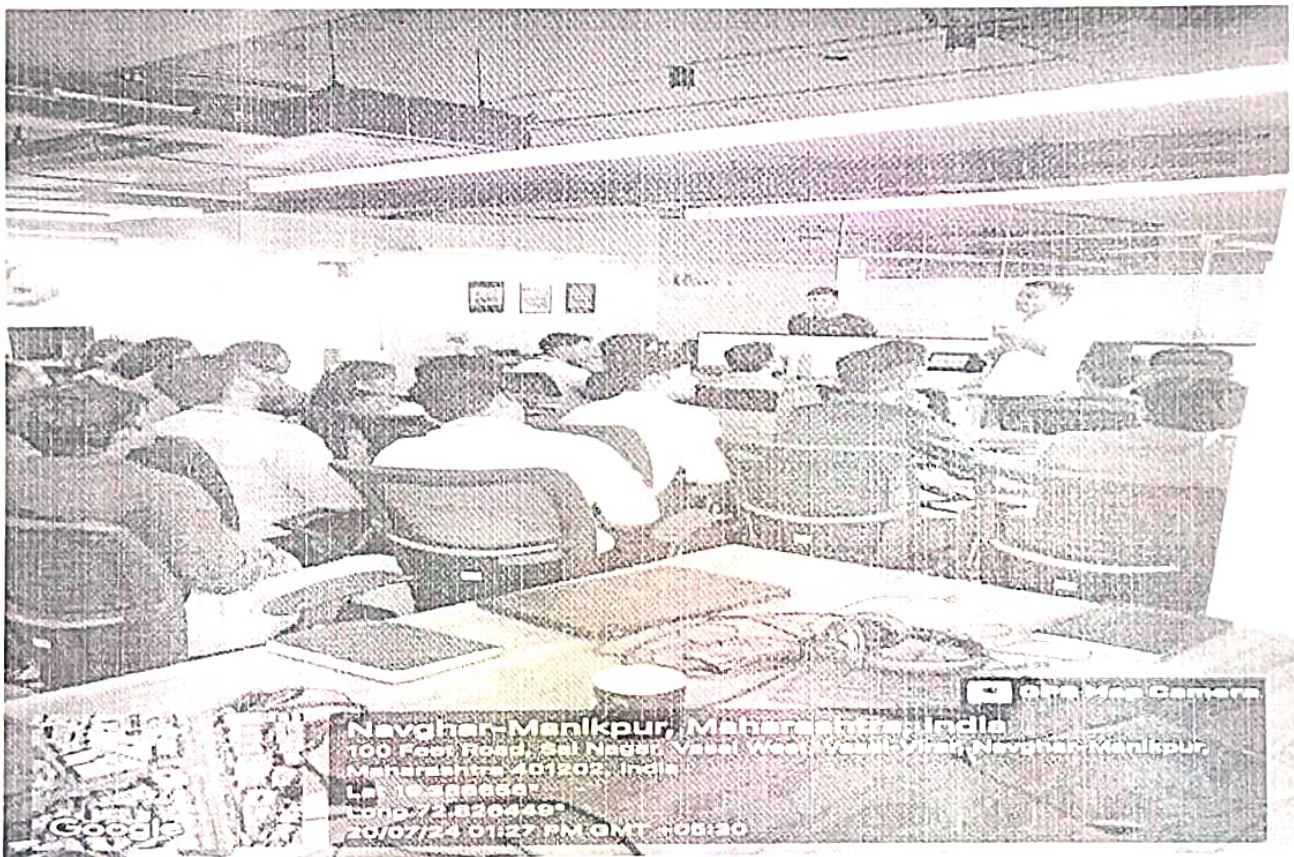
Mr. Rohit Tiwari has shared feedback for the session.





## 4.4 Interactive Session

An interactive Q&A session was conducted where students had the opportunity to ask questions about the software development process, project management, and career opportunities in software engineering. The professionals shared their experiences and provided valuable advice for aspiring software engineers.



Mr. Nilesh Jain is explaining the Agile Process.

## 4.5 Conclusion and Feedback

The visit concluded with a feedback session where Mr. Ajay Sirsat and Mr. Rohit Tiwari shared their experiences and learnings. The company representatives appreciated the enthusiasm and curiosity of the students and encouraged them to pursue excellence in their studies and future careers.





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai, MSRII

1071 Gokhale Road, Vasal-Virar, Navghar-Manikpur, Maharashtra - 401201

NAAC Accredited with Grade 'A', Three Programs, NBA Accredited



## 5. Learnings and Observations

- Understanding of how theoretical concepts of software engineering are applied in a real-world setting.
- Insights into the practical challenges faced during software development and how they are addressed using different process models.
- Exposure to modern software development practices such as Agile, CI/CD, and automated testing.
- Enhanced knowledge about requirement engineering and its critical role in successful project delivery.



Group Photo with Mr. Nilesh Jain and Students





## 6. Conclusion

The industry visit to Vervali System Pvt. Ltd. was highly educational and provided valuable exposure to the students. It bridged the gap between classroom learning and industry practices, motivating students to strive for excellence in their field. The faculty extends heartfelt gratitude to Vervali System Pvt. Ltd. for hosting this enriching visit.

Prepared By

Mr. Ajay R. Sirsat/Mr. Chetan Patil

Dr. Nilesh Deotale

HOD, Comp. Engg.

Head

Department of Computer Engineering  
SJCEM, Palghar.





**Industrial Visit Report: Visit to Vervali System Pvt.Ltd.**

**Table Of Contents**

1. Introduction
2. Objectives Of Visit
3. Overview Of Vervali Software Testing Industry
4. Key Areas Covered During The Visit
5. Learning Outcomes
6. Feedback and Conclusion
7. Photographs

**1. Introduction:-**

Name of the Institution: St.John College of Engineering and Management.

Department: Computer Engineering.

Date of Visit: August 31, 2024

Name of the Industry Visited: Vervali System Pvt.Ltd.

Location: Vasai(West)

Faculty Coordinators: Mr. Ajay Sirsat and

**2. Objectives Of Visit:-**

The main objective of the visit was to provide students with practical exposure to software testing processes, methodologies, and tools used in the industry. It aimed to give students a real-world perspective on how software quality assurance is managed in a professional setting and to understand the role of testing in the software development lifecycle (SDLC).

**3. Overview Of Vervali Software Testing Industry:-**

Vervali Software Testing Industry specialises in providing comprehensive software testing services across various domains. The company is known for its expertise in automated testing, manual testing, performance testing, etc and its commitment to delivering high-quality software solutions.

**4. Key Areas Covered During The Visit:-**

The visit began with an introductory session where students were briefed on the history, mission, and services offered by Vervali Software Testing Industry. Mr.Nilesh Jain founder of Vervali .System Pvt.Ltd, provided an overview of the industry's role in the software development process and its importance in ensuring software reliability and performance. Students were introduced to the different stages of the software testing process, including:





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTI

DTE Code : 3218 AICTE Permanent ID : 1-4790201

NAAC Accredited with Grade 'A+', Three Programs NBA Accredited



**Requirement Analysis:** Understanding the software requirements and planning the testing process accordingly.

**Test Planning:** Crafting a test plan that outlines the strategy, scope, resources, and schedule for testing activities.

**Test Case Development:** Creation of test cases that specify the conditions under which software is tested to verify its functionality.

**Test Execution:** The actual process of running the test cases on the software to identify defects.

**Defect Reporting:** Logging and categorising defects found during testing, along with suggested solutions.

Students had the opportunity to interact with industry professionals specialising in software testing. Discussions were focused on:

- The latest trends and technologies in software testing.
- Challenges faced in testing complex software systems and how they are overcome.
- Career paths in software testing and the skills required to succeed in this field.

The visit included presentations on real-world case studies where Vervali Software Testing Industry successfully managed complex testing projects. These case studies provided insights into:

- Problem-solving approaches adopted in critical testing situations.
- The impact of thorough testing on software quality and customer satisfaction.
- Lessons learned from past projects and how they influence current practices.



Mr. Nilesh Jain, Explaining about the project





The visit to Vervali Software Testing Industry offered students:

**Practical Knowledge:** A better understanding of software testing processes, tools, and techniques.

**Industry Insight:** A glimpse into the day-to-day operations of a software testing company and the challenges faced in ensuring software quality.

**Career Guidance:** Information on the skills and competencies required to build a successful career in software testing.

## 6. Feedback and Conclusion:-

The industrial visit to Vervali Software Testing Industry was an enriching experience that provided valuable insights into the world of software testing. The students found the visit highly informative and were able to relate their academic learning to real-world practices. We extend our sincere thanks to Vervali Software Testing Industry for their warm hospitality and the knowledge shared during the visit.

## 7. Photographs:-



Logo of Vervali System Pvt. Ltd., Vasai





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE C&E - 5218 AICTE Institution ID - 14780201

NAAC Accredited with Grade 'A+', Three Programs NBA Accredited



## ST. JOHN COLLEGE OF ENGINEERING & MANAGEMENT

Autonomous Institute  
(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE  
DTE C&E - 5218 AICTE Institution ID - 14780201



Department of Computer Engineering

Third Year - B Division

### Industrial Visit at Vervali System Pvt. Ltd., Vasai

(On 31<sup>st</sup> Aug 2024)



## ST. JOHN COLLEGE OF ENGINEERING & MANAGEMENT

Autonomous Institute  
(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE  
DTE C&E - 5218 AICTE Institution ID - 14780201



Department of Computer Engineering

Third Year - B Division

### Industrial Visit at Vervali System Pvt. Ltd., Vasai

(On 31<sup>st</sup> Aug 2024)



Prepared By  
Mr. Ajay R. Sirsat / Mr. Chetan Patil

Dr. Nilesh Deotale  
HOD, Comp. Engg.  
Head  
03/09/2024

→ Internship training Prog.  
is scheduled from 11/12 to 20/12  
through them. *KR*

Department of Computer Engineering  
SJCEM, Palghar,

*Khalid*  
Dr. Kamal Ullah



**St. John College of Engineering and Management**

**Autonomous Institute**

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

(Autonomous College Affiliated to University of Mumbai)

**Department of Information Technology**

# **INDUSTRIAL VISIT REPORT**

**TESTRIQ Software Testing and Quality Assurance  
Services Company, Mira Road, Mumbai**

**3<sup>rd</sup> September, 2024**

**Organized by: Department of Information Technology**

## **. Objectives of the Visit**

- To understand the importance of software testing in the software development life cycle.
- To observe the latest tools and methodologies used in software testing and QA.
- To learn about career opportunities and required skills in software testing.
- To gain insights into industry standards and challenges in quality assurance.

## **Company Overview**

Testriq is a prominent firm specializing in software testing and quality assurance services, offering various solutions such as functional testing, automation testing, performance testing, and security testing. Their clients span across various industries, emphasizing the importance of quality in delivering reliable software solutions.

## **Agenda of the Visit**

<b>Time</b>	<b>Activity</b>
10:00 AM	Arrival and Registration
10:30 AM	Introduction to Testriq and its Services
11:00 AM	Seminar on Software Testing Life Cycle
12:00 PM	Demonstration of Testing Tools (e.g., Selenium)
1:00 PM	Break
2:00 PM	Hands-on Session on Functional Testing
3:30 PM	Q&A Session with Testriq Professionals
4:00 PM	Feedback Collection and Conclusion
4:30 PM	Departure

## **Highlights of the Visit**

### **Introduction to Software Testing Life Cycle:**

Students learned about various stages, including requirements analysis, test planning, test case development, environment setup, test execution, and test cycle closure. This session provided a clear understanding of each step's role in ensuring software quality.

### **Demonstration of Tools and Techniques:**

The company demonstrated popular software testing tools such as Selenium for automation testing and JIRA for issue tracking. This hands-on experience allowed students to see how testing automation improves accuracy and efficiency.

### **Functional Testing Workshop:**

Students participated in a practical workshop on functional testing. The instructors guided students on writing test cases, identifying bugs, and reporting issues effectively. This interactive session deepened their understanding of real-world testing challenges.

### **Insights into QA Careers:**

The professionals shared their career journeys, discussed various roles in QA, and advised on the skills and certifications valuable in the industry. This session helped students clarify career aspirations and understand the skills needed to succeed in QA.

## **Outcomes of the Visit**

- Students gained practical exposure to industry-standard tools and testing methodologies.
- The visit highlighted the importance of software testing in delivering high-quality products.
- Students were motivated to pursue skills in automation and manual testing.
- They understood the critical role of quality assurance in customer satisfaction and business success.

## **Feedback**

The students expressed positive feedback about the visit. They found the sessions informative and appreciated the opportunity to interact with industry professionals. Suggestions for future visits included extending hands-on sessions and adding segments on emerging testing techniques.

## **Conclusion**

The industrial visit to Testriq Software Testing and Quality Assurance Services was an enriching experience for the students, providing valuable insights into the software testing industry. Such industry exposure reinforces classroom learning and encourages students to develop essential skills for their future careers.

## Snapshots



### Report Prepared by:

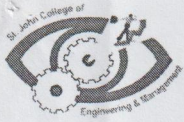
Mrs.Maya Patil

Industrial Visit Coordinator

Assistant Professor ,SJCEM

Dr.Arun Saxena

HOD,IT



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

### Association of Students for Computing Artificial Intelligence (ASCAI)

(A.Y. 2024-2025)

## INDUSTRIAL VISIT

**Event:** Industrial Visit

**Date** 3rd September, 2024

**Venue:** Testriq, Mira Road, India

**Number of students:** 50

**Faculty member:** Mrs. Juily Tarade

**Outcome:** - Enhanced Understanding of Software Testing.

Networking with Industry Experts.

### Introduction

On 3rd September, Tuesday, students had the opportunity to visit Testriq Company, a well-established organization specializing in software testing and data science. The company has been a part of the industry for over 14 years and has recently expanded its offerings to include student-focused courses and scholarship programs. Testriq also provides placement opportunities for students, ensuring that they gain hands-on experience in the industry. The visit was organized to help students gain valuable insights into the software testing and data science fields.

The reporting time for the students was 10 AM at Mira Road station, from where they, along with their faculty member Mrs. Juily Tarade, proceeded to the Testriq office. The industrial visit was designed to give students a deeper understanding of how theoretical concepts are applied in a real-world professional environment.

### Event Description

Upon arrival at the company, the students were welcomed by the manager of Testriq, who provided an introduction about the company's history, services, and the agenda for the session. The manager shared how Testriq has grown to become a leader in the software testing and data science sectors and highlighted the company's recent initiatives, such as offering specialized courses and scholarships for students, along with placement support.

Before the session began, students were served breakfast, ensuring they were comfortable and prepared for the informative day ahead.

The first session was led by Mr. Soheeb, a software testing expert from Testriq. He provided a comprehensive overview of the software testing industry, its significance in the technology world, and shared many insights regarding testing tools, methodologies, and best practices. His session was

highly interactive, and students actively engaged by answering his questions as well as posing their own. The clarity and depth of information offered by Mr. Soheeb gave students a practical perspective on software testing processes.

The second part of the session was taken over by Mr. Khan, a data science expert. He discussed the importance of data science in today's tech-driven world and how it complements software testing. Mr. Khan elaborated on the tools, techniques, and frameworks used in data science, providing students with valuable insights into how data is collected, analyzed, and utilized in various industries.

The students benefited immensely from this industrial visit, gaining both theoretical knowledge and practical insights, making the experience highly educational and inspiring for their future career paths.

### Key Takeaways

1. Industry Insight: The visit provided an in-depth look at the workings of a company specializing in software testing and data science, allowing students to understand the practical applications of concepts learned in their academic courses.
2. Hands-On Knowledge: Students gained detailed knowledge about software testing methodologies.
3. Relevance of Data Science: Mr. Khan's session on data science demonstrated the growing importance of data analytics in today's world.
4. Interactive Learning: The sessions were highly interactive, encouraging students to engage in discussions, ask questions, and share their thoughts. This approach helped students clarify doubts and deepen their understanding.

### Conclusion

The industrial visit to Testriq Company was a highly educational experience, offering students a comprehensive view of how modern manufacturing facilities operate with the help of human-machine

successfully bridged the gap between classroom learning and real-world application, equipping students with practical knowledge that will be invaluable in their future careers.

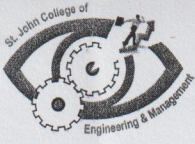


*J.T.*  
IV Co-ordinator  
Mrs. Juliy Tarade



Mira Bhayandar, Maharashtra, India  
Office# 1, 2nd Floor, Ashley Tower Space Associates, Vagad Nagar, Beverly Park,  
Mira Road East, Mira Bhayandar, Maharashtra 401107, India  
Lat 19.293447°  
Long 72.87115°  
03/09/24 11:21 AM GMT +05:30

*V. Lobo* 26.09.24  
Mr. Vivian Lobo  
HOD  
Department of AIML



# St. John College of Engineering and Management

Autonomous

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

Date: September 02, 2024

To,

Kokuyo Camlin Limited,

Tarapur M.I.D.C., Vijay Colony,

Vanipada, Boisar, Maharashtra 401501

**Subject:** Thank you for organizing a visit at your organization.

Respected Sir/Madam,

We deeply appreciate the time that you have given to impart technical knowledge and offer training to our students at your esteemed company/industry. From the feedback that we have received from our students, we found that you all were meticulous when explaining concepts/processes/workflows. In addition to this, you all were always available when our students needed guidance regarding the understanding of technical concepts. Moreover, the hospitality offered by your company during the visit was remarkable. On the whole, our students are very happy and satisfied with the overall outcome of the company visit.

We once again thank you for accepting our request for an industry visit and providing our students an enriching experience. Looking forward to have future visits in your company as well.

Thank you!

Sincerely,

Mr. Vivian Lobo

HOD, AIML Dept.



OK  
889hude  
29/9/2024

**HOD,**  
Department of Artificial Intelligence  
& Machine Learning  
SJCEM, Palghar



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201

NAAC Accredited with Grade 'A+', Three Programs NBA Accredited



To,  
The Principal,  
St. John College of Engineering and Management, Palghar

*Final  
27/8/24*

Date - 26/08/2024

Subject - Permission for Industrial Visit for SY Tech AIML students at KOKUYO Camlin, Boisar on 02/09/2024.

Respected Mam,

With due respect Industrial Visit for Second year students of AIML Department is proposed at KOKUYO Camlin, Tarapur Road, Boisar on 02nd of September, 2024. Mrs. Rosy Pradhan Mam will accompany the students for the Industrial Visit.

The lectures for the day will be compensated in the week by converting the Self Learning slots into the lectures.

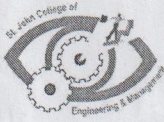
Kindly grant the permission for the Industrial Visit.

Yours Sincerely  
Mr. Vivian Lobo  
Head of the Department  
Department of AIML

*V. Lobo*  
*26/8/24*



**HOD,**  
**Department of Artificial Intelligence**  
**& Machine Learning**  
**SJCEM, Palghar**



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201

NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

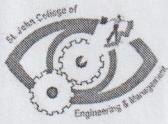


## Undertaking by the Students

We, the students of SY. TECH AIML, SJCEM assure you that we will be of good behavior and be obedient to the staff accompanying during the Industrial visit to KOKUYO Camlin, Boisar scheduled on 02/09/24. We will also abide and will not participate in any activity that will breach the scope of the Industrial visit. We will also discipline ourselves within the rules and regulations of the Institution. We are also aware that we are participating at our own risk and will not hold the Institute responsible in any way in any eventuality and we will be solely responsible for our safety.

### List of students

Roll No	PID	Student Name	Sign
1	EU1236031	Ambhore Anand Manoj Alka	Anand
2	EU1236025	Behera Aditya Rabindra Sadhana	Aditya
3	EU1236014	Bera Ritwik Kanak Mausumi	Ritwik
4	EU1236028	Bhavthankar Tejas Dhiraj Punam	Tejas
5	EU1236007	Bhingare Francis Anand Shobha	Francis
6	EU1236037	Bidawat Keyur Chetan Ujwala	Keyur
7	EU1236052	Biswas Shinjinee Sanjay Tapati	Shinjinee
8	EU1236029	Chavan Advait Haresh Pranali	Advait
9	EU1236036	Choudhary Ayush Dhananjay Archana	Ayush
10	EU1236042	Choudhary Ramesh Kheemram Dropadidevi	Ramesh
11	EU1236058	Churi Pareen Rajesh Vaidehi	Pareen
12	EU1236055	Dhumak Parth Ganpat Anita	Parth
13	EU1236030	Dongre Sahil Deepak Sangeeta	Sahil
14	EU1236034	Gaud Ankitkumar Vinodkumar Saritadevi	Ankit
15	EU1236047	Ghadiali Dhruvesh Sanjay Nisha	Dhruvesh
16	EU1236054	Gupta Gautam Gopal Seema	Gautam
17	EU1236053	Haldankar Mayur Leelesh Sushma	Mayur
18	EU1236061	Kasar Vinay Sudhakar Swapna	Vinay
19	EU1236004	Khandekar Rugvedj Nana Rina	Rugvedj
20	EU1236038	Khare Vrinda Vikas Kavita	Vrinda
21	EU1236035	Koli Jayesh Shashikant Gitanjali	Jayesh
22	EU1236027	Machhi Himanshu Bhanudas Sunita	Himanshu
23	EU1236022	Meher Pranali Rajesh Shubhangi	Pranali



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

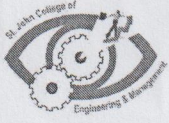
Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

24	EU1236013	Mhatre Harsh Manoj Rajashri	
25	EU1236050	Mhatre Malhar Bipin Geeta	
26	EU1236059	More Yash Anil Vandana	
27	EU1236041	Nandale Rupesh Jivan Shobha	
28	EU1236024	Parmar Shivani Ashok Sunita	
29	EU1236010	Patel Rudrakumar Jigneshkumar Hemangini	
30	EU1236046	Patel Viral Ajay Bhakti	
31	EU1236006	Patil Ankit Ramakant Rupali	
32	EU1236002	Patil Chetana Motiram Sulochana	
33	EU1236051	Patil Dnyanada Sachin Savita	
34	EU1236048	Patil Sanidhya Dipak Diya	
35	EU1236062	Patil Shreya Hareshwar Mitali	
36	EU1236045	Patil Yash Daulat Devyani	
37	EU1236009	Patil Yashraj Rajesh Pooja	
38	EU1236057	Paul Shaunak Sambit Lipika	
39	EU1236018	Rahi Ripinjal Jonil Manisha	
40	EU1236043	Rana Supriyo Gobindapada Swapna	
41	EU1236017	Rathod Jeet Khimchand Kalpana	
42	EU1236019	Repale Darshan Arun Sandhya	
43	EU1236049	Roychowdhury Shreshtha Sulal Chhanda	
44	EU1236008	Sambare Dikshita Pratit Pratiksha	
45	EU1236012	Sankhe Swayam Alkesh Megha	
46	EU1236044	Sarmalkar Sahil Pundalik Pooja	
47	EU1236060	Shah Md Rashid Noorul Hasan Najatunnisha	
48	EU1236015	Shaikh Rafe Abdul Hameed Shahana	
49	EU1236016	Shriya Sanjeev Anila	
50	EU1236003	Singh Priti Pramod Kanchan	
51	EU1236033	Sirmewar Amit Arun Vidya	
52	EU1236040	Sogale Atishka Manoj Mayuri	
53	EU1236026	Surti Maan Sunil Jyoti	
54	EU1236023	Thakur Nidhi Pravin Takshila	
55	EU1236032	Tiwari Rishabh Sanjay Poonam	
56	EU1236005	Tiwari Satyam Ramnarayan Premlata	
57	EU1236039	Yadav Atul Ramashankar Saroja	
58	EU1236011	Yadav Chandani Bindraj Sangeeta	
59	EU1236001	Yadav Hemant Bishnubhagwan Bindu	
60	EU1236056	Yadav Sachin Rampravesh Mamta	
61	EU1236021	Yadav Vijay Jaykishan Geeta	



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

EU1226023	Meher Romit Tushar Swati
EU1236047	Ghadiali Dhruvesh Sanjay Nisha

*Row*  
Mrs. Rosy Pradhan  
Industrial Visit In-charge,  
Department of AIML



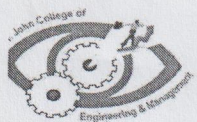
Mr. Vivian B. Lobo  
Head of Department,  
Department of AIML

*V. Lobo*  
31-08

**ROD,**  
Department of Artificial Intelligence  
& Machine Learning  
SJCEM, Palghar

To  
Class Advisor,

Pl. note 100% attendance is  
mandatory for IV.  
If not abided then strict action  
will be taken.



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201

NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

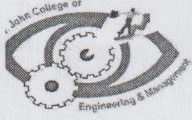


## Undertaking by the Students

We, the students of B.TECH AIML, SJCEM assure you that we will be of good behaviour and be obedient to the staff accompanying during the Industrial visit to K. J. Somaiya College of Engineering, EUCLID (Blockchain) Lab, Vidyanagar, Vidya Vihar East, Vidyavihar, Mumbai, Maharashtra 400077 scheduled on 04/09/24. We will also abide and will not participate in any activity that will breach the scope of the Industrial Visit. We will also discipline ourselves within the rules and regulations of the Institution. We are also aware that we are participating at our own risk and will not hold the Institute responsible in any way in any eventuality and we will be solely responsible for our safety.

### List of students

Roll No	PID	Student Name	Signature
22	EU1216006	Raut Ayush Santosh Harita	
1	EU1216009	Bari Tanmay Shripad Geeta	
2	EU1216020	Belkare Rutuja Padmakar Nalini	
3	EU1216017	Bhamare Nidhi Ghanshyam Kalpana	
4	EU1216007	Chaudhari Durvesh Pankaj Ranjana	
5	EU1216004	Churi Anvay Samir Prachee	—
6	EU1216013	Churi Hrudansh Deepak Vrushali	
7	EU1216018	Dalvi Durgesh Ranjeet Sarika	—
8	EU2216006	Damani Punit Manoj Upasana	—
9	EU1216014	Gupta Kanhaiyalal Pramodkumar Pushpadevi	
10	EU1216005	Gupta Tulip Chandraprakash Nidhi	
11	EU1216015	Jadhav Rupesh Pandurang Rekha	—
12	EU1216021	Kadam Gaurav Mahesh Asawari	—
13	EU1216025	Khan Shifa Yasin Zaibun	—
14	EU1216012	Maurya Aman Rambilash Saroj	—
15	EU2216001	Mogre Sakshi Chetan Priti	



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



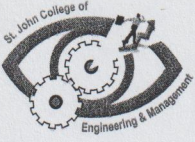
NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

16	EU2216002	Nikam Jay Santosh Rajshri	—
17	EU1216019	Parave Shruti Prakash Jyoti	—
18	EU2216005	Patil Atharva Prafulla Sulbha	A
19	EU1216024	Phartiyal Harsh Birendra Meena	—
20	EU1216027	Pimple Yash Sunil Smita	<i>[Signature]</i>
21	EU1216011	Rajpurohit Ranjeet Ashok Kumar	<i>[Signature]</i>
23	EU1216026	Raut Sarthak Nilesh Mamta	<i>[Signature]</i>
24	EU1216008	Sankhe Nilay Nandan Namrata	<i>[Signature]</i>
25	EU2216004	Sarode Mithil Vishal Archana	<i>[Signature]</i>
26	EU1216002	Saste Prathamesh Abaso Usha	—
27	EU1216029	Save Parth Nilesh Rupali	<i>[Signature]</i>
28	EU1216022	Shinde Omkar Anand Mangal	—
29	EU1216003	Singh Rimi Umesh Geeta	—
30	EU1216028	Singh Sanjay Surendra Poonam	—
31	EU1216010	Surati Tanishq Mahesh Darpana	<i>[Signature]</i>
32	EU2216003	Vartak Devang Sanjay Rupa	<i>[Signature]</i>

*[Signature]*

Mr. Vivian Lobo  
HOD

Department of AIML, SJCEM, Palghar



# St. John College of Engineering and Management

Autonomous

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

Date: September 04, 2024

To,

K. J. Somaiya College of Engineering,  
Vidyanagar, Vidya Vihar East, Vidyavihar,  
Mumbai, Maharashtra 400077

**Subject:** Thank you for organizing a visit to EUCLID Lab (Blockchain) in your institution.

Respected Sir/Madam,

We deeply appreciate the time that you have given to impart technical knowledge and offer training to our students at your esteemed institution. From the feedback that we have received from our students, we found that you all were meticulous when explaining concepts/processes/workflows. In addition to this, you all were always available when our students needed guidance regarding the understanding of technical concepts. Moreover, the hospitality offered by your institution during the visit was remarkable. On the whole, our students are very happy and satisfied with the overall outcome of the visit.

We once again thank you for accepting our request for an industry visit and providing our students an enriching experience. Looking forward to have future visits in your institution as well.

Thank you!

Sincerely,

Mr. Vivian Lobo

HOD, AIML Dept.



Received  
AD al.  
4-9-2024

**HOD,**  
**Department of Artificial Intelligence**  
**& Machine Learning**  
**SJCEM, Palghar**

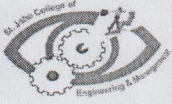
Aidel Education Trust's  
St. John College of Engineering and Management, Palghar  
Branch : AIML

Sem : 7 Div : A

Date : 04/08/24<sup>09</sup>

Roll No	PID	Student Name	Sign
1	EU1216009	Bari Tanmay Shripad Geeta	<i>Bari</i>
2	EU1216020	Belkare Rutuja Padmakar Nalini	<i>Belkare</i>
3	EU1216017	Bhamare Nidhi Ghanshyam Kalpana	<i>Bhamare</i>
4	EU1216007	Chaudhari Durvesh Pankaj Ranjana	<i>Chaudhari</i>
5	EU1216004	Churi Anvay Samir Prachee	<i>Churi</i>
6	EU1216013	Churi Hrudansh Deepak Vrushali	<i>Churi</i>
7	EU1216018	Dalvi Durgesh Ranjeet Sarika	<i>Dalvi</i>
8	EU2216006	Damani Punit Manoj Upasana	<i>Damani</i>
9	EU1216014	Gupta Kanhaiyalal Pramodkumar Pushpadevi	<i>Gupta</i>
10	EU1216005	Gupta Tulip Chandraprakash Nidhi	<i>Gupta</i>
11	EU1216015	Jadhav Rupesh Pandurang Rekha	<i>Jadhav</i>
12	EU1216021	Kadam Gaurav Mahesh Asawari	<i>Kadam</i>
13	EU1216025	Khan Shifa Yasin Zaibun	<i>Khan</i>
14	EU1216012	Maurya Aman Rambilash Saroj	<i>Maurya</i>
15	EU2216001	Mogre Sakshi Chetan Priti	<i>Mogre</i>
16	EU2216002	Nikam Jay Santosh Rajshri	<i>Nikam</i>
17	EU1216019	Parave Shruti Prakash Jyoti	<i>Parave</i>
18	EU2216005	Patil Atharva Prafulla Sulbha	<i>Patil</i>
19	EU1216024	Phartiyal Harsh Birendra Meena	<i>Phartiyal</i>
20	EU1216027	Pimple Yash Sunil Smita	<i>Pimple</i>
21	EU1216011	Rajpurohit Ranjeet Ashok Kumar	<i>Rajpurohit</i>
22	EU1216006	Raut Ayush Santosh Harita	<i>Raut</i>
23	EU1216026	Raut Sarthak Nilesh Mamta	<i>Raut</i>
24	EU1216008	Sankhe Nilay Nandan Namrata	<i>Sankhe</i>
25	EU2216004	Sarode Mithil Vishal Archana	<i>Sarode</i>
26	EU1216002	Saste Prathamesh Abaso Usha	<i>Saste</i>
27	EU1216029	Save Parth Nilesh Rupali	<i>Save</i>
28	EU1216022	Shinde Omkar Anand Mangal	<i>Shinde</i>
29	EU1216003	Singh Rimi Umesh Geeta	<i>Singh</i>
30	EU1216028	Singh Sanjay Surendra Poonam	<i>Singh</i>
31	EU1216010	Surati Tanishq Mahesh Darpana	<i>Surati</i>
32	EU2216003	Vartak Devang Sanjay Rupa	<i>Vartak</i>

*V. S. S.*



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201

NAAC Accredited with Grade 'A+', Three Programs NBA Accredited



To,  
The Principal,  
St. John College of Engineering and Management, Palghar

TO  
HOD  
/

Date - 02/09/2024

Subject - Permission for Industrial Visit for TY Tech AIML/CSDS students at testriq,  
Mira Road on 03/09/2024.

Respected Mam,

With due respect Industrial Visit for Third year students of AIML/CSDS Department is proposed at testriq, Mira Road, on 03rd of September, 2024. Mrs. Juily Tarade Mam will accompany the students for the Industrial Visit. The lectures for the day will be compensated in the week by converting the Self Learning slots into the lectures.

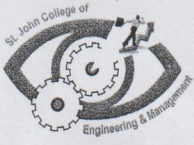
Kindly grant the permission for the Industrial Visit.

*V. Lobo*  
2/9/24

Yours Sincerely  
Mr. Vivian Lobo  
Head of the Department  
Department of AIML

*V. Lobo*  
2/9/24  
HOD,  
Department of Artificial Intelligence  
& Machine Learning  
SJCEM, Palghar





# St. John College of Engineering and Management

Autonomous

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

Date: September 03, 2024

To,  
TESTRIQ Software Testing and Quality Assurance Services Company,  
2<sup>nd</sup> Floor, Ashley Towers, Kanakia Rd.,  
Mira Road East, Mira Bhayandar, Maharashtra 401107

**Subject:** Thank you for organizing a visit to TESTRIQ

Respected Sir/Madam,

We deeply appreciate the time that you have given to impart technical knowledge and offer training to our students at your esteemed company. From the feedback that we have received from our students, we found that you all were meticulous when explaining concepts/processes/workflows. In addition to this, you all were always available when our students needed guidance regarding the understanding of technical concepts. Moreover, the hospitality offered by your company during the visit was remarkable. On the whole, our students are very happy and satisfied with the overall outcome of the visit.

We once again thank you for accepting our request for an industry visit and providing our students an enriching experience. Looking forward to have future visits in your company as well.

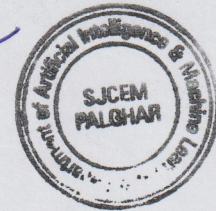
Thank you!

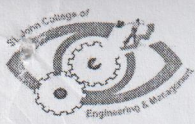
Sincerely,

Mr. Vivian Lobo  
HOD, AIML Dept.

*Received*  
*Shetye*  
*31/9/2024*

**HOD,**  
**Department of Artificial Intelligence**  
**& Machine Learning**  
**SJCEM, Palghar**



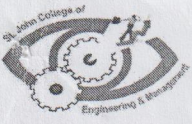


## Undertaking by the Students

We, the students of T.TECH AIML, SJCEM assure you that we will be of good behaviour and be obedient to the staff accompanying during the Industrial visit to testriq, office no. 2 and 3, Ashley Tower, Beverly Park, Mira Road (E), Thane, Maharashtra 401107 scheduled on 03/09/24. We will also abide and will not participate in any activity that will breach the scope of the Industrial Visit. We will also discipline ourselves within the rules and regulations of the Institution. We are also aware that we are participating at our own risk and will not hold the Institute responsible in any way in any eventuality and we will be solely responsible for our safety.

### List of students AIML

Roll No	PID	Student Name	Signature
0	EU1216001	Anirudh Pm Mohandas P Seema P V	
0	EU1226005	Choudhary Dinesh Hakaram Ratan	
0	EU1226001	Dsouza Jaison George Juliet	
0	EU1226016	Kadam Kapil Kishor Pooja	
0	EU1216023	Keshri Kunal Rakesh Rekha	
1	EU1226034	Bhanushali Bhakti Rahul Sonali	
3	EU1226028	Desai Harshiv Nirmal Kajal	
4	EU1226033	Dhole Tisha Sachin Veronica	
6	EU1226003	Gupta Meet Umesh Savita	
7	EU1226029	Jadhav Labhesh Dipak Shubhangi	
8	EU1226014	Jain Darshan Sachin Yamuna	
10	EU1226026	Khot Aditya Vishvas Asha	
11	EU2226002	Kini Shreya Balu Reshma	



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

12	EU1226017	Lad Makrand Anil Ashwini	
13	EU1226010	Maurya Shivam Rajkapoor Kusum	
14	EU1226030	Panchal Neel Ajit Atisha	
15	EU1226008	Pandey Chaman Nagendra Vibha	
16	EU1226015	Pandey Prince Aditya Pratima	
17	EU1226012	Patel Hardi Hemant Jyoti	
18	EU1226006	Patil Harshit Sanjay Manaswi	
19	EU1226002	Patil Prathamesh Bhagwan Bhakti	
20	EU1226004	Patil Siddhi Arun Asmita	
21	EU2226001	Patil Smit Vinod Vishakha	
22	EU1226021	Patil Tanmay Dattaram Megha	
23	EU1226007	Rajput Nilesh Babusingh Kamla	
24	EU2226003	Raut Utkarsh Dhananjay Dhanashree	
25	EU1226022	Ravat Kishan Kamaljit Laxmi	
26	EU1226018	Sabat Tulashi Gaurishankar Saraswati	
27	EU1226009	Shah Tirth Vinod Rashmi	
28	EU1226019	Shetty Gagan Santhosh Diya	
29	EU1226031	Sonawane Harshada Devidas Maya	
30	EU1226027	Suthar Moksh Ramesh Kumar Rekha	
31	EU1226025	Talesara Gaurav Manish Kumar Ranjana	
32	EU1226032	Thakur Ajay Kumar Devkumar Vibha Devi	
33	EU1226013	Yadav Shubham Chandramani Rekha	

X



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

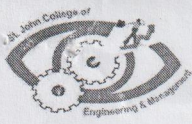
DTE Code : 3218 AICTE Permanent ID : 1-4790201

NAAC Accredited with Grade 'A+', Three Programs NBA Accredited



## List of students DS

Roll No	PID	Student Name	Signature
0	EU1228019	Joshi Dinesh Muktiprasad Tara	
0	EU1228028	Patil Prathamesh Kailas Sushama	
1	EU1228009	Ambolkar Ayush Rupesh Ritika	
2	EU1228026	Baniya Mitali Suresh Anita	
3	EU1228005	Bari Karan Anant	
4	EU1228011	Bari Raj Anant Manisha	
5	EU1228001	Champanekar Hiten Shailesh Hemlata	
6	EU1228030	Chaudhary Kundan Suresh Kamla	
7	EU1228013	Chauhan Suraj Ramdular Surmila	
8	EU1228025	Chavan Shreyas Ravikant Surekha	
9	EU1228015	Chityala Rishab Satyanarayan Varsha	
10	EU1228021	Gupta Rajat Raju Aarti	
12	EU1228002	Kore Sharvil Vikas Vibha	
13	EU2228002	Kumbhar Pawan Narendra Surekha	
14	EU2228004	Kumbhar Prajakta Suryakant Sarika	
15	EU1228020	Maurya Shivamkumar Kamlesh Janki	
16	EU1228018	Meher Keyuri Roshan Savita	
17	EU1228004	Mhatre Tanish Manoj Jagruti	
18	EU1228014	Mishra Shreya Mrityunjay Manju	
19	EU1228031	More Vratesh Sushil Sameeksha	
20	EU1228017	Pagdhare Ayush Manoj Manisha	
22	EU1228027	Prabhu Gaurav Girish Asha	



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

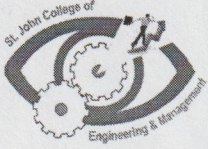
23	EU1228003	Rajak Ramanand Rajkumar Sahodari	<i>Ramanand</i>
24	EU1228029	Raut Rudra Nandkumar Nirmiti	<i>Raut</i>
25	EU1228006	Ruke Tejas Balaram Dhanashree	<i>Ruke</i>
26	EU1228016	Sane Gaurang Vijay Vaishnavi	<i>Sane</i>
27	EU1228010	Sawant Parth Vitthal Vinita	<i>Sawant</i>
28	EU2228003	Shejwal Prathamesh Jijaba Vimal	
29	EU2228001	Singh Himani Parbin Seema	<i>Singh</i>
30	EU1228022	Vinde Heramba Dharmendra Kavita	<i>Vinde</i>
31	EU1228008	Yadav Ansh Santosh Mandakini	
32	EU1228023	Yadav Gracy Rameshchandra Ajeeta	<i>Yadav</i>
33	EU1228007	Yadav Pappu Sunil Rinku	<i>Pappu</i>

*JH 2-9-24*

Mrs. Juily Tarade  
Class Advisor

Mr. Vivian Lobo  
HOD

Department of AIML, SJCEM, Palghar



Aldel Education Trust's

# St. John College of Engineering and Management, Palghar

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai/MSBTE

St. John Technical Campus, Vevoor, Manor Road, Palghar (E), Dist. Palghar, Maharashtra-401404

NAAC Accredited with Grade 'A+'



## DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

### Association of Students for Computing Artificial Intelligence (ASCAI)

(A.Y. 2023-2024)

#### INDUSTRIAL VISIT

**Event:** Industrial Visit

**Date:** 12th March 2024

**Venue:** Nuclear Power Corporation of India Limited (NPCIL) Plant, Tarapur, India

#### Introduction:

An Industrial Visit (IV) was organised for the third-year students of the Artificial Intelligence and Machine Learning (AIML) program to the NPCIL Plant. The purpose of the visit was to provide students with practical insights into the operations and functioning of a nuclear power plant.

#### Event Description:

The day began with students assembling at the college premises at 9:00 am, where they were briefed about the itinerary for the IV. At 9:30 am, the group departed for the NPCIL Plant, reaching the TAPS Gate at 10:00 am. An official from NPCIL joined the group at the TAPS Gate, then proceeded to the NPCIL plant. After completing the necessary entry procedures, the students were provided with breakfast. Following breakfast, a presentation on the workings of the NPCIL Plant was conducted, providing students with an overview of nuclear power generation. Subsequently, students were taken on a guided tour of the museum within the plant premises, showcasing the history and evolution of nuclear energy. A lunch session was organised, allowing students to interact informally with each other and the officials. Post-lunch, students embarked on a site visit, where they gained firsthand experience of the operational aspects of the plant. Following the site visit, students provided feedback on their IV experience, highlighting their learnings and suggestions for improvement. Finally, students and faculty assembled in the bus and commenced the return journey to the college.

#### Impact:

The Industrial Visit to NPCIL Plant proved to be a valuable learning experience for the AIML students, providing them with practical exposure to the operations of a nuclear power plant. The visit facilitated a comprehensive understanding of theoretical concepts through real-world applications. The insights gained during the IV will undoubtedly contribute to the students' academic and professional growth in the field of artificial intelligence and machine learning.





**Conclusion:**

The Industrial Visit to NPCIL Plant was a resounding success, offering AIML students invaluable practical insights into nuclear power plant operations. This hands-on experience not only deepened their understanding of theoretical concepts but also paved the way for significant academic and professional growth in the field of artificial intelligence and machine learning.

**Coordinators:**

*Rosy*  
**Faculty Coordinator:** Mrs. Rosy Pradhan

Report compiled by Tanishq Surati | Student Coordinator ASCAI



*V. Laha*  
**HOD,**  
**Department of Artificial Intelligence**  
**& Machine Learning**  
**SJCEM, Palghar**

**ASCAI**

**ASSOCIATION OF STUDENTS FOR COMPUTING**  
**ARTIFICIAL INTELLIGENCE**





# **Experiential Learning Sample Workshops Reports**



## Department of Electronics and Computer Science

### List of Seminars/conferences/workshops

Sr. No.	Name of the Workshop / seminar/ expert talk or events conducted under the association	Date	Number of students Attended	Name of the agencies / consultants involved (if any)
1	Organized Expert talk on “10X Growth Internship Opportunity”	25/03/2025	120	Mr. Sanghani, Founder of 10X Growth Company.
2	Organized Expert Talk Session on “Career Pathways in Semiconductor Technology Report”.	28/01/2025	110	Mr. Shaun Tauro Senior Process Engineer Global Foundries, Malta, NY
3	STTP on "Innovative Trends in VLSI and Semiconductor Engineering"	20/01/2025 to 24/01/2025	130	1. Dr. Deepak Bhoir, Professor, Fr. CRCE, Mumbai 2. Dr. Sudhakar Mande, Principal, DBIT, Mumbai 3. Dr. Sangharatna Godbole, Assistant Professor, NIT, Warangal 4. Mr. Siddharth Suttraway, RTL Designer, AMD INDIA PVT LTD. 5. Mrs. Sangeeta Parshionikar, Assistant Professor, Fr. CRCE, Mumbai. 6. Mr. Prathamesh Patil, Sr. Technical support Engineer, AMD INDIA PVT LTD. 7. Mr. Keith Fernandes, Assistant Professor, SJEC, Mangaluru. 8. Mr. Pranav Kothe, SoC Design Engineer, Intel Corporation. 9. Dr. Pandharinath Ghonge, Professor, SJCEM, Palghar
4	Webinar on “Role of Machine Learning in VLSI Design”	09/12/2024	70	Takshila VLSI
5	Expert Talk on “Emerging Trends in IoT and Industry 4.0”	3/09/2024	70	Mr. Chirag Raul Founder of Coding Genius Lab
6	Organized Expert Talk Session on “Drone Technology and its Applications”	10/07/2024	155	Mr. Gaurav Singh, CEO of WECAN Education Organization.





St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201




NAAC Accredited with Grade 'A+', Three Programs NBA Accredited


## NOTICE


Date- 24<sup>th</sup> Feb,2025


We are excited to announce an **Expert Talk** on the topic: **“10X Growth Internship Opportunity”**

 **Speaker:** Mr. Sanghani  
**Founder, 10X Growth Company**

This session will provide valuable insights into **internship opportunities** that offer immense learning and growth potential, helping you kickstart your career in a dynamic and evolving industry.

 **Date:** 25th March 2025

 **Time:** 12:00 PM

 **Venue:** 210 Classroom

**Organized by:** Student Association “SPACE”

**All students are invited to attend and benefit from this enriching opportunity!**

  
**Dr. P. A Ghonge**  
**HoD**





## ST. JOHN COLLEGE OF ENGINEERING & MANAGEMENT

Autonomous Institute  
(A Christian Religious Minority Institute)  
Approved by AICTE, Recognized by DTE and Affiliated to the University of Mumbai, MSBTE  
NAAC 'A+' Grade UBA Accredited

Department of Electronics & Computer Science And Electronics & Telecommunication



### REPORT ON 10XGROWTH INTERNSHIP OPPORTUNITIES SESSION

**Date:** 25<sup>th</sup> March 2025

**Target Audience:** SE ECS /EXTC, TE ECS/EXTC, BE EXTC

**Total Students:** 120

**Reporting Time:** 12:15 PM to 1:15 PM

**Session Venue:** SE ECS Classroom

**Session Organizer:** SPACE

**Department:** Electronics and Computer Science & Electronics and Telecommunication Engineering

#### **Description of the Session :**

The Departmental Community SPACE of ECS/EXTC at St. John College of Engineering and Management organized an insightful session on internship opportunities, presented by Mr. Happy Ajay Sanghani, the founder of 10X Growth Company. The session focused on the various internship roles offered by the company and their potential benefits for students.

Mr. Sanghani provided a detailed explanation of the different internship roles available, emphasizing the flexibility of the program. The internship allows students to work in any domain of their interest, whether technical or non-technical. The primary objective of the internship is to contribute to social work by assisting the local community and eventually expanding to larger areas.

#### **Key Highlights of the Internship:**

**Diverse Opportunities:** Students can choose to create applications or engage in other domains that align with their skills and interests.

**Social Impact:** The internship aims to bring positive changes in society through various projects, focusing on collective prosperity.

**Flexible Structure:** With a total duration of 300 hours, the internship offers flexibility, making it accessible to students from different backgrounds.

**Virtual Mode:** The program can be undertaken remotely, ensuring ease of participation.

**Skill Development & Stipend:** Students will gain valuable skills, and those who excel will receive a stipend.

**Empowering the Youth:** The overarching goal of 10X Growth Company is to make students capable and confident in their careers.

#### **Outcomes of the Session:**

**Awareness Creation:** Students gained insights into the various internship opportunities available and how they align with their personal and professional growth.

**Encouragement for Participation:** The flexibility and virtual nature of the internship encouraged more students to consider applying.

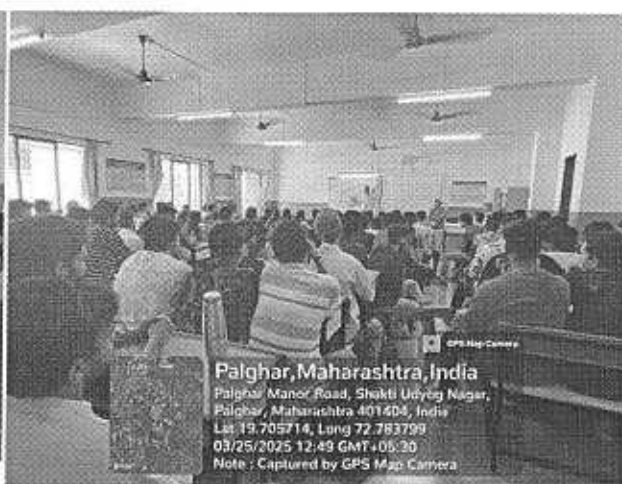
**Understanding Social Responsibility:** The session highlighted the importance of contributing to society through innovative projects.



**Skill Enhancement:** Students recognized the potential to acquire practical knowledge that would enhance their employability.

**Networking Opportunities:** Interaction with Mr. Sanghani provided students with exposure to industry trends and professional guidance.

**Session Photos:**



Faculty Co-Ordinator



Dr. Pandharinath Ghonge

HOD of ECS/ EXTC



St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201




NAAC Accredited with Grade 'A+', Three Programs NBA Accredited


## NOTICE


Date- 24<sup>th</sup> Jan, 2025


We are pleased to inform you that our department is organizing an **Expert Talk Session** on the topic:  
**“Career Pathways in Semiconductor Technology”**

 **Speaker:** Mr. Shaun Tauro  
**Senior Process Engineer, Global Foundries, Malta, NY**

This session will provide valuable insights into the semiconductor industry, its career opportunities, and the skills required to excel in this growing field. Don't miss this opportunity to learn from an experienced industry professional.

 **Date:** 28/01/2025

 **Time:** 11:00 AM

 **Venue:** MMS Hall

**Organized by:** SPACE – Student Association

**All students are invited to attend!**



**Dr. P. A Ghonge**  
**HoD**



# ST. JOHN COLLEGE OF ENGINEERING & MANAGEMENT

Autonomous Institute  
(A Christian Religious Minority Institute)  
Approved by AICTE, Recognised by OTE and Affiliated to the University of Mumbai, MSBTE  
NAAC 'A+' Grade | NBA Accredited



Department of Electronics & Computer Science And Electronics & Telecommunication



## EXPERT TALK

# Semiconductors : The Heart of Technology and Career Pathways



**Mr. Shaun Linus Tauro**

Senior Process Engineer  
Global Foundries, Malta, NY

shaunlinustauro

Date : 28th January 2025

Time : 11:30 am

Venue : MMS Hall



SPACE SJCEM space\_sjcem





## ST. JOHN COLLEGE OF ENGINEERING & MANAGEMENT

Autonomous Institute  
(A Christian Religious Minority Institute)  
Approved by AICTE, Recognized by OTE and Affiliated to the University of Mumbai, MSRTI  
NAAC 'A+' Grade | NBA Accredited

Department of Electronics & Computer Science And Electronics & Telecommunication



### Expert Talk Session: Career Pathways in Semiconductor Technology Report

**Date:** 28<sup>th</sup> January, 2025

**Target Audience:** TE ECS, TE EXTC & BE EXTC

**Total Students:** 110

**Event Conduction Duration:** 11:30 Am to 12:45 Pm

**Event Venue:** MMS Hall

**Event Organizer:** Ms. Aishwarya Churi and Mrs. Hiral Patel

**Department:** Electronics and Computer Science & Electronics and Telecommunication Engineering

#### **Description of the Event:**

A guest lecture by Mr. Shaun Linus Tauro provided valuable insights into the semiconductor industry, covering its fundamentals, manufacturing process, key industry players, and career opportunities. He explained semiconductor properties, fabrication (fabs), wafer production, and the structured process of designing, manufacturing, testing, and packaging.

The session highlighted major industry segments, including chip IP cores (ARM), fabless companies (NVIDIA, Qualcomm), chip foundries (TSMC), and integrated device manufacturers (Intel, Micron). India's semiconductor growth, Tata, Micron, Kaynes, and the Indian Semiconductor Mission (ISM) were also discussed.

Mr. Tauro outlined career paths such as design engineers, semiconductor process engineers, test engineers, and software engineers, emphasizing the importance of soft skills, technical proficiency (Python, SQL, automation), internships, and continuous learning.

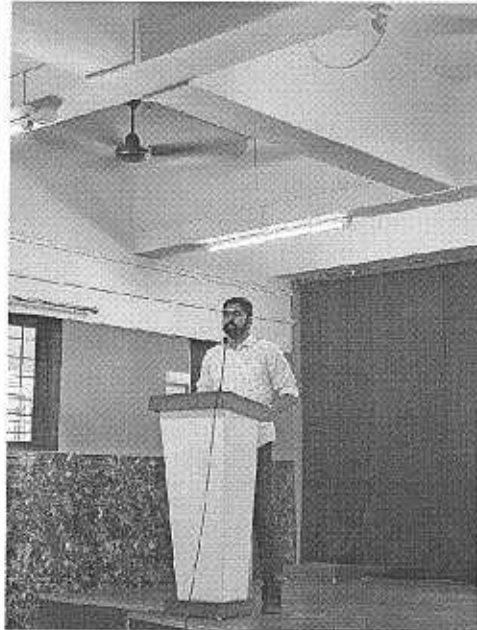
The session concluded on a high note with a vote of thanks delivered by Dr. Pandharinath Ghonge, Head of the Department, who appreciated the efforts of both organizers and participants. He highlighted the importance of such expert interactions in bridging the gap between academia and industry, encouraging students to actively pursue careers in the semiconductor sector.

#### **Outcome of the Event:**

- Enhanced understanding of semiconductors and industry trend.
- Awareness of career opportunities and India's growing semiconductor sector.
- Practical tips on skill development, internships, and higher education.
- Interactive Q&A session for personalized career guidance.



**Event Photos:**



Ms. Aishwarya Churi  
Mrs. Hiral Patel

**Faculty Co-Ordinator**



Dr. Pandharinath Ghonge

**HOD of ECS & EXTC**



St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201

NAAC Accredited with Grade 'A+'; Three Programs NBA Accredited



Date- 28/01/2025

**Expert talk Session : Career Pathways in  
Semiconductor Technology**

Attendance Sheet

**BE – EXTC**

Sr.No	Roll No	Student Name	Sign
1	1	Chaudhary Tanay Sanjay	
2	2	Gharat Chirag Dilip	
3	3	Keni Siddhesh Kishor	
4	4	More Kaustubh Pradeep	
5	5	Nair Amal Harikumar	
6	6	Namkoda Gaurav Jaywant	
7	7	Patil Shubham Sunil	
8	8	Patil Suraj Satish	
9	9	Patil Yash Sanjay	
10	10	Raut Omkar Nayan	
11	11	Tare Manav Vaibhav	
12	12	Yadav Ankur Banshbahadur	





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## TE – EXTC

Sr.No	Roll No	Student Name	Sign
1	1	Ambhire Sarvesh Anil	
2	2	Dahiwale Vedanti Satish	
3	3	Deora Sureshkumar Toyaram	
4	4	Dubey Ankit Ramesh	
5	5	Gangthade Vishal Shivaji	
6	6	Ghude Kaustubh Vinod	
7	7	Kaneri Sudhanshu Santosh	
8	8	Mishra Prince Kanhaiyalal	
9	9	Patil Om Vinayak	
10	10	Patil Tejas Ashok	
11	11	Purohit Shreepad Narottam	
12	12	Shaikh Bismah Rehan ahmed	
13	13	Sonone Harshawardhan Bhaskar	
14	14	Vanmali Kaustubh Ravindra	
15	15	Gound Amandeep Keshav	





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201

NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

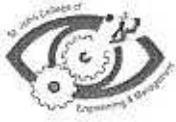


## TE – ECS

Sr.No	Roll No	Student Name	Sign
1	1	Bal Ayush Akshaya	
2	2	Bhoir Dhanashree Ajay	
3	3	Bhurki Niraj Santosh	
4	4	Chaudhari Harsh Suryakant	
5	6	Das Prakhar Prabir	
6	7	Gowda Ashray Parmeshwar	
7	8	Kale Deep Manish	
8	9	Lenka Suman Suresh	
9	10	Lulania Ayaan Imtiyaz	
10	11	Meher Niyati Jayesh	
11	12	Mishra Ashutosh Ayodhyanath	
12	13	Nagavkar Swayam Sanjay	
13	14	Neve Yash Satish	
14	15	Patil Dhruvika Samir	
15	16	Patil Hardik Bhai	
16	17	Patil Hrithik Jatin	
17	18	Patil Mohit Tukaram	
18	19	Rana Vedant Ajay	
19	20	Raut Harsh Nilesh	
20	21	Ray Abhishek kumar Shivbalak	
21	22	Sharma Ayush Shitlaprasad	
22	23	Sharma Rohit Santosh	
23	24	Sharma Utkarsh Anurag	
24	25	Singh Aditi Amit	

5 Chaudhari Sanskar Sanjay





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE.

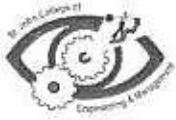
DTE Code : 3218 AICTE Permanent ID : 1-4790201

NAAC Accredited with Grade 'A+', Three Programs NBA Accredited



25	26	Singh Prachi Dhirendra	
26	27	Vade Manasvi Satendra	
27	28	Varekar Aishwarya Ankush	<i>Aishwarya</i>
28	29	Varekar Atharva Ankush	<i>Atharva</i>
29	30	Verma Punit Ajay	<i>Punit Verma</i>
30	31	Wade Shreyas Hareshwar	
31	32	Adhikari Soham Sanjay	<i>Soham</i>
32	33	Banate Suyash Vijay	
33	34	Davane Yashneil Nagesh	<i>Yashneil</i>
34	35	Dhanmehar Labhesh Ganesh	<i>Labhesh</i>
35	36	Gajbhiye Ankit Sanjay	<i>Ankit</i>
36	37	Gawandi Moiz Ayaz	<i>Moiz</i>
37	38	Gupta Khushi Abhimanyu prasad	<i>Khushi</i>
38	39	Khodbe Tushar Eknath	<i>Tushar</i>
39	40	Mahara Prakash Narbahadur	<i>Prakash</i>
40	41	Malkar Meet Uttam	<i>Meet</i>
41	42	Mangela Srushti Arun	<i>Srushti</i>
42	43	Mohite Kautuk Arvind	<i>Kautuk</i>
43	44	More Mrunmay Pramod	<i>Mrunmay</i>
44	45	Nagargoje Chetan Vishnu	<i>Chetan</i>
45	46	Panda Amit Kishore	<i>Amit</i>
46	47	Panhale Yashashree Amar	
47	48	Pathak Sanjeev Sanjay	<i>Sanjeev</i>
48	49	Patil Piyush Hareshwar	
49	50	Patil Pranjal Kantilal	<i>Pranjal</i>
50	51	Patil Tejal Dinesh	<i>Tejal</i>
51	52	Poojary Omkar Sadashiv	<i>Omkar</i>





# St. John College of Engineering and Management

Autonomous Institute

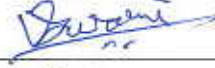

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

52	53	Raut Arya Rupesh	
53	54	Swami Vaishnav Sanjay	
54	55	Yadav Rohit Dayashankar	





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201

NAAC Accredited with Grade 'A+', Three Programs NBA Accredited



## SE- ECS

Sr.No	Roll No	Student Name	Sign
1	1	Ansari Halimahmad Shamim	
2	2	Bag Mariyam Balas	M. Bag
3	3	Bari Dhruv Mahesh	
4	4	Bhandarkar Kunal Mahendra	
5	5	Bhopi Vaibhav Jayesh	V. J. Bhopi
6	6	Chaugule Shubham Chandrakant	
7	7	Chogale Chirag Chandrakant	J.
8	8	Chogale Mohit Vilas	
9	9	Dabholkar Ansh Ganesh	
10	10	Das Mushkaan Shahikant	
11	11	Devashi Manish Babulal	
12	12	Gaikwad Mihir Rajendra	
13	13	Gawad Sarth Dhiraaj	
14	14	Gharat Krish Rukesh	
15	15	Gharat Shreyash Subhash	
16	16	Goswami Nileshpuri Indrapuri	
17	17	Gupta Dhruv Umesh	
18	18	Jadhav Rishi Dayanand	
19	19	Jadhav Utkarsha Arun	
20	20	Jagdale Ganesh Sanjiv	
21	21	Kamble Nirbhay Babasaheb	
22	22	Kanojiya Vikas Virendra	
23	23	Khot Maviya Zafir	





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

24	24	Korpe Nikhil Sandeep	
25	25	Kurkute Asmita Kashinath	
26	26	Kuwar Chintan Dilip	
27	27	Machhi Jill Hitesh	
28	28	Manjrekar Nishit Bhaskar	
29	29	Marde Kanak Pravln	
30	30	Meher Prem Prashant	
31	31	Meher Siddhant Kiran	
32	32	Mishra Ayush Manikant	
33	33	More Preet Sadanand	
34	34	Pachalkar Selina Manoj	
35	35	Pagdhare Vedant Surendra	
36	36	Pandey Gaurav Ramkrishna	
37	37	Pandit Aryan Sanjay	
38	38	Parab Om Rajan	
39	39	Parkar Ruchil Sanjay	
40	40	Parkhe Sarthak Dileep	
41	41	Patel Smit Kanaiyalal	
42	42	Patil Harsh Mukesh	
43	43	Patil Mit Surendra	
44	44	Patil Pari Dayanand	
45	45	Patil Shruti Mahendra	
46	46	Patil Swikar Sadanand	
47	47	Patil Yadnyika Mohan	
48	48	Pevekar Parth Ravindra	
49	49	Pimple Mihir Kishor	
50	50	Prajapati Ritesh Ramchandra	





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

51	51	Rana Harshal Ashish	
52	52	Rathod Mohit Ashwin	
53	53	S.madhav C.suthandira pandi	
54	54	Sharma Anurag Brajbhushan	
55	55	Shinde Vikrant Kamlesh	
56	56	Singh Aaditya Vinod	
57	57	Singh Daksh Teekam	
58	58	Singh Navodita Amit	
59	59	Sogale Shivam Dilip	
60	60	Sutar Atharva Sandeep	
61	61	Sutar Gaurav Hindurao	
62	62	Tandel Jatin Santosh	
63	63	Thakur Khushboo Jitendra	
64	64	Tiwari Krish Ajay	
65	65	Upadhyay Yash Deviprasad	
66	66	Varma Ayush Manoj	
67	67	Verma Akanksha Indrajeet	
68	68	Warole Piyush Murlidhar	
69	69	Yadav Unnati Sanjay	

EX-72

3 - Priyanka Sehni

2. Sandip Nath

1 Mangal Deivedi





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

AF 6

## Report on the Online STTP on "Innovative Trends in VLSI and Semiconductor Engineering"

### Details of Activity:

<b>Name of the Activity</b>	<b>Innovative Trends in VLSI and Semiconductor Engineering</b>		
<b>Date &amp; Time</b>	20/01/2025 to 24/01/2025	<b>Department / Committee</b>	Electronics and Computer Science
<b>Venue</b>	-	<b>No. of Participants</b>	170
<b>Nature of Activity</b>	Online	<b>Mode of Activity</b>	Online
<b>Name of Activity In-charge</b>	Dr. Pandharinath Ghonge	<b>Name of Activity Coordinator</b>	Mrs. Parul Jha
<b>Name and Affiliation of Resource person</b>	<ol style="list-style-type: none"> <li>1. Dr. Deepak Bhoir, Professor, Fr.CRCE, Mumbai</li> <li>2. Dr. Sudhakar Mande, Principal, DBIT, Mumbai</li> <li>3. Dr. Sangharatna Godbole, Assistant Professor, NIT, Warangal</li> <li>4. Mr. Siddharth Suttraway, RTL Designer, AMD INDIA PVT LTD.</li> <li>5. Mrs. Sangeeta Parshionikar, Assistant Professor, Fr. CRCE, Mumbai.</li> <li>6. Mr. Prathamesh Patil, Sr. Technical support Engineer, AMD INDIA PVT LTD.</li> <li>7. Mr. Keith Fernandes, Assistant Professor, SJEC, Mangaluru.</li> <li>8. Mr. Pranav Kothe, SoC Design Engineer, Intel Corporation.</li> <li>9. Dr. Pandharinath Ghonge, Professor, SJCEM, Palghar</li> </ol>		

### Activity Information:

<b>Objectives</b>	<p>The primary objectives of the STTP were:</p> <ul style="list-style-type: none"> <li>• To familiarize participants with emerging trends in VLSI and semiconductor technologies.</li> <li>• To bridge the gap between academic research and industry requirements.</li> <li>• To foster innovation and collaboration in semiconductor engineering.</li> <li>• To equip participants with practical knowledge and skills for designing and implementing advanced VLSI systems.</li> </ul>
<b>Target Audience</b>	<ul style="list-style-type: none"> <li>• Faculty Member</li> <li>• Research Scholars</li> <li>• UG/PG Students</li> <li>• Industry Professionals</li> </ul>
<b>Methodology</b>	<p><b>Day 1: 3:00PM to 9:00PM (6Hrs)</b>  <b>Inaugural Session (3:00PM to 4:00PM):</b> The event was inaugurated by Dr. Pandharinath Ghonge, Head of electronics and Computer Science</p>





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

department, who emphasized the critical role of VLSI and semiconductor technology in shaping the future of electronics and communication.

**First Session: Role of Machine Learning in VLSI Design:** 4:00PM to 6:30PM

**Keynote Address:** Delivered by Dr. Deepak Bhoir, on the transformative impact of machine learning in VLSI design and development.

**Technical Session:** Covered applications of machine learning in automating VLSI design processes, such as logic synthesis, placement, and routing.

**Case Studies:** Presented real-world examples showcasing the integration of AI in optimizing chip performance and reducing design cycles.

**Second Session: Neuromorphic Computing and VLSI Implementation:** 7:30PM to 9:00PM

**Expert Talk:** Delivered by Dr. Sudhakar Mande, Principal of DBIT, highlighting the principles of neuromorphic computing and its relevance to VLSI design.

**Technical Insights:** Discussed the architecture and design considerations for implementing neuromorphic systems in VLSI.

**Applications and Case Studies:** Explored applications of neuromorphic computing in robotics, AI, and IoT, supported by practical examples.

**Day 2:** 4:00PM to 9:30PM (5:30Hrs)

**First Session: LLM for Fuzzing:** 4:00PM to 6:30PM

**Keynote Address:** Delivered by Dr. Sangharatna Godbole, Assistant Professor at NIT Warangal, introducing the application of large language models (LLMs) in fuzzing for VLSI verification.

**Technical Insights:** Discussed how LLMs can enhance the efficiency of fuzz testing by generating meaningful test cases and identifying design vulnerabilities.

**Real-World Applications:** Showcased case studies where LLMs were successfully used to improve reliability and performance in semiconductor design.

**Second Session: SoC Design:** 6:30PM to 9:00PM

**Expert Session:** Conducted by Mr. Siddharth Suttraway, RTL designer at AMD INDIA Pvt. Ltd, focusing on the architecture and challenges of System-on-Chip (SoC) design.

**Technical Insights:** Covered topics such as design methodologies, power optimization, and integration of IP cores in SoC development.

**Hands-on Examples:** Provided practical insights into the tools and techniques used in modern SoC design.

**Interactive Q&A:** 9:00PM to 9:30PM

**Day 3:** 4:00PM to 9:00PM (5:30Hrs)

**First Session: System Design Using FPGA:** 4:00PM to 6:30PM

**Expert Session:** Delivered by Mrs. Sangeeta A. Parshionkar, Assistant Professor at Fr. CRCE Mumbai, focusing on the versatility and capabilities of FPGA (Field-Programmable Gate Array) in system design.

**Technical Insights:** Covered the architecture, design flow, and optimization techniques for FPGA-based systems.





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

**Real-World Applications:** Highlighted the use of FPGA in domains such as signal processing, communication systems, and embedded systems.

**Second Session: Hands-on Session on FPGA Programming:** 6:30PM to 9:00PM

**Practical Workshop:** Conducted by Mrs. Sangeeta A. Parshionikar, Assistant Professor at Fr. CRCE Mumbai, providing participants with direct experience in FPGA programming.

**Hands-on Activities:** Included programming exercises using VHDL/Verilog and FPGA tools.

**Project Demonstrations:** Participants worked on small FPGA-based projects, gaining practical insights into implementation and debugging.

**Interactive Q&A:** 9:00PM to 9:30PM

**Day 4:** 4:00PM to 9:30PM (5:30Hrs)

**First Session: Semiconductor Integration in Electric Devices:** 4:00PM to 7:30PM

**Expert Session:** Delivered by Mr. Prathmesh Patil, Support Engineer at AMD INDIA Pvt Ltd, discussing the role of semiconductor technologies in modern electric devices.

**Technical Insights:** Covered topics such as power electronics, semiconductor materials, and their application in electric vehicles and renewable energy systems.

**Second Session: Hardware Security Threats and Countermeasures:** 6:30PM to 9:00PM

**Expert Session:** Delivered by Mr. Keith Fernandes, Assistant Professor at SJEC Mangaluru, focusing on security challenges in VLSI hardware design.

**Technical Insights:** Covered topics such as side-channel attacks, hardware Trojans, and secure chip design methodologies.

**Countermeasure Strategies:** Discussed robust techniques for mitigating hardware security risks, including encryption, authentication, and design obfuscation.

**Interactive Q&A:** 9:00PM to 9:30PM

**Day 5:** 4:00PM to 9:30PM (5:30Hrs)

**First Session: AIML Opportunities to Transform Semiconductor Device Manufacturing:** 4:00PM to 6:30PM

**Expert Session:** Delivered by Mr. Pranav Kothe, SoC Design Engineer in Intel Corporation, focusing on the transformative potential of Artificial Intelligence and Machine Learning (AIML) in semiconductor manufacturing.

**Technical Insights:** Covered topics such as predictive maintenance, process optimization, and yield improvement using AIML.

**Case Studies:** Demonstrated successful AIML applications in defect detection and supply chain management within the semiconductor industry.

**Second Session: NEP2020 for Semiconductor-Based Curriculum:** 6:30PM to 9:00PM





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

	<p><b>Expert Session:</b> Delivered by Mr. Pandharinath Ghonge, discussing the impact of the National Education Policy 2020 (NEP2020) on semiconductor education.</p> <p><b>Curriculum Insights:</b> Explored strategies for aligning semiconductor-related courses with NEP2020 guidelines to enhance skill development and industry readiness.</p> <p><b>Implementation Strategies:</b> Discussed collaborations between academia and industry for effective curriculum integration.</p> <p><b>Interactive Q&amp;A:</b> 9:00PM to 9:30PM</p> <p>Day 6: Assessment (2Hrs)</p>
<b>Outcomes</b>	<p>The STTP achieved its goals of knowledge dissemination and skill enhancement. Key outcomes include:</p> <ul style="list-style-type: none"> <li>• Increased awareness among participants about cutting-edge technologies in VLSI and semiconductors.</li> <li>• Hands-on experience with modern tools and techniques used in the industry.</li> <li>• Networking opportunities that facilitated collaboration between academia and industry.</li> <li>• Inspiration for participants to pursue research and innovation in semiconductor engineering.</li> </ul>

## SWOT Analysis of the Event:

<b>Strength</b>	<ul style="list-style-type: none"> <li>• <b>Expert-Led Sessions:</b> High-quality sessions conducted by industry leaders and academicians ensured in-depth learning and exposure to advanced topics.</li> <li>• <b>Diverse Topics:</b> Covered a wide range of subjects, from machine learning in VLSI to neuromorphic computing and hardware security, catering to varied interests.</li> <li>• <b>Hands-On Workshops:</b> Practical sessions on FPGA programming and ASIC design provided participants with valuable skills.</li> <li>• <b>Accessibility:</b> The online format enabled participants from diverse geographical locations to attend, enhancing inclusivity.</li> <li>• <b>Networking Opportunities:</b> Facilitated interaction between participants, speakers, and industry professionals, fostering collaboration.</li> </ul>
<b>Weakness</b>	<ul style="list-style-type: none"> <li>• <b>Limited Interaction:</b> The online format restricted face-to-face interaction, which could have enhanced engagement and networking.</li> <li>• <b>Time Constraints:</b> Short duration of sessions limited the depth of coverage for complex topics.</li> <li>• <b>Technical Challenges:</b> Some participants faced connectivity issues, affecting their learning experience.</li> </ul>





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

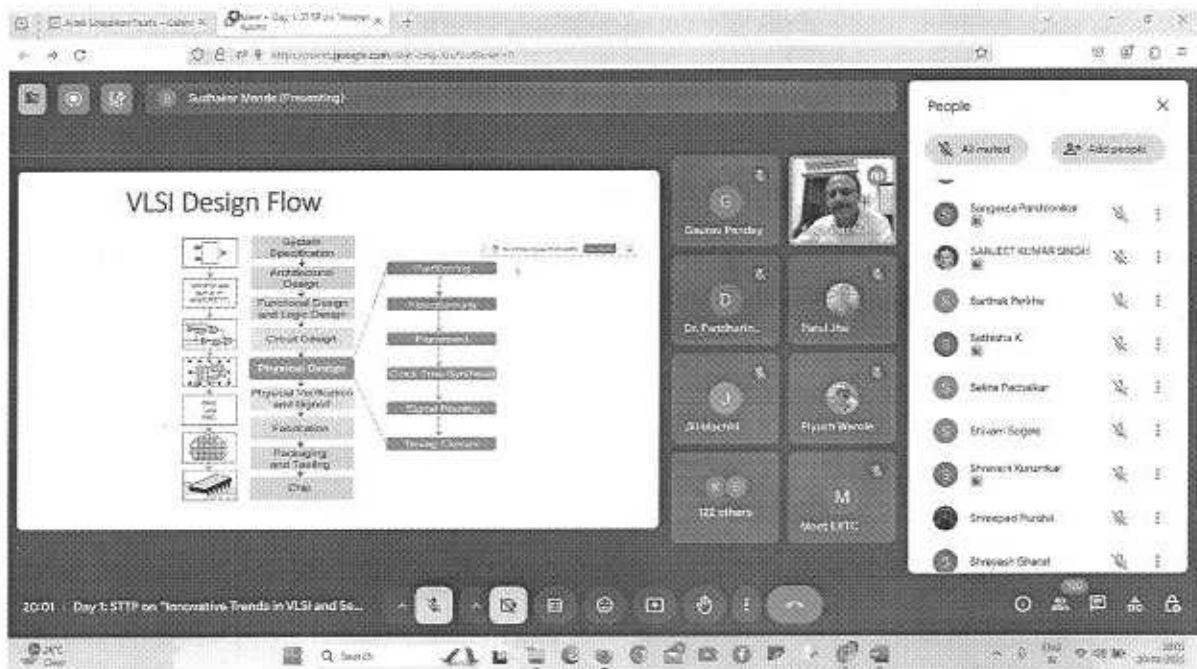
DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

<b>Opportunity</b>	<ul style="list-style-type: none"> <li>• <b>Expanding Reach:</b> Future events can leverage the online format to attract a global audience and increase participation.</li> <li>• <b>Advanced Topics:</b> Potential to explore niche areas like quantum computing and 3D ICs in subsequent programs.</li> <li>• <b>Collaboration with Industry:</b> Opportunities to partner with semiconductor companies for sponsorships, live case studies, and internships.</li> <li>• <b>Skill Certification:</b> Introducing certificates for hands-on workshops to add value for participants and boost their resumes.</li> </ul>
<b>Threats</b>	<ul style="list-style-type: none"> <li>• <b>Competition:</b> Similar online programs from other institutions might dilute the participant base.</li> <li>• <b>Technological Dependence:</b> Reliance on stable internet and software tools could pose challenges for participants from remote areas.</li> <li>• <b>Participant Retention:</b> Maintaining engagement and participation throughout the program can be challenging in an online setup.</li> </ul>

## Geo-Tagged Photo





Madhavi Gokhale (Presenting)

### What is an SoC?

SoCs are microchips that contain all the necessary electronic circuits for a fully functional system on a single integrated circuit (IC). In other words, the CPU, internal memory, I/O ports, analog inputs and output, as well as additional application-specific circuit blocks, are all designed to be integrated on the same chip.

SoCs differentiate themselves from traditional devices and PC architectures, where a separate chip is used for the CPU, GPU, RAM, and other essential functional components.

19:39 | Day 2: STTP on 'Innovative Trends in VLSI and SoC'

Madhavi Gokhale (Presenting)

19:28 | Day 3: STTP on 'Innovative Trends in VLSI and SoC'

Sanjaywata Gokhale (Presenting)

### Proposed Work: SSG-AFL

Figure 2: Schematic representation of SSG-AFL

19:11 | Day 2: STTP on 'Innovative Trends in VLSI and SoC'





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## Proofs & Documents Attached (Tick mark the proofs attached):

<input type="checkbox"/>	Notice / Brochure	<input type="checkbox"/>	Feedback Form
<input type="checkbox"/>	Attendance list	<input type="checkbox"/>	Feedback Analysis
<input type="checkbox"/>	Photos	<input type="checkbox"/>	Media News Details
<input type="checkbox"/>	Certificate	<input type="checkbox"/>	Any Other

Prepared By	Checked By	
Name & Dated Signature	Name & Dated Signature of Coordinator / Co-coordinator	
Hiral Patel  03/02/2025	Dr. P. Ghonge  03/02/2025	Parul Jha  3/2/25

Approved By

HOD Signature





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## Feedback Analysis Report on STTP

**Title:** Feedback Analysis of Short-Term Training Program (STTP) on "Innovative Trends in VLSI and Semiconductor Engineering"

**Organized by:** Department of Electronics and Computer Science Engineering, St. John College of Engineering

**Mode:** Online

### Introduction

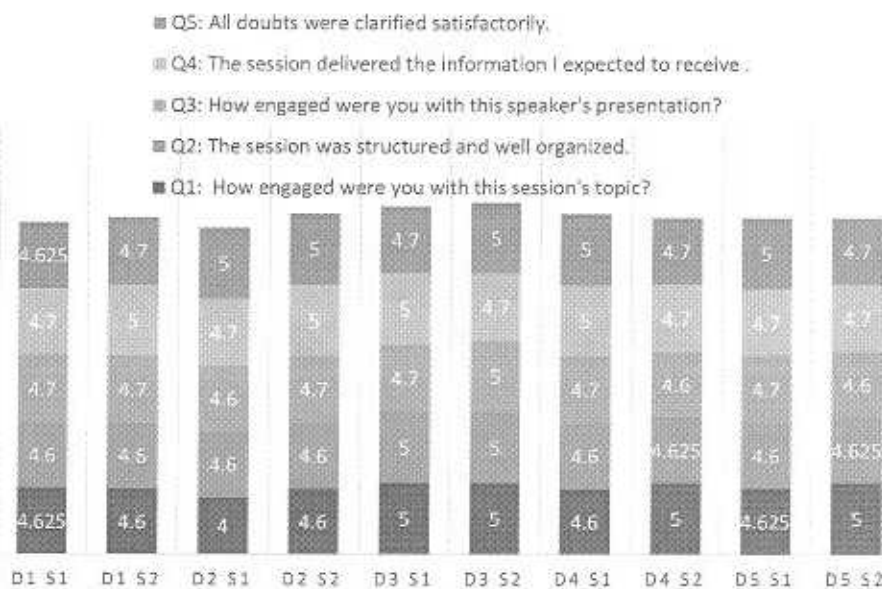
The Short-Term Training Program (STTP) on "Innovative Trends in VLSI and Semiconductor Engineering" was conducted over five days (D1 to D5) with two sessions each day (S1 and S2). The program aimed to enhance participants' knowledge and engagement in the field of VLSI and semiconductor technologies. A feedback analysis was conducted based on five key parameters (Q1 to Q5) to assess the effectiveness of the sessions.

### Feedback Parameters

The analysis focused on the following five questions:

- **Q1:** How engaged were you with this session's topic?
- **Q2:** The session was structured and well-organized.
- **Q3:** How engaged were you with this speaker's presentation?
- **Q4:** The session delivered the information I expected to receive.
- **Q5:** All doubts were clarified satisfactorily.

## FEEDBACK ANALYSIS





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

The STTP on "Innovative Trends in VLSI and Semiconductor Engineering" was an outstanding success, as evidenced by the overwhelmingly positive feedback from participants. The sessions were carefully structured, highly engaging, and provided an abundance of valuable information. The consistently high ratings in Q4 and Q5 indicate that attendees found the sessions immensely beneficial, with all their queries effectively addressed. The feedback strongly highlights the expertise of the speakers, the depth of discussions, and the practical insights delivered throughout the program.

Additionally, the analysis revealed that while Q2 and Q3 received slightly varied ratings, they still demonstrated a well-organized and interactive session format. These minor variations suggest potential refinements in session structuring and increasing audience interaction with speakers. Nevertheless, the overall program not only met but exceeded expectations, with participants expressing a high level of satisfaction. This success further emphasizes the significance and impact of the STTP in enhancing knowledge, fostering innovation, and keeping professionals abreast of the latest trends in VLSI and semiconductor engineering.

### Conclusion:

The program effectively achieved its goals by fostering knowledge acquisition, improving technical skills, and increasing awareness of the latest advancements in VLSI and semiconductor engineering.

Prepared By	Checked By
Name & Dated Signature	Name & Dated Signature of Coordinator / Co-coordinator
Hiral Patel  03/02/2025	Dr. P. Ghonge  03/02/2025 Parul Jha  3/2/25



# St. John College of Engineering and Management, Palghar

ISTE Approved One Week STTP on "INNOVATIVE TRENDS IN VLSI AND SEMICONDUCTOR ENGINEERING" (20/01/2025 to 24/01/2025)

\* Indicates required question

1. Email \*

\_\_\_\_\_

## Feedback form: Day 1 (20/01/2025): Session 2

2. Name of Participant: \*

\_\_\_\_\_

3. Role: \*

*Mark only one oval.*

Faculty

Student

4. Mobile Number (Whatsapp) \*

\_\_\_\_\_

5. Branch \*

\_\_\_\_\_

6. Name of College/Institution/Organization/Company: \*

\_\_\_\_\_



7. 1. How engaged were you with this session's topic? Please consider your working role, prior knowledge, and future interest in this topic for your answer.

Mark only one oval.

1 2 3 4 5

Not      Very Engaged

8. 2. The session was structured and well organized. \*

Mark only one oval.

1 2 3 4 5

Stro      Strongly Agree

9. 3. How engaged were you with this speaker's presentation? Please consider the speaker's style, tone, and slides for your answer. \*

Mark only one oval.

1 2 3 4 5

Not      Very Engaged

10. 4. The session delivered the information I expected to receive. \*

Mark only one oval.

1 2 3 4 5

Stro      Strongly Agree



11. 5. All doubts were clarified satisfactorily.

Mark only one oval.

1 2 3 4 5

Strongly      Strongly Agree

12. 6. Any Suggestions? \*

.....

**THANK YOU!**

This content is neither created nor endorsed by Google.

Google Forms





# St. John College of Engineering and Management



Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201

NAAAC Accredited with Grade 'A++', Three Programs NBA Accredited

## Department of Electronics and Computer Engineering STTP on "Innovative Trends in VLSI and Semiconductor Engineering"

### Day-wise Attendance

Sr No	Name of Participant	Day 1 (20 Jan)		Day 2 (21 Jan)		Day 3 (22 Jan)		Day 4 (23 Jan)		Day 5 (24 Jan)		Total
		Session 1	Session 2	Session 1	Session 2	Session 1	Session 2	Session 1	Session 2	Session 1	Session 2	
1	Parul Jha	P	P	P	P	P	P	P	P	P	P	100
2	Meenal Kate	P	P	P	P	P	P	P	P	P	P	100
3	Shilpa Katre	P	P	P	P	P	P	P	P	P	P	100
4	Sachin M. Sase	P	P	P	P	P	P	P	P	P	P	100
5	Sandip Umajirao Patil	P	P	P	P	P	P	P	P	P	P	100
6	Aishwarya Churi	P	P	P	P	P	P	P	P	P	P	100
7	ONIZA RIDWAN SHAIKH	P	P	P	P	P	P	P	P	P	P	100
8	Vishakha Sangam Rane	P	P	P	P	P	P	P	P	P	P	100
9	Bharat Dinkar Deore	P	P	P	P	P	P	P	P	P	P	100
10	MD YOUSUF AHMED	P	P	P	P	P	P	P	P	P	P	100
11	Vasim Jahangir Tamboli	P	P	P	P	P	P	P	P	P	P	100
12	Urvija Raina	P	P	P	P	P	P	P	P	P	P	100
13	Rashmeen Kaur	P	P	P	P	P	P	P	P	P	P	100
14	Kanishka Setia	P	P	P	P	A	P	P	P	P	P	90
15	Minal Keote	P	P	P	P	P	P	P	P	P	P	100
16	Dr. Pandharinath Ghonge	P	P	P	P	P	P	P	P	P	P	100
17	Hiral Pragnesh Patel	P	P	P	P	P	P	P	P	P	P	100
18	Nidhi Sharma	P	P	P	P	P	P	P	P	P	P	100
19	Mrs. Joslyn Gracias e Vaz	P	P	P	P	P	P	P	P	P	P	100
20	Sanjeet Kumar Singh	P	P	P	P	P	P	P	P	P	P	100
21	Umakant Bhaskar Gohatre	P	P	P	P	P	P	P	P	P	P	100











164	Utkarsh Anurag Sharma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	90
165	Mohit Tukaram Patil	P	P	P	P	P	P	P	P	P	P	P	P	P	P	100
166	Sangam Subhash Rane	P	P	P	P	P	P	P	P	P	P	P	P	P	P	100
167	Sujata S. Chiwande	P	P	P	P	P	P	P	P	P	P	P	P	P	P	100
168	Rohit Sharma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	100
169	Bharati Y. Masram	P	P	P	P	P	P	P	P	P	P	P	P	P	P	100
170	Dr. Nilesh T. Deotale	P	P	P	P	P	P	P	P	P	P	P	P	P	P	100

Prepared By,

*Hiral Patel*  
03/10/2025

Mrs. Hiral Patel

Checked By,

*Parul Jha*

Mrs. Parul Jha  
Co-Coordinator

*Pandharinath Ghonge*

Dr. Pandharinath Ghonge  
Coordinator

*Kamal Shah*

Dr. Kamal Shah  
Principal





# ST. JOHN COLLEGE OF ENGINEERING AND MANAGEMENT

Autonomous | NAAC 'A+' Grade | NBA Accredited

## DEPARTMENT OF ELECTRONICS & COMPUTER SCIENCE ENGINEERING

### Certificate

This is to certify that

**Ritesh Ramchandra Prajapati**

has successfully completed the ISTE approved online STTP (ISTE/Proceedings/STTP/FDP-SF-MAH-145/2024-2025) on "Innovative Trends in VLSI and Semiconductor Engineering" from 20th to 24th January 2025.

Mrs. Parul Jha  
Co-coordinator

Dr. P. Ghonge  
Coordinator

Dr. Kamal Shah  
Principal





# ST. JOHN COLLEGE OF ENGINEERING AND MANAGEMENT

Autonomous | NAAC 'A+' Grade | NBA Accredited

## DEPARTMENT OF ELECTRONICS & COMPUTER SCIENCE ENGINEERING

### Certificate

This is to certify that

**Ankur Banshbahadur Yadav**

has successfully completed the ISTE approved online STTP (ISTE/Proceedings/STTP/FDP-SF-MAH-145/2024-2025) on "Innovative Trends in VLSI and Semiconductor Engineering" from 20th to 24th January 2025.

Mrs. Parul Jha  
Co-coordinator

Dr. P. Ghonge  
Coordinator

Dr. Kamal Shah  
Principal



## ABOUT DEPARTMENT

Electronics and Computer Science Engineering (ECS) stands at the forefront of innovation, propelling advancements in smart automotive systems, artificial intelligence, and beyond. This interdisciplinary field seamlessly integrates the foundational principles of electronics and computer science, providing students with a robust understanding of both domains. Graduates of ECS programs are well-prepared for diverse and dynamic careers in fields such as Embedded Systems, Semiconductor Manufacturing, Information Technology, Artificial Intelligence, Machine Learning, Digital Electronics, and Software and Hardware Engineering. With its holistic approach, ECS empowers students to be at the cutting edge of technological progress, ready to tackle the challenges of a rapidly evolving world.

## COURSE OBJECTIVES

- To provide foundational and advanced knowledge of integrating Artificial Intelligence (AI) and Machine Learning (ML) in VLSI design and semiconductor technologies.
- To enhance understanding of modern system design methodologies, including FPGA programming and neuromorphic computing.
- To align academic and industry practices by integrating NEP 2020 principles into semiconductor-based curriculum development.

## COURSE OUTCOME

- Participants will acquire technical skills to apply AI/ML in optimizing VLSI design and semiconductor manufacturing.
- Participants will develop competencies in advanced system design techniques, including FPGA and neuromorphic architectures.
- Participants will be equipped to create industry-relevant educational curricula in semiconductor technologies, fostering innovation and skill development.

## RESOURCE PERSON FROM ACADEMIC, INDUSTRY AND RESEARCH

- Dr. Sangharatna Godbole, Assistant Professor- National Institute of Technology (NIT), Warangal.
- Dr. Sudhakar Mande, Principal - Don Bosco Institute of Technology (DBIT), Mumbai

- Dr. Deepak V. Bhoir, Professor - Fr. C. Rodrigues College of Engineering (Fr. CRCE), Mumbai
- Mr. Prathamesh Patil - Sr. Technical Support Engineer - AMD India Pvt Ltd, Bangalore
- Dr. Oves Badani, Professor - Indian Institute of Technology (IIT), Hyderabad
- Mr. Siddharth Suttraway, RTL Designer - AMD India Pvt Ltd, Bangalore
- Mrs. Sangeeta A. Parshionkar, Assistant Professor - Fr. C. Rodrigues College of Engineering (Fr. CRCE), Mumbai
- Mr. Pranav Kothe , System on Chip Design Engineer - Intel Corporation, Bangalore
- Dr. Jayamala Adsul, Professor - Vivekanand Education Society's Institute of Technology (VESIT), Mumbai
- Dr. P. Chonge, Professor - St. John College of Engineering and Management (SJCEM), Palghar.

Note : The Certificates shall be issued to those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test conducted at the end of the online FDP

## PATRONS

- |  |  |
|--|--|
| <b>Mr. Albert W. D'Souza</b><br>Chairman         | <b>Mrs. Elvina D'Souza</b><br>Secretary          |
| <b>Mrs. Elaine D'Souza Buthello</b><br>Treasurer | <b>Mr. Aldridge D'Souza</b><br>Member            |
| <b>Dr. Kamal Shah</b><br>Principal               | <b>Dr. Pandharinath Ghonge</b><br>Vice-Principal |

## PROGRAM COMMITTEE

- |   |   |
|---|---|
| <b>Ms. Parul Jha</b><br>Assistant Professor | <b>Mr. Sachin Sase</b><br>Assistant Professor |
|---|---|

## ORGANISING COMMITTEE

- |                            |                           |
|----------------------------|---------------------------|
| <b>Ms. Vishakha Rane</b>   | <b>Ms. Hiral Patel</b>    |
| <b>Ms. Shilpa Katre</b>    | <b>Ms. Joslyn Gracids</b> |
| <b>Ms. Aishwarya Churi</b> | <b>Ms. Meenal Kato</b>    |
| <b>Mr. Sandip Patil</b>    |                           |



ALDEL EDUCATION TRUST'S

# ST. JOHN COLLEGE OF ENGINEERING AND MANAGEMENT

Autonomous

Approved by AICTE, Recognized by DTES, Affiliated to the University of Mumbai, MSBTE

NAAC 'A+' Grade | NBA Accredited

organizes

INDIAN SOCIETY FOR TECHNICAL EDUCATION

ISTE Approved  
Online

One Week Short Term Training Program (STTP)

011

## INNOVATIVE TRENDS IN VLSI AND SEMICONDUCTOR ENGINEERING

20<sup>th</sup> - 24<sup>th</sup>  
January 2025

Electronics and Computer Science Department,  
Palghar(East), Maharashtra -401404

COORDINATOR

Dr. Pandharinath Ghonge

pandharinathg@sjcem.edu.in

9809025984

CO-COORDINATOR

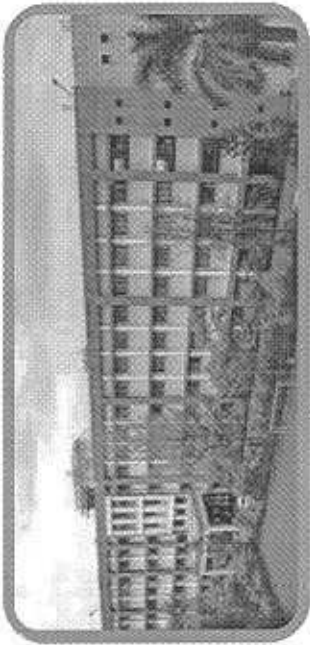
Mrs. Parul Jha

parulj@sjcem.edu.in

729169833

St. John Technical and Educational Campus, Verover, Manor Road, Palghar (E) - 401404

## ABOUT THE COLLEGE



Aidel Education Trust, a Christian Religious Minority Trust, was established in 2007 with the mission of imparting professional knowledge, fostering expertise, and nurturing the creativity of young individuals. The Trust was founded by Mr. Albert W. D'Souza, a visionary, philanthropist, and renowned industrialist, who also leads an internationally acclaimed printing and publishing firm. Recognized with the prestigious 'Entrepreneur of the Year' Award, Mr. D'Souza has actively contributed to the growth of numerous Minority Technical Institutes managed by the Christian Religious Community across the country. As a key member of the Governing Council of these institutions, his foresight and dedication have opened countless opportunities for students to pursue promising careers.

The St. John Technical and Educational Campus, established under the aegis of Aidel Education Trust, is a testament to Mr. D'Souza's vision of providing specialized professional education to empower the youth. The campus, which began with Engineering and Pharmacy colleges in 2008, has since grown to include institutes offering courses in Management, Polytechnic, Diploma in Pharmacy, Hotel Management, Humanities & Sciences, a Junior College, and an International CBSE School.

With the guiding principle of 'Excellence in Serving to Educate and Educating to Serve', the Trust places emphasis on the holistic development of students. At SJCEM, equal importance is given to academic excellence and the development of skills such as leadership, teamwork, and communication. The campus is located in the peaceful rural and tribal area of Paighar District near Mumbai, offering a unique learning environment away from the city's hustle and bustle.

Aidel Education Trust is also deeply committed to sustainability and social responsibility, which sets it apart from other institutions. With state-of-the-art infrastructure and experienced faculty, the Trust ensures that students receive a well-rounded education that prepares them for a bright future.

## VISION, MISSION AND QUALITY POLICY

### VISION

- "Excellence in Engineering Education & Creating Next-Gen Leaders / Managers in the Service of Society"

### MISSION

- To impart quality engineering education for holistic development
- To provide conducive environment for joyful learning, innovation and research
- To promote innovative technology enabled teaching and learning process
- To nurture socially responsible engineers, entrepreneurs and leaders
- To enhance employability skills to meet the changing industrial trends

### QUALITY POLICY

To impart quality professional education with conducive environment for technology enabled teaching-learning and to nurture socially responsible professionals with enhanced employability skills.

## ABOUT ISTE

The Indian Society for Technical Education (ISTE) is a prominent national-level professional, non-profit organization dedicated to advancing the technical education system in India. Its motto emphasizes the career development of teachers, the personality development of students, and the overall enhancement of technical education. Currently, ISTE boasts a substantial and active membership base, including over 1,02,985 teachers, 5.5 lakh student members, 2,410 institutional members, 1,214 faculty chapters, and 1,322 student chapters, encompassing premier institutions such as IITs, IISc, NITs, and other leading technical organizations. At the national level, ISTE operates with 19 state-level sections. The primary objective of ISTE is to deliver quality training programs for teachers and administrators in technical institutions, enabling them to enhance their knowledge and skills. Additionally, ISTE contributes to producing and nurturing top-quality professionals to meet the demands of industry and various organizations.

## MAIN FOCUS OF STTP

- **Role of Machine Learning in VLSI Design:** Exploring ML applications to optimize VLSI design and performance.
- **Neuromorphic Computing and VLSI Implementation:** Understanding brain-inspired computing using VLSI technology.
- **Large Language Models (LLM) for Fuzzing:** Utilizing LLMs to enhance security and reliability through fuzz testing.

- **System-on-Chip (SoC) Design:** Insights into SoC architecture and development for modern electronics.
- **System Design Using FPGA:** Leveraging FPGA technology for efficient system design.
- **FPGA Programming:** Fundamentals and advanced techniques for FPGA programming.
- **Semiconductor Integration in Electric Devices:** Role of semiconductors in electric device functionality.
- **Semiconductor Integration with AI and ML:** Enabling smarter devices through AI/ML-driven semiconductor technology.
- **AI/ML Opportunities in Semiconductor Manufacturing:** Transforming manufacturing processes using AI/ML.
- **NEP 2020 for Semiconductor-Based Curriculum:** Opportunities to modernize semiconductor education under NEP 2020.

## REGISTRATION PROCESS

### Registration link

<https://forms.gle/eeCSPLYSJNelyKkg7>



### Category Fees:

**Faculty Members, Non-SJCEM Faculty,**

**Industry Persons- INR 200/-**

**UG/PG/Phd Student - INR. 150/-**

**For queries related to registration can contact:**

**Dr. Pandharinath Ghonge**

[pandharinath@sjcem.edu.in](mailto:pandharinath@sjcem.edu.in)

9869025964

**Mrs. Parul Jha**

[parul@sjcem.edu.in](mailto:parul@sjcem.edu.in)

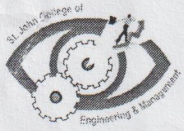
7219199633

## SCAN FOR PAYMENT



**Last date for filling Registration Form : 16<sup>th</sup> January, 2025**

*No refund of registration fees in case of cancellation.*



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

AF 6

## REPORT

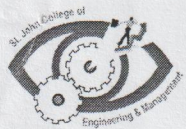
<b>Name of the Activity</b>	Webinar on “Role of Machine learning in VLSI design”		
<b>Date&amp; Time</b>	9 <sup>th</sup> Dec 2024 10:30 am	<b>Department/Committee</b>	EXTC/ECS
<b>Venue</b>	A-201 Classroom	<b>No. of Participants</b>	70
<b>Nature of Activity</b>	Webinar	<b>Mode of Activity</b>	Online
<b>Name of Activity In-charge</b>	Mrs. Joslyn Gracias	<b>Name of Activity Coordinator</b>	Mrs. Joslyn Gracias
<b>Name and Affiliation of Resource person</b>	Takshila VLSI		

### Details of Activity:

#### Activity Information:

<b>Objectives</b>	<ul style="list-style-type: none"> <li>To provide students with insights into how <b>Artificial Intelligence (AI)</b> and <b>Machine Learning (ML)</b> are transforming the field of <b>VLSI (Very Large-Scale Integration)</b>.</li> <li>To bridge the gap between academic learning and industry trends by introducing real-world applications of AI/ML in VLSI design and verification.</li> </ul>
<b>Target Audience</b>	TE and BE Students, EXTC /ECS
<b>Methodology</b>	<p>The session was conducted online by <b>Takshila VLSI</b>, featuring an expert speaker with industry experience in both AI/ML and semiconductor technologies. The session began with an overview of the VLSI industry and its current challenges, followed by a deep dive into how AI/ML is being leveraged for design automation, fault detection, predictive maintenance, and optimization.</p> <p>Interactive presentation slides, live examples, and use cases were shared to enhance understanding. A Q&amp;A session was held at the end to address students' doubts and encourage further exploration of the topic.</p>





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201

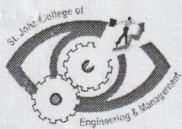


NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

<b>Outcomes</b>	<ul style="list-style-type: none"> <li>• Students gained a clear understanding of how AI/ML is integrated into the VLSI workflow, from chip design to testing and validation.</li> <li>• The session sparked interest in interdisciplinary research and opened up awareness of new career paths combining <b>electronics, AI, and data science.</b></li> </ul>
-----------------	--

### SWOT Analysis of the Event:

Strength	Weakness	Opportunity	Threats
<ul style="list-style-type: none"> <li>• Delivered by industry experts, providing real-world insights into the intersection of AI/ML and VLSI.</li> <li>• Interactive format with relevant examples and live Q&amp;A helped engage students and clarify complex concepts.</li> </ul>	<ul style="list-style-type: none"> <li>• Being an online session, it lacked hands-on demonstrations or practical exposure to tools used in AI/ML-VLSI applications.</li> <li>• Limited time may have restricted deeper exploration of advanced technical topics.</li> </ul>	<ul style="list-style-type: none"> <li>• Opens avenues for future workshops or certification programs focused on AI/ML in semiconductor design.</li> <li>• Encourages interdisciplinary learning, motivating students to explore AI applications beyond traditional electronics.</li> </ul>	<ul style="list-style-type: none"> <li>• Rapidly evolving technologies in AI/ML and VLSI may render static content outdated without regular updates.</li> <li>• Students with limited background in either domain might find it challenging to grasp the integrated concepts without follow-up sessions.</li> </ul>



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201

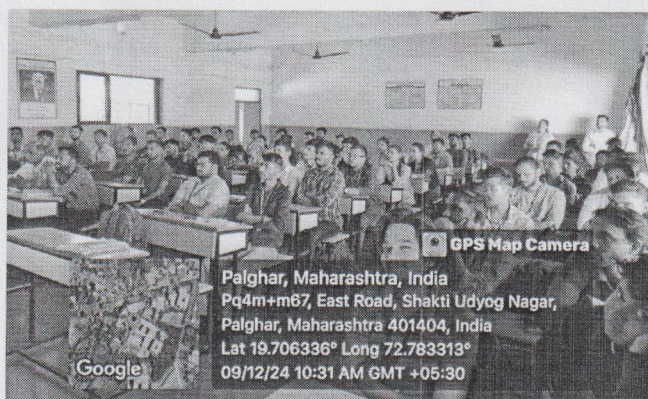


NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## Photo



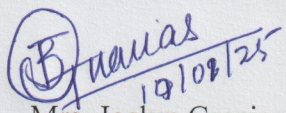
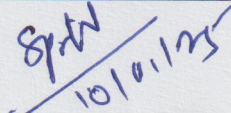
Palghar, Maharashtra, India  
 Palghar Road, Shakti Udyog Nagar,  
 Palghar, Maharashtra 401404,  
 India  
 Lat 19.706096° | Long  
 72.7835351°  
 401404



Palghar, Maharashtra, India  
 Pq4m+m87, East Road, Shakti Udyog Nagar,  
 Palghar, Maharashtra 401404, India  
 Lat 19.706336° Long 72.783313°  
 09/12/24 10:31 AM GMT +05:30

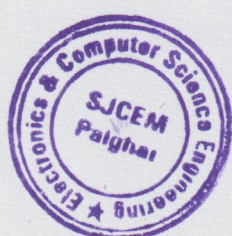
### Proofs & Documents Attached (Tick mark the proofs attached) :


<input type="checkbox"/>	Notice / Brochure	<input type="checkbox"/>	Feedback Form
<input type="checkbox"/>	Attendance list	<input type="checkbox"/>	Feedback Analysis
<input type="checkbox"/>	Photos	<input type="checkbox"/>	Media News Details
<input type="checkbox"/>	Certificate	<input type="checkbox"/>	Any Other

Prepared By	Checked By
Name & Dated Signature of Coordinator	Name & Dated Signature of Committee In-charge
 Mrs. Joslyn Gracias	 10/01/25

Date of Activity: 9/12/25  
 Date of Report Submission: 10/01/25  
 Reason for delay if any: Format Update

Date: 10/01/25



  
 Approved By  
 HOD Signature



**St. John College of Engineering and Management**

**Autonomous Institute**

**(A Christian Religious Minority Institution)**

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## **NOTICE**

**Date : 30<sup>th</sup> Aug, 2024**

We are delighted to announce that our department is organizing an **Expert Talk** on the topic:  
**“Emerging Trends in IoT and Industry 4.0”**

The session will be delivered by **Mr. Chirag Raul**,  
**Founder of Coding Genius Lab**,  
who will share valuable insights into the latest advancements in IoT and Industry 4.0 technologies.

**Date:** 3<sup>rd</sup> Sep, 2024

**Time:** 11:00 am

**Venue:** Main Auditorium, 3<sup>rd</sup> Floor.

**Organized by:** SPACE (Student Association)

This event is being organized under the banner of **SPACE** our departmental student association.

All students are encouraged to attend this informative session and make the most of the opportunity to interact with an industry expert.



  
**Dr. P. A Ghonge**  
HoD



**ST. JOHN COLLEGE OF ENGINEERING & MANAGEMENT**

Autonomous Institute  
(A Christian Religious Minority Institute)  
Approved by AICTE, Recognized by DTE and Affiliated to the University of Mumbai, MSBTE  
NAAC 'A+' Grade | NBA Accredited



Department of Electronics & Computer Science And Electronics & Telecommunication

✓  
✓  
✓  
✓  
**EXPERT TALK**  
**Emerging Trends in**  
**IIOT and Industry 4.0**

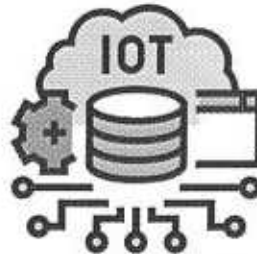


**Mr. Chirag Raul**  
Founder of Coding Club Lab

Date : 3 September 2024

Time : 12.15 pm

Venue : Auditorium Hall



SPACE SJCEM space\_sjcem





## ST. JOHN COLLEGE OF ENGINEERING & MANAGEMENT

Autonomous Institute  
(A Christian Religious Minority Institute)  
Approved by AICTE, Recognised by DTE and Affiliated to the University of Mumbai, MSBTE  
NAAC 'A+' Grade / NBA Accredited

Department of Electronics & Computer Science And Electronics & Telecommunication



### Expert talk on Emerging Trends in IIOT and Industry 4.0

**Date:** 3<sup>rd</sup> September 2024

**Target Audience:** SE ECS, TE ECS, TE EXTC & BE EXTC

**Total Students:** 70

**Session Conduction Duration:** 12:15 pm to 1:15 pm

**Session Venue:** Auditorium Hall, 3rd Floor, SJCEM

**Session Organizer:** Mr. Sachin Sase & Mr. Sandip Patil

**Department:** Electronics and Computer Science & Electronics and Telecommunication Engineering

#### **Description of the Session:**

An insightful expert talk session was conducted with Mr. Chirag Raut, a seasoned Full Stack Developer with over 12 years of experience, and a former Assistant Scientist at Bhabha Atomic Research Centre (BARC). The session, inaugurated by the Head of Department, Dr. Pandharinath Ghonge, focused on the evolving landscape of the Industrial Internet of Things (IIOT).

Mr. Raut began by introducing firmware, the foundational software for IIOT devices, and provided a comprehensive overview of IIOT. He discussed its benefits, such as increased efficiency and automation, and its wide-ranging applications, including smart homes and industrial automation. Mr. Raut also addressed the challenges of IIOT, such as security concerns and data privacy, emphasizing the need for innovation and collaboration.

He further explored top IIOT technologies and trends, like AI integration, 5G connectivity, and Edge Computing, and discussed the future of IIOT and its potential to shape industries. Specific technical topics covered included the MQTT protocol, the interconnected IIOT ecosystem, and the significance of Edge Computing in improving system performance.

#### **Session Outcomes:**

- **Enhanced Knowledge:** Participants gained a solid understanding of IIOT and its various components, equipping them with the knowledge to explore and engage with this rapidly evolving field.
- **Career Guidance:** The talk provided valuable insights into career opportunities in IIOT, encouraging students to consider this dynamic field and prepare themselves with the necessary skills.
- **Technical Proficiency:** Attendees deepened their technical knowledge, particularly in areas like firmware, MQTT, and Edge Computing, which are crucial for IIOT development.



- **Future Preparedness:** The discussion on future IIOT trends helped participants anticipate industry developments and the potential impact on their future careers.
- **Problem-Solving Skills:** Through an understanding of the challenges in IIOT, such as security and data privacy, participants enhanced their problem-solving abilities by learning how to address these issues.

**Event Photos:**



*Sase*  
*Patil*  
 Mr Sachin Sase  
 Mr Sandip Patil  
 Faculty Co-Ordinator



*[Signature]*  
 Dr. Pandharinath Ghonge  
*[Signature]*  
 HOD of ECS EXT C



Department of Electronics and Computer Science Engineering (ECS)  
& Electronics and Telecommunication Engineering (EXTC)

## **A Report**

**on**

## **“Exploring the Future: A Comprehensive Session on Drone Technology and its Applications”**

**Date:** 10<sup>th</sup> July, 2024

**Time:** 12:15 PM to 1:15 PM

**Venue:** SJCEM Auditorium Hall

**Visit Organizer:** ECS & EXTC Department and SPACE

**Targeted students:** SE & TE ECS and TE & BE EXTC

**Total Participants:** 177

### **Description:**

Department of Electronics & Computer Science and Electronics & Telecommunication conducted an Expert talk session on “Exploring the Future: A Session on Drone Technology and its Applications”. Mr. Gaurav Singh, CEO of WECAN Education Organisation, a distinguished expert in the field of educational technology and innovation were the expert of the day for the session. The expert talk session on drone technology not only provided students with an engaging learning experience but also deepened their understanding of drone operations, navigation systems, and regulatory compliance, all of which will enhance their employability and benefit their future careers in the rapidly evolving field of drone technology. Presentations about the drone components, the various tools used, and the integration of sensors with drone technology were incredibly helpful for students. Students had the opportunity to learn about various types of drones, their classifications, and observe their practical applications. They provided a comprehensive understanding of how drones operate, highlighting the significant role of these components in enhancing drone functionality.

### **Learning Outcome:**

- Learners will be able to explain the fundamental components and operating principles of drones, including flight mechanics, control systems, and power sources.
- Learners will identify and describe various applications of drone technology across different industries such as agriculture, photography, delivery services, surveillance, and emergency response.
- Learners will understand the regulatory framework governing drone usage, including airspace rules, licensing requirements, and ethical considerations related to privacy and safety.
- Learners will demonstrate the ability to safely operate a drone, perform basic maneuvers, and follow safety protocols to minimize risks during flight operations.
- Learners will be able to discuss current trends and future advancements in drone technology, including innovations in artificial intelligence, automation, and potential impacts on various sectors.



# St. John College of Engineering and Management

**Autonomous Institute**

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



**NAAC Accredited with Grade 'A+', Three Programs NBA Accredited**

## Event Photos:



Mrs. Joslyn Gracias  
Coordinator

Mrs. Shilpa Katre  
Faculty Co-coordinator

Dr. Pandharinath Ghonge Faculty  
HOD of EXTC & ECS



**Experiential Learning  
Sample Expert Lectures  
Reports**



## Department of Electronics and Computer Science Summary Sheet of Activities

Name of the Workshop / seminar/ expert talk or events conducted under the association	Date	Number of students Attended	Name of the agencies / consultants involved (if any)
Organized Technical Poster Presentation named as "Sampreshit 2.O"	11/04/2025	72	Students Association "SPACE"
Organized Expert talk on "10X Growth Internship Opportunity"	25/03/2025	120	Mr. Sanghani, Founder of 10X Growth Company.
Organized "Industrial Visit at Nehru Planetarium, Worli"	07/02/2025	75	Students Association "SPACE"
Organized Expert Talk Session on "Career Pathways in Semiconductor Technology Report".	28/01/2025	110	Mr. Shaun Tauro Senior Process Engineer Global Foundries, Malta, NY
Organized Technical Poster Presentation named as "Sampreshit 1.O"	09/10/2024	155	Students Association "SPACE"
Organized an Visit to an Oldage-Home	01/10/2024	80	Anand Vridhashram, Shirgaon Palghar(W)
Engineers Day Celebration	20/09/2024	250	Students Association "SPACE"
Teachers Day Celebration	05/09/2024	140	Students Association "SPACE"
Expert Talk on "Emerging Trends in IoT and Industry 4.O"	3/09/2024	70	Mr. Chirag Raul Founder of Coding Genius Lab
Student Association Inaguration	13/08/2024	150	Students Association "SPACE"
Organized "Peer-to-peer expert talk on Placement" by the alumni Students"	2/08/2024	70	Mr. Prachit Save and Ms. Siddhi Jadhav
Organized an Industrial Visit at MIRC Electronics(ONIDA), Wada.	17/07/2024	70	MIRC EElectronics Onida, Wada
Organized Expert Talk Session on "Drone Technology and its Applications"	10/07/2024	155	Mr. Gaurav Singh, CEO of WECAN Education Organization.





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## NOTICE

Date- 4<sup>th</sup> April 2025

We are thrilled to announce **Samreshit 2.0** – a **Technical Poster Presentation** event that highlights the **innovative mini-projects** of our **2<sup>nd</sup> year students!**

**Date:** 11<sup>th</sup> April 2025

**Venue:** ECS Department

**Organized by:** SPACE – Student Association

This event provides a dynamic platform for students to showcase their creativity and technical skills through **poster presentations**. It's a great opportunity to explore cutting-edge ideas and interact with emerging tech talents!

Come and be inspired by the next generation of innovators!

**All students and faculty are cordially invited.**



**Dr. P. A Ghonge**  
HoD



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+'; Three Programs NBA Accredited

AF 6

## REPORT On Poster and Project Presentation

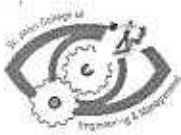
### Details of Activity:

Name of the Activity	Sampreshit 2.0 2025		
Date & Time	11/04/2025	Department / Committee	ECS
Venue	Digital lab and Wireless lab	No. of Participants	74
Nature of Activity		Mode of Activity	Offline
Name of Activity In-charge	Hiral Patel	Name of Activity Coordinator	Hiral Patel
Name and Affiliation of Resource person	Mrs. Rosy Pradhan, Mrs. Juliy Tarade, Mrs. Abira Banik and Mr. Sangam Rane		

### Activity Information:

Objectives	<input type="checkbox"/> Provide a platform for students to showcase their innovative ideas and technical knowledge. <input type="checkbox"/> Encourage project-based learning and critical thinking. <input type="checkbox"/> Promote teamwork and communication skills through interactive presentations. <input type="checkbox"/> Integrate theoretical concepts with practical implementation.
Target Audience	Second Year Electronics and Computer Science Students
Methodology	<input type="checkbox"/> Students identified real-world problems and selected appropriate project themes (e.g., smart agriculture, home automation, health monitoring, weather station, etc.). <input type="checkbox"/> Selected the appropriate development board (Arduino, ESP32, or NodeMCU) based on project requirements like processing power, Wi-Fi/Bluetooth connectivity, and GPIO availability. <input type="checkbox"/> Planned the overall system architecture and components needed. <input type="checkbox"/> Wrote programs using platforms such as: <ul style="list-style-type: none"> <li>o <b>Arduino IDE</b> – for Arduino and NodeMCU.</li> </ul> <input type="checkbox"/> Implemented data acquisition, sensor signal processing, condition-based automation, and decision-making logic. <input type="checkbox"/> Used <b>Wi-Fi / Bluetooth</b> modules of ESP32 and NodeMCU for wireless data transfer. <input type="checkbox"/> Integrated with <b>IoT platforms</b> like <b>ThingSpeak</b> , <b>Blynk</b> , or <b>Firestore</b> for remote data monitoring and control. <input type="checkbox"/> Debugged issues related to sensor readings, communication errors, or logical bugs in the code. <input type="checkbox"/> Created informative posters covering project title, objective, components used, circuit diagram, working flow, and applications.





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



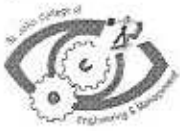
NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

	<input type="checkbox"/> Demonstrated the live working model or simulation during presentation to faculty <input type="checkbox"/> Evaluation was based on innovation, technical content, teamwork, communication, and practical demonstration.
<b>Outcomes</b>	<input type="checkbox"/> Students gained hands-on experience in designing and presenting technical projects. <input type="checkbox"/> Developed skills in communication, project planning, and teamwork. <input type="checkbox"/> Enhanced understanding of the real-world applications of academic concepts. <input type="checkbox"/> Some projects showed potential for further development or participation in external competitions.

### SWOT Analysis of the Event:

<b>Strength</b>	<input type="checkbox"/> Promoted student creativity and problem-solving. <input type="checkbox"/> Increased participation and interest in practical learning. <input type="checkbox"/> Encouraged interdisciplinary collaboration.
<b>Weakness</b>	<input type="checkbox"/> Some projects lacked depth due to time constraints or limited resources. <input type="checkbox"/> Few students struggled with effective presentation skills.
<b>Opportunity</b>	<input type="checkbox"/> Potential to develop projects into prototypes or research papers. <input type="checkbox"/> Can be extended to institute-level or inter-collegiate competitions. <input type="checkbox"/> Scope for industry collaboration and mentorship.
<b>Threats</b>	<input type="checkbox"/> Limited availability of components/software licenses may hinder development. <input type="checkbox"/> Time management issues if project deadlines coincide with academic schedules.





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## Geo-Tagged Photo



Palghar, Maharashtra, India

Mechanics Lab And Workshop, Shakti Udyog  
Nagar, Palghar, Maharashtra 401404, India  
Lat 19.706133° Long 72.783314°



Palghar, Maharashtra, India

Mechanics Lab And Workshop, Shakti Udyog  
Nagar, Palghar, Maharashtra 401404, India  
Lat 19.70619° Long 72.78329°



Palghar, Maharashtra, India

Mechanics Lab And Workshop, Shakti Udyog  
Nagar, Palghar, Maharashtra 401404, India  
Lat 19.705934° Long 72.783427°



Palghar, Maharashtra, India

Mechanics Lab And Workshop, Shakti Udyog  
Nagar, Palghar, Maharashtra 401404, India  
Lat 19.705908° Long 72.783498°



Palghar, Maharashtra, India

Mechanics Lab And Workshop, Shakti Udyog  
Nagar, Palghar, Maharashtra 401404, India  
Lat 19.705940° Long 72.783427°



Palghar, Maharashtra, India

Mechanics Lab And Workshop, Shakti Udyog  
Nagar, Palghar, Maharashtra 401404, India  
Lat 19.705918° Long 72.783428°



Palghar, Maharashtra, India

Mechanics Lab And Workshop, Shakti Udyog  
Nagar, Palghar, Maharashtra 401404, India  
Lat 19.705947° Long 72.78343°



Palghar, Maharashtra, India

Mechanics Lab And Workshop, Shakti Udyog  
Nagar, Palghar, Maharashtra 401404, India  
Lat 19.706217° Long 72.783286°





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

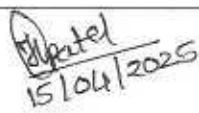

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## Proofs & Documents Attached (Tick mark the proofs attached) :

Notice / Brochure	Feedback Form
Attendance list	Feedback Analysis
Photos	Media News Details
Certificate	Any Other

Prepared By	Checked By
Name & Dated Signature of Coordinator	Name & Dated Signature of Committee In-charge
 15/04/2025 Hiral Patel	 15/04/2025

Date of Activity:

Date of Report Submission:

Reason for delay if any:

Date:



Approved By  
HOD Signature



St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201




NAAC Accredited with Grade 'A+', Three Programs NBA Accredited


## NOTICE


Date- 24<sup>th</sup> Feb,2025


We are excited to announce an **Expert Talk** on the topic: **“10X Growth Internship Opportunity”**

 **Speaker:** Mr. Sanghani  
**Founder, 10X Growth Company**

This session will provide valuable insights into **internship opportunities** that offer immense learning and growth potential, helping you kickstart your career in a dynamic and evolving industry.

 **Date:** 25th March 2025

 **Time:** 12:00 PM

 **Venue:** 210 Classroom

**Organized by:** Student Association “SPACE”

**All students are invited to attend and benefit from this enriching opportunity!**



  
**Dr. P. A Ghonge**  
HoD



## ST. JOHN COLLEGE OF ENGINEERING & MANAGEMENT

Autonomous Institute  
(A Christian Religious Minority Institute)  
Approved by ACOTE, Recognized by DTE and Affiliated to the University of Mumbai, MSBTE  
NAAC 'A+' Grade | NBA Accredited

Department of Electronics & Computer Science And Electronics & Telecommunication



### REPORT ON 10XGROWTH INTERNSHIP OPPORTUNITIES SESSION

**Date:** 25<sup>th</sup> March 2025

**Target Audience:** SE ECS /EXTC, TE ECS/EXTC, BE EXTC

**Total Students:** 120

**Reporting Time:** 12:15 PM to 1:15 PM

**Session Venue:** SE ECS Classroom

**Session Organizer:** SPACE

**Department:** Electronics and Computer Science & Electronics and Telecommunication Engineering

#### **Description of the Session :**

The Departmental Community SPACE of ECS/EXTC at St. John College of Engineering and Management organized an insightful session on internship opportunities, presented by Mr. Happy Ajay Sanghani, the founder of 10X Growth Company. The session focused on the various internship roles offered by the company and their potential benefits for students.

Mr. Sanghani provided a detailed explanation of the different internship roles available, emphasizing the flexibility of the program. The internship allows students to work in any domain of their interest, whether technical or non-technical. The primary objective of the internship is to contribute to social work by assisting the local community and eventually expanding to larger areas.

#### **Key Highlights of the Internship:**

**Diverse Opportunities:** Students can choose to create applications or engage in other domains that align with their skills and interests.

**Social Impact:** The internship aims to bring positive changes in society through various projects, focusing on collective prosperity.

**Flexible Structure:** With a total duration of 300 hours, the internship offers flexibility, making it accessible to students from different backgrounds.

**Virtual Mode:** The program can be undertaken remotely, ensuring ease of participation.

**Skill Development & Stipend:** Students will gain valuable skills, and those who excel will receive a stipend.

**Empowering the Youth:** The overarching goal of 10X Growth Company is to make students capable and confident in their careers.

#### **Outcomes of the Session:**

**Awareness Creation:** Students gained insights into the various internship opportunities available and how they align with their personal and professional growth.

**Encouragement for Participation:** The flexibility and virtual nature of the internship encouraged more students to consider applying.

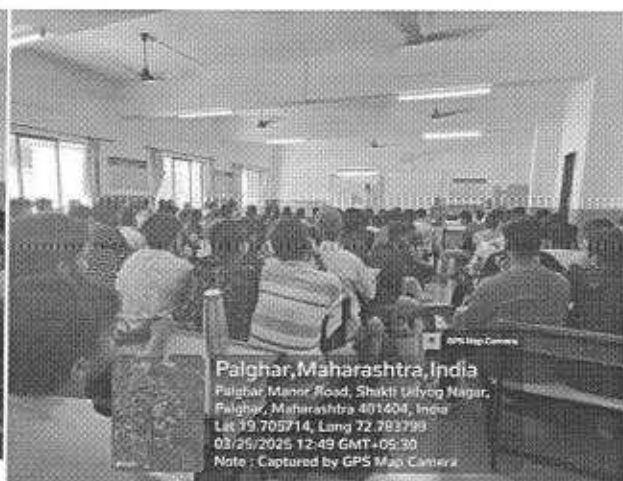
**Understanding Social Responsibility:** The session highlighted the importance of contributing to society through innovative projects.



**Skill Enhancement:** Students recognized the potential to acquire practical knowledge that would enhance their employability.

**Networking Opportunities:** Interaction with Mr. Sanghani provided students with exposure to industry trends and professional guidance.

**Session Photos:**



Faculty Co-Ordinator



Dr. Pandharinatr Ghonge

HOD of ECS/ EXTC



St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201




NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## NOTICE

Date- 3<sup>rd</sup> Feb,2025

We are pleased to announce that our department is organizing an **Industrial Visit to Nehru Planetarium, Worli** for an enriching educational experience.

 **Date:** 7th February 2025

 **Location:** Nehru Planetarium, Worli

**Organized by:** Student Association "SPACE"

This visit aims to enhance students' understanding of space science and astronomy through interactive exhibits and live demonstrations.

All selected students are requested to be present on time and follow the guidelines provided by the faculty coordinators.



Dr. P. A Ghonge  
HoD



## ST. JOHN COLLEGE OF ENGINEERING & MANAGEMENT

Autonomous Institute  
(A Christian Religious Minority Institute)  
Approved by AICTE, Recognized by DTE and Affiliated to the University of Mumbai, MSBTE  
NAAC 'A+' Grade | NBA Accredited

Department of Electronics & Computer Science And Electronics & Telecommunication



### REPORT ON INDUSTRIAL VISIT AT WORLI

**Date:** 7<sup>th</sup> February 2025

**Target Audience:** SE ECS/EXTC

**Total Students:** 75

**Reporting Time:** 9:00 am to 1:00 pm

**Event Venue:** Nehru Planetarium, Worli

**Event Organizer:** Faculty of SE ECS/EXTC

**Department:** Electronics and Computer Science & Electronics and Telecommunication Engineering

#### **Description of the Event:**

On 7<sup>th</sup> February 2025, students of SE ECS/EXTC attended an industrial visit to the Worli exhibition at the Nehru Planetarium. The exhibition featured a variety of innovative projects from different domains of technology, including skin care products, sensors, robotics, and logic gates. The visit was an excellent opportunity for students to gain practical exposure to emerging technologies and interact directly with experts in the field. The exhibition displayed a wide range of projects across various technological sectors.

The exhibition featured innovative skin care solutions, focusing on the use of natural and sustainable ingredients. Various types of sensors, including motion, temperature, and proximity sensors, were demonstrated. These technologies are critical in many fields, such as automation, healthcare, and smart devices. The robotics section showcased functional robots that perform tasks in industries like manufacturing and healthcare. Students had the chance to interact with the robots, observe their working mechanisms, and learn about their potential applications.

Students were encouraged to engage with the exhibits directly. Many students experimented with different sensors, interacted with robots, and observed the operations of logic gates. This hands-on experience allowed them to better understand the theoretical concepts learned in their coursework and appreciate the practical applications of those concepts.

The exhibitors were highly knowledgeable and approachable, taking time to explain the details of their projects. Students actively interacted with the presenters, asking questions about the challenges they faced during project development. This interaction enriched the students' learning experience and provided them with insights into the real-world applications of the technologies.

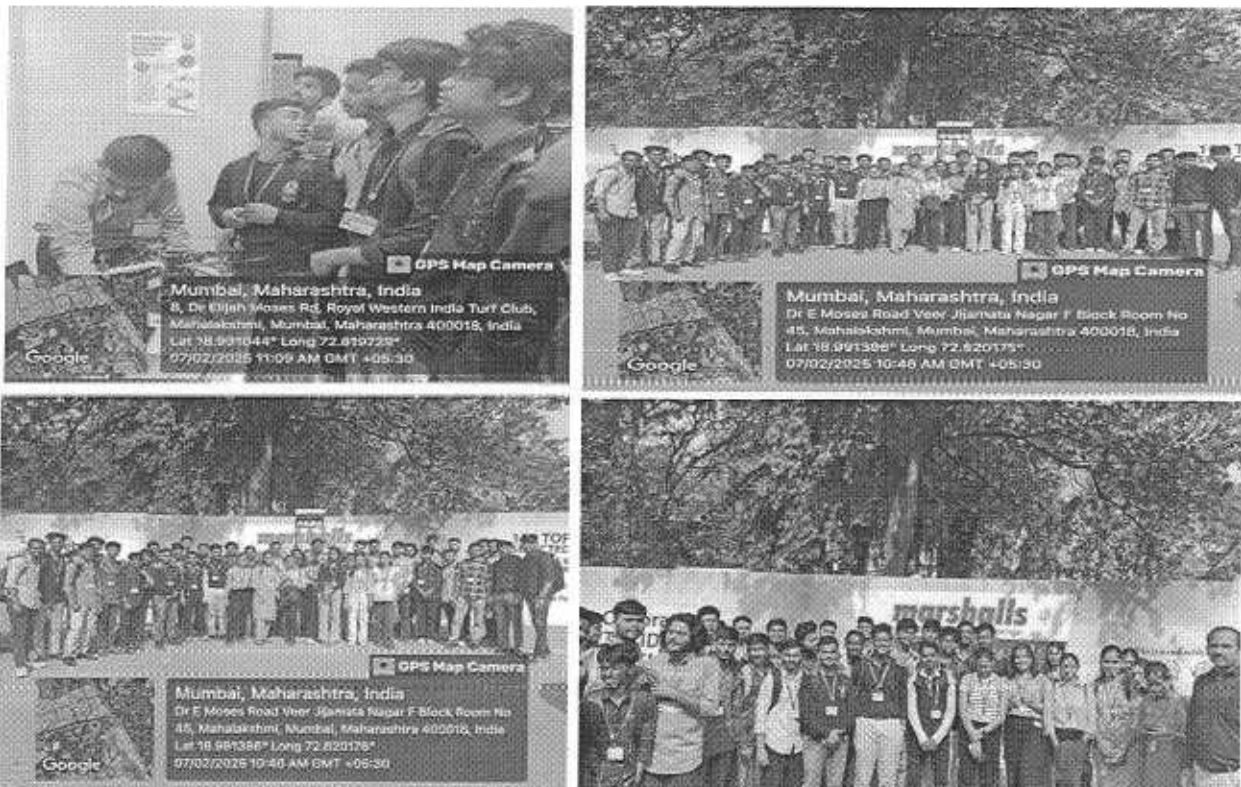
The visit concluded with a Q&A session. Students had the opportunity to ask further questions and clarify any doubts regarding the projects or technologies they had seen. The session was interactive and informative, with discussions about emerging trends in technology, industry applications, and career opportunities in engineering fields.

**Outcomes of the industrial visit at Worli:**



- **Increase Student Participation:** In future visits, it would be beneficial to have more interactive activities or group tasks that encourage greater student participation. This could include workshops or mini-projects related to the technologies displayed at the exhibition.
- **Follow-Up Sessions:** Organizing follow-up sessions after the visit could help reinforce the knowledge gained during the event.
- **Diverse Exhibits:** To provide a more comprehensive learning experience, future exhibitions could feature a wider range of technologies and projects from fields like Artificial Intelligence, IoT (Internet of Things), and renewable energy. This would give students exposure to a broader spectrum of emerging technologies.
- **Guided Tours:** Organizing guided tours with experts for smaller groups of students could provide a more personalized and in-depth understanding of the projects. This would also allow students to ask specific questions and engage more meaningfully with the exhibitors.
- **Collaborative Projects:** Encouraging students to collaborate on projects inspired by the exhibits could promote teamwork and innovation.

**Event Photos:**



*Aneer*



*Dr. Pandharinath Ghonge*

Dr. Pandharinath Ghonge

Faculty Co-Ordinator

HOD of ECS/ EXTC



# ST. JOHN COLLEGE OF ENGINEERING & MANAGEMENT

Autonomous Institute  
(A Christian Religious Minority Institute)  
Approved by AICTE, Recognized by DTE and Affiliated to the University of Mumbai, MSBTE  
NAAC 'A+' Grade | NBA Accredited



Department of Electronics & Computer Science And Electronics & Telecommunication



## EXPERT TALK

# Semiconductors : The Heart of Technology and Career Pathways



**Mr. Shaun Linus Tauro**

Senior Process Engineer  
Global Foundries, Malta, NY

shaunlinustauro

Date : 28th January 2025

Time : 11:30 am

Venue : MMS Hall



SPACE SJCEM space\_sjcem





St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201




NAAC Accredited with Grade 'A+', Three Programs NBA Accredited


## NOTICE


Date- 24<sup>th</sup> Jan,2025


We are pleased to inform you that our department is organizing an **Expert Talk Session** on the topic:  
**“Career Pathways in Semiconductor Technology”**

 **Speaker:** Mr. Shaun Tauro  
**Senior Process Engineer, Global Foundries, Malta, NY**

This session will provide valuable insights into the semiconductor industry, its career opportunities, and the skills required to excel in this growing field. Don't miss this opportunity to learn from an experienced industry professional.

 **Date:** 28/01/2025

 **Time:** 11:00 AM

 **Venue:** MMS Hall

**Organized by:** SPACE – Student Association

**All students are invited to attend!**



**Dr. P. A Ghonge**  
**HoD**



## ST. JOHN COLLEGE OF ENGINEERING & MANAGEMENT

Autonomous Institute  
(A Christian Religious Minority Institute)

Approved by AICTE, Recognized by DTE and Affiliated to the University of Mumbai, 1983.  
MAAC 'A' Grade / NBA Accredited

Department of Electronics & Computer Science And Electronics & Telecommunication



### Expert Talk Session: Career Pathways in Semiconductor Technology Report

**Date:** 28<sup>th</sup> January, 2025

**Target Audience:** TE ECS, TE EXTC & BE EXTC

**Total Students:** 110

**Event Conduction Duration:** 11:30 Am to 12:45 Pm

**Event Venue:** MMS Hall

**Event Organizer:** Ms. Aishwarya Churi and Mrs. Hiral Patel

**Department:** Electronics and Computer Science & Electronics and Telecommunication Engineering

#### **Description of the Event:**

A guest lecture by Mr. Shaun Linus Tauro provided valuable insights into the semiconductor industry, covering its fundamentals, manufacturing process, key industry players, and career opportunities. He explained semiconductor properties, fabrication (fabs), wafer production, and the structured process of designing, manufacturing, testing, and packaging.

The session highlighted major industry segments, including chip IP cores (ARM), fabless companies (NVIDIA, Qualcomm), chip foundries (TSMC), and integrated device manufacturers (Intel, Micron). India's semiconductor growth, Tata, Micron, Kaynes, and the Indian Semiconductor Mission (ISM) were also discussed.

Mr. Tauro outlined career paths such as design engineers, semiconductor process engineers, test engineers, and software engineers, emphasizing the importance of soft skills, technical proficiency (Python, SQL, automation), internships, and continuous learning.

The session concluded on a high note with a vote of thanks delivered by Dr. Pandharinath Ghonge, Head of the Department, who appreciated the efforts of both organizers and participants. He highlighted the importance of such expert interactions in bridging the gap between academia and industry, encouraging students to actively pursue careers in the semiconductor sector.

#### **Outcome of the Event:**

- Enhanced understanding of semiconductors and industry trend.
- Awareness of career opportunities and India's growing semiconductor sector.
- Practical tips on skill development, internships, and higher education.
- Interactive Q&A session for personalized career guidance.



**Event Photos:**



Ms. Aishwarya Churi  
Mrs. Hiral Patel

**Faculty Co-Ordinator**



Dr. Pandharinath Ghonge

**HOD of ECS & EXTC**



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## NOTICE

Date- 3<sup>rd</sup> Oct,2024

We are thrilled to announce **संप्रेषित-1.0** – a **Technical Paper Presentation** event that highlights the **innovative mini-projects** of our **3rd and 4th-year students!** 🎓💡

📅 **Date:** 9th October 2024

📍 **Venue:** EXTC/ECS Department

👥 **Organized by:** SPACE – Student Association

This event provides a dynamic platform for students to showcase their creativity and technical skills through **poster presentations**. It's a great opportunity to explore cutting-edge ideas and interact with emerging tech talents!

Event Highlights:

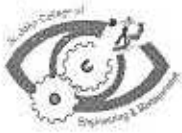
- 🌟 Engaging poster presentations
- 🌟 Interaction with industry experts
- 🌟 Awards for the best projects 🏆

Come and be inspired by the next generation of innovators!

👥 **All students and faculty are cordially invited.**



  
**Dr. P. A Ghonge**  
HoD



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

AF 6

## REPORT on SAMPRESHIT 1.0

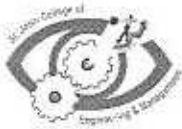
### Details of Activity:

Name of the Activity	SAMPRESHIT 1.0 2024		
Date & Time	09.10.2024	Department / Committee	ECS/SPACE
Venue	Analog Lab, Industry 4.0 Lab and Embedded Lab	No. of Participants	21 Groups
Nature of Activity	PRESENTATION	Mode of Activity	Offline
Name of Activity In-charge	MS. AISHWARYA CHURI	Name of Activity Coordinator	MEENAL KATE & HIRAL PATEL
Name and Affiliation of Resource person	Mr. Vivian Lobo, Mrs. July Tarade, Parul Jha and Oniza Shaikh		

### Activity Information:

Objectives	<p>The objective of <b>Sampreshit</b>, a poster presentation competition on projects, is typically to provide a platform for students, researchers, and professionals to showcase their innovative ideas, research findings, or technical projects in a concise and visually appealing manner. The competition aims to:</p> <ol style="list-style-type: none"> <li>1. <b>Encourage Innovation</b> – Promote creative and original project ideas across various disciplines.</li> <li>2. <b>Enhance Communication Skills</b> – Help participants present complex concepts in a simple, engaging, and structured way.</li> <li>3. <b>Foster Knowledge Sharing</b> – Provide an opportunity for participants to exchange ideas and receive constructive feedback.</li> <li>4. <b>Develop Presentation Skills</b> – Improve the ability to convey technical and research work effectively through visual storytelling.</li> <li>5. <b>Promote Networking</b> – Connect participants with industry experts, academicians, and fellow researchers.</li> <li>6. <b>Recognize Excellence</b> – Reward outstanding projects based on innovation, presentation clarity, and impact.</li> </ol>
Target Audience	All B.Tech ECS and EXTC students





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## Methodology

The **methodology of Sampreshit**, a poster presentation competition on projects, generally follows a structured approach to ensure fair evaluation and effective knowledge exchange. The process can be broken down into the following steps:

### 1. Announcement & Registration

- Organizers release an official **call for participation** with details such as themes, guidelines, deadlines, and judging criteria.

### 2. Poster Preparation

- Participants create a **poster** summarizing their project, including:
  - **Title & Author(s)**
  - **Introduction & Objective**

### 3. Poster Presentation

- Shortlisted participants **display their posters** at the competition venue or an online platform.
- Participants explain their project to a panel of **judges and audience**, typically within a time limit (e.g., 5–10 minutes).
- Judges may ask questions to assess depth of knowledge, clarity, and innovation.

### 4. Evaluation & Judging

- Projects are **evaluated based on criteria** such as:
  - Innovation & originality
  - Clarity & organization of content
  - Visual appeal & effectiveness of the poster
  - Presentation skills & ability to answer questions
  - Relevance & real-world impact
- Each criterion may carry a specific weight in the final scoring.

### 5. Awards & Recognition

- Judges announce **winners** based on scores.
- Prizes, certificates, or special recognitions may be awarded.
- Outstanding projects might get opportunities for publication, funding, or further development.

### 6. Knowledge Sharing & Networking

- Participants, judges, and attendees engage in discussions and networking.
- Some events may include keynote talks or panel discussions on relevant topics.





## Outcomes

The **outcome of Sampreshit**, a poster presentation competition on projects, includes multiple benefits and results for participants, organizers, and the academic or professional community. Here are the key outcomes:

### 1. Knowledge Sharing & Learning

- Participants gain **insights and feedback** from judges, experts, and peers.
- Exposure to **new ideas, technologies, and research trends** in different fields.

### 2. Skill Development

- **Presentation skills** improve as participants learn to communicate complex ideas concisely.
- **Critical thinking** is enhanced through answering questions and defending project work.
- **Graphic and design skills** are honed while creating effective posters.

### 3. Recognition & Awards

- Winners receive **certificates, prizes, or scholarships** based on their performance.
- Exceptional projects may get opportunities for **publication, funding, or collaboration**.

### 4. Networking & Career Opportunities

- Participants **connect with industry experts, researchers, and academicians**.
- Possibility of **internships, job offers, or research collaborations**.

### 5. Innovation & Real-World Impact

- Some projects may lead to **real-world applications** or further research.
- Encouragement for students to **develop prototypes, startups, or patents**.

### 6. Institutional & Community Growth

- Educational institutions gain **reputation** by showcasing student talent.
- Companies and sponsors may discover **potential innovations** to support.





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201

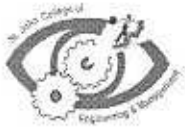


NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## SWOT Analysis of the Event:

Strength	Weakness	Opportunity	Threats
<p><b>1. Strengths (Internal Positive Factors)</b></p> <ul style="list-style-type: none"> <li>✓ <b>Encourages Innovation</b> – Provides a platform for students and researchers to showcase their creative ideas and projects.</li> <li>✓ <b>Enhances Communication Skills</b> – Helps participants develop concise and impactful presentation skills.</li> <li>✓ <b>Engaging &amp; Visual Learning</b> – Posters make complex research easier to understand and visually appealing.</li> <li>✓ <b>Networking Opportunities</b> – Facilitates interactions with industry experts, academicians, and peers.</li> <li>✓ <b>Recognition &amp; Career Growth</b> – Winning participants gain certificates, prizes, and potential career or research opportunities.</li> <li>✓ <b>Efficient Knowledge Sharing</b> – Enables the dissemination of research and project ideas in a structured way.</li> </ul>	<p><b>2. Weaknesses (Internal Negative Factors)</b></p> <ul style="list-style-type: none"> <li>△□ <b>Limited Depth of Explanation</b> – Posters might not allow for in-depth discussion compared to full research papers.</li> <li>△□ <b>Design Constraints</b> – Participants need strong design skills to create visually appealing posters, which can be a challenge.</li> <li>△□ <b>Subjective Judging</b> – Evaluation criteria might vary among judges, leading to potential bias.</li> <li>△□ <b>Participation Barriers</b> – Some students or researchers might struggle with public speaking or confidence in presenting their work.</li> <li>△□ <b>Resource-Intensive</b> – Requires printing, digital formatting, and logistical support, which can be costly for organizers.</li> </ul>	<p><b>3. Opportunities (External Positive Factors)</b></p> <ul style="list-style-type: none"> <li>✂ <b>Industry &amp; Academia Collaboration</b> – Can attract sponsorships and industry partnerships for funding or internships.</li> <li>✂ <b>Expansion to Virtual Platforms</b> – Online poster competitions can reach a global audience and reduce costs.</li> <li>✂ <b>Interdisciplinary Exposure</b> – Encourages cross-domain collaboration and exchange of ideas.</li> <li>✂ <b>Further Research &amp; Development</b> – Some projects may evolve into startups, patents, or funded research.</li> <li>✂ <b>Increased Participation</b> – Engaging schools, colleges, and professional organizations can enhance the competition's reach.</li> </ul>	<p><b>4. Threats (External Negative Factors)</b></p> <ul style="list-style-type: none"> <li>✂ <b>Low Audience Engagement</b> – If the format is not interactive, it may fail to engage attendees and participants.</li> <li>✂ <b>Technical Challenges</b> – Online events may face connectivity issues, while physical events may have logistical challenges.</li> <li>✂ <b>Lack of Funding</b> – Without proper sponsorships or institutional support, it may be difficult to sustain the event.</li> <li>✂ <b>Competition from Similar Events</b> – Other conferences, hackathons, or research fairs may attract more participation.</li> <li>✂ <b>Plagiarism &amp; Idea Theft</b> – Risk of participants copying others' work or losing ownership of their ideas.</li> </ul>





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

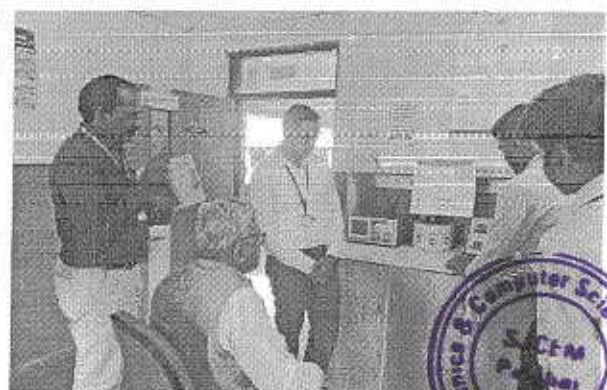
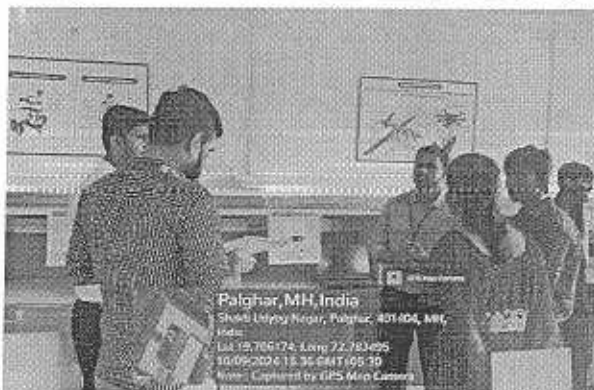
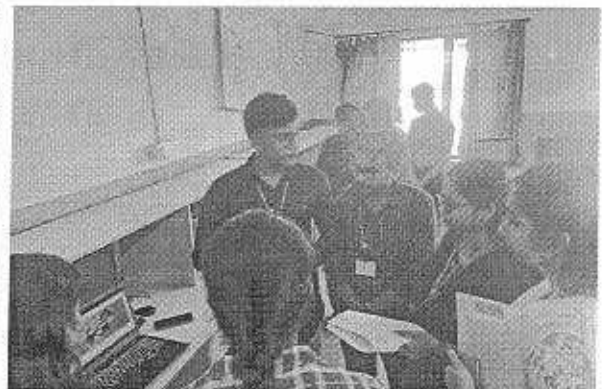
Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

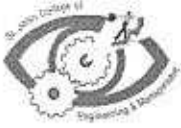
DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## Geo-Tagged Photo





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## Proofs & Documents Attached (Tick mark the proofs attached) :

<input type="checkbox"/>	Notice / Brochure	<input type="checkbox"/>	Feedback Form
<input type="checkbox"/>	Attendance list	<input type="checkbox"/>	Feedback Analysis
<input type="checkbox"/>	Photos	<input type="checkbox"/>	Media News Details
<input type="checkbox"/>	Certificate	<input type="checkbox"/>	Any Other

Prepared By	Checked By
Name & Dated Signature of Coordinator	Name & Dated Signature of Committee In- charge
 Mrs. Meenal kate Assistant professor ECS Department	 Mrs. Hiral patel & Ms. Aishwarya Churi Assistant professor ECS Department

Date of Activity: 09.10.2024

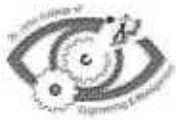
Date of Report Submission:

Reason for delay if any:



Approved By  
HOD Signature

Date:



**St. John College of Engineering and Management**

**Autonomous Institute**

**(A Christian Religious Minority Institution)**

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## NOTICE

**Date- 27<sup>th</sup> Sep,2024**

Our department is organizing a **Visit to Anand Vridhashram (Old Age Home)** located at **Shirgaon, Palghar (W)** on the occasion of **International Day of Older Persons**.

**Date:** 1st October 2024

**Time:** 10:00 AM

**Venue:** Anand Vridhashram, Shirgaon, Palghar (W)

**Organized by:** SPACE -Student Association

This visit aims to spread joy, love, and respect among the elderly residents and create meaningful interactions with them. It's a wonderful opportunity for students to contribute to society and show compassion.

Interested students are encouraged to participate and make this initiative a heartfelt success.



  
**Dr. P. A Ghonge**  
**HoD**



## OLD AGE HOME VISIT REPORT

**Date:** 1<sup>st</sup> October 2024

**Target Audience:** SE ECS, TE SPACE Committee Members

**Total Students:** 45

**Event Conduction Duration:** 9.45am to 1:00pm

**Venue:** Anand Vriddhashram, Palghar(W)

**Event Organizer:** Prof. Shilpa Katre & Prof. Aishwarya Churi

**Department:** Electronics and Computer Science

### **Description of the Event:**

As part of the curriculum for the Universal Human Values (UHV) subject, all Second Year (SE) students participated in a visit to an old age home. In addition to SE students, a few Third Year (TE) students from the SPACE Committee also joined the visit. The event aimed to foster intergenerational interaction, promoting empathy, understanding, and respect for the elderly.

Upon arrival, the students were warmly welcomed by Mrs. Manisha, who manages the old age home. The elderly residents, who had been eagerly waiting, greeted the students with great joy and anticipation. The atmosphere was lively, with both students and the elderly looking forward to meaningful exchanges.

The students, filled with enthusiasm, took the initiative to interact with each resident. As part of the entertainment, several students showcased their singing talents, filling the room with music and bringing smiles to everyone present. In a reciprocal gesture, the elderly residents were encouraged to display their own talents, and many of them participated, sharing stories, songs, and even humorous anecdotes.

The highlight of the visit was when the elderly shared their life experiences with the students. These stories offered valuable insights into past decades and allowed the students to learn about the wisdom and resilience of the older generation. The students made a conscious effort to engage with each resident, ensuring that no one was left out, which fostered a warm and inclusive environment.

### **Event Outcomes:**

- Enhanced Empathy and Respect:** The visit allowed students to better understand the challenges and joys of aging, encouraging them to develop a greater sense of empathy and respect for the elderly.
- Improved Interpersonal Skills:** Through direct interaction, students improved their communication and interpersonal skills, learning how to converse with and listen to people of a different age group.
- Cultural Exchange:** The elderly residents shared stories of their life journeys, providing students with cultural and historical knowledge, which contributed to a broader perspective on life.
- Fostering Community Connection:** The visit strengthened the bond between the local community and the younger generation, encouraging more meaningful engagements in the future.





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

5. Personal Satisfaction: Both the students and elderly left the event feeling fulfilled. The elderly residents appreciated the company and attention, while the students found joy in bringing smiles to their faces.

Overall, the visit was a successful and enriching experience for everyone involved, promoting values of compassion, connection, and shared learning.



*Shilpa*

Prof. Shilpa Katre / Prof Aishwarya Churi  
UHV In-charge / SPACE Co-Ordinator

*Aishwarya*



*Pandharinath*

Dr Pandharinath Ghonge  
HOD of ECS EXTC



## ENGINEERS' DAY CELEBRATION REPORT

**Date:** 17<sup>th</sup> September 2024

**Target Audience:** All Students of SJCEM

**Event Conduction Duration:** 11.15am to 1:30pm

**Session Venue:** SE classroom, SJCEM

**Event Organizer:** SPACE committee

**Department:** Electronics and Computer Science & Electronics and Telecommunication Engineering

### **Description of the Event:**

The SPACE Committee successfully organized an engaging Engineers' Day celebration at SJCEM, which included a series of competitive rounds leading to a thrilling treasure hunt.

### **Event Overview**

#### **1. Aptitude Test:**

- The celebration kicked off with an aptitude test that saw participation from numerous teams. A total of **36 teams qualified** for the next round based on their performance.

#### **2. Resistor Color Code Challenge:**

- In the second round, participants used applications to identify resistor color codes through electrical calculations. This round narrowed the competition down, with **22 teams qualifying** for the subsequent challenge.

#### **3. DSA Challenge:**

- The third round involved solving Data Structures and Algorithms (DSA) questions. After intense competition, only **6 teams successfully qualified** for the final round.

#### **4. Treasure Hunt:**

- The event culminated in an exciting treasure hunt, where participants showcased their problem-solving and teamwork skills. After a thrilling search, **3 teams emerged victorious**.

### **Prizes and Recognition**

Dr. Pandharinath Ghonge(HOD) presented the winners with prizes and certificates, acknowledging their hard work and success throughout the event. This recognition not only celebrated their achievements but also encouraged a spirit of healthy competition and collaboration among students.





Outcomes

- **Teamwork and Collaboration:** The event fostered camaraderie among participants as they worked together in teams.
- **Skill Enhancement:** Students had the opportunity to apply their engineering knowledge in practical scenarios, enhancing their problem-solving abilities.

**Engagement and Enthusiasm:** The treasure hunt generated excitement and engagement, making the celebration memorable for all participants.

Overall, the Engineers' Day celebration was a resounding success, highlighting the skills and talents of our engineering students while promoting a spirit of innovation and teamwork within the college community.

Event Photos:



Space Co-Ordinator

*Ahree*



Dr. P. A Ghone  
HoD

*[Signature]*



## ST. JOHN COLLEGE OF ENGINEERING & MANAGEMENT

Autonomous Institute  
(A Christian Religious Minority Institute)  
Approved by AICTE, Recognized by DTE and Affiliated to the University of Mumbai, MSBTE  
NAAC 'A+' Grade | NBA Accredited

Department of Electronics & Computer Science And Electronics & Telecommunication



### TEACHERS' DAY CELEBRATION REPORT

**Date:** 5<sup>th</sup> September 2024

**Target Audience:** SE ECS, TE ECS, TE EXTC & BE EXTC

**Total Students:** 110

**Event Conduction Duration:** 11:00 Am to 12:30 Pm

**Event Venue:** A-207 Classroom, SJCEM

**Event Organizer:** SPACE committee

**Department:** Electronics and Computer Science & Electronics and Telecommunication Engineering

#### **Description of the Event:**

The Teacher's Day celebration was a heartwarming and vibrant occasion, where both teachers and students came together to celebrate the invaluable contributions of educators. The event began with a warm welcome, as teachers were greeted with roses, symbolizing the students' appreciation for their dedication and hard work. A special video was played, capturing the profound impact teachers have had on their students' lives, followed by the distribution of handmade cards filled with heartfelt messages and admiration.

The atmosphere became festive as a cake-cutting ceremony was held, signifying unity and the bond shared between teachers and students. This was followed by a series of engaging activities and games that brought joy and excitement to the event. Teachers participated in guessing games involving electronic components, movie names, and random words, leading to a close competition. In the end, Team A emerged victorious after a tie with Team C. The fun continued with a ball-passing game and light-hearted "punishments" for the teachers, adding laughter and creating lasting memories.

The celebration concluded on a high note with a vote of thanks delivered by the Head of Department, Dr. Pandharinath Ghonge, who praised the efforts of both the organizers and participants. Mrs. Parul Jha also shared her heartfelt appreciation for the warmth and enthusiasm displayed by the students. The event was a perfect blend of gratitude, fun, and reflection, making it an unforgettable day for everyone involved.

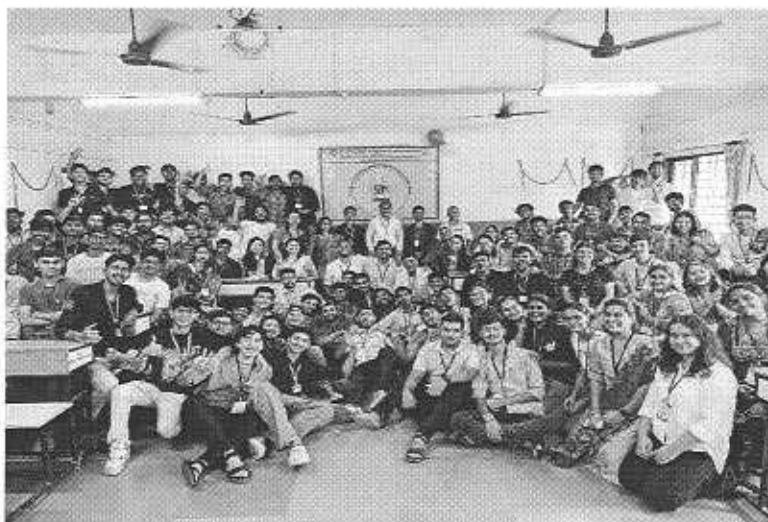
#### **Outcomes of the Teachers' Day Celebration:**

- **Strengthened Teacher-Student Bond:** The activities and expressions of gratitude helped to deepen the relationship between teachers and students, fostering mutual respect and admiration.
- **Enhanced Team Spirit:** The collaborative games and activities encouraged teamwork, communication, and cooperation among both teachers and students, leading to stronger group dynamics.
- **Positive Environment:** The light-hearted games and fun punishments created a joyful atmosphere, boosting morale and bringing a sense of community.



- Recognition of Teachers' Efforts: Through the video presentation, card distribution, and speeches, teachers felt valued and appreciated for their hard work, which boosted their motivation and morale.
- Memorable Experience: The celebration left both students and teachers with lasting memories, making it a day of reflection, joy, and gratitude that everyone will cherish for years to come.

**Event Photos:**



*H Patel*  
*A Churi*  
 Ms. Aishwarya Churi  
 Mrs. Hiral Patel  
 Faculty Co-Ordinator



Dr. Pandharinath Ghonge  
  
 HOD of ECS EXTC



**St. John College of Engineering and Management**

**Autonomous Institute**

**(A Christian Religious Minority Institution)**

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201







NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## **NOTICE**

**Date- 14<sup>th</sup> Sep,2024**

We are excited to announce a celebration of **Engineers' Day**, organized by our department.

-  **Date:** 20th September 2024
-  **Time:** 12:00 pm Onwards
-  **Venue:** 2nd Floor, ECS/ECTS Department
-  **Organized by:** SPACE (Student Association)

Join us for a fun-filled and challenging technical event that will test your skills and creativity. There will be an **exciting prize pool** for the winners!

Come, participate, and celebrate the spirit of engineering with us!

**All students are welcome!**



  
**Dr. P. A Ghonge**  
**HoD**



**ST. JOHN COLLEGE OF ENGINEERING & MANAGEMENT**

Autonomous Institute  
(A Christian Religious Minority Institute)

Approved by AICTE, Recognised by DTE and Affiliated to the University of Mumbai, MSBTE  
NAAC 3A+ Grade | NBA Accredited



Department of Electronics & Computer Science And Electronics & Telecommunication

✓  
✓  
✓  
✓  
**EXPERT TALK**  
**Emerging Trends in**  
**IIOT and Industry 4.0**



**Mr. Chirag Raul**  
Founder of Coding Club Lab

Date : 3 September 2024

Time : 12.15 pm

Venue : Auditorium Hall



SPACE SJCEM @space\_sjcem





**St. John College of Engineering and Management**

**Autonomous Institute**

**(A Christian Religious Minority Institution)**

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 5218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## **NOTICE**

**Date : 30<sup>th</sup> Aug, 2024**

We are delighted to announce that our department is organizing an **Expert Talk** on the topic:  
**“Emerging Trends in IoT and Industry 4.0”**

The session will be delivered by **Mr. Chirag Raul,**

**Founder of Coding Genius Lab,**

who will share valuable insights into the latest advancements in IoT and Industry 4.0 technologies.

**Date:** 3<sup>rd</sup> Sep, 2024

**Time:** 11:00 am

**Venue:** Main Auditorium, 3<sup>rd</sup> Floor.

**Organized by:** SPACE (Student Association)

This event is being organized under the banner of **SPACE** our departmental student association.

All students are encouraged to attend this informative session and make the most of the opportunity to interact with an industry expert.



  
**Dr. P. A Ghonge**  
HoD



## ST. JOHN COLLEGE OF ENGINEERING & MANAGEMENT

Autonomous Institute  
(A Christian Religious Minority Institute)  
Approved by AICTE, Recognised by DTE and Affiliated to the University of Mumbai, MSRTS  
NAAC 'A+' Grade (NSA Accredited)

Department of Electronics & Computer Science And Electronics & Telecommunication



### Expert talk on Emerging Trends in IIOT and Industry 4.0

**Date:** 3<sup>rd</sup> September 2024

**Target Audience:** SE ECS, TE ECS, TE EXTC & BE EXTC

**Total Students:** 70

**Session Conduction Duration:** 12:15 pm to 1:15 pm

**Session Venue:** Auditorium Hall, 3rd Floor, SJCEM

**Session Organizer:** Mr. Sachin Sase & Mr. Sandip Patil

**Department:** Electronics and Computer Science & Electronics and Telecommunication Engineering

#### **Description of the Session:**

An insightful expert talk session was conducted with Mr. Chirag Raut, a seasoned Full Stack Developer with over 12 years of experience, and a former Assistant Scientist at Bhabha Atomic Research Centre (BARC). The session, inaugurated by the Head of Department, Dr. Pandharinath Ghonge, focused on the evolving landscape of the Industrial Internet of Things (IIOT).

Mr. Raut began by introducing firmware, the foundational software for IIOT devices, and provided a comprehensive overview of IIOT. He discussed its benefits, such as increased efficiency and automation, and its wide-ranging applications, including smart homes and industrial automation. Mr. Raut also addressed the challenges of IIOT, such as security concerns and data privacy, emphasizing the need for innovation and collaboration.

He further explored top IIOT technologies and trends, like AI integration, 5G connectivity, and Edge Computing, and discussed the future of IIOT and its potential to shape industries. Specific technical topics covered included the MQTT protocol, the interconnected IIOT ecosystem, and the significance of Edge Computing in improving system performance.

#### **Session Outcomes:**



- **Enhanced Knowledge:** Participants gained a solid understanding of IIOT and its various components, equipping them with the knowledge to explore and engage with this rapidly evolving field.
- **Career Guidance:** The talk provided valuable insights into career opportunities in IIOT, encouraging students to consider this dynamic field and prepare themselves with the necessary skills.
- **Technical Proficiency:** Attendees deepened their technical knowledge, particularly in areas like firmware, MQTT, and Edge Computing, which are crucial for IIOT development.



- **Future Preparedness:** The discussion on future IIOT trends helped participants anticipate industry developments and the potential impact on their future careers.
- **Problem-Solving Skills:** Through an understanding of the challenges in IIOT, such as security and data privacy, participants enhanced their problem-solving abilities by learning how to address these issues.

**Event Photos:**



  
  
 Mr Sachin Sase  
 Mr Sandip Patil  
  
 Faculty Co-Ordinator



  
 Dr. Pandharinath Ghonge  
  
  
 HOD of ECS EXTC



**St. John College of Engineering and Management**

**Autonomous Institute**

**(A Christian Religious Minority Institution)**

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## **NOTICE**

**Date : 9<sup>th</sup> Aug, 2024**

We are excited to announce the **Inauguration of our Departmental Student Association**, which will be held on **13th August at 10:30 AM** in the **MMS Hall**.

All students and faculty members are cordially invited to join us for this special occasion. The event will include an introduction to the association, inspiring talks, and fun interactive sessions.

Let's come together to celebrate this new beginning and make it a grand success!

**Date:** 13th August

**Time:** 10:30 AM

**Venue:** MMS Hall

**All are welcome!**



  
**Dr. P.A Ghonge**  
**(HOD)**



St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## REPORT SPACE INAUGURATION



**Date:** 13<sup>th</sup> August, 2024

**Target Audience:** SE ECS, TE ECS, TE EXTC & BE EXTC

**Total Students:** 150

**Event Conduction Duration:** 12:30 pm to 1:30 pm

**Event Venue:** MMS Hall

**Event Organizer:** Ms. Aishwarya Churi and Mrs. Hiral Patel

**Department:** Electronics and Computer Science & Electronics and Telecommunication Engineering

### **Description of the Event:**

The inauguration ceremony for the SPACE (Society of Programming and Circuit Engineering) Association at St. John College of Engineering & Management was meticulously crafted to introduce and celebrate the launch of this new initiative. The event commenced with welcoming remarks and the college anthem, followed by the ceremonial lighting of the lamp, symbolizing the illumination of knowledge. The event's core highlight was the unveiling of the association's name, "SPACE," which represents the union of innovation and inspiration within the realms of electronics, telecommunication, and computer science. The association aims to foster interdisciplinary collaboration, providing a platform for students to engage in technical workshops, guest lectures, hands-on projects, and competitions. It also seeks to build a robust network connecting students with alumni, professionals, and peers. Esteemed faculty members, including the Principal Dr. Kamal Shah, Head of Department Dr. Pandharinath Ghonge, and Deputy Head of Department Prof. Vishaka Rane were honoured and invited to address the audience, sharing their insights and expressing support for the association. During the event, the principal emphasized the importance of collective growth within the association, urging members to work together to build and strengthen SPACE. She encouraged the members not to limit their activities to just discussions, but to focus on organizing workshops and hands-on learning sessions that would impart practical skills and knowledge. This focus on action and learning is intended to ensure that SPACE becomes a hub of continuous improvement and innovation. The ceremony concluded with the distribution of appointment letters and association ID cards to the members, symbolizing their official induction into SPACE.



### Outcome of the Event:

- **Enhanced Technical Skills:** Through workshops, lectures, and hands-on projects, members are expected to sharpen their technical abilities.
- **Strengthened Interdisciplinary Collaboration:** By bringing together students from electronics, telecommunication, and computer science, the association will encourage creative problem-solving and innovation.
- **Leadership and Teamwork Development:** Participating in and organizing various activities will help members develop strong leadership and teamwork skills.
- **Networking Opportunities:** The association will provide a platform for students to connect with industry professionals, alumni, and peers, aiding in their academic and professional growth.
- **A Thriving Community:** SPACE aims to create a vibrant community where members are motivated to achieve their full potential through shared knowledge and collaborative efforts.

#### 1. Student Association Committee A.Y2024-25:

<b>Core Committee</b>		
<b>Post</b>	<b>Student Name</b>	<b>Class</b>
President	Siddhesh Keni	BE-EXTC
Vice-President	Yashashree Panhale	TE-ECS
Secretary	Tanay Chaudhari	BE-EXTC
Joint-Secretary	Krish Tiwari	SE-ECS
Treasurer	Chetan Nagargoje	TE-ECS
<b>Tech &amp; PR Committee</b>		
<b>Post</b>	<b>Student Name</b>	<b>Class</b>
Head	Ankit Dubey	TE-EXTC
Member	Omkar Poojary	TE-ECS
Member	Khushi Gupta	TE-ECS
Member	Aditi Singh	TE-ECS
Member	Gaurav Sutar	SE-ECS
Member	Ansari Halimahmad	SE-ECS
<b>Media Committee</b>		
<b>Post</b>	<b>Student Name</b>	<b>Class</b>
Head	Labhesh Dhanmeher	TE-ECS
Member	Kaustubh Vanmali	TE-EXTC
Member	Sudhanshu Kaneri	TE-EXTC
Member	Kaustubh Ghude	TE-EXTC
Member	Sarvesh Ambhire	TE-EXTC
Member	Maviya Khot	SE-ECS
Member	Khushboo Thakur	SE-ECS



<b>Documentation Committee</b>		
<b>Post</b>	<b>Student Name</b>	<b>Class</b>
Head	Sanjeev Pathak	TE-ECS
Member	Suman Lenka	TE-ECS
Member	Rishi Jadhav	SE-ECS
Member	Mariyam Bag	SE-ECS
Member	Selina Pachalkar	SE-ECS
Member	Nilesh Goswami	SE-ECS
<b>Event Coordinator Committee</b>		
<b>Post</b>	<b>Student Name</b>	<b>Class</b>
Head	Prakash Mahara	TE-ECS
Member	Yashneil Davane	TE-ECS
Member	Vedanti Dahiwalale	SE-EXTC
Member	Tushar Khodbe	TE-ECS
Member	Deep Kale	TE-ECS
Member	Vikrant Shinde	SE-ECS
<b>Cultural Committee</b>		
<b>Post</b>	<b>Student Name</b>	<b>Class</b>
Head	Srushti Mangela	TE-ECS
Member	Dhanashree Bhoir	TE-ECS
Member	Manasvi Vade	TE-ECS
Member	S. Madhav	SE-ECS
Member	Pari Patil	SE-ECS
Member	Dhruv Gupta	SE-ECS
<b>Sports Committee</b>		
<b>Post</b>	<b>Student Name</b>	<b>Class</b>
Head	Chirag Gharat	BE-EXTC
Member	Dhruvika Patil	TE-ECS
Member	Shreepad Purohit	TE-EXTC
Member	Bisma Shaikh	TE-EXTC
Member	Yash Upadhyay	SE-ECS
Member	Shreyash Gharat	SE-ECS

**Event Photos:**





Ms Aishwarya Churi  
Mrs. Hiral Patel

*A Churi*  
*H Patel*

**Faculty Co-Ordinator**

*[Signature]*  
Dr. Pandharinath Ghonge

**HOD of ECS & EXTC**





**St. John College of Engineering and Management**

**Autonomous Institute**

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## NOTICE

**Date : 30<sup>th</sup> July, 2024**

We are delighted to announce that our department is organizing an **Alumni Talk** will be conducted by our esteemed alumni **Mr. Prachit Save & Ms. Siddhi Jadhav** who have successfully secured positions in reputed companies. The session aims to provide valuable insights into campus placements, interview preparation, and career guidance. **Date: 2<sup>nd</sup> Aug, 2024**

**Time: 12:15 pm**

**Venue: A-206**

**Organized by: SPACE (Student Association)**



  
**Dr. P. A Ghonge**  
**HoD**



## ST. JOHN COLLEGE OF ENGINEERING & MANAGEMENT

Autonomous Institute  
(A Christian Religious Minority Institute)

Approved by AICTE, Recognized by DTE and Affiliated to the University of Mumbai, MGDTE  
NAAC 'A+' Grade | NBA Accredited

Department of Electronics & Computer Science And Electronics & Telecommunication



### Expert Talk on Placements Report

**Date:** 2<sup>nd</sup> August, 2024

**Target Audience:** TE ECS, TE EXTC & BE EXTC

**Total Students:** 70

**Event Conduction Duration:** 12:15 Pm to 1:15 Pm

**Event Venue:** A-206 Classroom

**Event Organizer:** Ms. Aishwarya Churi and Mrs. Hiral Patel

**Department:** Electronics and Computer Science & Electronics and Telecommunication Engineering

#### **Description of the Event:**

A valuable peer-to-peer expert talk was conducted where two alumni, Mr. Prachit Save and Ms. Siddhi Jadhav, shared their knowledge and experiences with current students. The session was centered around preparing students for internships and future career opportunities. Both speakers emphasized the importance of internships in building professional skills and gaining real-world experience, offering practical tips on how to secure internships and make the most of them.

The session also provided insights into job interview preparation, focusing on key strategies to excel in interviews and stand out to potential employers. Students were given guidance on how to effectively prepare for aptitude tests, which are often a crucial component of job recruitment processes. Moreover, Mr. Prachit Save and Ms. Siddhi Jadhav shared advice on selecting a career domain, explaining how to assess personal interests and industry trends when deciding which field to pursue.

The session concluded with a Q&A segment, allowing students to clarify doubts and ask personalized questions regarding internships, interviews, and career planning. This interactive dialogue helped students gain clarity on various challenges they may face while navigating their career paths.

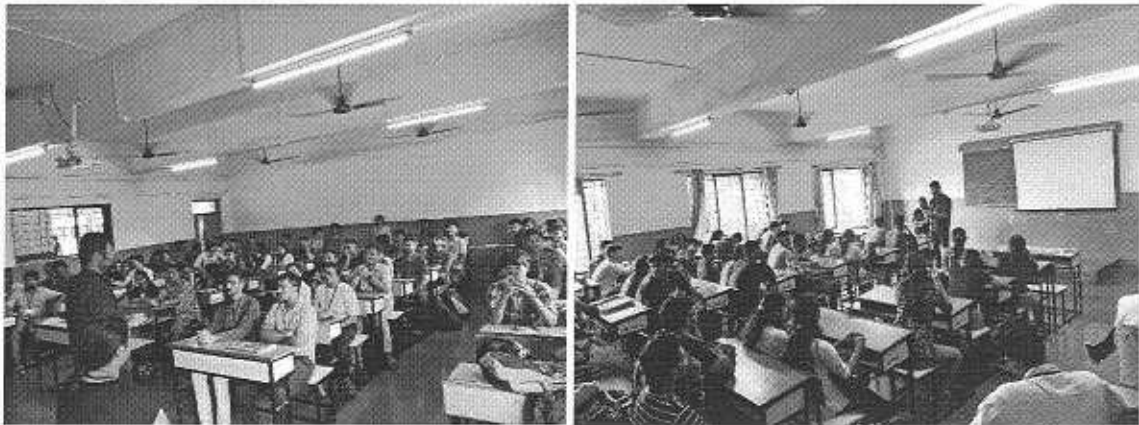
#### **Outcome of the Event:**

- Increased awareness of the importance of internships and how to secure them.
- Practical strategies for effective job interview preparation and excelling in aptitude tests.
- Guidance on choosing a suitable career domain based on interests and industry demands.
- Opportunity for students to engage directly with alumni through an interactive Q&A session.



- Enhanced confidence among students regarding career planning and preparation.

**Event Photos:**



Mrs. Shilpa Katre  
Mrs. Hiral Patel

**Faculty Co-Ordinator**



Dr. Pandharinath Ghonge

**HOD of ECS & EXTC**



**St. John College of Engineering and Management**

**Autonomous Institute**

**(A Christian Religious Minority Institution)**

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 5218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## **NOTICE**

**Date : 12<sup>th</sup> July, 2024**

We are pleased to inform you that our department is organizing an **Industrial Visit** to **MIRC Electronics (Onida), Wada** on **17th July 2024** under the banner of our student association **SPACE**.

This visit will provide students with valuable industry exposure and practical insights into electronic manufacturing and operations. It is a great opportunity to bridge the gap between academic knowledge and industrial practices.

**Date:** 17th July 2024

**Location:** MIRC Electronics (Onida), Wada

**Organized by:** SPACE – Student Association



  
**Dr. P. A Ghonge**  
**HoD**



## REPORT MIRC Electronics Ltd Onida, Wada

### **Overview of the Company :**

The S. M. S. Group established the Indian electronics business Onida business in 1981. It was first well-known for its black-and-white televisions, but it has since broadened its product line to include air conditioners, colour TVs, and household appliances. The company's motto, "Neighbour's envy, Owner's pride," gained a lot of traction and demonstrated its commitment to making fashionable, superior goods. LED TV production began in 1994 at the Wada Company. Here, software testing and quality testing are carried out. It produces LED, LCD, and CRT televisions. The Vasai Plant existed before then. Andheri is home to the design centre. The Washing machine factory is located in Uttarakhand. The Wada plant is dispersed over 55 acers.

**Theme :** Industry Exposure

**Date :** 17th July, 2024

**Target Audience :** TE ECS, TE EXTC & SE ECS Students

**Total Students :** 70

**Event Conduction Duration :** 08:00 am to 05:00 pm

**Event Venue :** MIRC Electronics Ltd. Onida, Kudus Wada, Maharashtra 421312

**Event Organiser :** Prof. Shilpa Katre and Prof. Aishwarya Churi

**Department :** Electronics and Computer Science & Electronics and Telecommunication Engineering

### **Description of the Industrial Visit :**

An industrial visit was done by our Department of Electronics and Computer Science & Electronics and Telecommunication Department to MIRC Electronics Ltd. Onida. Upon arrival at the company, all were led to the conference room, where Mr. Gokhale welcomed us and gave us a brief overview of the company's establishment in India.

Numerous units were present. Mr. Jatin Panchal provided us with guidance on the several TV assembly process units. First, we saw the Bound Stock Region, or BSR. Next was the dimly lit room, the dark room where the dust was found. Then testing is completed for internet connectivity and wiring. The transport's falling test is then completed. The TV is put through various temperature tests, including a shock test, a cold test, a salt test, and a dry heat chamber at 55 degrees. The walk-in chambers are at 10 degrees. A batch of 100 TV's is inspected in the IOT room. After that, the thermocol is made there. Polyester material that has been heated to expand is used to make castings. There are speaker moulds made. Mr. Mangesh Wagunde is the department's head.

### **Outcome of the Visit :**

- Gained insight into the sequential TV assembly process, from component integration to product integration.





- Learnt about quality control methods, testing protocols, and quality testing techniques used to guarantee product dependability.
- Learnt about the advanced technology and automated systems used in TV production.
- Recognised the process of designing, prototyping, and developing new TV models according to market trends and consumer input.

**Event Photos :**



*Shilpa* *Ashwari*

Prof. Shilpa Katre and  
Prof. Aishwarya Churi  
Faculty Co-ordinator

Dr. Pandharinath Ghonge  
HOD of ECS & EXTC Department





Department of Electronics and Computer Science Engineering (ECS)  
& Electronics and Telecommunication Engineering (EXTC)

## A Report

on

## “Exploring the Future: A Comprehensive Session on Drone Technology and its Applications”

**Date:** 10<sup>th</sup> July, 2024

**Time:** 12:15 PM to 1:15 PM

**Venue:** SJCEM Auditorium Hall

**Visit Organizer:** ECS & EXTC Department and SPACE

**Targeted students:** SE & TE ECS and TE & BE EXTC

**Total Participants:** 177

### Description:

Department of Electronics & Computer Science and Electronics & Telecommunication conducted an Expert talk session on “Exploring the Future: A Session on Drone Technology and its Applications”. Mr. Gaurav Singh, CEO of WECAN Education Organisation, a distinguished expert in the field of educational technology and innovation were the expert of the day for the session. The expert talk session on drone technology not only provided students with an engaging learning experience but also deepened their understanding of drone operations, navigation systems, and regulatory compliance, all of which will enhance their employability and benefit their future careers in the rapidly evolving field of drone technology. Presentations about the drone components, the various tools used, and the integration of sensors with drone technology were incredibly helpful for students. Students had the opportunity to learn about various types of drones, their classifications, and observe their practical applications. They provided a comprehensive understanding of how drones operate, highlighting the significant role of these components in enhancing drone functionality.

### Learning Outcome:

- Learners will be able to explain the fundamental components and operating principles of drones, including flight mechanics, control systems, and power sources.
- Learners will identify and describe various applications of drone technology across different industries such as agriculture, photography, delivery services, surveillance, and emergency response.
- Learners will understand the regulatory framework governing drone usage, including airspace rules, licensing requirements, and ethical considerations related to privacy and safety.
- Learners will demonstrate the ability to safely operate a drone, perform basic maneuvers, and follow safety protocols to minimize risks during flight operations.
- Learners will be able to discuss current trends and future advancements in drone technology, including innovations in artificial intelligence, automation, and potential impacts on various sectors.





# St. John College of Engineering and Management

**Autonomous Institute**

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



**NAAC Accredited with Grade 'A+', Three Programs NBA Accredited**

## Event Photos:



Mrs. Joslyn Gracias  
Coordinator

Mrs. Shilpa Katre  
Faculty Co-coordinator

Dr. Pandharinath Ghonge Faculty  
HOD of EXTC & ECS





# Participative Learning



## REPORT on Megaleio 2025 Technical Fest

### Details of Activity:

<b>Name of the Activity</b>	MEGALEIO 2025		
<b>Date &amp; Time</b>	7 <sup>th</sup> and 8 <sup>th</sup> March, 2025	<b>Department / Committee</b>	Technical Committee
<b>Venue</b>	SJCEM Building and Small Ground	<b>No. of Participants : Teams: 428 Participants: 1211</b>	<ul style="list-style-type: none"> <li>• Megaleio 2025: 867</li> <li>• MegaHack 5.0: 344</li> </ul>
<b>Nature of Activity</b>	National-Level Intercollegiate Technical Event	<b>Mode of Activity</b>	Offline
<b>Name of Activity In-charge</b>	Mr. Swapnil Malipatil	<b>Name of Activity Coordinator</b>	Mr. Swapnil Malipatil Mrs. Vishaka Rane
<b>Name and Affiliation of Resource person</b>	Various Industry Experts and Faculty Members		

### Activity Information:

<b>Objectives</b>	<ul style="list-style-type: none"> <li>• To provide a platform for students to showcase their technical and innovative skills.</li> <li>• To encourage collaboration and networking among students from various colleges.</li> <li>• To promote knowledge-sharing through competitions, workshops, and hackathons.</li> <li>• To engage students in real-world problem-solving using technology.</li> </ul>
<b>Target Audience</b>	Undergraduate and postgraduate students from different technical and non-technical disciplines across various colleges.
<b>Methodology</b>	<ul style="list-style-type: none"> <li>• Conducted multiple competitions, including: <ul style="list-style-type: none"> <li>○ MegaHack 5.0 (24-hour hackathon)</li> <li>○ Drone Dexterity</li> <li>○ RoboMaze</li> <li>○ Robo Soccer</li> <li>○ Blind C (Coding Challenge)</li> <li>○ Tech Quiz</li> <li>○ Business Plan Presentation</li> <li>○ Code Relay</li> <li>○ Civil Junkyard</li> <li>○ Clash Royale Tournament</li> <li>○ Neon Cricket</li> <li>○ BGMI Tournament</li> <li>○ Power Lifting &amp; Arm Wrestling</li> </ul> </li> <li>• Participants competed individually or in teams, based on the event requirements.</li> <li>• Evaluations were done by expert judges and faculty members.</li> <li>• Winners were awarded cash prizes, certificates, and trophies.</li> </ul>



# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : I-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

<b>Outcomes</b>	<ul style="list-style-type: none"> <li>• Successfully engaged students in technical problem-solving and innovation.</li> <li>• Enhanced collaboration and teamwork among participants.</li> <li>• Encouraged practical application of theoretical knowledge.</li> <li>• Strengthened the institute's reputation as a hub for technical excellence.</li> </ul>
-----------------	---

## SWOT Analysis of the Event:

Strength	Weakness	Opportunity	Threats
<ul style="list-style-type: none"> <li>• National-level participation from various colleges.</li> <li>• Diverse range of technical, gaming, and business-related competitions.</li> <li>• Highly experienced coordinators and industry experts as judges.</li> </ul>	<ul style="list-style-type: none"> <li>• Limited participation in certain competitions due to last-minute registrations.</li> <li>• Some technical glitches faced during the gaming events.</li> </ul>	<ul style="list-style-type: none"> <li>• Potential to expand to an international audience in future editions.</li> <li>• Collaboration with more industry sponsors for greater exposure and prizes.</li> </ul>	<ul style="list-style-type: none"> <li>• Technical infrastructure and internet connectivity issues during online-related events.</li> <li>• Logistical challenges in managing a high number of participants.</li> </ul>

## Geo-Tagged Photo:





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

## Proofs & Documents Attached (Tick mark the proofs attached):

<input type="checkbox"/>	Notice / Brochure	<input type="checkbox"/>	Feedback Form
<input type="checkbox"/>	Attendance list	<input type="checkbox"/>	Feedback Analysis
<input type="checkbox"/>	Photos	<input type="checkbox"/>	Media News Details
<input type="checkbox"/>	Certificate	<input type="checkbox"/>	Any Other

Prepared By		Checked By
Name & Dated Signature of Coordinator	Name & Dated Signature of Head/Committee In charge	Name & Dated Signature of IQAC Coordinator
Mr. Swapnil Malipatil Mrs. Vishaka Rane		

Date of Activity: 07<sup>th</sup> and 08<sup>th</sup> 2025

Date of Report Submission:

Reason for delay if any:



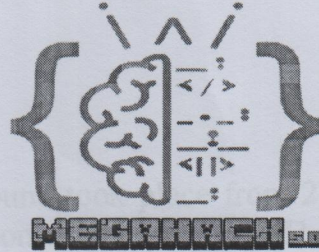
*Kishal*

**Principal**

St. John College of Engg. & Mgmt  
Palghar (E). Palghar

Approved By  
Principal Signature

## Megahack 5.0 Hackathon



### MegaHack 5.0 2025 - Event Report

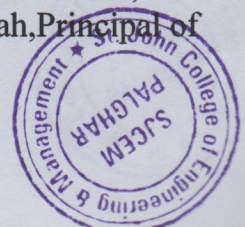
#### Introduction:

Megahack 5.0, a 24-hour national-level hackathon, was successfully organized on the 7th and 8th of March 2025. The event saw enthusiastic participation, with a total of 86 teams and 310 participants competing. Notably, 26 teams represented St. John College of Engineering and Management, Palghar. The event received generous sponsorships, with Coral sponsoring the 1st prize worth Rs. 35,000, and Jetking, represented by Mr. Rishikesh Pandey, sponsoring the 3rd prize worth Rs. 15,000. Additionally, Zain Global, through Ms. Purvi Patel, contributed Rs. 15,000, while Tech Bairn provided tech coupons as goodies. The participants benefited from the mentorship of Mr. Swaraj Patil, an Associate Application Engineer - iOS at Raw Engineering. The judging panel included Mr. Vedant Jha, a Business Automation & Development Consultant, and Ms. Utkarsha Pawar, a Full Stack Developer. The hackathon aimed to foster innovation, collaboration, and problem-solving skills among budding developers and technology enthusiasts.

#### Event Proceedings:

- **Morning Session:** The event commenced with an **Inauguration Ceremony** held in the auditorium.

The event commenced with the Inauguration Ceremony held in the auditorium. Aarchi Save and Aaditya Singh hosted the session, introducing the event and outlining its objectives. They provided a comprehensive overview of MegaHack 2025, highlighting the sponsors and key aspects of the event. A Q&A session followed, where the hosts addressed students' queries about the event. The ceremony also featured speeches by dignitaries, including Mr. Albert W. D'Souza, Chairman of Aldel Education Trust, Mr. Aldridge D'Souza, Member of Aldel Education Trust and Dr. Kamal Shah, Principal of





# St. John College of Engineering and Management

Autonomous Institute

(A Christian Religious Minority Institution)

Approved by AICTE and DTE, Affiliated to University of Mumbai / MSBTE

DTE Code : 3218 AICTE Permanent ID : 1-4790201



NAAC Accredited with Grade 'A+', Three Programs NBA Accredited

SJCEM who shared their insights and encouraged the participants. A lunch break was provided to all attendees from 1:00 pm to 2:00 pm, offering a chance for participants to relax and network.

- **Afternoon Session:**

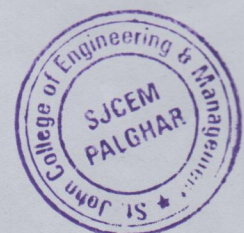
In the afternoon, the first judging round took place from 2:00 pm to 5:00 pm, where judges conducted an initial evaluation of the projects. The focus was on creativity, feasibility, and the overall concept. Teams had the opportunity to explain their ideas and the thought processes behind their solutions, receiving valuable feedback for improvement. The projects presented were unique and innovative, showcasing a diverse range of creative approaches to problem-solving. During this time, refreshments were also provided to participants.

- **Evening Session:**

The evening session began with Mentoring Round 1, which lasted from 7:00 pm to 9:00 pm. Mentors reviewed the problem statements and provided valuable insights, guiding teams in refining their project ideas. They helped identify potential challenges, suggested improvements, and offered strategic direction to enhance the teams' solutions. This session laid the foundation for a well-structured project development process. After that, participants took a supper break from 9:45 pm to 10:45 pm, during which there was a precise waste disposal policy. Accommodation arrangements were made available from 11:00 pm, ensuring comfort for participants. It was necessary for at least two team members to be at the workstation constantly.

- **Final Day:**

On the final day, the coding session kicked off early, giving participants the opportunity to continue working on their projects and make progress. All attendees had a breakfast break from 8:00 am until 9:30 am. Teams had their last chance to finish their work before the final submission during the final coding sprint, which ran from 9:30 am to 11:30 am. From 11:30 am to 1:30 pm, teams presented their projects for review during the final judgment round. Each initiative was evaluated by judges according to its impact, usefulness, and inventiveness. The judges discussed and decided on the winners during an internal meeting of judges that took place between 1:30 and 2:00 p.m which was ended by the Valedictory function by 3:00 p.m.



### Award Ceremony & Closing Event:

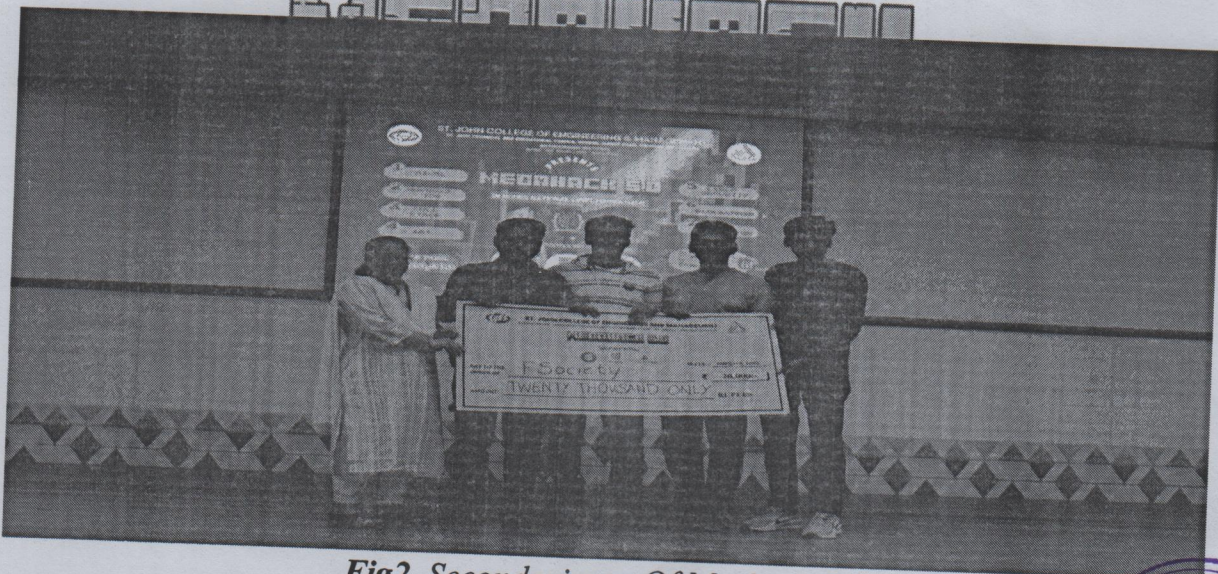
- The award ceremony was hosted by Mrs. Tanvi Patil, Faculty Coordinator of Megahack 5.0.
- **Awards Distribution:**

The **1st Prize** was presented by **Dr. Kamal Shah**, along with our esteemed judges, **Mr. Vedant Jha** and **Ms. Utkarsha**.



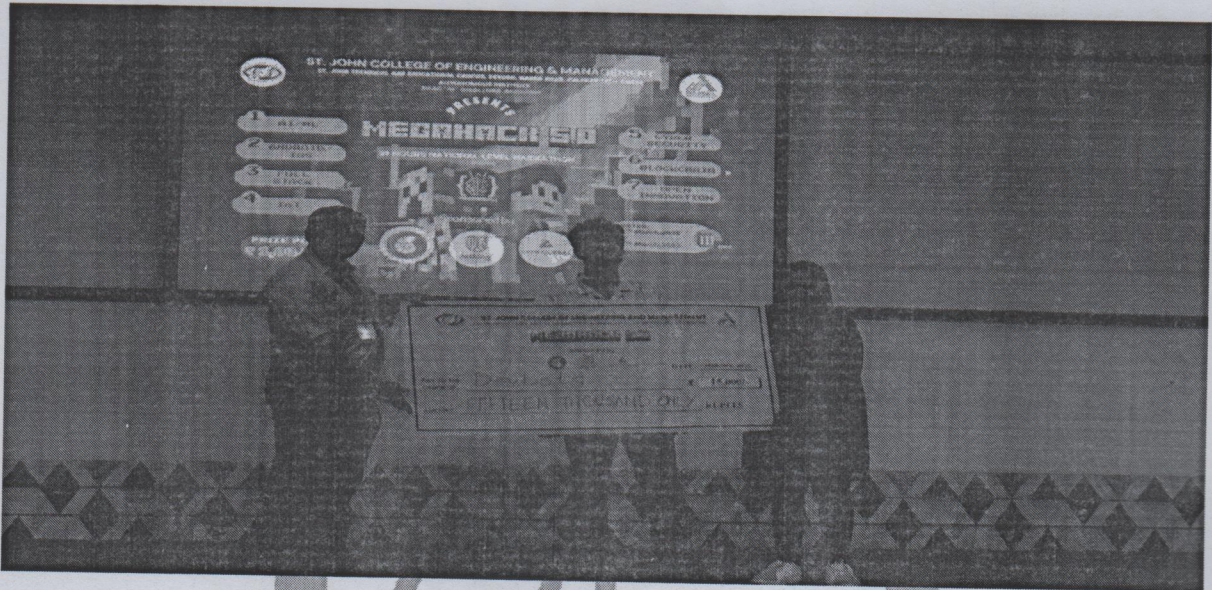
*Fig1. First Winner Of Meghack 5.0.*

The **2nd Prize** was presented by **Mrs. Dipti Lopes**, HOD of the First Year Department.



*Fig2. Second winner Of Meghack 5.0*

The 3rd Prize was presented by **Dr. Nilesh Deotale**, HOD of Computer Department.

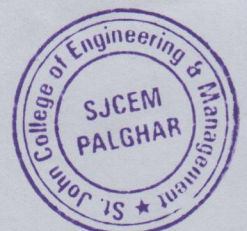


*Fig3. Third winner of Megahack 5.0*

A special appreciation was awarded to a distinguished group for their outstanding project in **Open Innovation**, as recognized by the judges. The appreciation was presented by **Mr. Kishor Rambhad**, HOD of the Mechanical Department, and **Mr. Ajay Sirsat**, Faculty Coordinator of Megahack 5.0.



*Fig4. Appreciation for excellence*



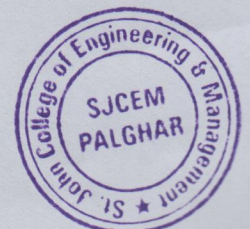
## Event Highlights:



*Fig5. Evaluating Excellence : Judging in Action*



*Fig6. Dr. Kamal Shah, Principal of SJCEM, interacting and inspiring participants.*

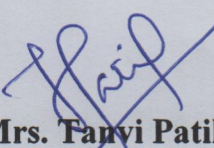




*Fig7. Recognizing the Megahack 5.0 Organizing Team for excellence in execution.*

**Conclusion:** MegaHack 5.0 was concluded on a high note, providing participants with an enriching experience of innovation, collaboration, and mentorship. The well-structured workflow ensured the smooth execution of all sessions, making the event a grand success. We extend our gratitude to the organizers, sponsors, mentors, and participants who contributed to making MegaHack 5.0 a remarkable event.

## MEGAHACK 5.0

  
Mrs. Tanvi Patil | Mr. Ajay Sirsat

Megahack Coordinator

  
Dr. Kamal Shah

Principal, SJCEM

**Principal**

St. John College of Engg. & Mgmt  
Palghar (E). Palghar



# University of Mumbai

## DEPARTMENT OF STUDENTS' DEVELOPMENT

Certified List of Students Participated in 19<sup>th</sup> Aavishkar: Inter-Collegiate/Institute/Department Research Convention: 2024-25 (Zonal Round)

Zone: **Engineering Colleges/Institutes**

Name of the Department: **St. John College of Engineering and Management, Palghar**

Sr. No.	Category	Level	Registration No. of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
1	Commerce, Management and Law	UG	R-10-14-CM-UG-425	Kale Deep	T.Y.TECH/12
				Pathak Sanjeev	T.Y.TECH/53
				Patil Dhruvika	T.Y.TECH/22
				Poojary Omkar	T.Y.TECH/56
2	Commerce, Management and Law	UG	R-10-14-CM-UG-375	Das Prakhar	T.Y.TECH/08
				Gupta Khushi	T.Y.TECH/46
				Panda Amit	T.Y.TECH/51
				Panhale Yashashree	T.Y.TECH/52
3	Commerce, Management and Law	UG	R-10-14-CM-UG-355	Mishra Amit	B.TECH/49
				Sutar Aditya	B.TECH/64
				Zope Nehal	B.TECH/62
4	Pure Sciences	UG	R-10-14-SC-UG-210	Jha Gopi	B.TECH/4
				Pagi Vikrant	B.TECH/37
				Rawat Nirmal singh	B.TECH/28
				Sultan Arafat	B.TECH/19
				Surve Tushar	B.TECH/29
5	Pure Sciences	UG	R-10-14-SC-UG-208	Jain Darshan	B.TECH/8
				Rajput Nilesh	B.TECH/23
				Save Parth Nilesh	B.TECH/27
				Suthar Moksh	B.TECH/30
				Talesara Gaurav	B.TECH/30



# University of Mumbai

## DEPARTMENT OF STUDENTS' DEVELOPMENT

Certified List of Students Participated in 19<sup>th</sup> Aavishkar: Inter-Collegiate/Institute/Department Research Convention: 2024-25 (Zonal Round)

Sr. No.	Category	Level	Registration No. of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
6	Pure Sciences	UG	R-10-14-SC-UG-201	Dawane Vishal Bhupesh	B.TECH/5
				Gaikwad Nidhi Nitin	B.TECH/8
				Jain Dhruv Dilip	B.TECH/11
				Shaikh Daren Zahurmiya	B.TECH/27
7	Pure Sciences	UG	R-10-14-SC-UG-402	Deshpande Chinmay	B.TECH/34
				Machhi Shreyash	B.TECH/15
				Pachalkar Hrutik	B.TECH/18
				Patil Vedant	B.TECH/22
8	Pure Sciences	UG	R-10-14-SC-UG-291	Harad Kunal	T.Y.TECH/23
				Jain Himani	B.TECH/12
				Jha Prabhat	T.Y.TECH/26
				Patel Wasim	T.Y.TECH/44
9	Agriculture and Animal Husbandry	UG	R-10-14-AG-UG-149	Patil Bhavesh	B.TECH/13
				Patil Hardik	B.TECH/14
				Phuse Parth	B.TECH/16
10	Agriculture and Animal Husbandry	UG	R-10-14-AG-UG-217	Ambolkar Aayush	B.TECH/1
				Khot Aditya	B.TECH/10
				Pandey Prince	B.TECH/16
				Ruke Tejas	B.TECH/25
				Sawant Parth	B.TECH/27
11	Agriculture and Animal Husbandry	UG	R-10-14-AG-UG-175	Chaudhary Tanay	B.TECH/1
				Dhanmeher Labhesh	B.TECH/45
				Lenka Suman	B.TECH/13
				Mahara Prakash	B.TECH/48



# University of Mumbai

## DEPARTMENT OF STUDENTS' DEVELOPMENT

Certified List of Students Participated in 19<sup>th</sup> Aavishkar: Inter-Collegiate/Institute/Department Research Convention: 2024-25 (Zonal Round)

Sr. No.	Category	Level	Registration No. of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
12	Engineering and Technology	UG	R-10-14-ET-UG-242	Nair Amal	B.TECH/5
				Patil Shubham	B.TECH/7
				Patil Yash	B.TECH/9
13	Engineering and Technology	UG	R-10-14-ET-UG-227	Mhatre Tanish	T.Y.TECH/17
				Mishra Shreya	T.Y.TECH/18
				Prabhu Gaurav	T.Y.TECH/22
				Raut Rudra	T.Y.TECH/24
				Shetty Gagan	T.Y.TECH/28
14	Engineering and Technology	UG	R-10-14-ET-UG-223	Patil Jay	B.TECH/11
				Patil Sakshi Sanjay	B.TECH/14
				Shigvan Omkar	B.TECH/37
				Singh Aryan Ranapratap	B.TECH/41
15	Engineering and Technology	UG	R-10-14-ET-UG-215	Alves Avnish	B.TECH/1
				Ambre Amulya	B.TECH/2
				Choudhary Sakshi	B.TECH/21
				Singh Akhilkumar	B.TECH/63
16	Engineering and Technology	UG	R-10-14-ET-UG-207	Dhodi Arun Mahesh	B.TECH/7
				Hambire Anagha Manvendra	B.TECH/10
				Patil Krutesh	B.TECH/20
				Raut Divy Deepak	B.TECH/25



# University of Mumbai

## DEPARTMENT OF STUDENTS' DEVELOPMENT

Certified List of Students Participated in 19<sup>th</sup> Aavishkar: Inter-Collegiate/Institute/Department Research Convention: 2024-25 (Zonal Round)

Sr. No.	Category	Level	Registration No. of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
17	Engineering and Technology	UG	R-10-14-ET-UG-203	Gaikwad Arya	T.Y.TECH/15
				Jadhav Apurva	B.TECH/14
				Mudaliar Dhevayani	T.Y.TECH/38
				Patil Kunal	B.TECH/40
				Sankhe Vishruti	B.TECH/52
18	Engineering and Technology	UG	R-10-14-ET-UG-201	Bhoi Mitrank	B.TECH/1
				Kachare Sahil	B.TECH/05
				Lade Dhruv	B.TECH/8
				Mere Jaynish	B.TECH/10
19	Engineering and Technology	UG	R-10-14-ET-UG-65	Gupta Kanhaiyalal Pramodkumar	B.TECH/9
				Jakkula Prathamesh	B.TECH/11
				Maurya Aman Rambilash	B.TECH/14
				Surati Tanishq Mahesh	B.TECH/31
				Vartak Devang Sanjay	B.TECH/32
20	Engineering and Technology	PG	R-10-14-ET-PG-91	Panpatil Abhijeet	S.Y.M.TECH/5
21	Engineering and Technology	PG	R-10-14-ET-PG-90	Shaikh Afrid	S.Y.M.TECH/6
22	Engineering and Technology	PG	R-10-14-ET-PG-87	Sankhe Natali	M.TECH/6
23	Engineering and Technology	PG	R-10-14-ET-PG-86	Pimple Trusha	M.TECH/5
24	Engineering and Technology	PG	R-10-14-ET-PG-85	Patil Jagruti Hemant	M.TECH/7
25	Engineering and Technology	PPG	R-10-14-ET-PPG-12	Meti Ashok Nagappa	PH.D. (CIVIL) PURSUING/1



# University of Mumbai

## DEPARTMENT OF STUDENTS' DEVELOPMENT

Certified List of Students Participated in 19<sup>th</sup> Aavishkar: Inter-Collegiate/Institute/Department Research Convention: 2024-25 (Zonal Round)

Sr. No.	Category	Level	Registration No. of the Research Project	Name of the Participant/s	Class and Roll No. of the Participant/s
26	Engineering and Technology	PPG	R-10-14-ET-PPG-11	Tarade Juiy	PH.D. (EXTC) PURSUING/1
27	Engineering and Technology	PPG	R-10-14-ET-PPG-10	Lobo Vivian Brian	PH.D. (IT) PURSUING/12
28	Engineering and Technology	PPG	R-10-14-ET-PPG-9	Shukla Subhasini	PH.D. (EXTC) PURSUING/1
29	Engineering and Technology	PPG	R-10-14-ET-PPG-17	More Shraddha Subhash	PH.D (IT) PURSUING/2
30	Engineering and Technology	PPG	R-10-14-ET-PPG-16	Chavan Avinash	PH.D. (MECHANICAL) PURSUING/1
31	Engineering and Technology	PPG	R-10-14-ET-PPG-15	Beldar Kiran Ramkrishna	PH.D. (MECHANICAL) PURSUING/1
32	Medicine and Pharmacy	UG	R-10-14-MD-UG-129	Singh Aaditya Ghanshyam	B.TECH/54
				Tiwari Rohit	B.TECH/60
				Tripathi Amit Pramodkumar	B.TECH/58
				Wade Kshitija Kalpesh	B.TECH/62

I hereby certify that the above mentioned students (Sr. No. 1 to 32) have participated and presented their Research Projects in 19<sup>th</sup> Aavishkar: Inter-Collegiate / Institute / Department Research Convention (Zonal Round): 2024-25 held at Organizing College organized by University of Mumbai on December 15, 2022.

Date: December 24, 2022

Place: Churchgate, Mumbai

University of Mumbai



# University of Mumbai

DEPARTMENT OF STUDENTS' DEVELOPMENT

Certified List of Students Participated in 19<sup>th</sup> Aavishkar: Inter-Collegiate/Institute/Department Research Convention: 2024-25 (Zonal Round)

Dr. Sunil Patil  
I/c Director,  
Department of Students' Development,  
University of Mumbai



## **Problem Solving Methodologies**



# **Wireless Signal Amplification Device for 5G**

B.Tech project report in partial fulfillment of the requirements of degree of  
Bachelor of Engineering

Submitted By

- |                  |           |
|------------------|-----------|
| 1. Yash Patil    | EU2213003 |
| 2. Shubham Patil | EU2213001 |
| 3. Amal Nair     | EU2213006 |
| 4. Chirag Gharat | EU2213008 |

Under the guidance of

**Mrs. Vishakha S Rane**



**Department of Electronics and Telecommunication Engineering**  
**St. John College of Engineering and Management**  
**Palghar401404**

**(Autonomous)**  
**University of Mumbai**  
**2024-2025**



## Abstract

The advent of 5G wireless networks necessitates the development of high-performance amplification systems capable of supporting the increased demand for higher data rates, low latency, and robust connectivity. In this context, the wireless single amplification device plays a critical role in ensuring signal integrity, power efficiency, and wideband performance. This paper presents a novel design for a wireless single amplification device specifically tailored for 5G applications. The proposed device integrates advanced techniques such as dynamic load-pull optimization, power combining, and wideband impedance matching to address the unique challenges posed by the high-frequency spectrum used in 5G communication systems. Experimental results and simulations demonstrate significant improvements in power efficiency, linearity, and reduced signal distortion, outperforming traditional amplifier designs. The device is also designed with scalability and compactness in mind, making it suitable for integration in small-cell and massive MIMO architectures, which are pivotal for 5G network deployments. This work contributes to the ongoing development of energy-efficient, high-performance amplification solutions for next-generation wireless networks, offering a promising approach to meet the demanding specifications of 5G systems.

## Introduction

The devices with the ability to increase the amplitude of the input signals are termed as 'amplifiers'. The amplifiers are classified into different types based on their construction of operating characteristics.

Amplifiers are capable of only increasing the amplitude and the other parameters such as frequency and shape of the waves remain constant and can be used to vary the output signals. Amplifier plays a vital role in the world of telecommunication. Wireless communication to longer distance were made possible only because of the amplification of the signal transmitted carrying the information or the message.

The signal transmitted becomes weaker as it travels through different mediums resulting in weak signal coverage to few places.

The attenuation arises due to the factor such as the geographical conditions, high rise building causing severe diffraction.

### Flowchart

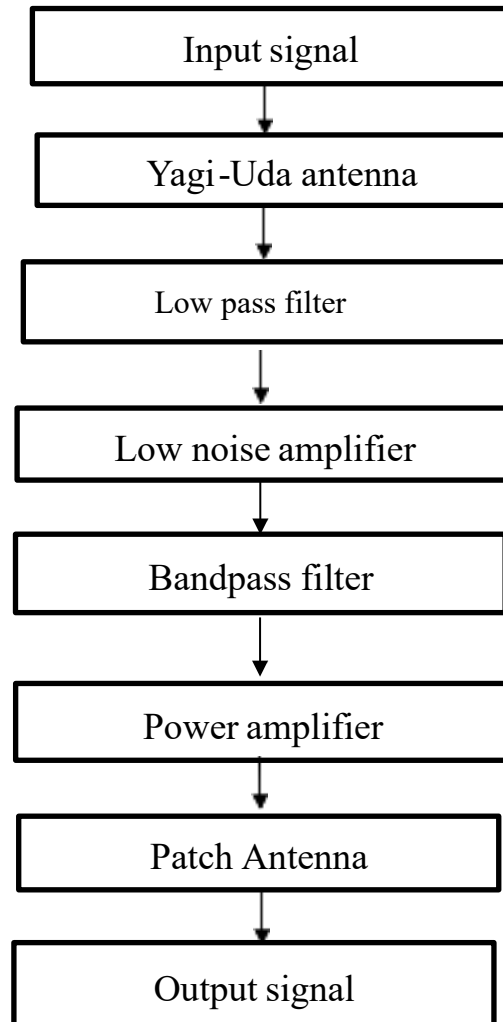


Fig No. 1.1



## Motivation

The motivation for implementing wireless signal amplification devices for 5G stems from the need to overcome critical challenges and maximize the potential of 5G technology. Here are compelling reasons for their deployment:

- 1. Enhancing Connectivity in Remote Areas:** Amplification devices can extend signal reach, enabling robust 5G coverage in rural or difficult-to-access regions.
- 2. Improved Network Capacity:** With the increased density of connected devices in 5G, amplification ensures reliable signal transmission, supporting massive IoT ecosystems and smart cities.
- 3. Higher Data Speeds:** By mitigating signal attenuation and interference, these devices contribute to ultra-fast data rates, crucial for real-time applications like autonomous vehicles and VR.
- 4. Reduced Latency:** Stable signals result in lower latency, ensuring seamless user experiences for applications like telemedicine and gaming.
- 5. Energy Efficiency:** Advanced amplification techniques can optimize power usage in 5G networks, reducing overall energy consumption while maintaining performance. Investing in such devices is a strategic step toward unlocking the full capabilities of 5G, paving the way for groundbreaking advancements in communication, industry, and society.

### 1.1 Problem Statement:

The widespread deployment of 5G networks faces significant challenges due to signal attenuation, interference, and coverage limitations, particularly in densely populated urban environments and remote rural areas. These factors impact the performance and reliability of 5G technology, hindering its ability to deliver high-speed connectivity, ultra-low latency, and seamless user experiences. The need arises for an effective solution that can amplify wireless signals without compromising energy efficiency, signal quality, or network capacity, ensuring optimal functioning of 5G infrastructure and addressing the demands of modern communication systems.

### 1.2 Objectives:

- **Enhance Signal Coverage:** Extend the range and reach of 5G signals in both urban and remote areas, ensuring connectivity for all users.
- **Improve Signal Strength and Quality:** Amplify weak signals while minimizing noise and interference to provide reliable, high-speed communication.

### 1.3 Proposed System:

- 1. Mini LTE Network Booster:** This system is designed to amplify weak LTE signals (1800 MHz) in areas with poor network coverage. It utilizes a Yagi-Uda antenna to receive signals, processes them through filters and amplifiers for noise reduction and signal boosting, and retransmits the improved signal via a patch antenna for enhanced connectivity.
- 2. GSM Signal Booster:** Focused on GSM signals (900 and 1800 MHz), this booster employs an outdoor antenna to capture weak signals, amplifies them using a low-noise amplifier and power amplifier, and redistributes the amplified signals via an internal antenna. The system works effectively within the operational constraints of specific signal bands and enhances communication in challenging areas.
- 3. 4G Signal Booster:** Designed to strengthen 4G signals, this system integrates outdoor patch panel antennas for signal collection, RF circuits for intensity adjustment, band-pass filters to focus on 4G bandwidth, and power amplifiers for signal boosting. It addresses challenges posed by geographical barriers, structural density, and network limitations, improving connectivity for multiple telecom operators like Airtel and BSNL.

## Hardware Part:

### Patch antenna:

Patch antennas are widely used in 5G devices for wireless signal amplification due to their compact size, ease of fabrication, and ability to operate at high frequencies. Here's how they contribute:

1. **Beamforming:** Patch antennas can be arranged in arrays to focus signals in specific directions, enhancing signal strength and reducing interference. This is crucial for 5G's high-speed, lowlatency communication.
2. **Frequency Compatibility:** They are designed to operate efficiently in 5G frequency bands, including sub-6 GHz and mmWave frequencies, ensuring optimal performance.
3. **Integration:** Their flat, lightweight design allows easy integration into 5G devices, such as smartphones, IoT devices, and base stations, without adding bulk.
4. **High Gain:** By using advanced designs like multi-layered or slotted patches, these antennas can achieve higher gain, improving signal amplification and coverage.
5. **MIMO Systems:** Patch antennas are ideal for Multiple-Input Multiple-Output (MIMO) systems, a key technology in 5G, as they can be arranged in compact arrays to support multiple data streams.



Fig No. 3.3

### Yagi Uda antenna:

The Yagi-Uda antenna can be adapted for wireless signal amplification in 5G devices by leveraging its high gain and directional properties. Here are some ways it can be utilized:

1. **Beamforming:** By focusing the signal in a specific direction, the Yagi-Uda antenna can enhance the strength and quality of wireless communication for 5G devices, especially in areas with weak signals.
2. **MIMO Systems:** In 5G networks, Multiple-Input Multiple-Output (MIMO) technology is crucial for improving data rates and reliability. Compact Yagi-Uda inspired designs can be integrated into MIMO systems to reduce interference and maximize diversity gain.
3. **Frequency Optimization:** The antenna can be tailored to operate effectively within the 5G frequency bands, such as sub-6 GHz and mmWave frequencies, ensuring compatibility with emerging wireless standards.
4. **Compact Design:** Innovations in Yagi-Uda antenna design, such as planar configurations and miniaturization, make it suitable for integration into small 5G devices without compromising performance.



*Fig No. 3.3*



## Results and Analysis

### Yagi-Uda Antenna Analysis:

- Frequency (5.8 GHz): Operates efficiently in this range, commonly used in long-range wireless communication.
- Radiation Setup: Strongly directional, focusing most energy forward.
- Gain (dimensionless) for  $\theta = \text{All}$ ,  $\phi = 90^\circ$ :
  - High gain, indicating strong signal transmission along this plane.
- E-Plane Gain (dB) for  $\theta = \text{All}$ ,  $\phi = 90^\circ$ :
  - High dB values, emphasizing its focused radiation pattern.
- Gain (dimensionless) for  $\theta = 90^\circ$ ,  $\phi = \text{All}$  (H-plane):
  - Shows asymmetry, meaning the energy is more concentrated in a specific direction.
- H-Plane Gain (dB) for  $\theta = 90^\circ$ ,  $\phi = \text{All}$ :
  - Reflects the antenna's beam width and forward-focused gain.
- VSWR: Ideally low, ensuring minimal signal reflection for better efficiency.
- Directivity: Highly directive, making it excellent for long-range focused applications.
- 3D Gain & Directivity:
  - The antenna's beam will be strongly concentrated in one direction.
  - Useful for TV antennas, radio transmitters, and radar systems.

### Patch Antenna Analysis:

- Frequency (5.8 GHz): Well-suited for wireless communication and mobile applications.
- Radiation Setup: Broader radiation pattern, semi-omnidirectional.
- Gain (dimensionless) for  $\theta = \text{All}$ ,  $\phi = 90^\circ$ :
  - Moderate gain, ensuring balanced coverage.
- E-Plane Gain (dB) for  $\theta = \text{All}$ ,  $\phi = 90^\circ$ :
  - Reflects a wider signal spread, unlike Yagi-Uda's focused pattern.
- E-Plane Gain (dB) for  $\theta = \text{All}$ ,  $\phi = 90^\circ$ :
  - Reflects a wider signal spread, unlike Yagi-Uda's focused pattern.
- Gain (dimensionless) for  $\theta = 90^\circ$ ,  $\phi = \text{All}$  (H-plane):
  - Shows more uniform radiation, useful for short-range applications.
- H-Plane Gain (dB) for  $\theta = 90^\circ$ ,  $\phi = \text{All}$ :
  - Suitable for wireless transmission with stable coverage.
- VSWR: Optimized for efficient impedance matching, keeping transmission losses low.
- Directivity: Moderate directivity, with less focus but better coverage.

## Result

The implementation of the wireless signal amplification device demonstrates significant improvements in signal quality and network performance within 5G systems. Key results include enhanced signal strength, extended coverage in areas with weak reception, reduced interference, and consistent high-speed data transmission. Furthermore, energy-efficient designs help optimize power consumption while maintaining robust signal amplification, ensuring sustainable operation.



**Discussion:** The results confirm the critical role of signal amplification in addressing the challenges of 5G networks, particularly signal attenuation and coverage gaps. The improved signal quality and network reliability positively impact user experience, making 5G applications—such as IoT, autonomous systems, and telemedicine—more efficient and accessible.

The deployment of amplification devices also highlights the importance of balancing performance and energy efficiency. While amplification devices significantly enhance network capabilities, ongoing research is essential to tackle challenges like non-linear signal distortion and ensure scalability for future advancements, such as the transition to 6G.

## Conclusion

In conclusion, wireless signal amplification devices are a cornerstone for the successful deployment and operation of 5G networks. They address critical challenges like signal attenuation, interference, and coverage gaps, ensuring enhanced connectivity, higher data speeds, and reliable performance. These devices not only empower existing 5G infrastructure but also pave the way for future advancements, including the transition to 6G and the integration of smart, energy-efficient technologies.

As 5G continues to revolutionize communication, industries, and societies, signal amplification devices will remain indispensable, driving innovation and enabling seamless connectivity in a rapidly evolving digital landscape. Investing in their development and deployment is a step toward unlocking the true potential of next-generation wireless communication.