

SPECTRUM 2026

ST. JOHN COLLEGE OF ENGINEERING AND MANAGEMENT

(Autonomous)

(A Christian Religious Minority Institute)

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

NAAC 'A+' Grade | NBA Accredited

ALDEL EDUCATION TRUST

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.

SPECTRUM TEAM



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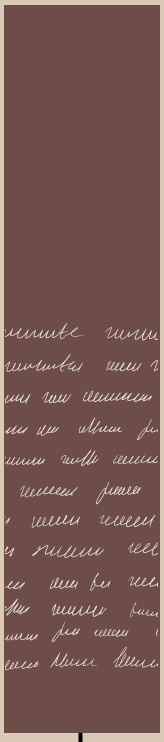
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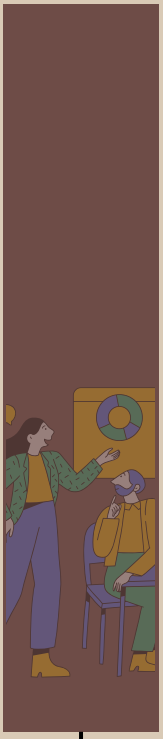
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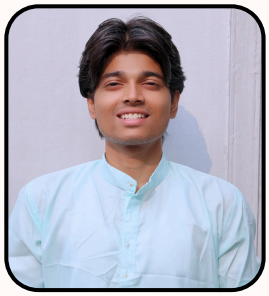


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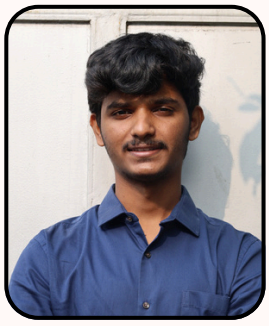


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Dear Avid Readers,

It gives me immense pride and pleasure, on behalf of the Editorial Board, to present Spectrum 2026, the Annual Magazine of St. John College of Engineering and Management (SJCEM). This edition is not merely a record of events; it is a vibrant reflection of the spirit, creativity, resilience, and excellence that define our campus.

Spectrum 2026 captures a year rich with academic milestones, cultural vibrancy, technological innovation, sportsmanship, and social commitment. A special highlight of this edition is the dedicated showcase of Student and Faculty Achievements from academic distinctions, research publications, patents, competitive victories, and professional recognitions to outstanding contributions beyond the classroom. These accomplishments reflect the hard work, talent, and determination of the SJCEM fraternity.

Adding a distinctive creative dimension, this edition features artistic works and pictographs that bring emotions, perspectives, and campus life alive through visuals. What truly makes Spectrum 2026 unique across the campus is the diversity of voices and ideas it represents.

I extend my heartfelt gratitude to the Management, Campus Director, Principal, Vice Principal, Deans, Faculty Members, Students, Contributors, Designers, and the Editorial Team for their unwavering support and enthusiasm. Your contributions have transformed Spectrum 2026 into a meaningful keepsake and a proud representation of our institution.

As you turn these pages, may you relive cherished memories, celebrate achievements, admire creativity, and feel inspired by the vibrant spectrum of life at SJCEM. May this magazine encourage each one of us to dream bigger, think deeper, and continue contributing to the growing legacy of our college.

Wish you happy reading!

Dr. Eknath Patil
Editor in Chief
Spectrum 2026
St. John College of Engineering and Management

From the Chairman's Desk

"Innovation distinguishes between a leader and a follower." - Steve Jobs

At the St. John Technical and Educational Campus, everyday is an opportunity to learn and transform oneself into a leader for the future. The year of 2025 was a year filled with remarkable achievements by the students of all our Institutes. Seeing them participate and win at the local, state, national and international levels has fortified our belief that we are truly "Serving to Educate and Educating to Serve" in the fast growing District of Palghar. I am optimistic that 2026 will see us build on these accolades, achieve greater laurels and bring further recognition to the St. John Campus. Along with the students, I also congratulate the dedicated Mentors, Faculty and their Parents who have supported them in their endeavours. The fruits of your efforts are visible in their success.

With our 8 Institutions, we have the widest variety of Career options in a single Campus. With the power of Autonomous Status, we continue to add new and innovative programs that will help students diversify their fields of study. I acknowledge the support from various Academicians and Industry Experts who have contributed to the deployment of Autonomy and development of the Institutions. I am proud to announce that Palghar District's 1st and only AICTE IDEA Lab has been successfully inaugurated at SJCEM. The Campus continues to go from strength to strength, powered by the hard work and dedication of the Staff and Students.

2025 was a whirlwind year in our lives, with a lot of unexpected developments world over. The rise of AI, the rapid deployment of new technologies, huge breakthroughs in medical research, a revival of certain cultures and many more events that were both anticipated and not. While the world moves towards even further technological involvement and interference, I would like to remind everyone that the responsible use of technology is as a feature to assist us to improve our lives and not replace us. It is also important that we remember our values and ethics while doing so.

This being said, I foresee multiple opportunities for our young and tech-savvy students to benefit from. Make the most of the opportunities and facilities that come your way during your academic journey at the St. John Campus. Focus your energy and efforts towards constructive ideas, accept the feedback from your mentors and build something. You may never know, the next Big Thing / Billion Dollar Idea maybe hidden in your thoughts and ideas!

My best wishes to the Editorial Team of this magazine and wishing everyone a successful and prosperous 2026.



MR. ALBERT W. D'SOUZA

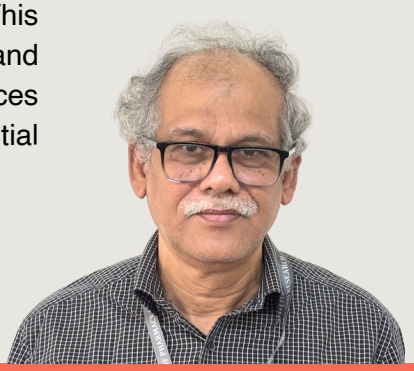
CHAIRMAN, ALDEL EDUCATION TRUST

From the Dean Research's Desk

At the outset let me wish you all a Very Happy New Year, 2026.

The present era is defined by the convergence of artificial intelligence, sustainable engineering, transformative healthcare, quantum computing, nanotechnology, and other emerging fields. St John Technical Campus is uniquely positioned to respond to these challenges through its diverse ecosystem of engineering, pharmacy, management, humanities, and science schools. Over the past year, our faculty and students have brought distinction to the campus through achievements across several of these domains.

As we move forward, we are committed to empowering our academic community to address real-world challenges while anticipating the needs of the future. This dynamic synergy at our campus is envisioned as one where engineering and science schools drive foundational innovation, pharmacy translates these advances into life-saving therapeutics, and management and humanities provide the essential frameworks for ethical governance and strategic foresight in research.



DR. EVANS COUTINHO
DEAN - RESEARCH
ST. JOHN TECHNICAL AND EDUCATIONAL CAMPUS

From the Campus Director's Desk

"Excellence is not an act, but a habit. Invest wisely in the habits you form right now." - Anonymous

Dear Students and Teachers

As I reflect on the growth of the St. John Technical and Educational Campus, I feel a great sense of pride in the achievements of SJCEM I want to express my sincere appreciation to everyone—students and staff alike—for the hard work that has brought us to where we are today.

To our Students: Your curiosity and commitment to the academic rigor on campus is impressive. In higher education, you are moving beyond basic learning to become the professionals of tomorrow. Your hard work is the engine of your success. I encourage you to stay focused, as the habits you develop now—such as discipline, ethics, and time management—will be the foundation of your future careers. You are no longer just students; you are preparing to be leaders in your respective fields.

To our Faculty: Your dedication to teaching and mentorship is vital. Thank you for your efforts in guiding our students and for staying committed to academic excellence. You play a crucial role in helping our students bridge the gap between the classroom and the professional world.

The work we do here is significant. Our institutes are where you build the skills needed for the wider world—not just technical knowledge, but also teamwork and character. As you look through this magazine, take a moment to celebrate your achievements. I hope the year ahead is full of progress and new opportunities. Let us continue to maintain a campus culture defined by respect and a drive for excellence.



DR. SAVITA J. TAURO
PRINCIPAL-SJIPR & CAMPUS DIRECTOR - ACADEMICS
ST. JOHN TECHNICAL AND EDUCATIONAL CAMPUS

From the Principal's Desk

Dear Readers,

It gives me immense pleasure to present Spectrum 2026, the Annual Magazine of St. John College of Engineering and Management (SJCEM). This publication stands as a proud reflection of our institution's commitment to academic excellence, innovation, creativity, and holistic development.
Spectrum 2026 captures a year filled with significant academic progress, student and faculty achievements, research contributions, cultural activities, sports accomplishments, and social initiatives. The dedicated recognition of student and faculty accomplishments highlights the hard work, perseverance, and talent that continue to elevate SJCEM's standing.

The inclusion of artistic works and pictographs adds a unique creative dimension to this edition, offering a visual narrative of campus life and showcasing the diverse talents of our students and staff. These creative expressions beautifully complement our strong academic foundation.

What makes this magazine truly special is the collective effort behind it. Editorial Team, students, faculty, and staff have contributed enthusiastically, making Spectrum 2026 a shared platform that reflects unity, inclusivity, teamwork, and innovation. Despite the demanding responsibilities associated with our autonomous status, the timely release of the magazine in the second week of January 2026 is commendable and reflects the dedication of the Spectrum Team.

Besides, as the Principal of SJCEM, I urge all the students community to build strong fundamentals and strive for true understanding beyond examinations. Stay curious and commit to lifelong learning, as technology constantly evolves. Develop not only technical skills but also communication, teamwork, ethics, and leadership. Do not fear failure; treat challenges as opportunities to grow and innovate. Maintain discipline, integrity, and social responsibility in all your endeavors. Be proud ambassadors of SJCEM and use your knowledge to serve society. With dedication and perseverance, you will achieve professional excellence and meaningful success in life.

Last but not the least, I sincerely appreciate the efforts of the Management, Editorial Board, faculty members, students, designers, and all contributors who have made this publication possible. Spectrum_2026 not only documents our journey but also inspires us to continue striving for excellence and contributing meaningfully to the growth and legacy of SJCEM.
Warm regards!



DR. KAMAL SHAH
PRINCIPAL - SJCEM

COLLEGE ANNUAL REPORT

The academic year 2025 marked another milestone in the sustained growth and governance excellence of St. John College of Engineering & Management (SJCEM). With a strong commitment to academic autonomy, quality assurance, and institutional development, the college conducted all statutory and academic meetings in a timely and structured manner.

Board of Studies (Autonomous)

The Board of Studies (BoS) meetings for all departments were successfully conducted in two phases during the year. The First Half meetings were primarily held on 24th April 2025, with the exception of the MBA Board of Studies, which convened on 5th May 2025. These meetings focused on curriculum review, incorporation of industry-relevant updates, outcome-based education alignment, and academic reforms in line with NEP guidelines. The Second Half meetings were conducted between 16th October and 6th November 2025, department-wise, ensuring timely academic review and approval of syllabi, assessment patterns, and emerging technological advancements. The CSE (Data Science) and MECH departments concluded their meetings in October, while other departments including ASH, AIML, CIVIL, COMP, IT, EXT C, ECS, MBA, and MCA held their meetings in early November. This structured approach ensured consistency across departments while allowing flexibility for discipline-specific academic needs.

Academic Council (Autonomous)

The Academic Council, the apex academic decision-making body, convened its First Half meeting on 7th May 2025, followed by the Second Half meeting on 12th November 2025. These meetings played a crucial role in ratifying BoS recommendations, approving academic calendars, examination reforms, and policy frameworks, thereby strengthening SJCEM's autonomous academic ecosystem.

Governing Body (Autonomous)

The Governing Body meetings were held on 19th July 2025 (First Half) and 10th December 2025 (Second Half). The council provided strategic direction on institutional development, infrastructure enhancement, faculty empowerment, and long-term academic planning, reinforcing SJCEM's vision for excellence in higher education.

CDC and Governing Council Meetings (2025)

During the academic year 2025, St. John College of Engineering and Management (SJCEM) conducted key statutory and developmental meetings to strengthen institutional governance and academic quality. The College Development Committee (CDC) met on 15th September 2025, following its earlier meeting on 1st April 2025, to review progress on previously approved resolutions. Prior to the meeting, committee members submitted detailed reports, enabling a systematic evaluation of academic, administrative, and infrastructural developments. The discussions emphasized quality enhancement, strategic planning, continuous improvement initiatives, and alignment with the institution's long-term growth objectives. The meeting concluded with focused recommendations aimed at strengthening governance and sustaining academic excellence.

Additionally, the Governing Council of the St. John Technical and Educational Campus, comprising SJCEM, SJIPR, SJCHS, AIM, and ACPR, convened on 12th April 2025. The council deliberated on student progression through placements and higher studies, enhancement of faculty research output, and improvement of institutional perception. Key action points included structured student training in ethics, communication, and technical skills, strengthened industry and alumni engagement, and promotion of research culture. These initiatives reflect the collective commitment towards holistic development and institutional excellence across the campus.

Finance Committee (Autonomous)

Financial planning and oversight were ensured through Finance Committee meetings conducted on 5th May 2025 and 5th November 2025. These meetings focused on budget approvals, optimal resource allocation, financial transparency, and sustainable growth planning in support of academic and administrative objectives.



EVENT REPORTS

St. John College of Engineering and Management (SJCEM) witnessed a spectacular two-day cultural extravaganza, “Prasang 2025”, filled with enthusiasm, energy and excellence. With the charming theme of 80s and 90s Bollywood, the campus was brimming with retro vibes, colorful attire and artistic expression. Students showcased their creativity and talents through an array of competitive and entertaining events, bringing to life the magic of classic Bollywood.

The grand celebration began with a warm inauguration in Quadrangle A led by Mrs. Uttara Dalvi, Mrs. Juily Tarade, and Mr. Sumit Mishra. Student coordinators Mr. Uttarkarsh Patil and Ms. Meghana Kamath welcomed everyone, setting a vibrant tone for the day. A high-energy Flashmob, curated by Ms. Praniti Patil and Ms. Riya Rana, electrified the audience. The college music band then took over with captivating melodies under the guidance of Mr. Sangam Rane. Drawing/Painting & Creativity flowed in the Drawing Hall where students expressed themselves through art, coordinated by Ms. Dipali Tupe.

Meanwhile, adrenaline surged in the SPA Lab during the much-anticipated BGMI tournament. The heart of Western Day was the fiercely contested inter-college singing and dance competitions. Students from across disciplines set the stage ablaze with their vocals and moves, winning hearts and applause. Cultural enthusiasts took part in a variety of activities, including Antakshari, a thought-provoking Debate, beautiful Mehendi designs, and vibrant Rangoli art. The aura of Prasang was captured brilliantly by the Photography and Reels team, while the ever-popular Fish Pond provided laughter and surprises for all. The success of Prasang 2025 owes itself to the meticulous planning and coordination of our enthusiastic faculty and student teams. Under the mentorship of Principal Dr. Kamal Shah, Faculty Coordinator Mr. Sangam Rane, and Student Coordinator Mr. Omkar Shinde, the two-day fest turned out to be a phenomenal celebration of talent and teamwork. Special thanks to all faculty members, event heads, volunteers, and participants who contributed their time and spirit to make this festival memorable. Rewinding to the Rhythms of the Past, Celebrating the Pulse of the Present! Prasang 2024–25 was not just an event — it was a celebration of identity, unity, and timeless art. Here's to the continued legacy of creativity at SJCEM!

ANVESHNAM 2025



The Department of Applied Sciences and Humanities (ASH) proudly organized the 2nd Anveshnam 2025, a National Level Workshop on Research Writing with Advanced Techniques, integrated with an Inter-Collegiate Paper Presentation Competition. Held from 10th to 15th February 2025, this academic endeavor attracted 382 participants, including UG/PG students, research scholars, and faculty members from various institutions across India.

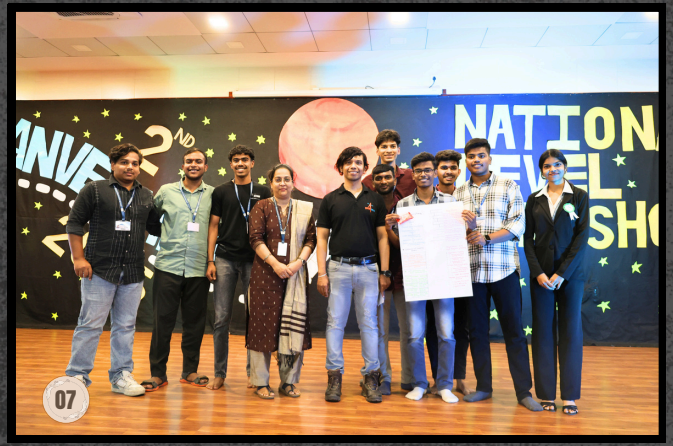


The event began with a brief inauguration ceremony and was followed by student presentations. Anveshnam 2025 proved to be a successful blend of theory, practice, and competition — fostering a research-oriented mindset and empowering participants with the skills necessary for scholarly communication. The day concluded with a Vote of Thanks, recognizing the contributions of the resource person and the organizing committee.











15TH ANNUAL DAY

With great fervor, the 15th Annual Day of St. John Technical and Educational Campus (SJTEC) was celebrated on Friday, 10th January 2025. The event reflected the vibrant spirit, achievements, and cultural wealth of the institutions under the SJTEC banner — SJCEM, SJIPR, SJCHS and AIM. From academic excellence to artistic brilliance, the day was a vivid celebration of all that defines the legacy of St. John.

The celebrations began on a solemn note with the Universal Prayer for Peace, followed by a serene Saraswati Vandana and the lighting of the ceremonial lamp. The soulful chant of "Deepajyothi Parabrahma" created a sacred ambiance, symbolizing the light of knowledge dispelling the darkness of ignorance. A delightful Welcome Dance by SJIPR students set the tone for the event.

The Welcome Address by Mr. Albert W. D'Souza encapsulated the institution's journey and inspired the audience with his visionary message. A graceful introduction of the Chief Guest by Mrs. Elaine D'Souza Buthello followed, leading to an insightful speech by Mr. Ajit Singh, who emphasized the virtues of innovation, resilience, and lifelong learning in an ever- evolving world. The Annual Reports presented by the Principals of all five institutes — SJCEM, SJIPR, SJCHS, AIM, and ACPR — offered a detailed glimpse into academic triumphs, cultural accolades, research initiatives and social outreach programs of the year.





Honouring Excellence: Felicitation and Magazine Release

One of the highlights of the event was the Felicitation Ceremony, where students and faculty were honoured for their exceptional contributions and achievements. SJCEM stood out proudly, bagging a remarkable 570 points — a reflection of its consistent dedication to excellence. The release of the college magazines added another feather in the cap, showcasing the creative and intellectual pursuits of the SJTEC community.

St. John Polytechnic thrilled with Na Gurnai and Koli Geet, echoing Maharashtra's coastal charm. AIM's MMS students mesmerized with a powerful fusion dance. A Hindi skit titled " यूं क हमारेपेश स ख म हो चुके है " delivered humor laced with insight. M. Pharm students stole the show with "Beats of India", a musical dance extravaganza that concluded the evening with colour, rhythm, and patriotism.

Gratitude and Closing Reflections

The event concluded with a heartfelt Vote of Thanks delivered by Dr. Kamal Shah, who acknowledged the tireless efforts of the dignitaries, faculty, student performers, organizing teams, and especially Event Coordinator Mrs. Uttara Dalvi, for orchestrating a flawless celebration.



A Grand Success Rooted in Teamwork and Vision

The 15th Annual Day of SJTEC was not just an event—it was a celebration of vision, values, and vibrance. It marked yet another milestone in the institution's journey, reinforcing its commitment to academic brilliance, cultural pride, and community engagement. As the sun set on this memorable day, the hearts of all present brimmed with pride, gratitude, and renewed inspiration—to dream more, do more, and be more.



Faculty Development Program on Universal Human Values (UHV)

The Department of Electronics and Computer Science (ECS) in collaboration with the Applied Sciences and Humanities (ASH) department at St. John College of Engineering and Management (SJCEM) successfully organized a three-day AICTE-approved Faculty Development Program (FDP) on Universal Human Values (UHV) from 16th to 18th February 2025.



The offline FDP witnessed enthusiastic participation from 42 faculty members across various departments and colleges.

The resource sessions were led by Ms. Aparajita Singh, Resource Person from the AICTE UHV Team and Ms. Purvi Nisar, Observer from the same team.

Engaging activities enriched the discussions on ethical human conduct and societal well-being.



The program began with a warm inauguration and keynote address, setting the tone for three days of introspective learning.

The day focused on exploring concepts of self-exploration, happiness and and prosperity through interactive discussions and reflective exercises.

Sessions emphasized individual harmony and concluded with mindfulness practices to reinforce self-regulation and inner balance. Participants began the day with a sharing session to reflect on their learnings. Sessions delved into trust, mutual respect, and emotional intelligence within personal and societal relationships. Engaging activities like role-plays and case studies enriched the discussions on ethical human conduct and societal well-being.The final day expanded the scope of understanding to harmony with nature and the larger existence. The valedictory session marked the conclusion of the FDP, highlighting key takeaways and encouraging the practical integration of UHV in professional and personal spheres.

MEGALEIO

St. John College of Engineering and Management (SJCEM) successfully hosted Megaleio 2025, a national-level intercollegiate technical fest, embracing the dynamic Minecraft theme that added a visually immersive and futuristic flavor to the two-day event. Held on the 7th and 8th of March 2025, the festival was an amalgamation of technology, creativity, and competition - drawing over 1,200 participants from across India and offering an impressive prize pool of Rs. 3,00,000. The event featured a broad spectrum of technical and gaming challenges designed to ignite minds and test skills.

The entire fest was smoothly conducted with leadership from Mr. Swapnil Malipatil and Mrs. Vishakha Rane, along with the dynamic student coordinators Devang Vartak, Omkar Shinde, and Gracy Yadav.
The event was made possible by dedicated faculty coordinators Prof. Kiran Beldar, Prof. Aishwarya Churi, and Prof. Hiral Patel, with student leads Mr. Vratesh More and Mr. Gaurang Sane.







MEGAHACK

MegaHack 5.0 concluded on a high note, marking another milestone in SJCEM's journey of fostering a culture of innovation and experiential learning. The event's seamless execution was a result of dedicated efforts by the organizing committee, faculty coordinators, student volunteers, and institutional support. We extend heartfelt gratitude to all sponsors, mentors, judges, and participants who made MegaHack 5.0 a grand success. The hackathon served as a dynamic platform to transform creative ideas into real-world solutions, inspiring the next generation of tech innovators.



Celebrating the 13th Annual Graduation Day in 2025



The 13th Graduation Day was held with great fervor at St. John Technical and Educational Campus. The occasion represented a major turning point in the lives of the St. John College of Engineering and Management (SJCEM) and St. John Institute of Pharmacy and Research (SJIPR) graduating class of 2024. With the help of a ceremonial band and student flag bearers, the St. John International School students conducted a grand graduation parade to kick off the event. The crowd stood for the Universal Prayer of Peace and the Saraswati Vandana.



The inspiring speech given by Maharashtra Governor and Chancellor of Public Universities, Shri C.P. Radhakrishnan, during the University of Mumbai Convocation was shown on a unique video presentation. Mr. Albert W. D'Souza, Chairman of the Aldel Education Trust, gave the Welcome Address and praised the staff and students' achievements. The Keynote Speaker, Most Rev. Dr. Gerald John Mathias, encouraged graduates to use their education, morals, and compassion to benefit society. Heartfelt recollections and insights from their academic travels at St. John Campus were shared by Ms. Ashwini Thakur (MMS), Ms. Priyal Bari (SJCEM - Computer Dept), and Ms. Merlin Kennedy (SJIPR) at the ceremony. Everyone in attendance felt proud when the degrees were awarded. The graduates received their diplomas amid cheers and gratitude as faculty members shouted out their names as they crossed the platform.



Following this, the graduates were urged to follow the ideals of honesty, knowledge, and service throughout their professional careers by Mr. Aldridge D'Souza, Member of the Aldel Education Trust, who delivered the Graduation Oath. With a sincere Vote of Thanks, Dr. Savita Tauro, Principal of SJIPR and Deputy Campus Director, wrapped up the event by praising the joint efforts of the organising committee, professors, non-teaching staff and student volunteers.

FAREWELL 2025

A HEARTFELT SEND-OFF TO THE GRADUATING BATCH

SJCEM ✶ FAREWELL ✶ 28 APRIL, 2025



As the academic year drew to a close, St. John College of Engineering and Management (SJCEM), Palghar, bid an emotional and memorable farewell to the Graduating Batch of 2025 on 28th April 2025. Organized by the Student Council, the event brought together students, faculty and staff to celebrate the achievements and journeys of the outgoing batch in an atmosphere filled with nostalgia, pride and good wishes. The event was held in the Main Auditorium and saw the participation of over 320 students and faculty members from various departments. Mr. Sangam Rane, the Activity In-charge, and Ms. Praniti Patil, the Activity Coordinator, along with a dedicated team of student volunteers, meticulously planned and executed the program to ensure it was a fitting tribute to the graduating class.



The objective was to create a warm, respectful, and joyful send-off that acknowledged the contributions of the students and gave them a platform to reflect on their journey. The farewell aimed not just to mark an end, but to celebrate a new beginning filled with aspirations and dreams.

Farewell 2025 succeeded in creating a meaningful and lasting impact. The emotional exchange of memories and gratitude deepened the bond between juniors and seniors and strengthened the SJCEM community spirit. Graduating students left with a sense of fulfillment, motivation, and belonging, ready to embrace the next chapter of their lives. A Note of Thanks We extend our heartfelt gratitude to the Student Council, volunteers, faculty members, and everyone who contributed to making Farewell 2025 a touching and memorable occasion. The event reaffirmed SJCEM's commitment to nurturing not just academic excellence but also emotional growth, lifelong friendships, and a strong alumni bond.

<u>Behind the Scenes: Planning & Execution</u>

The event was the result of weeks of collaborative effort. The planning committee, consisting of faculty and student representatives, focused on every detail—from budgeting and theme design to stage setup, invitations, and promotion. Digital posters, social media announcements and campus group messages were effectively used to build anticipation and ensure maximum participation.

SENIORS SHARED HEARTFELT EXPERIENCES AND NOSTALGIC MOMENTS FROM THEIR TIME , WHILE JUNIORS EXPRESSED THEIR GRATITUDE & BEST WISHES.



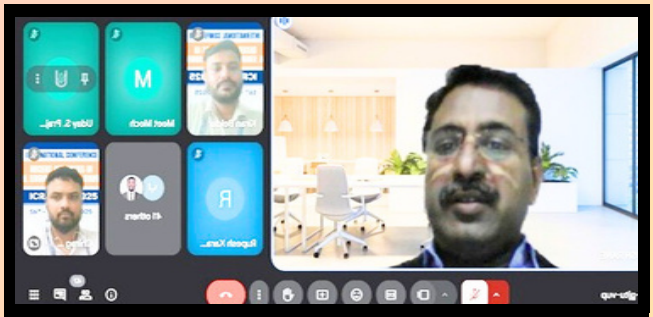
A GLOBAL PLATFORM FOR INNOVATION IN MECHANICAL ENGINEERING & NANOMATERIALS

The Department of Mechanical Engineering at St. John College of Engineering and Management (SJCEM) successfully organized the 5th International Conference on Recent Advances in Mechanical Engineering and Nano-materials (ICRAMEN-2025) on 16th–17th May 2025 in hybrid mode.

The conference witnessed enthusiastic participation, with 82 quality research papers presented by academicians, researchers, industry professionals and students from across the country and abroad.

The inaugural ceremony was graced by Dr. Santosh Rane, SPCE, Mumbai as the Chief Guest. The conference was convened by Dr. Kishor Rambhad and co-convened by Mr. Kiran Beldar who played pivotal roles in the successful execution of the event. A major highlight of ICRAMEN-2025 was the Keynote Address delivered by Dr. S. A. Khan, Professor, International Islamic University Malaysia, Kuala Lumpur. His insightful session offered a global perspective on advancements in mechanical engineering and nano-technology.

The meticulous planning and execution of the event from call for papers and peer review to hybrid sessions and post-event dissemination exemplified academic excellence and organizational efficiency. The conference provided a robust platform for networking, academic dialogue and professional growth. Participants expressed appreciation for the quality of discussions and the opportunity to interact with experts in the field.



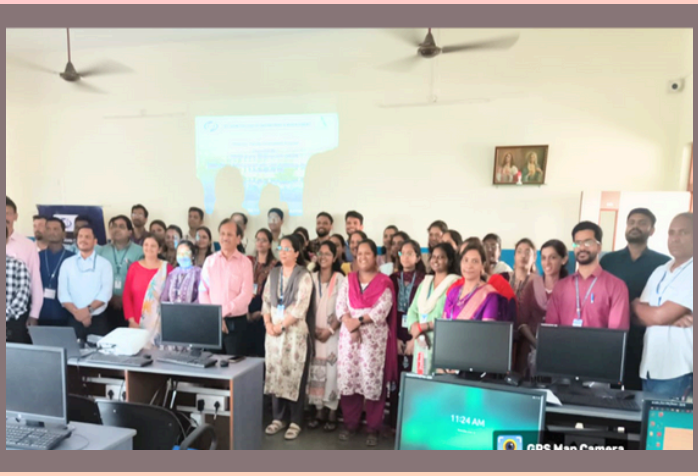


The peer-reviewed papers will be published in the official proceedings, further contributing to the scholarly reputation of SJCEM. ICRAMEN-2025 concluded with a vision to continue fostering innovation and collaboration in future editions. The organizing team expressed heartfelt gratitude to all speakers, reviewers, sponsors, and volunteers whose efforts made the event a resounding success.

A Three-Day Faculty Development Program (FDP) Empowering Educators

The Internal Quality Assurance Cell (IQAC) of St. John College of Engineering and Management (SJCEM) successfully conducted a Three-Day Faculty Development Program (FDP) titled “Smart Assessments with OBE Approach, Project-Based Learning and IPR” from 12th to 14th June 2025, at Lab 1, A Wing, Fourth Floor. The offline workshop saw the participation of over 70 faculty members, with enriching sessions by national-level resource persons. The program featured expert talks, interactive presentations, and hands-on training, allowing participants to engage in real-time practice and reflection. Faculty members gained practical insights into RBT-based question framing, innovation in project-based assessments, and IPR awareness.

The FDP concluded with the feedback by Dr. Eknath Patil and Mrs. Shilpa Katre gave a highly positive note with participants expressing satisfaction and readiness to incorporate modern assessment and research practices into their academic roles. The initiative reflects SJCEM’s commitment to continuous faculty development, academic excellence, and innovation-driven pedagogy.









INTERNATIONAL YOGA DAY



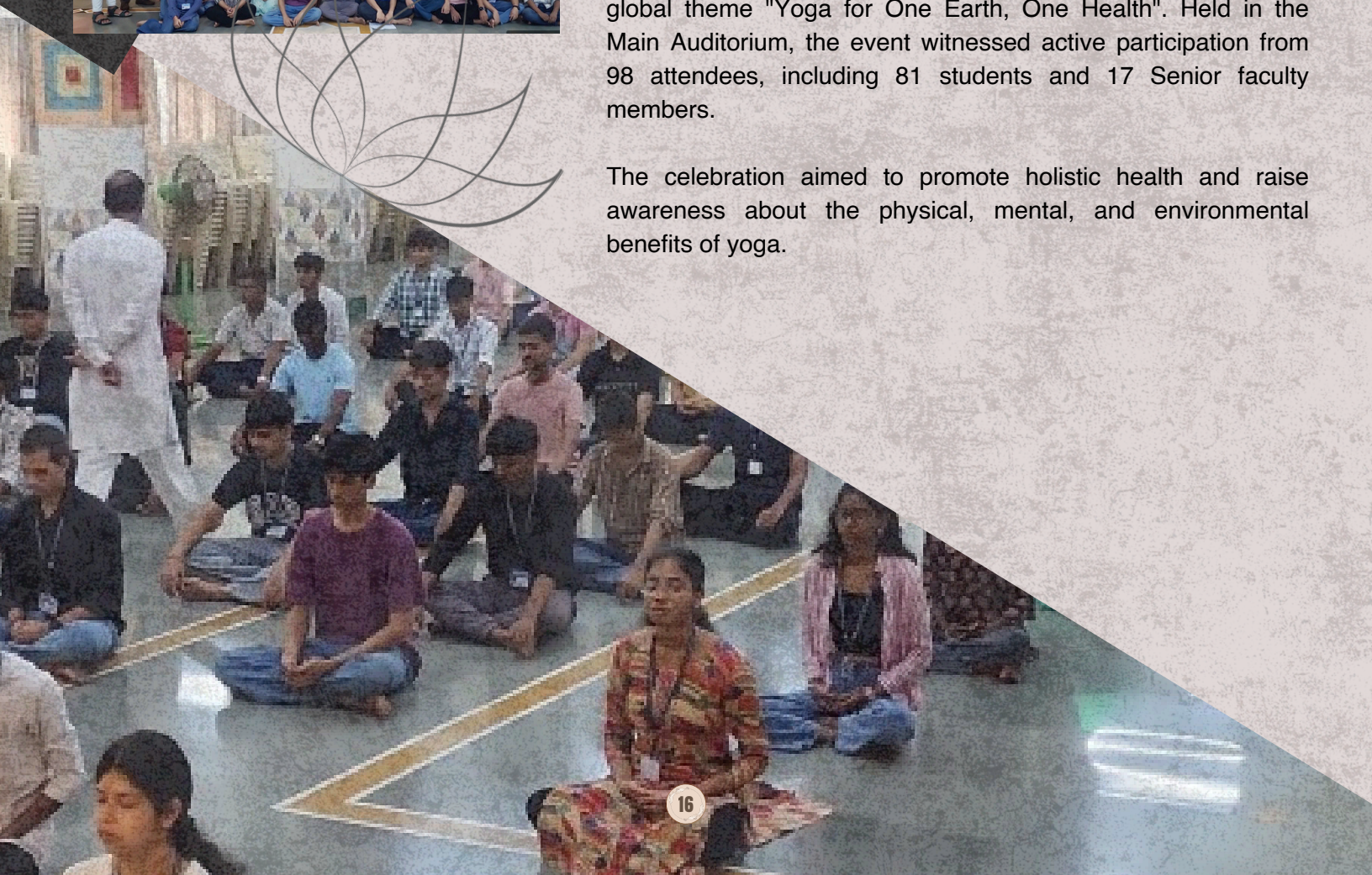






The NSS Cell of St. John College of Engineering and Management (SJCEM) marked the International Day of Yoga on 21st June 2025, with a vibrant offline celebration under the global theme "Yoga for One Earth, One Health". Held in the Main Auditorium, the event witnessed active participation from 98 attendees, including 81 students and 17 Senior faculty members.

The celebration aimed to promote holistic health and raise awareness about the physical, mental, and environmental benefits of yoga.



Independence Day Celebration

St. John College of Engineering and Management (SJCEM), Palghar, celebrated the 79th Independence Day on 15th August 2025 with great pride and patriotic fervor. The programme began with a warm welcome by student anchors Furqan and Dnyaneshwari, followed by an elegant march past and the ceremonial flag hoisting by Chief Guest Sr. Linda Rodrigues.

The National Anthem and the rendition of “Vijayi Vishwa Tiranga Pyara” created an atmosphere of unity and devotion. A series of cultural performances added vibrance to the celebration. a. The event concluded with a heartfelt vote of thanks, acknowledging the contributions of all dignitaries, participants, and organizers who made the celebration memorable.











Teachers' Day Celebration 2025







The Student Council of St. John College of Engineering and Management (SJCEM) organized a vibrant and heartfelt Teachers' Day Celebration 2025 in the Main Auditorium. The program was conducted in the presence of all faculty members and Student Council representatives, bringing together the campus community for an afternoon filled with gratitude, joy, and celebration.

The Vice Principal addressed the gathering, highlighting the legacy and contribution of teachers at SJCEM. Cultural expressions added charm to the celebration—a heartfelt poem recitation, energetic dance performances, and melodious singing by students created an atmosphere of admiration and joy. Interactive games such as the Spot Round, Housie, and Musical Chairs brought lively engagement and laughter, with enthusiastic participation from the teachers. The event gracefully moved towards its conclusion with a sincere Vote of Thanks delivered by Dr. Eknath Patil, appreciating the dedicated efforts of the Student Council and applauding the commitment of all faculty members.

Engineer's Day Celebration 2025

The formal addresses were delivered by key academic leaders of the institute. Dr. Kamal Shah, Principal of SJCEM, extended a motivational welcome address emphasizing the pivotal On 15th September 2025, St. John College of Engineering and Management (SJCEM) marked the occasion of Engineer's Day with a heartfelt celebration in the Main Auditorium. The event, organized by the Student Council and Cultural Team, celebrated the dedication and innovation of engineers shaping a brighter, smarter and sustainable future.

The program commenced promptly at 9:30 a.m. with a warm Welcome Note by the comperes, setting a positive tone for the day. This was followed by a soulful Universal Prayer for Peace and the auspicious Saraswati Vandana accompanied by the ceremonial lighting of the lamp, invoking blessings for knowledge and wisdom.



The Engineer's Day celebration was a thoughtful blend of tradition, inspiration, and engagement, reaffirming SJCEM's commitment to nurturing future engineers who will drive sustainable progress and technological advancement. The event was well-received by all participants, reflecting the spirit of pride and passion within the engineering community at SJCEM.

Student Induction – Orientation Programme

The Student Induction – Orientation Programme for the First Year of Technology students of St. John College of Engineering and Management (SJCEM) for the academic year 2025–26 was conducted on 17th September 2025 with great enthusiasm and purpose. The event aimed at welcoming the new batch of students, acquainting them with the values and culture of the institution, and providing them with a clear roadmap for their academic journey ahead. The programme commenced at 9:30 a.m. with a brief introduction by the comperes, setting a warm and engaging tone for the morning. This was followed by the Universal Prayer for Peace, invoking harmony and positivity as the students embarked on their new educational phase.



As the event drew to a close, Mrs. Dhanashree Pawgi, SIP Co-coordinator, delivered the Vote of Thanks, expressing gratitude to the management, dignitaries, faculty, staff, and students for making the programme a resounding success. The ceremony concluded with the National Anthem, marking a respectful and patriotic end to the session.





World Standards Day Celebration – Mumbai Region

St. John Technical & Educational Campus hosted the World Standards Day Celebration – Mumbai Region on 10th October 2025, organized by the Standards Club, with participation from over 1200 students, faculty, industry professionals, and government officials. Coordinated by Mr. Basavaraj Nyamagoud, the event focused on promoting national and international standards, strengthening BIS–academia collaboration, and supporting SDG 17: Partnerships for the Goals.

Key highlights included a Stakeholders Meet with BIS officials, academicians, and industry experts, and the Manak Carnival featuring industry stalls, BIS lab demonstrations, and student exhibits. A unique Quality Walk helped participants understand standard compliance across campus facilities. The celebration enhanced awareness of quality standards, boosted industry–academia interaction, and motivated students toward innovation and compliance, reinforcing SJTEC's commitment to quality and excellence in technical education.





Glimpses of World Standards Day- BIS













DIWALI CELEBRATION 2025

The St. John campus celebrated Diwali 2025 with great enthusiasm and cultural vibrance. The program began with a warm welcome by Dr. Eknath Patil and Mrs. Maya Patil, followed by the traditional Deep Prajwalan ceremony led by the dignitaries of Aldel Education Trust, the Campus Advisor, Principals, and HoDs.

The message segment commenced with an inspiring address by Mr. Albert D'Souza, Chairman, whose words illuminated the path ahead with wisdom and motivation. This was followed by a thoughtful and energizing message from Dr. Suhas Pednekar, the Campus Advisor and former Vice-Chancellor of Mumbai University. His reflections on the spirit of Diwali resonated deeply with the audience. The final message in this segment was delivered by Dr. Kamal Shah, Principal of SJCEM, who extended warm festive greetings and highlighted the importance of harmony and collective progress.

The cultural extravaganza unfolded with a spirited performance by the staff of SJIPR, whose act added rhythmic vibrancy to the afternoon. This was followed by an energetic dance presentation by SJJC, compered by Mr. Vaibhav Somanna, which captivated the audience with its flawless choreography and youthful enthusiasm. Continuing the creative momentum, SJCEM Staff members presented a Fashion Show with Dance, merging tradition with contemporary flair. The showcase was a dazzling blend of elegance, confidence, and festive charm, leaving the audience thoroughly impressed.

To add a fun and interactive twist, an engaging round of Tambola Housie was conducted by Vaibhav, keeping the audience lively and entertained. The excitement of the game brought laughter and anticipation, concluding with cheerful congratulations to all the winners.

The celebration concluded with the National Anthem and a Vote of Thanks by Mr. Pankaj Patil, acknowledging everyone's efforts in making the celebration a success. Overall, the Diwali Celebration 2025 was a joyful blend of tradition, talent, and togetherness, spreading festive cheer across the St. John Technical & Educational Campus.

Glimpses of Diwali Celebration









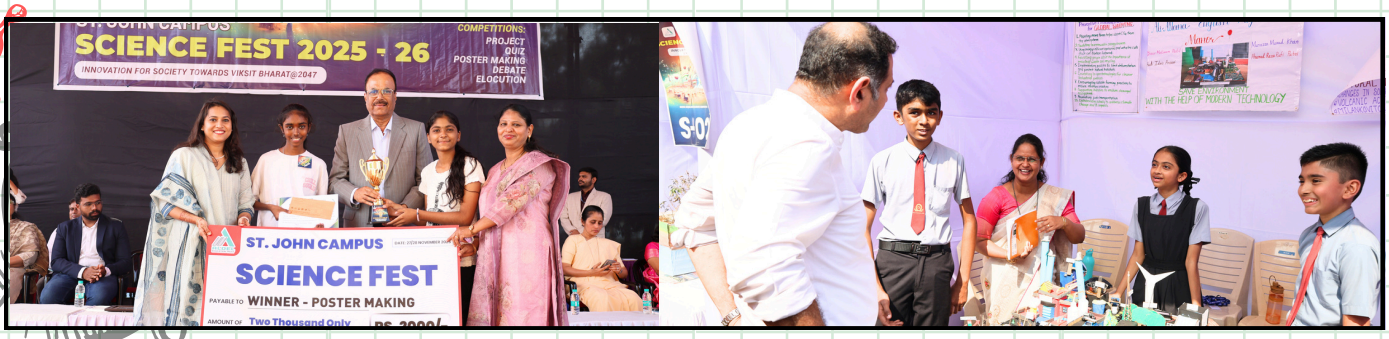
SCIENCE FEST

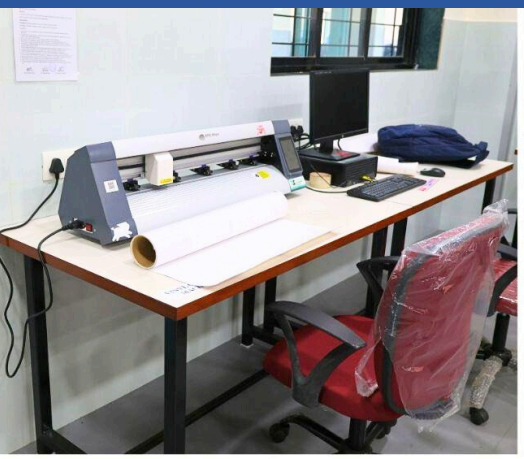
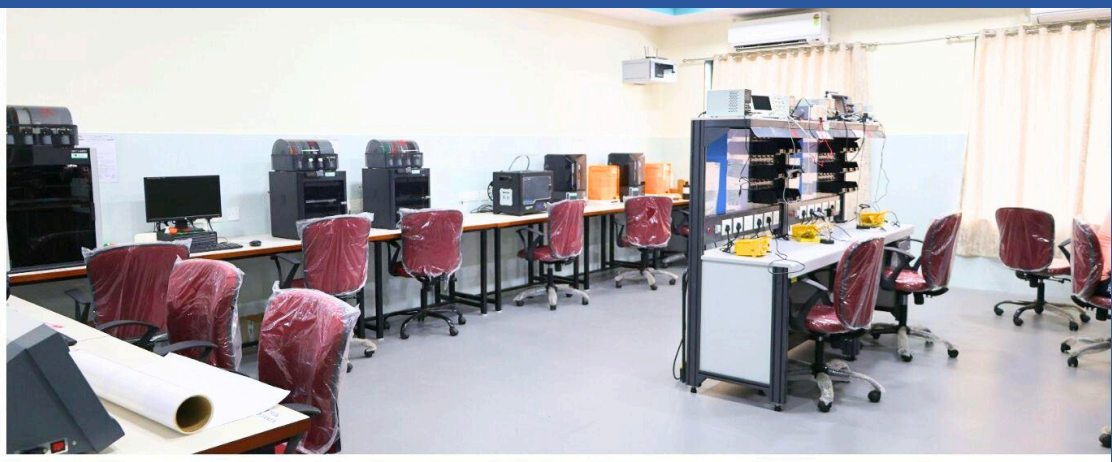
St. John Technical and Educational Campus (SJCEM), Palghar, successfully hosted Science Fest 2025–26 on 27th-28th November 2025, with the objective of promoting scientific thinking and innovation among students. The fest saw participation from 456 students representing 28 schools and 7 junior colleges, along with visitors from 35 schools. Five competitions—Project Exhibition, Debate, Elocution, Quiz, and Poster Making—were conducted, with 50 innovative projects showcased on the theme "Viksit Bharat @2047."

The event was inaugurated by Mr. N. K. Roy, Superintendent, TAPS, in the presence of distinguished guests. Winning projects included Piezoelectric Energy Harvesting, Sanitary Pads from Sugarcane Bagasse, and Grain ATM, while several others on energy, desalination, and tribal empowerment drew attention. Expert sessions and an AICTE IDEA Lab tour added practical exposure. The valedictory ceremony featured eminent guests who praised the students' creativity and efforts. Science Fest 2025–26 emerged as a major success, reaffirming SJCEM's commitment to fostering innovation and scientific temperament.

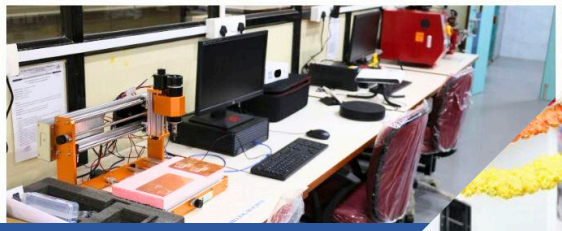









PALGHAR'S FIRST AICTE IDEALAB

St. John College of Engineering and Management (SJCEM), Palghar, inaugurated the district's first AICTE IDEALab on 5th December, marking a major step toward fostering innovation and experiential learning. The lab was inaugurated by Mr. Vincent Mathais, blessed by Rev. Fr. Elvis Rodrigues, and attended by Chairman Mr. Albert D'Souza, management members, Principal Dr. Kamal Shah, HoDs, and SJTEC faculty.

Established with a funding model of ₹30 lakh each from AICTE, SJCEM, and the Velvin Group of Industries, the ₹90-lakh facility spans 6000 sq. ft. and is equipped with cutting-edge fabrication and prototyping tools such as laser cutters, CNC routers, FDM and SLA 3D printers, vinyl cutters, mini lathe–milling machines, PCB milling equipment 3D scanners, and mixed signal oscilloscopes.

As the first AICTE IDEA Lab in Palghar, this initiative aims to boost creativity, technical skills, and industry–academia collaboration, empowering students to transform ideas into real-world innovations.




WINTER WONDERLAND

St. John International School was the venue for the celebration the joy of the festive season with its Winter Wonderland Celebration on 19th December 2025 at the SJIS Quadrangle. The evening was filled with warmth, cheer and a strong message of peace and togetherness. The program began at 4.45 p.m. with a welcoming address by the comperes, followed by a Universal Prayer for Peace, setting a serene and meaningful tone for the event.

The celebration continued with a heartfelt Christmas message by Sr. Veena Monteiro, Principal, SJIS, who encouraged students to spread kindness and joy in their everyday lives. Students from the various Institutes of the Campus put up multiple breath-taking performances to spread the joy and cheer of the Festive season







CHRISTMAS CELEBRATION

SJCEM celebrated Christmas 2025 with great enthusiasm and festive spirit on Monday, 22nd December 2025, in the Main Auditorium. The celebration brought together staff members from all Institutes, fostering a sense of togetherness, gratitude, and joy. The programme was conducted in three vibrant segments. The Inter-Institute Best Crib Competition added a traditional and spiritual charm to the campus, with beautifully crafted cribs displayed at the entrances of respective institute buildings. An evaluation team visited all the crib, and the most creative and meaningful crib was awarded during the programme. The second segment featured Inter-Institute Performances, where staff members showcased their talents through soulful singing, energetic dances, skits, and other creative acts. The performances reflected the joy of the season and highlighted the hidden talents within the St. John family.

The celebration concluded with an engaging session of Tambola (Housie), which was enjoyed by all staff members. Exciting prizes and cheerful participation added to the festive mood. Overall, the Christmas Celebration 2025 was a memorable event that strengthened bonds, celebrated creativity, and spread the true spirit of Christmas across the campus.The Staff enjoyed the various Festive Snacks at the end of the programme.







Student Achievements

CIVIL ENGINEERING

Rank	S. TECH	T. TECH	B. TECH
1	Musle Bajrang Parmeshwar Radhika 8.91	Kamath Meghana Vinayak Vinita 9.82	More Janhavi Vijay Kavita 9.33
2	Kadu Ruti Jayant Amisha 8.78	Shaikh Zaid Ejaz Shaista 8.51	Sankhe Om Roshan Richa 8.51
3	Patil Jeet Vijay Bhavana 8.45	Thakor Parikshit Prasanna Kalpana 8.35	Tamore Urvi Dipak Swati 8.33

COMPUTER SCIENCE ENGINEERING

Rank	S. TECH	T. TECH	B. TECH
1	Rai Sejal Manoj Ragini 9.91	Panda Nisharani Shivram Savitri 10	Singh Akhilkumar Phoolbabu Kishori 10
2	Chauhan Kiran Baburam Dularidevi 9.86	Bari Aayush Mahesh Bhavna 10	Rana Mahima Paresh Urmila 10
3	Raut Srushti Amulkumar Anuja 9.86	Gharat Pratiksha Rajesh Rajeshree 10	Patil Jay Mangesh Yogita 9.95

MECHANICAL ENGINEERING

Rank	S. TECH	T. TECH	B. TECH
1	Patil Paras Kamlesh Rupali 9.68	Khadkya Rakesh Barkya Saku 9.29	Vora Manoj Gokullal Madhu 9.27
2	Sahoo Vikram Jayanta Jayanti 9.66	Nagavasi Ashwin Lallu Pramila 9.2	Bhoir Mitrank Gajanan Kavita 8.43
3	More KrunRajeshrial Mahesh 9.57	Patil Darpan Dinesh Devyani 9.1	Singh Anurag Anupkumar Nilu 8.35

IT ENGINEERING

Rank	S. TECH	T. TECH	B. TECH
1	Patil Prasad Anil Sangita 9.82	LalitaJha Prabhat Dilip 9.76	Machhi Manaswa Punil Tina 9.43
2	Fernandes Janelle Joseph Janet 9.59	Gharat Devika Dhananjay Dhanashree 9.72	Mali Nikhil Mahendra Mitali 8.93
3	Patil Vedija Milind Manaswi 9.46	Patil Tanmay Manohar Geetanjali 9.52	Pandey Aditya Rakesh Hema 8.75

CSE (DATA SCIENCE) ENGINEERING

Rank	S. TECH	T. TECH
1	Neha Shukla 10	Mishra Shreya 9.73
2	Prem Kakade 9.91	Raut Rudra 9.66
3	Atharva Mogre 9.73	Sawant Parth 9.62

ECS ENGINEERING

Rank	S. TECH	T. TECH
1	Bag Mariyam Balas Balamati 10	Khodbe Tushar Eknath Mukta 9.69
2	Devanshi Manish Babulal Sagi 10	Pathak Sanseev Sanjay Poonam 9.53
3	Goswami Nileshpuri IndrapuriSohanidevi 9.98	Patil Pranjal Kantilal Sangita 9.48

Student Achievements

AIML ENGINEERING

Rank	S. TECH	T. TECH	B. TECH
1	Sarmalkar Sahil Pundalik Pooja 10	Shetty Gagan Santhosh Diya 9.58	Singh Rimi Umesh Geeta 9.52
2	**Roychowdhury Shreshtha Sulal Chhanda** **9.98**	Patil Prathamesh Bhagwan Bhakti 9.58	Gupta Kanhaiyalal Pramodkumar Pushpadevi 9.14
3	Rahi Ripinjal Jonil Manisha 9.98	Sabat Tulashi Gaurishankar Saraswati 9.51	Surati Tanishq Mahesh Darpana 9.09

FIRST YEAR ENGINEERING

Rank	F. TECH
1	Rai Jyotiransh Avinash Renu 10
2	Jain Vidhi Naresh Sangeeta 9.98
3	Asar Sadaf Shakeel Sumaiya 9.96

IT (DIPLOMA IN ENGINEERING)

Rank	FY
1	Mr. Suchit Prashant Gandhe 85.53%
2	Ms. Krisha Kiran Patel 83.65%
3	Mr. Rajesh Bishnupada Das 83.41%

COMPUTER DEPARTMENT (DIPLOMA IN ENGINEERING)

Rank	FY	SY	TY
1	Ms. Subhra Gharat 88.94%	Ms. Diya Patil 88.24%	Mr. Pranjal Save 94.12%
2	Ms. Khushi Pawar 88.12%	Ms. Tanvi Turwatkar 84.59%	Ms. Kadambari Ganre 92.47%
3	Mr. Nachiket Thakor 86.35%	Ms. Swara Gandhe 84.12%	Mr. Sarvesh Shailesh Dixit 91.41% Mr. Prachit Ninad Save 91.41

CIVIL DEPARTMENT (DIPLOMA IN ENGINEERING)

Rank	FY	SY	TY
1	Ms. Kunjal Prajapati 90.78%	Mr. Saish Arvind Koyande 79.11%	Mr. Ashutosh Satvi 85.37%
2	Mr. Adi Anand Shaparia 82.56%	Ms. Yash Rajendra More 75%	Ms. Nandini Bhanushali 79.79%
3	Mr. Kumar Uday Mane 80.78%	Ms. Sara Sankhe 73.89%	Mr. Utkarsh Nibhash Patil 79.21%

MECHANICAL DEPARTMENT (DIPLOMA IN ENGINEERING)

Rank	FY	SY	TY
1	Mr. Sarvesh Namdeo 83.44%	Mr. Vedant Anil Marathe 85.87%	Mr. Gopinath Adhidravid 84.44%
2	Mr. Shivam Chavan 78.89%	Mr. Smit Bharat Kadu 85.33%	Mr. Luvkush Ramji Gupta 81.33%
3	Mr. Mithil Rakesh Kurle 78.12%	Mr. Aaryan Patil 77.78%	Mr. Harsh Pramod Khedekar 80.11%

Student Achievements

Mr. Vaibhav Somanna (CSE - DATA SCIENCE) represented SJCEM and Palghar district at the District Level Viksit Bharat Youth Parliament held at HSNC University. He delivered an impactful speech on “One Nation, One Election,” demonstrating strong clarity, confidence, and public-speaking skills, reflecting leadership potential and active youth participation in national dialogue.





He also secured 2nd Rank and won the Silver Medal at the DLLE Udaan Fest Elocution Competition organized by the University of Mumbai in January 2025. His confident delivery, effective communication, and clarity of expression earned him well-deserved recognition and appreciation at the university level.

A student team from SJCEM secured 1st Place at the District-Level Swachh Bharat Abhiyaan Science Project Competition in Palghar. Their innovative “Plastic Incineration Project Addressing Pollution” impressed judges for its practical impact. Team members Vaibhav Somanna, Aditya Singh, Vidhi Jain, Rhutvi Patil, Pragati Yadav, and Kartik Pimple were felicitated by the Principal and Nagar Parishad officials.





TantraFiesta 2025, held on 10th–11th October 2025, witnessed an impressive performance by DRobotics SJCEM members, who secured 3rd place by completing the track in 97 seconds and 5th place in 81 seconds. Additionally, students of the DRobotics SJCEM Club achieved a remarkable 10th global rank in the Line Following Robot category at the Robotex International Competition in Tallinn, Estonia, held on 5th and 6th December 2025, bringing pride to SJCEM, Palghar.

DRobotics SJCEM won the 1st and 3rd Place for Line Follower event at Robotex India National Championship 2025, held at MIT-ADT University, Loni Kalbhor, Pune.





Students of Final Year Computer Engineering, participated and won as Winners in SIH 2025, at Bathinda Punjab on 8th - 9th November 2025.



Team Falcon from SJCEM proudly secured AIR 10 at the GKDC 2025 Go-Kart Design Competition. Achieving 1st place in the Mumbai region and 2nd in Maharashtra, the team showcased exceptional engineering and racing excellence. A remarkable milestone in innovation, teamwork, and performance.





SJCEM's Drobotics Club Shines at Robotex International 2025, Estonia

Students from the DROBOTICS Club of SJCEM, Palghar, achieved a proud milestone at the prestigious Robotex International Competition held in Tallinn, Estonia, on 5th and 6th December 2025. Representing the Institute were students Deep Kale, Maan Surti, and Ayush Pimple, guided by faculty mentor Ms. Joslyn Gracias.

Competing among 67 teams from 58 countries, the SJCEM team secured an impressive 10th Global Rank in the Line Follower Robot Challenge, showcasing their technical excellence, creativity, and competitive spirit on an international platform



Team TECH CARVAAN 2025: Winners of the First Prize in DRONATHON 2.0 held at Govt. College of Engg. Jalgaon



2nd Prize in Short Film Making

58th Inter-Collegiate/Institute Youth Festival for A.Y 2025-26

Organized by University of Mumbai

SJCEM WINS “BEST PRODUCTION” AT THE 52ND ICDC THEATRE FESTIVAL – A HISTORIC FIRST FOR PALGHAR DISTRICT



St. John College of Engineering and Management (SJCEM) created history on 18th September 2025 by becoming the first college from Palghar District and the first Engineering College ever to win the prestigious “Best Production Award” at the 52nd ICDC Theatre Event, organized by the Indian People’s Theatre Association (IPTA). The college’s powerful production, “Chenab Se Raavi Tak”, stood out among entries from renowned institutions such as DG Ruparel, NM, Mithibai, and over 20 other competing colleges.

These achievements mark a landmark moment for the St. John Group of Institutions. Competing against leading colleges across Mumbai, the teams showcased extraordinary creativity, discipline, and artistic excellence. This victory sets a new benchmark for cultural excellence at SJCEM and motivates students to continue exploring their artistic capabilities.







Student Achievements



We are delighted to share that Mr. Meet Gupta (B.E. AIML) secured the Silver Medal in Hammer Throw at the University of Mumbai – Mumbai City, Suburban & Thane Zone Athletics Championship 2025-26, held at the University Sports Pavilion, Marine Lines, Mumbai. Meet has been consistently winning medals at the University level for the past three years, bringing immense pride and recognition to our college. Congratulations to Meet for this outstanding achievement!

We are delighted to share that Ms. Sharvi Raul (S.Tech. CSDS) was selected for the Mumbai University Team to participate in the Interzonal Volleyball Tournament, where she will proudly represent the University of Mumbai Girls Team. Sharvi's consistent performance, dedication, and team spirit have earned her this well-deserved opportunity, bringing immense pride and recognition to our college! Congratulations to Sharvi for this remarkable achievement!





We are thrilled to share that Ms. Gargi Patil (B.E. IT) secured 1st place in High Jump, 2nd in High Jump at Zonals and 3rd place in Hurdles at the University of Mumbai – Mumbai City, Suburban & Thane Zone Athletics Championship 2025-26, held at the University Sports Pavilion, Marine Lines, Mumbai. Congratulations to Gargi for her remarkable achievement!

We are delighted to share that Mr. Dishant Patel (T.E. – Computer) has secured the Gold Medal in the Senior Men's Fighting (Kyorugi) category at the 4th Palghar District Senior Selection Trials Championship 2025-26! This prestigious event serves as the primary selection trial for the upcoming State-Level Championship, and by securing 1st place in the 68 kg weight division, Dishant has earned the honor of representing Palghar District at the State Level. Congratulations to Dishant for this outstanding achievement!



Faculty Achievements



AICTE-QIP-PG Certificate Programme In Artificial Intelligence From IIIT Vadodara.



AICTE-QIP-PG Certificate Programme In Artificial Intelligence From IIIT Vadodara.



Mr. Chirag Kedar Kale, PhD Scholar and Assistant Professor at SJCEM, Palghar, won 1st Rank (Gold Medal) at the 20th Avishkar Research Convention 2025 organized by the University of Mumbai. He was awarded for his project on a portable biogas system for household waste management, highlighting sustainable and innovative engineering solutions. He will now represent the University of Mumbai at the State-Level Avishkar Convention.



Dr. Juily Tarade obtained her
Ph.D. in Engineering
Title: Characterization of Microstrip Patch Antenna for Biomedical Application-Endoscopy
Research Domain: Electronics and Telecommunication Engineering
Sub Domain: Antenna and Microwave
Research Centre: Dr. D. Y. Patil, Ramrao Adik Institute of Technology, Navi Mumbai.

Sr. No.	Title of Publication	Researcher / Author Name	Journal / Conference / Organisation
1	Exploring the evolution and impact of automatic feeding mechanisms in sheet metal processing: From manual labor to automation. AIP Conf. Proc. 31st January 2025; 3255 (1): 040002.	Dr. Kishor Rambhad	AIP Proceeding
2	Investigations in effect of various alloy metal concentration in aluminum alloys on mechanical properties manufactured by automated direct chill casting process. AIP Conf. Proc. 31s January 2025; 3255 (1): 040001	Dr. Kishor Rambhad	AIP Proceeding
3	IOT based Multipurpose Agricultural Machine for Chilli Farming	Dr. Kishor Rambhad, Mr. Kiran Beldar, Mr. Chirag Kale, Mr. Sagar Patil	Design Patent granted by IPO
4	Design Application Status Portable desalination unit for portable water generation	Dr. Kishor Rambhad	Design Patent Filed with IPO
5	Comparative study of CFD simulation of flow boiling in heated pipe and subchannel of Nuclear reactor in the 5th International Conference on Recent Advances in Mechanical Engineering and Nanomaterials (ICRAMEN 2025)	Dr. Kishor Rambhad Mr. Chirag Kale Mr. Sagar Patil Mr. Uday Prajapati Mr. Sangam Rane Mr. Vivek Narnaware	5th International Conference on Recent Advances in Mechanical Engineering and Nanomaterials (ICRAMEN 2025)
6	Design & fabrication of steering system for Go-Kart in the 5th International Conference on Recent Advances in Mechanical Engineering and Nanomaterials (ICRAMEN 2025)	Dr. Kishor Rambhad Mr. Mitrank G. Bhoir, Mr. Jaynish S. Mere, Mr. Dhruv J. Lade Mr. Sahil Kachare	5th International Conference on Recent Advances in Mechanical Engineering and Nanomaterials (ICRAMEN 2025)
7	Design and fabrication of multipurpose agricultural machine, in the 5th International Conference on Recent Advances in Mechanical Engineering and Nanomaterials (ICRAMEN 2025)	Dr. Kishor Rambhad	5th International Conference on Recent Advances in Mechanical Engineering and Nanomaterials (ICRAMEN 2025)
8	Design & Analysis of Go-Kart Chassis, 5th International Conference on Recent Advances in Mechanical Engineering and Nanomaterials (ICRAMEN 2025)	Mr. Kiran Beldar, Mr. Akshay Mali, Chetan Kudmate, Anurag Singh , Riddhesh Gharat	5th International Conference on Recent Advances in Mechanical Engineering and Nanomaterials (ICRAMEN 2025)

9	Dimensional Optimization of the Receiver Pipe in a Parabolic Trough Collector with Integrated Thermal Storage Using CFD and the Taguchi Method, 5th International Conference on Recent Advances in Mechanical Engineering and Nanomaterials (ICRAMEN 2025)	Mr. Kiran Beldar, Dr. Rajesh Kale	5th International Conference on Recent Advances in Mechanical Engineering and Nanomaterials (ICRAMEN 2025)
10	Experimental study of solar parabolic trough collector by varying heat Transfer fluid, 5th International Conference on Recent Advances in Mechanical Engineering and Nanomaterials (ICRAMEN 2025)	Mr. Kiran Beldar Dr. Rajesh Kale Mr. Omkar Gharat Mr. Gaurang Jadhav, Mr. Sahil Jadhav Mr. Manthan Patil	5th International Conference on Recent Advances in Mechanical Engineering and Nanomaterials (ICRAMEN 2025)
11	Design and fabrication of Power Transmission system (Go-Kart), 5th International Conference on Recent Advances in Mechanical Engineering and Nanomaterials ICRAMEN 2025	Mr. Sangam Rane, Mr. Shivam Vishwakarma, Ms. Aishwarya Pendhari, Mr. Sahil Singh, Mr. Nimesh Tare	5th International Conference on Recent Advances in Mechanical Engineering and Nanomaterials (ICRAMEN 2025)
12	Design & Fabrication of path tracking automated waste management system, 5th International Conference on Recent Advances in Mechanical Engineering and Nanomaterials, ICRAMEN 2025.	Mr. Uday Prajapati, Mr. Tejas Jadhav, Mr. Ameya Patil, Mr. Manas Dhanmeher, Mr. Bharat Zalake	5th International Conference on Recent Advances in Mechanical Engineering and Nanomaterials (ICRAMEN 2025)
13	Design and fabrication of Manual Roller Bending Machine, 5th International Conference on Recent Advances in Mechanical Engineering and Nanomaterials ICRAMEN 2025.	Dr. Kishor Rambhad Mr. Sagar R. Patil Mr. Yash Mhadye, Mr. Suraj Sharma, Mr. Vikrant Pagi, Mr. Akash Pandey	5th International Conference on Recent Advances in Mechanical Engineering and Nanomaterials (ICRAMEN 2025)

FACULTY INTERVIEW

1. Which book, film, or idea has influenced your approach to teaching or life the most?

According to me every book and film tells us how small, consistent changes lead to remarkable growth. Still, I can suggest “Atomic Habits” for students to read once in their life.

2. If you could collaborate with any expert or institution in the world, who would it be and what project would you pursue?

According to me every book and film tells us how small, consistent changes lead to remarkable growth. Still, I can suggest “Atomic Habits” for students to read once in their life. Collaboration with any expert or institution in the world would be great for me to work with but I believe every individual is unique in the world and needs to develop innovative educational tools that make complex concepts easier to understand.

3. Students often inspire teachers. What is something you recently learned from your students?

My students recently reminded me how adaptability and creativity thrive when we embrace new technologies with an open mind.

4. What message of wisdom, motivation, or encouragement would you like to share with the upcoming batch of engineers?

Believe in your potential, stay curious, and never stop learning—engineers are the problem-solvers of the future, and your journey has just begun.



5. How would you describe your teaching journey at SJCEM in one meaningful sentence?

My journey at SJCEM has been a continuous blend of learning, growth, and inspiring moments shared with students.

6. What is the one belief or principle that anchors your classroom teaching?

I strongly believe that every student can excel when guided with clarity, patience, and real-world relevance.

7. Which moment in your teaching career still brings a smile whenever you recall it?

One of the most rewarding moments in my teaching journey was seeing my students successfully start their own startup.

8. If you could redesign one aspect of the education system to better support students, what would it be and why?

I would integrate more hands-on, project-based learning because it enhances understanding, encourages curiosity, and prepares students for practical challenges.

9. What unique element do you think you bring to your classroom that students truly values?

I bring a personalized teaching approach where every student feels heard, supported, and encouraged to think independently.

10. How do you keep yourself motivated and inspired during challenging academic periods?

I stay motivated by reminding myself of the positive impact education creates and by drawing inspiration from students’ progress and enthusiasm.

11. What is one lesson you hope every student remembers long after they leave your class?

I hope students remember that consistent effort and a positive mindset can overcome even the toughest challenges.

MRS. TANVI PATIL
IT FACULTY

FACULTY INTERVIEW

1. How would you describe your teaching journey at SJCEM ?

SJCEM is to be an excellent place to work, with a healthy environment that supports growth and collaboration with professional, supportive and conducive to both teaching and learning. My teaching journey at SJCEM has been a fulfilling blend of shaping strong engineering fundamentals, nurturing innovation, and watching students grow into confident problem-solvers ready for the industry.

2. What is the one belief or principle that anchors your classroom teaching?

I prefer teaching by giving real life examples for better understanding. In Computer Engineering, technology changes quickly, but one principle anchors my teaching: focus on building strong fundamentals while encouraging students to think like problem-solvers.

3. Which moment in your teaching career still brings a smile whenever you recall it?

Once a quiet student confidently configured a challenging network simulation for the first time. Watching their excitement and the class celebrating the achievement reminds me of the collaborative spirit and transformative learning that define our department. Moments like these continue to inspire my work every day.

4. If you could redesign one aspect of the education system to better support students, what would it be and why?

If I could redesign one aspect of the education system, I would create a more flexible, project-driven curriculum that allows students to learn by building, experimenting, and solving real problems.

5. If you could collaborate with any expert or institution in the world, who would it be and what project would you pursue?

I would collaborate with IIT Mumbai, to develop AI-driven, energy-efficient computing systems, combining cutting-edge research with real-world impact while inspiring students to innovate globally.

6. What unique element do you think you bring to your classroom that students truly values?

One unique element I bring to my classroom is the ability to connect complex technical concepts with real-life engineering applications in a way that feels practical, achievable, and relevant to students' future careers.

7. How do you keep yourself motivated and inspired during challenging academic periods ?

I stay motivated during challenging academic periods by reminding myself of the larger purpose of education shaping capable, confident engineers who can contribute meaningfully to society.

8. What is one lesson you hope every student remembers long after they leave your class ?

Strong fundamentals and a curious mind will always open doors as technologies may change, but your ability to think, learn, and solve problems will define your success.

9. Which book, film, or idea has influenced your approach to teaching or life the most?

A film that has influenced my approach to teaching is The Social Network, as it reminds me how curiosity, coding skills, and bold ideas can grow into something transformative inspiring me to encourage students to innovate and think beyond the classroom.



DR. SUNNY SALL
HoD, COMPS

STAFF INTERVIEW

1. Please introduce yourself and describe your role at SJCEM.

Randip Rajanikant Parekh, Sr. Office Executive

2. How long have you been associated with the institution, and how has your journey evolved over the years?

I've been associated with this organization for over Nine years, and it has been a period of continuous growth and learning for me. Over time, as I gained experience and a deeper understanding of our operational needs, my role expanded into handling more complex responsibilities.

3. What part of your daily work gives you the most satisfaction or pride?

One part of my daily work that gives me the most satisfaction is ensuring that everything in the office runs smoothly and efficiently. I take pride in being the person colleagues rely on
when they need information, support, or quick solutions to unexpected issues.

4. What values or principles guide you in delivering your responsibilities at SJCEM?

The values that guide me in delivering my responsibilities at SJCEM are integrity, accountability, and service-oriented professionalism. I believe in being honest and transparent in all my interactions, whether I'm handling documentation, coordinating with departments or staff.



RANDIP RAJANIKANT
SR. OFFICE EXECUTIVE

8. How do you maintain harmony and coordination while working with students, faculty, and administration?

I believe harmony and coordination come from clear communication, mutual respect, and a calm, solution-oriented mindset. While working, I make sure to listen carefully to their needs, understand their priorities, and address concerns promptly.

9. What is the biggest challenge you face in your role, and how do you handle it effectively?

One of the biggest challenges I face in my role is managing multiple tasks and requests that come in simultaneously from students, faculty, and administrators. To handle this effectively, I rely on prioritization, organization, and clear communication. I start by assessing which tasks are time-sensitive and which can be scheduled. I use digital tools and checklists to stay on track and ensure nothing is overlooked.

7. What skills or qualities do you think are must-haves for someone working in non-teaching roles in a college environment?

In a college environment, non-teaching staff play a crucial role in keeping the institution running smoothly. Firstly, strong communication skills are a must. We interact with students, faculty, parents and administrative teams every day, so being clear, patient, and approachable helps avoid confusion and builds trust.

8. In your opinion, what makes SJCEM a unique and special workplace?

In my opinion, what makes SJCEM a unique and special workplace is the strong sense of community and purpose that everyone shares. Whether it's faculty, students, or administrative staff, each person genuinely works toward creating a supportive and growth-oriented environment.

9. What is one positive change or improvement you have seen in the college over the years?

One positive change I've observed over the years at SJCEM is the significant improvement in the use of technology and digital systems to streamline administrative and academic processes.

10. What message would you like to convey to students through the Annual Magazine?

To the students of SJCEM, I would like to convey a message of dedication, curiosity, and balance. College life is not just about academics—it's also about discovering your strengths, exploring new opportunities, and building meaningful relationships.

STAFF INTERVIEW

1. Please introduce yourself and describe your role at SJCEM.

My name is Mrs. Shwetali Kapil Chaudhari, and I am currently working as Assistant System Analyst at SJCEM. My role involves supporting day-to-day operations regarding MIS, assisting students and faculty, and ensuring that academic and administrative processes run smoothly.

2. How long have you been associated with the institution, and how has your journey evolved over the years?

I have been a part of SJCEM for the past 15+ years, and this journey has been both enriching and memorable. Over the years, I have learned new skills, taken up more responsibilities, and grown personally and professionally with the institution.

3.What part of your daily work gives you the most satisfaction or pride?

I feel the greatest satisfaction when I am able to help students or colleagues solve a problem. Knowing that my efforts make someone's day easier or contribute to the smooth functioning of the college gives me real pride.

4. What values or principles guide you in delivering your responsibilities at SJCEM?

I believe in discipline, sincerity, teamwork, and respect for everyone. These principles help me stay committed to my duties and maintain a positive environment at work.

5. Can you describe a memorable incident or experience that stays close to your heart?

One moment I cherish is when students approached me just to say "Thank you" for helping them during a difficult situation. Their appreciation reminded me that even small actions can make a big difference in someone's academic journey.

6. How do you maintain harmony and coordination while working with students, faculty, and administration ?

I always try to communicate clearly, listen patiently, and stay approachable. Understanding each person's needs and maintaining mutual respect helps in creating a harmonious and coordinated working atmosphere.

7. What is the biggest challenge you face in your role, and how do you handle it effectively?

The biggest challenge is managing multiple tasks during peak academic periods. I handle it by staying organized, planning ahead, and keeping a calm and positive attitude even under pressure.

8. What skills or qualities do you think are must-haves for someone working in non-teaching roles in a college environment?

Essential qualities include good communication, patience, time management, problem-solving ability, and a service-oriented mindset. These skills help in handling day-to-day challenges efficiently.

9. In your opinion, what makes SJCEM a unique and special workplace?

SJCEM is special because of its supportive environment, collaborative culture, and student-centered approach. Everyone here works with a sense of purpose, which makes the institution feel like a family.

10. What is one positive change or improvement you have seen in the college over the years?

I have seen significant improvements in infrastructure, digital processes, and overall campus environment. These enhancements have made the institution more efficient and student-friendly. Because of these consistent efforts, SJCEM granted Autonomous status.



SHWETALI CHAUDHARI
ASST. SYSTEM ANALYST

ALUMNI SPEAKS



Mr. Manoj Vora

I am proud to be an alumnus of St. John College of Engineering and Management, where I joined in 2022 as a direct second-year student in Mechanical Engineering. The college significantly influenced my academic and personal growth through well-equipped laboratories, an enriching library, and a supportive learning environment, enabling me to build a solid technical foundation. I am especially grateful to the faculty for their consistent guidance and support in developing my practical skills. A key milestone was serving as Captain of the Go-Kart Team, which taught me leadership, teamwork, and practical engineering problem-solving. Participating in the 12th GKDC Event was a memorable experience, alongside my involvement in the IQAC Committee, which facilitated communication between students and administration and contributed to academic improvement. Engaging in college events fostered a joyful atmosphere, and the institute not only helped me graduate with excellent grades but also instilled engineering ethics, confidence, and professional values.



Manaswa Machhi
Product Designer

I express my gratitude for all the opportunities and experiences that have shaped my identity today. My college journey was a time of exploration and self-discovery, shaped by supportive teachers, friends, and an environment that encouraged learning beyond boundaries. The academic flexibility and campus experiences helped me discover my true interests while building confidence and perspective. I'm grateful for the freedom to learn, fail, and grow during these years. Explore first, find what truly interests you, and then master it to achieve lasting success and happiness.



Siddhesh Khi
Trainee Engineer
Lavino – Kanpur
Cottons.

As a 2024-25 Electronics and Telecommunication Engineering graduate, my college journey was a blend of learning, growth, and unforgettable experiences. Serving as the member of student association allowed me to explore new technical dimensions and contribute to the annual DAB meeting. Events like Avishkar combined with workshops and internships, enhanced my technical skills and creativity. Beyond academics, these experiences fostered teamwork and leadership. My time at college shaped me into a resilient professional, and I'm proud to remain connected to this inspiring community.



Bhavya Balan Pillai

My four-year journey as a Computer Engineering student involved not only learning programming and complex concepts but also significant personal growth. Initially, the experience was overwhelming, filled with confusion and self-doubt, yet each challenge fostered patience and persistence. As I progressed, late-night debugging led to small victories, and theoretical lessons in class became applicable in real-world projects. Alongside technical knowledge, I developed confidence, teamwork, and communication skills, helping me overcome the fear of making mistakes during presentations. This transformative experience laid a robust foundation for my future career and personal development in technology.

ALUMNI SPEAKS



Prashant Shukla

Every achievement in my professional journey is rooted in the foundation built during my 4 years journey with this wonderful college. To all students: believe in your abilities, stay curious, and never stop learning. Your dedication today will shape your tomorrow, Best wishes.



Saurav Waghade

As a proud BE Computer Engineering alumnus, it's a pleasure to share a few words with you. Your time at St. John College of Engineering and Management will be some of the best years of your life — so enjoy them fully, make memories, and take every opportunity that comes your way. SJCEM is the perfect place to explore, learn, and discover what truly excites you. Don't hesitate to try new things, take up challenging projects, and collaborate with your peers-that's where real growth happens. Stay curious, stay motivated, and embrace the journey ahead. These years will shape both your career and the person you become.
Wishing you all the very best!



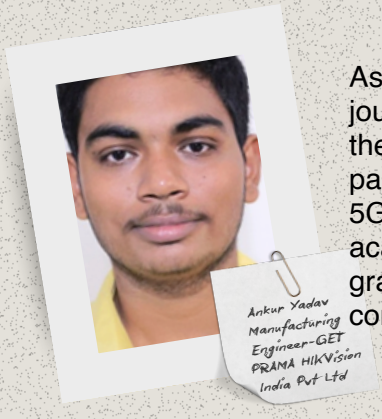
Dhruv Jain
Graduate Engineer Trainee, JSW Infrastructure Pvt. Ltd

As I continue to grow in my career and personal life, I remain deeply connected to the values instilled during my time at St. John College of Engineering and Management. These values of integrity, curiosity, collaboration, and service continue to guide me as I tackle new challenges and opportunities. I am excited to stay involved with my alma mater, contributing to its legacy and supporting future generations of students who will follow in our footsteps.



Ms. Arya Babu (Mechanical Engineering)

My six years at St. John College of Engineering, starting with a Diploma in Mechanical Engineering and ending with a Bachelor of Engineering, were transformational. The progression from diploma to degree was akin to moving from a basic blueprint to a detailed 3D model, enhancing my engineering knowledge. The supportive mentors and vibrant community provided invaluable guidance and fostered friendships, especially in a male-dominated field. This experience laid a solid foundation for my future studies in M.Tech Machine Design, equipping me with both conceptual clarity and practical skills.



Ankur Yadav
Manufacturing Engineer-GET
PRAMA HIKVision India Pvt Ltd

As a 2024-25 graduate in Electronics and Telecommunication Engineering, my college journey was an enriching blend of learning and personal growth. Being a member of the student association allowed me to explore emerging technologies and actively participate in the annual DAB meeting. Workshops like CCNA and sessions on IoT and 5G equipped me with valuable technical expertise and industry-ready skills. Beyond academics, these experiences enhanced my teamwork and leadership abilities. I'm grateful for this transformative journey and proud to stay connected with this dynamic community.

THE INFLUENCE OF TECHNOLOGY ON NATIONAL DEVELOPMENT SINCE INDEPENDENCE

Science and technology have now become the pillars of every modern state's progress. They are at the forefront of creating wealth, industrialization, and enhancing the quality of life. Ever since independence, the capacities of nations to develop have been in direct relation to how efficiently they invest in and utilize scientific knowledge and technological advancements.

Nations that adopted science and technology early, like the United States, Japan, South Korea, and China, have also emerged at the top of global leadership. Others, especially from Africa and some in Asia, are still grappling with developmental issues mainly due to delayed technological uptake. Science and technology are not extravagances but necessities for national development and transformation in Nigeria and other developing countries.

Science can be defined as the methodical quest for information, while technology is the deployment of that information towards fixing issues in the real world. Science and technology cannot be separated: science gives ideas, theories, and explanations, but technology brings them into products, services, and processes that enhance human existence. Science and technology permeate all facets of human existence, influencing the way societies develop and thrive.

Among the most significant contributions to national development are:
Technological innovations in agriculture, small industries, and ICT services create potential for job and income opportunities. Increased access to mobile banking, e-commerce sites, and agricultural technologies allows individuals in urban and rural areas to gain freedom from poverty. Medical technology and medical science have revolutionized healthcare across the world.

Telemedicine, diagnostic equipment, and vaccines have decreased mortality among children, made people live longer, and solved fatal diseases. In developing countries, investment in medical technology is necessary in order to deal with epidemics like malaria, HIV/AIDS, and now COVID-19. Agriculture continues to be a vital industry for Nigeria. Science and technology have increased food production through better seeds, fertilizers, irrigation systems, and farm equipment. Biotechnology and advanced breeding have assisted farmers in coping with drought, pests, and climate change.

Technology and science propel industrialization through the establishment of new industries and foreign investment attraction. Online platforms, digital libraries, and ICT-based teaching strategies make learning more accessible, even in far-flung communities. Through digital and scientific literacy, countries prepare their workforces for engagement in the global knowledge economy.

Despite its significance, numerous developing nations, including Nigeria, continue to experience severe obstacles in the field of science and technology. These involve underfinanced education systems, poor research institutions, inadequate infrastructure, and excessive reliance on foreign technologies. Rich and poor countries tend to have dissimilarities in technological development.

Science and technology are the drivers of development for any country. The issue is not the lack of talent or resources for Nigeria, but the inability to consistently invest and innovate. If the country transitions from being a technology consumer to a producer and inventor, its full potential will be realized and sustainable national development will be attained.

Sara S. Raut
S.Tech. Data Science

THE ARCHITECTS OF A NATION'S SOUL

The narrative of a nation is not etched in its monuments or counted in its GDP, it is profoundly inscribed within the hearts and minds of its people. At the core of this foundational script reside the teachers, the unsung architects who, with quiet resolve and unwavering dedication, meticulously sculpt the very essence of a nation. They are more than purveyors of information; they are the custodians of cultural heritage, the catalysts of societal evolution, and the moral lodestars that guide humanity. In an age often preoccupied with ephemeral gains, the teacher stands as a testament to the enduring virtue of long-term human development, proving that a nation's true fortitude is not found in its material wealth, but in the intellectual and ethical substance of its people.

The classroom serves as a sanctified space, a microcosm of the world where the nascent seeds of a future society are meticulously cultivated. Yet, it is more than just a room with desks. It is a place where a teacher's heart is poured out day after day. It's in the way they look into a student's eyes and see not just a child, but a universe of potential. It's in the late nights spent grading papers, not just to give a score, but to offer a chance for growth. They are the master weavers of character, patiently intertwining threads of empathy, fortitude, and critical discernment into the very fabric of a young psyche.

This process is not a perfunctory transmission of facts; it is the fervent kindling of a lifelong passion for inquiry and the nurturing of a profound moral consciousness. A teacher's true power emanates from their ability to see beyond the present, to recognize the latent potential in a child and inspire them to aspire to their highest self. They impart the timeless wisdom that genuine knowledge is not simply about what one knows, but how one ethically applies that knowledge for the betterment of all.

Every monumental leap in human history whether in scientific discovery, artistic expression, or social justice can be traced back to the initial spark of inspiration ignited by a teacher.
They are the unseen hands that guide a student toward their inevitable destiny. By fostering a spirit of inquiry and challenging entrenched orthodoxies, teachers equip the next generation to confront and conquer the complex dilemmas of their time. They are the intellectual pioneers, clearing the arduous path for future visionaries and leaders. The very economic and social framework of a nation is inextricably linked to the calibre of its educational system, and it is the teacher who occupies this pivotal role. Their relentless efforts construct a formidable edifice of knowledge and skills that enables a society to innovate, compete on the global stage, and flourish for generations to come.

The enduring legacy of a teacher is not marked by personal fame or financial abundance, but by the countless lives they have enriched. It is a legacy written in every small act of kindness, in every moment of quiet encouragement that helped a student believe in themselves. It is palpable in the newfound confidence of a student who finally grasps a complex concept, in the profound compassion of a leader who recalls their teacher's lessons on humaneness, and in the inexorable progress of a nation that venerates both knowledge and integrity.

A teacher's work is a sublime act of faith in humanity's potential, a tireless labour of love that never truly ends. They are the authentic nation-builders, shaping a brighter, more promising tomorrow not with mortar and stone, but with hope, sagacity, and an unwavering devotion to the future.

Vaibhav Somanna
SE Data Science

THE DUAL-EDGED SWORD: THE IMPACT OF INNOVATION AND TECHNOLOGY ON SOCIETY

Innovation and Technology are the primary engines of societal transformation. From the wheel to the internet, each major technology has fundamentally altered how humans live, work, communicate and govern themselves.

This impact is a complex, dual-edged sword, bringing about unparalleled advancements in prosperity and convenience while simultaneously presenting new ethical dilemmas, social divides and economic disruptions. Understanding this profound relationship is crucial for navigating the digital age and shaping a future where technology serves all of humanity.

Technology has shattered geographical barriers creating a “smaller, more connected world”. Instant messaging, video conferencing, and social media enable real-time global collaboration, family connections and the rapid spread of ideas and information, fostering cultural exchanges and breaking down traditional jurisdiction.

Also, almost all of you reading this article would probably know the “Positive Impact of Communications” so for a change all the next points will be on “Negative Impact of Communication”. Negative Impact on Communication- Lack of Social Skills and Basic Empathy- There has been an “Erosion of Social Skills and Basic Empathy”, Digital-first communication is largely text-based, stripping away from the essential non-verbal cues like body languages, tone, facial expressions and etc. these non-verbal cues are crucial for emotional understanding and empathy, this leads to frequent misunderstanding and reduced proficiency in face-to-face interactions.

Shortened Attention Span- I have been active on many social media platforms like Instagram, X (formerly twitter), Threads and Reddit for almost 5-6 years now. All these social media platforms have one thing in common which is the constant perpetual stream of notifications, short-form contents like Instagram Reels and Tiktok. This short form content feeds on human dopamine (Dopamine is a neurotransmitter often associated with pleasure, but its primary function in this context is to drive motivation and reward-seeking behaviour) by creating a highly efficient, self-reward cycle based on instant gratification.

This short length content which is typically 15-60 seconds long guarantees a burst of dopamine. When a video is funny, surprising or engaging the brain releases a small immediate burst of dopamine, this dopamine provides a sense of pleasure or satisfaction which is why we “scroll” to the next video hoping it will provide the same satisfaction and pleasure as the last one.

I suffered from this, my attention span for almost a year was pathetic but it’s not too difficult to recover from. Instead of consuming 15-60 seconds short-form content, Short-Attention span is a disease that can be easily cured if you just replace the short form content with long form content and the long form content should also be something useful or informative. Otherwise, what’s the point if your short-form content and long-form content has same nonsense.

“Technology gave us the string to connect the world, but mistook the string for a sturdy rope. Our relationships now span continents, yet lack any depth to bear any real weight.”

Smit Pradhan
F. Tech.

THE ROLE OF EDUCATION IN FOSTERING PATRIOTISM AND NATIONAL UNITY

Patriotism, the immense love, respect and devotion towards one's country is a powerful and vital role to influence the individuals. Education plays a crucial role in shaping values , thoughts and their outlook towards one's nation. Education fosters a sense of responsibility , loyalty among the citizens.

Our school, colleges and universities help us to know about our traditions , history, ancestors, culture and many more things related to the country. Education not only helps in fostering patriotism but also helps in fostering national unity. It is the only efficient way of sowing seed so unity and brotherhood among the people.

The curriculum of our country helps students to appreciate the idea of unity through various historical stories, by understanding the struggle for independence and visiting historical places. Additionally, education gives confidence to our youngsters to contribute or to serve our country.

Moreover, an educated population is more likely to contribute to development of new technologies and industrial sectors, thereby propelling the nation towards prosperity. It can be concluded that education is not just an instrument for individuals but also a tool for firm and strong Nation building. Patriotism and national unity walks hand in hand , hence it is said that

"UNITED WE STAND DIVIDED WE FALL".

Vaisnavi Khamait
FE DIV. G

THE ROLE OF TEACHERS IN NATION BUILDING

Some say teachers build minds; I say they build nations. These people play a vital role, not just in helping students excel academically, but also in shaping the character they carry throughout life.

Because as soon as we learn to walk and talk, the first person after our parents who holds our hand, who we listen to, is a teacher. They tell us our mistakes, highlight our positive points and often know us better than we know ourselves in what we are truly good at.

I still remember, when one of my high school teachers told me that I have a confident personality, and I still live every day with that attitude because I believed in what my teachers said; I think we all do. Many of my teachers told me that I have leadership qualities. I never agreed with them, but after getting into college, I hold many lead roles today in my college life.

I also remember the life lesson my physics teacher gave me in the first year of engineering, when everything felt new and overwhelming.

A teacher is the person who gives assurance, looks through us, and can tell us what we are good at; especially in things we might find difficult to do alone. Teachers are one of the biggest influences on students. They shape character, manners, mindset, and personality.

Teachers have that power to build a reliable nation because the youth is within their hands. They hold the power that can revolutionize the whole nation.

Nidhi Thakur
TE AIML

POETRY SECTION

Ode to Engineers

They sketch with pencils, code with might,
Turn sparks of thought into glowing light.
Where others see a pile of gears,
They see a dream that perseveres.
Equations dance inside their head,
While caffeine keeps their spirits fed.

A bolt, a wire, a circuit's hum— That's music to where they're from.
Bridges rise and towers climb, Machines obey, almost in rhyme.
When problems roar and chaos sneers,
Who saves the day? It's engineers!

They fix, they build, they break, they mend,
Their curiosity has no end. Not just of gadgets, nuts, and steel— They craft the future, make it real.

So raise a toast, both loud and clear,
To every daring engineer—
For in their hands, the world is spun, With brains of many, but heart of one.

Tanaya Mohan Bagade
F.Tech. Div A

The Architects of a Nation

They are not builders of a nation's stone,
But sculptors of a soul, a spirit sown.
The keel upon which a country's future glides,
The quiet force where a true heart abides.
They are the foundry workers in the dark,
Forging a mind to make its final mark.

The classroom is a sacred, winding maze,
And they, the cartographers of our days.
With steady hands, they give us every tool,
To navigate the currents, and not the fool.
They are the architects of a bolder view,
Painting the world a more expansive hue.

Their legacy, a monument unseen,
The silent conscience of a national scene.
They are the quiet strength in every stride,
The moral compass where our truths reside.
They are the constant river, deep and vast,
Whose currents carry all the future's cast.

Vaibhav Somanna
SE Data Science

Heads Down, Hearts Distant

Do any amongst us, strive to learn? Or perchance, all, is just a 'type' away? In what manner shall we see it? A boon? Or a bane? Why is that we spend more time, With not the ones around us, but with a device?

I see only some faces in crowd, the others? with their heads down. Not noticing the beauty or simplicity In their surrounding, But liking and agreeing to a post portraying the exact same thing. Am I a part of those people, Who tend to enjoy their 'Social' life more?

I need not to think, For I, who loves enjoying the little things around me. I know, maybe that stream of technology cannot trap my inner creativity and alter my brain, so easily.

Aishwarya Yadav
F. Tech. Div G

INDUSTRIAL VISITS

The Department of Civil Engineering organized an industrial site visit to the Navkar RMC Plant on 10th September 2025 from 2:00 PM to 4:00 PM at Palghar. A total of 28 students participated in the visit, which aimed to provide practical exposure to ready-mix concrete production and quality control processes. Mr. Patel, Site Engineer, explained plant operations, batching procedures, and safety practices. The visit enhanced students' understanding of real-time industrial practices and bridged the gap between theory and application.





TESTRIQ Software Testing and Quality Assurance Services Company, based in Mira Road, Mumbai, delivers expert software testing solutions. With a strong commitment to excellence, TESTRIQ helps businesses enhance reliability, performance, and quality through professional assurance services, ensuring robust and dependable software products as of 3rd September 2024.

SY IT students visited Raw Engineering on 10 October 2025. The Industrial Visit highlighted the integration of modern technology, automation, and software in engineering processes.



The Department of Civil Engineering organized an industrial site visit to the "Jamna Niwas" construction site on 10th September 2025. Thirteen students participated in this field training activity. Mr. Rajesh Sharma, Site Engineer, explained construction methods, site management practices, and safety measures, providing valuable practical exposure to real-time construction activities.



INDUSTRIAL VISITS

An Industrial Visit to Spectrum Softtech Solutions Pvt. Ltd., Kochi, was held on 26th November 2025. Students gained insights into IT operations, software development lifecycle, web technologies, cloud services, and cybersecurity practices. The interactive sessions enhanced Industry awareness, career guidance, and practical understanding of modern IT environments.





An Industrial Visit to Kerala Electrical & Allied Engineering Co. Ltd., Mamala, was conducted on 26th November 2025. Students observed transformer manufacturing, testing, and large-scale electrical equipment. The visit connected classroom theory with practical applications and provided valuable exposure to industrial practices and career opportunities for all participating engineering students.



Industrial Visit to Navneet Education Limited, Silvassa Date of Visit: 19th December 2025 Location: Sayali Village, Silvassa, Dadra and Nagar Haveli.

St. John College of Engineering and Management organized a Contentstack / Raw Engineering session on 19th September 2025 at New Viva College, Virar West. Sixty students participated in the two-hour program, held from 2:00 pm to 4:00 pm, gaining practical insights on industry tools and careers at the eighth floor venue successfully.



TWO DAYS FDP PROGRAM ON

Foundation and Advanced Course on OBE Integration, Pedagogy and Academic Systems





Thus, the Two-Day FDP successfully strengthened the pedagogical and academic capabilities of the faculty. With the guidance of IQAC members and the coordination of Mrs. Dipti Lopes, the program was executed seamlessly. The initiative underscored SJCEM's commitment to fostering academic excellence, innovation, and a structured OBE-driven education system.





Expert Talk on "Building a Harassment-Free Environment: Understanding POSH"





The Women Development Cell (WDC) of St. John College of Engineering and Management (SJCEM) organized an expert talk titled "Building a Harassment-Free Environment: Understanding POSH" to promote a safe, respectful, and gender- sensitive institutional environment. The session was conducted by Ms. Smita Lopes, an experienced consultant specializing in POSH and POCSO training across India.

Ms. Lopes delivered an insightful presentation covering: Key provisions, definitions, and applicability of the POSH Act. Institutional responsibilities and the role of Internal Committees. Real-life case studies and practical scenarios to illustrate common challenges and preventive measures.

Students and faculty actively participated in the interactive Q&A session, seeking clarity on legal processes, reporting mechanisms, and ethical considerations in real-world workplace situations. The resource person emphasized the importance of awareness, communication, and early action in preventing harassment and fostering a secure environment.The session successfully reinforced SJCEM's ongoing commitment to fostering a safe, inclusive, and harassment-free academic environment.

PRESENTANIA

A State-Level Technical Showcase of Talent and Innovation Organized by St. John Polytechnic

St. John Polytechnic, under the aegis of St. John College of Engineering and Management (SJCEM), Palghar, successfully hosted the 7th edition of PRESENTANIA 2025 - a State-Level Technical Paper Presentation, Technical Quiz, and Poster Presentation Competition.

A flagship annual event, PRESENTANIA serves as a vibrant platform for diploma engineering students to exhibit their technical acumen, communication skills, and awareness of the latest trends in technology. With a strong legacy of seven consecutive years, the event continues to foster innovation, collaboration, and academic excellence among budding technocrats. This year's competition witnessed enthusiastic participation from more than 144 students.

The event was marked by high energy, intellectual exchange, and collaborative spirit. The Management, Principal, and faculty of SJCEM and St. John Polytechnic extend hearty congratulations to all participants and winners of PRESENTANIA 2025 for their commendable efforts and achievements.

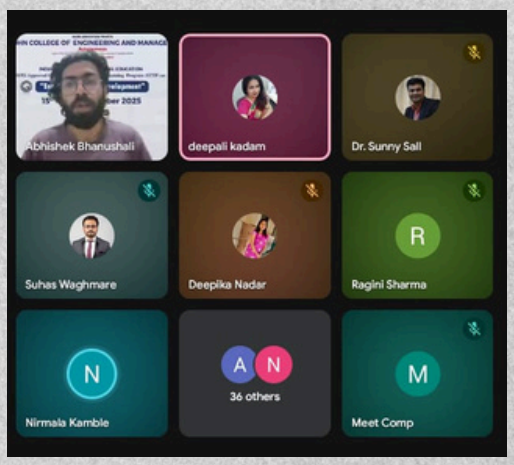


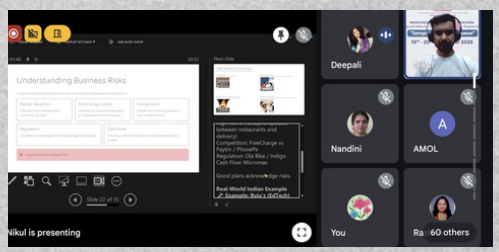


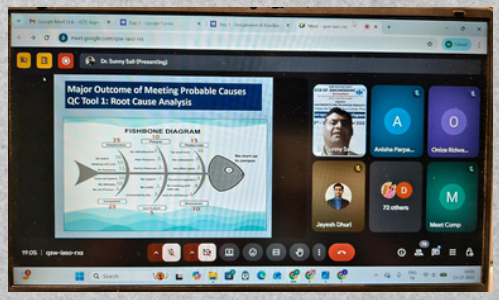
ISTE APPROVED STTP

Entrepreneurship Development
Date: 15th to 20th December 2025
Time: 6.30 pm to 9.00 pm

Day	Name of the Speaker	Topic
Day 1	Dr.Sunny Sall	Introduction to Entrepreneurship
Day 2	Mr.Saurabh Patel	Business Idea Generation and Validation
Day 3	Mr.Nikul Chedda	Business Planning and Stratergy
Day 4	Mr. Abhishek Bhanushali	Funding and legal framework
Day 5	Mr.Saurabh Kumar Jha	Marketing and Digital presence
Day 6	Mr.Rahul Gupta	Business pitching and prototype development







EMPOWERING STUDENTS THROUGH SOFT SKILLS – A CSSPD INITIATIVE





The Centre for Soft Skills and Personality Development (CSSPD) at St. John Technical and Educational Campus successfully conducted a campus-wide Soft Skills Development Programme for all Final Year students, including those from B.Sc. (CS, IT & HS), B.Pharm, D.Pharm, and Diploma Engineering (Mechanical, Civil and Computer). This 30 hours add-on programme (18 hours theory + 12 hours practical) was designed with a strong vision: to empower students from rural backgrounds with the soft skills necessary to succeed in today's competitive job market. The initiative aimed to bridge the gap between academic knowledge and workplace readiness by providing hands-on, practical training in communication, professional etiquette, interview techniques, time management, and leadership. Students were mentored by trained faculty members from within the institute, who were specially equipped by the CSSPD team to guide learners through various interactive sessions, role plays, group discussions, and real-life simulations. These engaging activities helped students build confidence, enhance their personality, and improve their employability. The programme saw enthusiastic participation and was made possible by the unwavering support of the institution's leadership, department heads, and faculty members. Team CSSPD extends its sincere gratitude for their cooperation and commitment to student development. Photographs capturing these vibrant sessions are shared below.

ONE-DAY KNOWLEDGE SHARING SESSION AND FDP

The Internal Quality Assurance Cell (IQAC) of St. John College of Engineering and Management organized a One-Day Knowledge Sharing Session and Faculty Development Program (FDP) on 14th August 2025. Conducted offline in Lab 2 (Fourth Floor), the program witnessed active participation from 54 faculty members representing all departments. Dr. Eknath Patil presented key pedagogical strategies and innovations. Mr. Basavraj and Mr. Swapnil Malipatil jointly demonstrated effective academic tools and best practices that can be integrated into teaching. This session strengthened peer learning and fostered a culture of collaborative growth. A guided hands-on session led by Ms. Shwetali Chaudhari, where faculty members updated their academic and research data on the MIS portal. Individual queries were resolved in real time. Ensured accuracy and completion of institutional research profiles.

The program concluded with several meaningful outcomes:

- Enhanced conceptual clarity on OBE integration and pedagogy.
- Better understanding of curriculum mapping and CO–PO alignment, essential for accreditation readiness.
- Increased awareness of advanced practices supported by Generative AI for classroom innovation and efficient academic management.
- Renewed motivation among faculty to implement OBE-based teaching-learning practices in their courses.







NSS ACTIVITIES



International Matrubhasha Diwas



Mangrove Dairies



Cleanliness Drive by Palghar Nagar Parishad



Drug free India Awareness Program



Electronics Waste Collection Drive



Har Ghar Tiranga Event



Traffic Safety Awareness Session



Guidance on Women's Menstrual Cycle and Health

Training & Placement



Career Guidance Session by Mr. Albert W. D'Souza, Dr. Suhas Pednekar & Prof. Ulhas Kharkhanis



Expert Session by Data Scientist, Mr. Ajeenkya Joshi



Career Opportunities & Pre-Placement Talk in Merchant Navy by Ms. Glinda D'Silva



Session on "Entrepreneurship & Job Opportunities Using Algorithms" by Mr. Piyush Baswat



Session Conducted for MBA Students on Resume Writing



A Session on Self-Discovery for F. Tech. Students



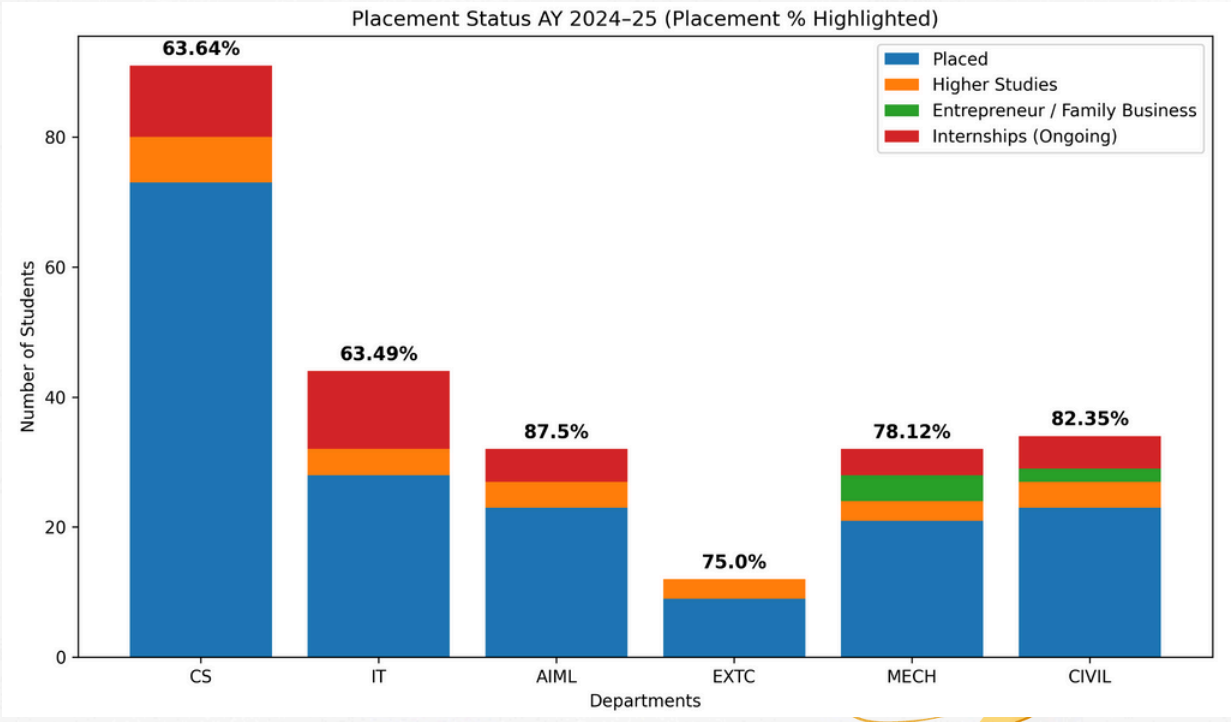
Session for Students Ace GD & Personal Interview



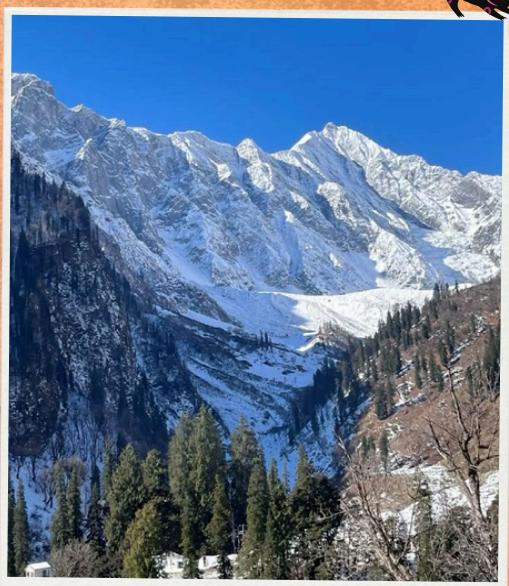
Session on "A Road Map for Your Career" by Dr. Baban Jogdand



Session on Data Science as a Career



PICTOGRAPHY



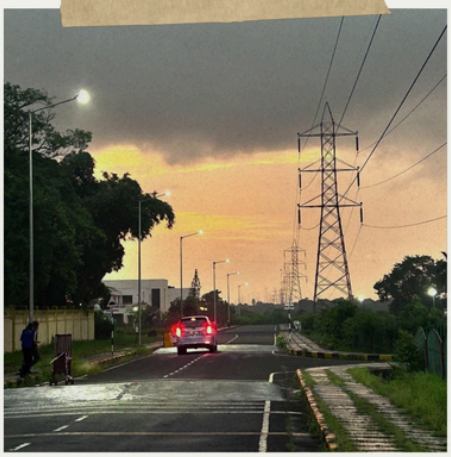
Gargi Patel
B. Tech. IT



Ayush Kini
S.Tech. Comps



Sara Raut
S.Tech. DS



Sarah Raut
S.Tech. DS



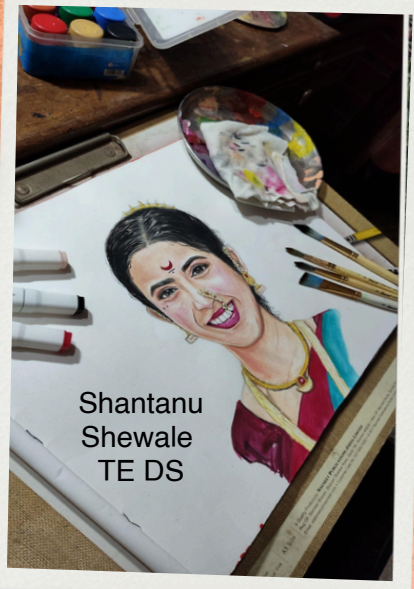
Tanaya Bagade
S.Tech. COMPS



Digvijay Mali
BE IT



Tirth Patel
BE IT



Shantanu
Shewale
TE DS

ANNUAL MICROFILM

F.TECH - A





F.TECH - B

F.TECH - C





F.TECH - D

F.TECH - E





F.TECH - F

F.TECH - G





S.TECH - AI/ML

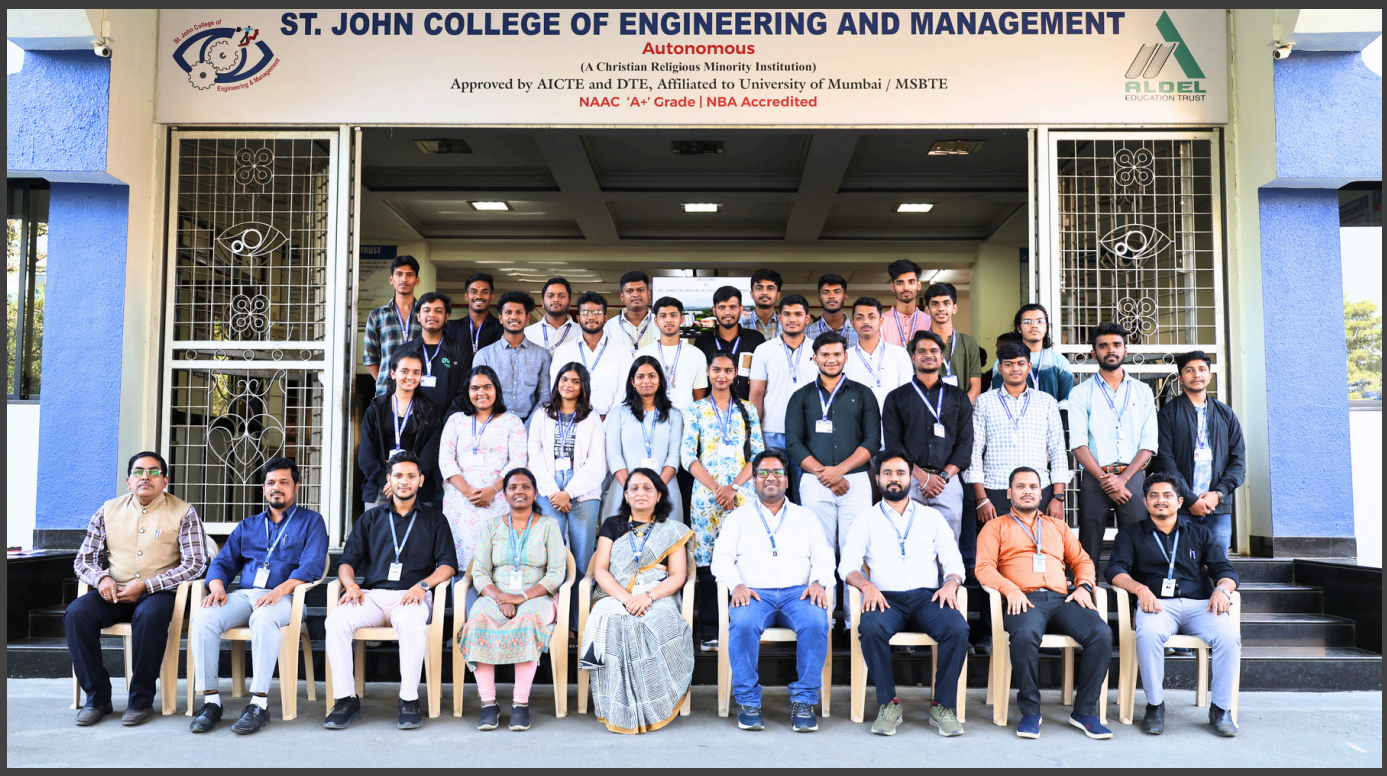
T.TECH -AI/ML





B.TECH - AI/ML

S.TECH - CIVIL





T.TECH - CIVIL

B.TECH - CIVIL





S.TECH - COMPS (A)

S.TECH - COMPS (B)





T.TECH - COMPS (A)

T.TECH - COMPS (B)





B.TECH - COMPS

S.TECH - DS





T.TECH - DS

B.TECH - DS





S.TECH - ECS

T.TECH - ECS





B.TECH - EXTC

S.TECH - IT





T.TECH - IT

B.TECH - IT





S.TECH - MECH

T.TECH - MECH





B.TECH - MECH

MCA

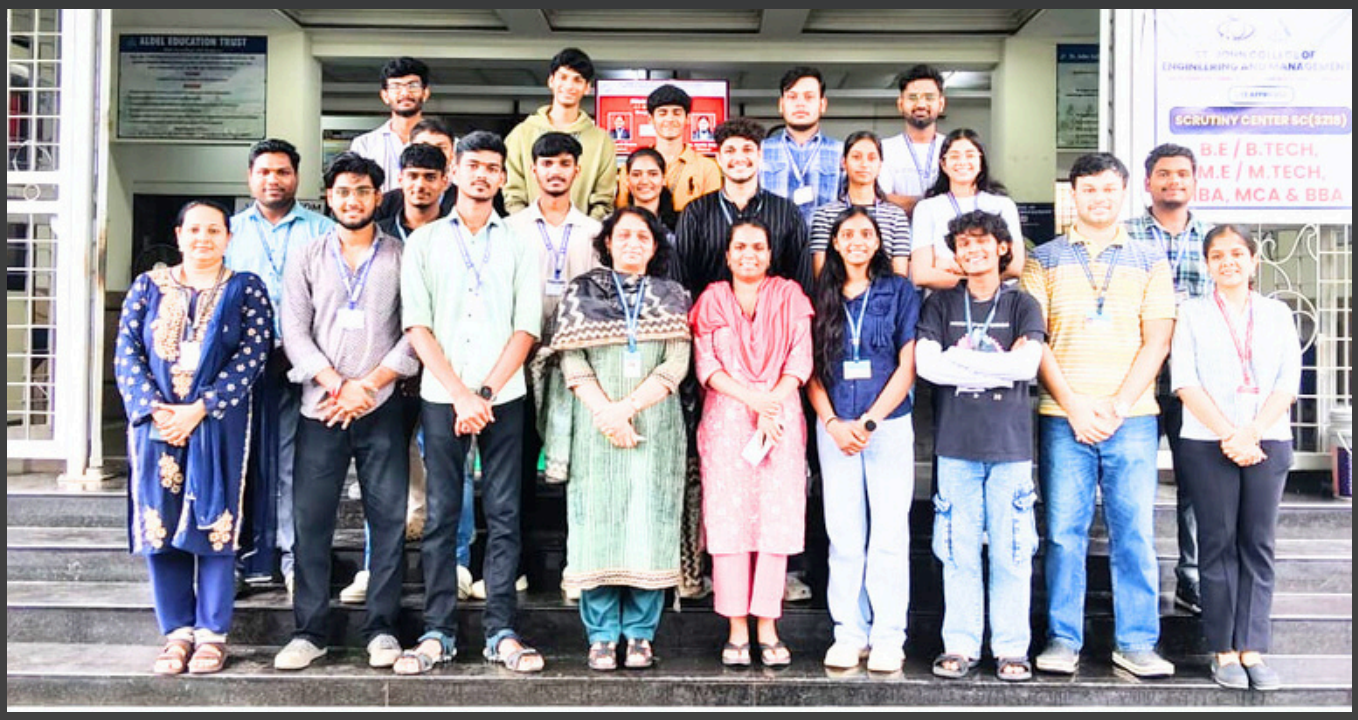

ST. JOHN COLLEGE OF ENGINEERING AND MANAGEMENT
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EDUCATION TRUST



M.TECH

EXAM CELL





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FY - CIVIL POLYTECHNIC





SY - CIVIL POLYTECHNIC

TY - CIVIL POLYTECHNIC





FY - COMP POLYTECHNIC

SY - COMP POLYTECHNIC





TY - COMP POLYTECHNIC

FY - IT POLYTECHNIC





SY - IT POLYTECHNIC

FY - MECH POLYTECHNIC





SY - MECH POLYTECHNIC

TY - MECH POLYTECHNIC





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SJCEM DEGREE TEACHING STAFF





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