

JSS MAHAVIDYAPEETHA

JSS SCIENCE AND TECHNOLOGY UNIVERSITY

(Established under JSS Science and Technology University Act No. 43 of 2013)

SRI JAYACHAMARAJENDRA COLLEGE OF ENGINEERING

(A Constituent College of JSS Science and Technology University)
JSS Technical Institutions Campus, Mysuru - 570006, INDIA





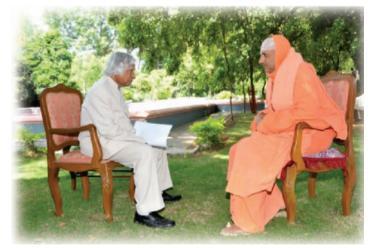


Jagadguru Dr. Sri Shivarathri Rajendra Mahaswamiji

JSS S&T University is built on a strong reputation of SJCE, Mysuru, and passionately committed for providing education in Science, Technology, Engineering and Mathematics (STEM), Architecture, Management and Humanity. It is steadfast to find solutions to some of the great challenges of our time through scientific research and technological innovations. The institution also has the reputation of academic excellence in professionally oriented programs, and equal proficiency in extra-curricular activities, that makes it a lucrative option for students from all over the country, especially those staying in the remote places eyeing at Science & Engineering Career.

The galaxy of JSS institutions is governed by JSS Mahavidyapeetha (JSSMVP) a philanthropic gift to the society by a lineage of pontiffs who believed in uplifting the society by eradicating poverty through "Education for all". Established in 1954 by 23rd Pontiff of Sri Suttur Math, Jagadguru Dr. Sri Shivarathri Rajendra Mahaswamiji has now grown into a galaxy of 350 plus educational institutions, propagating both informal and modern multi-disciplinary professional education; from primary education to professional courses; from Certificate courses to Diploma to Doctoral level. JSSMVP has established technical institutions in Mysuru, Bengaluru, Noida, Dubai and Mauritius. Each Institution functions autonomously governed by its own governing body. Today, JSSMVP under the spiritual guidance of His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji the 24th Pontiff of Sri Suttur Math, is on the threshold of launching many more programmes covering all aspects of life in the service of the nation.

JSS Science and Technology University is the brain child of His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji



His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji in conversation with Dr. A.P.J. Abdul Kalam, Former President of India

JSS Science and Technology University is strategically planned and established with a sole aim to "Serve the Mankind through Education" with following Vision, Mission and Motto

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Vision

- Advancing JSS S&T University as a leader in education, research and technology on the international arena.
- To provide the students a universal platform to launch their careers, vesting the industry and research community with skilled and professional workforce.
- Accomplishing JSS S&T University as an epicentre for innovation, centre of excellence for research with state of art lab facilities.
- Fostering an erudite, professional forum for researchers and industrialist to coexist and to work cohesively for the growth and development of science and technology for betterment of society.

Mission

- Education, research and social outreach are the core doctrines of JSS S&T University that are responsible for accomplishment of indepth knowledge base, professional skill and innovative technologies required to improve the socio economic conditions of the country.
- Our mission is to develop JSS S&T University as a global destination for cohesive learning of engineering, science and management which are strongly supported with interdisciplinary research and academia.
- JSS S&T University is committed to provide world class amenities, infrastructural and technical support to the students, staff, researchers and industrial partners to promote and protect innovations and technologies through patents and to enrich entrepreneurial endeavours.

JSS S&T University core mission is to create knowledge led economy through appropriate technologies, and to resolve societal problems by educational empowerment and ethics for better living.

Motto

True to JSS legacy and dedication to the service of mankind the JSS Science and Technology University adopted
'SCIENCE AND TECHNOLOGY FOR A BETTER LIVING'





Why JSS STU?

- Sprawling 102 acres of Lush green campus marked by well maintained gardens, several rare species of trees and plants.
- Experienced Faculty /staff support.
- Senior student mentorship.
- Financial Aid to deserved Students.(More than 50% in the form of scholarships & sponsorships)
- Spacious vehicle parking facility

Facilities and Amenities

- Commercial shops, Chemist.
- Bank with ATM Facilities (24 X 7).
- Cafeterias.
- Health care centre.
- Indoor and Outdoor Sports facilities which include Gymnasium, Tennis, Basket Ball courts, Cricket ground, Table Tennis, Hockey, Football grounds etc.

Infrastructure and Academic Outreach

- Adequate class rooms among which many are equipped with Audio Visual facilities.
- Branch wise Computer Aided Design (CAD) Laboratories,
- General and Departmental libraries with e-books,
 ejournals
- Over 65 Laboratories equipped with State of the art equipment.
- Dedicated and qualified laboratory technicians and staff,
- 24 x 7 internet facilities with dedicated servers housing to provide better computation distribution.
- Seminar halls and Auditoriums

Library

- Caters to the needs of curriculum, research, consulting and general reading.
- · Spacious building with large reading halls.
- Digital library established to access e-books & e-journals.
- Access to online journals through ASCE Online, IEL Online, Springerlink,
- Open j-Gate, DELNET, IEEE Explore.

Hostels

- Hostel facilities to accommodate about 670 boys and 400 girls.
- Boy's and girl's hostel located both on and off campuses, in several blocks.
- Full-fledged mess facilities with modern steam-operated kitchen,
- where food is steam cooked and vessels are steam-dried to ensure adequate hygiene.
- Separate TV room and reading room in the Hostels.



Faculty's Finesse

JSS Science and Technology university emphasise on faculty excellence in experience and commitment. Their class room teaching, International and public engagement aspects in research and education enables students to take full advantage for academic and life success. Over the last few decades impressive, well planned student centric educational and co-curricular outside formal class work is responsible for top ranking position of SJCE, among technical institutions in the country and third best in Karnataka.

Students Empowerment

JSS Science & Technology University emphasizes and ensure the students in-depth knowledge base, professional skill and exposure to innovative technologies that empower strong intellectual base that serves our students for life. The university's core doctrine is to provide outcome based education [OBE], along with updated syllabus in pace with advancement of science & technology. A significant feature of the SJCE experience is an emphasis on discipline, creativity and theory-based-lab that reinforces classroom learning. Opportunities for industrial exposure and active participation of students with Industrial/corporate interactions in teaching and research empower them hand-on-based pragmatic learning. Research scholars', Alumni's and senior student's involvement in mentoring and advising both UG and PG student's nurtures greater values and progressive impact on the health and wellbeing students.

Industrial Consultancy

- University encourages the faculty to provide Industrial consultation services.
- Centralized processing of consultation activities through Industry Institute partnership cell.
- Faculty offers technical advice to industries and Government agencies in regions / state.
- In-House laboratories are recognized for quality services in testing, certification and calibration of
- instruments, equipments and materials.

Student Clubs

To Explore more than Academics include

- **IEEE**
- LCC
- CSI
- Sahas (Adventure Club)
- TESLA
- **Editorial Board**
- PHOTON (Photography Club)
- **Developer Student Club**







Area in acres



Students



25000 +Deapartments Alumni Strength

:: JSS STU Stats::







Industry Institute Partnership

The college interacts with the business and industries across every aspect of engineering. The industries and business establishments Government & Non-Government organization involved in partnership with our college are CISCO, MindTRee, TCS, Infosys, Wipro, HP, Analog Devices, Philips, Bosch Rexroth, PACE, CPHEEO, GRASIM, MOEF, ZP, MCC, MUDA, JK Tyres, Rane (Madras), MYPOL, Deccan Chronicle etc. These are supportive to the college and some of them have set up labs in the college campus, viz., CISCO, HP, Analog Devices, Xilinx, Bosch Rexroth, Philips, Nokia, Schneider Electric etc.

Research Excellence

JSS Science and Technology University has a strong culture in support of research and scholarship. Which is ably supported by both national and international research funding agencies. The outstanding faculty members apart from effective teaching, actively involved in research as a central responsibility of department and research grant support programs. This ensures students, research scholars wining accolades across the globe regularly for their research output. Currently 136 students have registered and are working towards Ph.D degrees. 57 students have been awarded Ph.D. degree from SJCE alone.

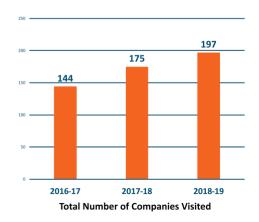


Placement & Training

The placement officer arranges campus interviews from various national and multinational companies for campus recruitment and also helps the various Heads of department in placing the students for project work at industries and other research and development organizations. The placement center has an impressive track record of both placements and participating industries. Besides this, the placement center organizes mock interviews, personality development courses, seminars, group discussions, invited talks and road shows of prospective employers. Skill tests are also conducted to prepare the students for tests and interviews.







Highest Salary (In Lakhs)

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Courses Offered

Undergraduate Programmes

- Biotechnology
- Civil Engineering
- Computer Science & Business Systems (CSBS)
- Computer Science and Engineering
- Construction Technology and Management
- **Electrical and Electronics Engineering**
- **Electronics and Communication Engineering**
- **Environmental Engineering**
- Industrial and Production Engineering
- 10. Information Science Engineering
- **Electronics and Instrumentation Engineering**
- 12. Mechanical Engineering
- 13. Polymer Science and Technology
- 14. Bachelor of Computer Applications (BCA)
- 15. B.Sc. in Animation & Visual Effects
- 16. B.Sc. (Hons) in Economics

Post Graduate Programmes

- M.Tech in Industrial Electronics
- M. Tech in Industrial Structures
- M.Tech in Network & Internet Engineering
- M.Tech in Environmental Engineering
- M.Tech in Maintenance Engineering
- M. Tech in Computer Engineering
- M.Tech in Software Engineering
- M.Tech in Biomedical Signal Processing and Instrumentation
- 9. M.Tech in Master of Engineering Management
- 10. M.Tech in Energy System & Management
- 11. M.Tech in Health Science & Water Engineering
- 12. M.Tech in Polymer Science
- 13. M.Tech in Data Science
- 14. M.Tech in Material Science
- 15. Master of Computer Applications (MCA)
- 16. M.Tech in Bio-Technology
- 17. M.Tech in Infrastructure Engineering & Management
- 18. M.Sc. in Chemistry
- 19. M.Sc. in Mathematics

Management Studies

- Master of Business Administration (MBA)
- MBA in Corporate Finance
- MBA in Retail Management
- MBA in Executive program
- MBA in Digital Marketing
- PG Dip. in Quality Assurance & Quality Control

Employed Diploma Holders (Evening) B.E:

- Mechanical Engineering
- **Electrical and Electronics Engineering** 2.
- 3. **Electronics and Communication Engineering**
- 4. Computer Science and Engineering

Research programmes:

- M.Sc. Engineering by research in all disciplines
- 2. Ph.D. in all disciplines

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