



JSS MAHAVIDYAPEETHA

JSS ACADEMY OF TECHNICAL EDUCATION NOIDA

Setting New Benchmarks in Student-Centric Learning

ॐ असतो मा सद्गमय ।
तमसो मा ज्योतिर्गमय ।
मृत्योर्मा अमृतं गमय ।
ॐ शान्तिः शान्तिः शान्तिः ॥

GO GREEN

KEEP CLEAN

STAY HEALTHY

Dedication of the Academy to the Nation in 2003



Inauguration of the Spritual Centre, Saket, New Delhi, Aug 2014 by Hon'ble APJ Abdul Kalam, Former President of India.



Inauguration of Centenary Celebration of His Holiness Jagadguru Dr. Sri Shivarathri Rajendra Mahaswami ji, by Prime Minister, Shri Narendra Modi

Inauguration of KSS Sanskrit Pathshala, Hostel Building & Book Release at Sri Suttur Math, Mysuru by Hon'ble Narendra Modi, Prime Minister of India



Ignorance is root cause of all evil.
Education is the only sovereign remedy.

-Dr. Sri Shivarathri Rajendra Mahaswamiji



Your Gateway to a Successful Career

Lush Green Campus of 28 Acres

5 Academic Blocks	30,000 sq. mts	International Hostel	2930 sq. mts
Workshops	650 sq. mts	Amenities Block	570 sq. mts
Library	1260 sq. mts	Temple	90 sq. mts
Boys Hostel	14770 sq. mts	Staff Quarters	1408 sq. mts
Girls Hostel	13260 sq. mts	Student Centre	4166 sq. mts

The hallowed precincts of the Lord Ganesha Temple on the College Campus

“ It is in the best interest of the human beings to take inspiration from gods and work diligently towards their goal. - Rig Veda ”



Vision & Mission	4-5
JSS Mahavidyapeetha	6
Sri Suttur Math	7
The Visionaries	8
The Leadership	9
Director's Message	10
Joint Director's Message	11
From the Desk of the Principal	12
Introduction JSSATE	13
Glimpse of Campus	14
Programs Offered	15
Partnering with Govt. of India	16
Pedagogy	17
What Alumni Says	18
Amenities	19
Hostel	20
Library	21-22
Courses Offered of Engineering	
Civil Engineering	24-25
Computer Science & Information Technology	26-27
Electrical Engineering	28-29
Electronics & Communication Engineering	30-31
Electrical & Electronics Engineering	32-33
Mechanical Engineering	34-35
Department of Mathematics	36
Department of Physics	37
Department of Chemistry	38
Department of English	39
Industrial Conclave 5.0	40
Significant Happenings	41
Postgraduate Department	
MBA	42-43
Institution Innovation Cell	44
Smart India Hackathon	45
Sports	46-47
Training & Placement	48-49
Alumni	50-51
Student's Recent Achievement	52
JSSATEN Demogrpahics	53
STEP	54
Eco Friendly Initiatives	55
JSSATEN Collaborators	57
Life at JSS	58-59

Contents



Vision

JSS Academy of Technical Education, NOIDA aims to become an Institution of excellence in imparting quality outcome based education that empowers the young generation with knowledge, skills, research aptitude and ethical values to solve contemporary challenging problems.



Mission

- Develop a platform for achieving globally-acceptable level of intellectual acumen and technological competence.
- Create an inspiring ambience that raises the motivation level for conducting quality research.
- Provide an environment for acquiring ethical values and positive attitude.



The Journey So Far

2003

New Campus Dedicated to Nation by Dr. APJ Abdul Kalam



2008

Academic Excellence award by UPTU



2007

Postgraduate Programs in Engineering



2005

NBA Accreditation



2022

NIRF Rank Band 251-300



AUGE
COLLEGE & UNIVERSITY RATING

JSS MAHAVIDYAPEETHA

Touching the Lives of Millions

Following in the foot steps of Basavanna, the poet-saint of 12 century, who spearheaded the social movement to obliterate all divides, the 23rd pontiff of Sri Suttur Math, Dr. Shivarathri Rajendra Swamiji, championed the philosophy of:

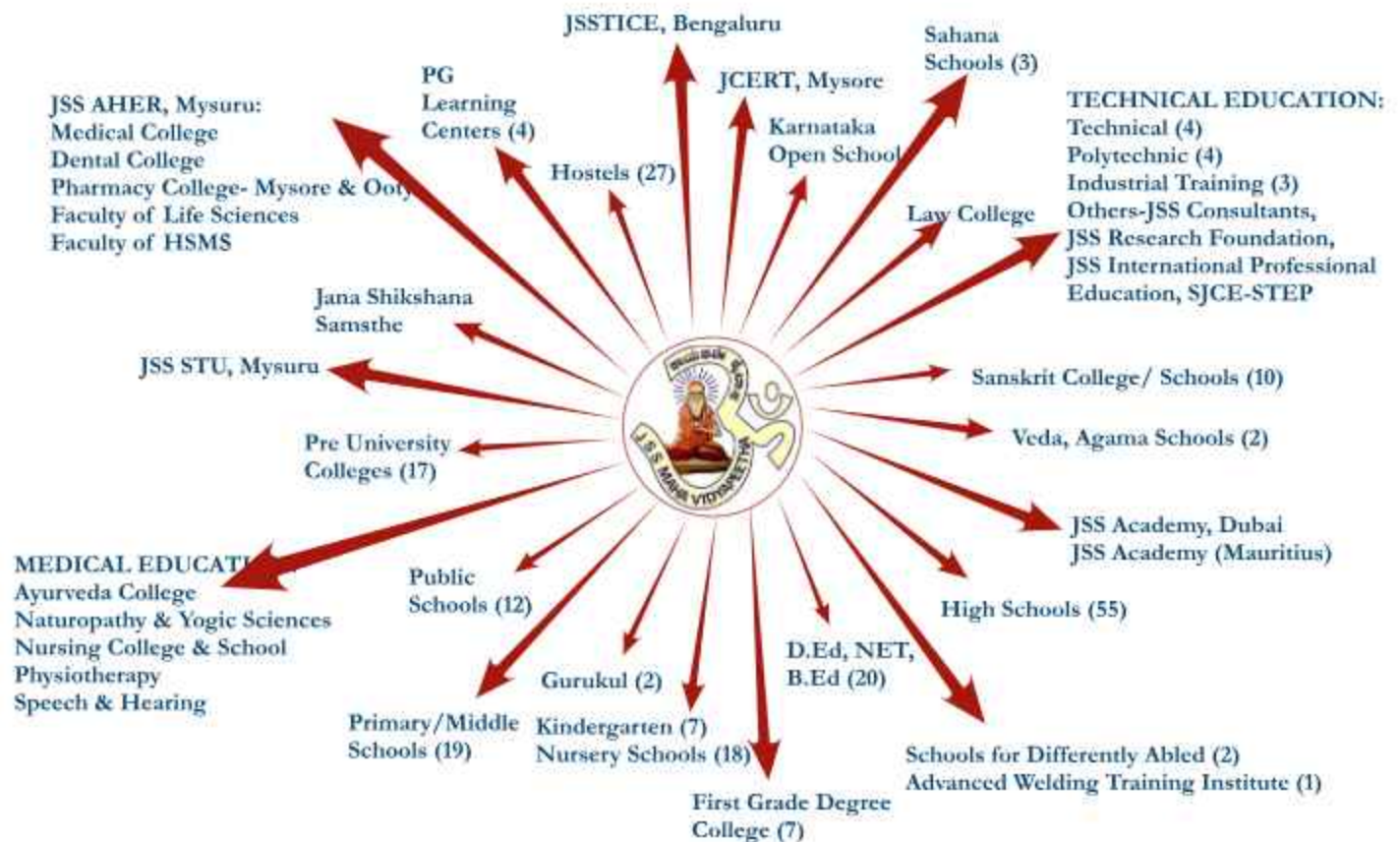
“Education for All” and went on to establish the JSS Mahavidyapeetha.

Jagadguru Sri Shivrathreeswara Mahavidyapeetha (JSSMVP), established in 1954, runs more than 300 Institutions, located in Karnataka, Tamil Nadu, Kerala, Uttar Pradesh and overseas. The Vidyapeetha central body was the foresight and vision of His Holiness Jagadguru Late Dr. Sri Sri Sri Shivarathri Rajendra Mahaswamiji the 23rd Pontiff of the 1000 year old Suttur Mutt. The Mahavidyapeetha caters the educational needs - from Creche to Post Graduation and Research Institutions. This is a place where Education is equated with God. In 1954, is the voice of sweeping movement of consonance and reform in society.

The Mahavidyapeetha a socio-cultural Institution has pioneered the cause of Education as a tool for social change with the twin ideal of providing opportunities for formal education while building values and creating awareness for social responsibility and to ensure a better quality of life.

Presently, steering the JSSMVP, the 24th and the present pontiff, His Holiness Sri Sri Shivarathri Deshikendra Swamiji, an embodiment of the spirit of an ability and wisdom lives to the philosophy of: WORK IS WORSHIP. Today JSSMVP is an immense monolith that has witnessed a humongous growth in the field of Education beginning with a high school and then foraying into Creches, Primary Schools, High Schools, Pre-University and Degree Colleges, Law Engineering, Medicine, Dentl Sciences and Pharmacy.

JSS Mahavidyapeetha has more than 1 lakh students pursuing their education in the JSS System. About 10000 Faculty members & other staff coalesce their efforts towards the development of this Organization.



The 1000-year Legacy of Sri Suttur Math

The Genesis of the social-educational-spiritual philosophy that animates JSS Mahavidyapeetha

The community life in India is closely linked with spiritual and religious institutions for the past five thousand years. The Rishis have been the beacon and guiding forces in upholding the moral values of life and in the progression of society as a whole. The glorious Suttur Math is a reflection of and testimony to this rich tradition.

Sri Jagadguru Veerasimhasana Suttur Math with a long history of more than one thousand years is a multi-dimensional institution of the Veerashaiva community that has contributed immensely to the cause of societal advancement.

The founding of the Math can be traced to a historical event linked with Sri Shivarathreeshwara Shivayogi Mahaswamigalu crusading for peace between two warring kingdoms. The hostility between Rachamalla IV of the Gangas of Talkad and Rajaraja of Cholas

was about to break up into a large scale war. It was due to the timely intervention of Sri Shivarathreeshwara Swamigalu the hostility ended and the enemies became friends. Then it was on the request of Rajaraja, the Swamigalu graciously condescended to establish a Math on the banks of the river Kapila at Suttur near Mysore. If the founding of the Math was incidental to establishing harmony and peace between two warring factions of the region by its founder, Sri Shivarathreeshwara Mahaswamigalu, the Pontiffs who followed saw purpose in promoting academics, literature, healthcare, infrastructure, etc. These noble tasks have attracted royal and societal attention and inspired both the rulers and the community to tread the noble, religious and austere path under the Pontiffs' guidance.



THE VISIONARIES



His Holiness
Jagadguru Sri Shivarathreeshwara
Shivayogi Mahaswamigalu

Founder of Suttur Math



His Holiness
Jagadguru Sri Mantramaharshi Pattada
Sri Shivarathreeshwara Mahaswamigalu

Wrote the panchakshari mantra for over three crore times, which earned him the name 'Mantramaharshi'



His Holiness
Jagadguru Dr. Sri Shivarathri
Rajendra Mahaswamigalu

Established JSS Mahavidyapeetha to make education accessible to all sections of the society



His Holiness
Jagadguru Sri Shivarathri
Deshikendra Mahaswamiji

24th Pontiff of Sri Suttur Math

His Holiness Jagadguru Sri Shivarathri Deshikendra Mahaswamiji President, JSS Mahavidyapeetha

Swamiji who assumed the Peetha in 1986 at the young age of 29 years, had his spiritual training under the guidance of his illustrious predecessor H H Jagadguru Dr Sri Shivarathri Rajendra Mahaswamiji, the founder president of the JSS Mahavidyapeetha, an educational and cultural organization dedicated to the ideal of providing education to the villages of Karnataka. He is responsible for establishing the 'Bharathiya Samskruthika Parishath', at all India level, by providing collective leadership involving all the heads of different religions, with an aim to take up activities which could benefit the mankind.



THE LEADERSHIP



Dr. C G Betsurmth
IAS (Retd.)

Executive Secretary, JSSMVP

I am happy to present this Brochure pertaining to JSS Academy of Technical Education, NOIDA, for the benefit of the general public and parents.

JSSATE, NOIDA as one of the premier Institutions has completed its eventful existence of 24 years, catering to the needs of Professional Education and has rightly earned a name of repute.

We, in JSSMVP, take this opportunity to rededicate ourselves to the cause of imparting technical education of a high caliber in the State of Uttar Pradesh.

Best Wishes to All.

With a sense of pride and honor, I wish to bring to the knowledge of the Students, Parents and the general public, that JSSATE, NOIDA, established in the year 1998 under the aegis of JSSMVP, Mysore, has achieved excellence and has been recognized as one of the premier institutions in the State of UP.

I acknowledge the dedication, commitment and earnest efforts of all those involved in the development of the Institute over these 24 years.



Prof. M.H. Dhananjaya
*Advisor (Technical Education
Division), JSSMVP*





Dr. B. Suresh

**PRODUCTIVITY IS
NEVER AN ACCIDENT.
IT IS ALWAYS THE
RESULT OF A
COMMITMENT
TO EXCELLENCE,
INTELLIGENT PLANNING
AND FOCUSED EFFORT.**

The role of education and educational institutions has changed in many ways in the last couple of years particularly after the whole world met with an unprecedented challenge of Covid and its impact. Though Covid is now receding from our minds as a threat, the impact that it has made will now linger for several years. Education is no longer a requirement for getting a job and maximizing placements, it is about holistic development that can make a positive difference in this world. JSS Academy of Technical Education, Noida believes in maximizing the learning of its students by building an organizational culture that is beyond materialistic goals where students are at the heart of the institution.

We welcome young and brilliant minds aspiring to make this world a better place by the use of technology and engineering to join us at JSSATE, Noida and let us help you realize your dreams. The great infrastructure, distinguished faculty, and innovative learning environment at JSSATE, Noida will help you move forward in realizing your goals in manner that you will not be able to visualize.

At JSSATE, Noida we believe in providing you 'Education over a lifetime'.

With Best Wishes

Dr. B. Suresh
Pro-Cancellor & Director (TED)
JSS Academy of Higher
Education & Research





JSS Academy of Technical Education, Noida (JSSATEN) is the destination for aspiring students to pursue Engineering, Management & Computer Applications Education. It was founded in the year 1998 with blessings of His Holiness Sri Sti Dr. Shivarathri Desikendra Mahaswamiji and with continued efforts, institute has evolved as one of the leading educational Institution in National Capital Region in the State of Uttar Pradesh.

JSSATE, Noida has beautiful lush green campus, with state-of-the-art infrastructure and highly qualified experienced faculty. The Institute is imparting quality education with importance to research and innovation.

Our mission is to develop a platform for achieving globally acceptable level of intellectual acumen and technological competence and to provide an environment for acquiring ethical values and positive attitude.

We provide a congenial environment for the holistic growth and all round development of the students through suitably designed teaching learning processes. The Institute has adopted outcome-based education (OBE), which empowers students to attain proficiency and fluency in the subject matter.

We are moving towards having a close tie up and linkages with industries, foreign institutions. We involve our student's right from the beginning on short and long term industrial training to facilitate hands on experience in real technological aspects and skill development. We also encourage our students for innovative Inter-disciplinary projects with social relevance.

Alumni of this Institute have established themselves as a strong force both in academia, Government and industry. They are employed in prestigious positions in India and abroad. They have proved their excellence, ability, expertise and creativity.

In JSSATEN, it is believed and practiced that excellence is a continuous process and in pursuit of which the institute has made deep forays into contributing world renowned technocrats, successful entrepreneurs, competent leaders, innovative scientists and researchers.

Choosing an Institution for higher education is one of the most important decisions of student's life. At JSSATE, Noida, you will be the part of a strong campus community that values academic excellence and diversity.

My hearty welcome to you to join JSSATE, Noida as an Institution in developing your career and realising your dreams.

With best wishes

Dr. H. R. Mahadevaswamy
Joint Director
Technical Education Division
JSS Mahavidyapeetha Mysuru

From the Desk of Principal

JSS Academy of Technical Education, Noida, (JSSATEN) established in the year 1998 at Noida (U.P), ranks among the top institutions in the field of engineering & management in Delhi NCR & North India. The vision of the academy is "To become an Institution of Excellence in imparting quality Outcome Based Education (OBE) that empowers the young generation with knowledge, skills, research aptitude, ethical values to solve contemporary challenging problems". The academy adopts the best scholastic and non-academic practices which provides a holistic and skilled -based education to all the students and make them ready to face the fiercely-contested competitions & challenges in the real world.

JSSATE, Noida under the aegis of Technical Education Division of Jagadguru Sir Shivrathreeswara Mahavidyapeetha (JSSMVP), Mysuru, has initiated all necessary steps to impart Outcome Based Education (OBE) using modern Teaching-Learning-Researching-Entrepreneurship pedagogy . the academic campus has a local chapter of NPTEL, Science and technology Entrepreneurs park (STEP), Incubation, modern state-of-the-art centrally air-conditioned library, round the clock high speed Wi-Fi network for all, frequent lectures and special talks by prominent academicians, industry heads and scientists from prominent national and international institutions. JSSATE, Noida is proud of its bright students, staff & management who contribute greatly towards keeping the flag of JSSATE, Noida, flying high. Our outstanding placement records echo the caliber set. The academy has endeavored to forge a rich, symbiotic institution-industrial internship culture along with very positive atmosphere for extra-curricular activities & sports, research, innovation and entrepreneurship.

We all firmly believe and pledge our affiliation to the education, which is the only "sovereign remedy" to the ills facing society. our path is already set towards contributing to a sustainable happy & healthy society & building the motherland INDIA

"Jai Hind"

Dr. Amarjeet Singh
Principal



ABOUT JSS ACADEMY OF TECHNICAL EDUCATION

Dedicated to the Nation in 2003 by the then President of India, Hon'ble Dr. APJ Abdul Kalam, JSS Academy of Technical Education (JSSATE), Noida was established in September 1998 to meet the ever growing demand for trained professional manpower for industries and to serve as the training ground for students of this region for the engineering profession. The Academy is situated on the sprawling campus of 28 acres in the institutional area of Noida and aims to be a value-based centre of Excellence in Technical Education. Backed by the rich experience of JSS Mahavidyapeetha in managing engineering education, JSSATE, Noida is ranked one of the best Technical Institutes in the state of Uttar Pradesh. The Academy is approved by All India Council for Technical Education. It is affiliated to the Abdul Kalam Technical University. Our students have been invariably placed in the roll of Honour of Top Ten rankers in AKTU. JSS has partnership with Govt. of France, Govt. of India (DST & MSME), multinationals like IBM, Dassault, HP, NOKIA, etc. The Academy has well equipped Laboratories, Library and Hostel facilities for girls and boys. It has a state-of-the-art Computer Centre to ensure adequate computing and Internet facility to every student as entire campus is Wi-Fi enabled. To attract the best, our admission policy is to fill all seats by the U. P. Government State Entrance Examination (SEE-UPTU).

We have set benchmarks every year, and grown into an Institution of Excellence in Technical Education. Located strategically in NOIDA, JSS ACADEMY OF TECHNICAL EDUCATION stands on a 28 acre campus and is a Temple of Learning for thousand.

Productivity is never an accident. It is always the result of a commitment to excellence, intelligent planning and focused effort.
- Paul J. Meyer



Dr. Mamatha T.G.
Vice Pricipal



Commodore B.K. Gupta (Retd.)
Chief Administrative Officer



Mr. N.S. Manoj Kumar
Accounts Officer



Dr. S.S. Shirur
Registrar



Dr. RS Jagadish
Dean Academics



Dr. K.S. Sujatha
Dean Research & Development

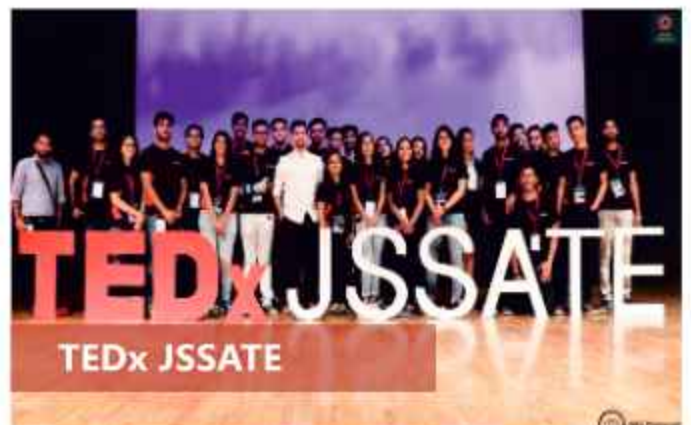


Dr. Prashanth Chahuan
Dean Student Welfare



Mr. R. Rajanna
Liaison Officer

Glimpse of Campus



Program's Offered

B.Tech

	Student Intake
Computer Science & Engineering (CSE)	180
Computer Science & Engineering (Artificial Intelligence and Machine Learning)	120
Computer Science & Engineering (Data Science)	120
Information Technology (IT)	180
Civil Engineering (CE)	60
Electrical Engineering (EE)	60
Electrical & Electronics Engineering (EEE)	60
Electronics & Communication Engineering (ECE)	180
Mechanical Engineering (ME)	90

M.Tech

Computer Science & Engineering	18
Artificial Intelligence & Machine Learning (AI & ML)	18
Advance Electronics & Communication with specialization in VLSI design	9
Production Engineering	9

MBA

60

MCA

60

Affiliations, Accreditations & Accolades



Dr A. P. J. Abdul Kalam
Technical University
Lucknow, Uttar Pradesh



All India Council of
Technical Education
New Delhi



All India Council of
Technical Education
New Delhi



National Institutional
Ranking Frame Work



QS-IGAUGE
Indian University Rating

AICTE Clean
&
Green Campus
Award
2017

Top Rated
&
Ranked
The Hindustan
Times

Excellent
Placement
80+ Companies
Visiting

MHRD IIC
★★★★★
4.5 Star
Excellence

DST Supported
Incubation Center
STEP

Nodal Centre
Smart India
Hackathon
since 2017

Partnering with Government of India

Outreach Programs

AICTE Clean and Green Campus Award 2017

Partnering the Swachh Bharat Mission of Prime Minister, AICTE in 2017 had decided to give "Clean and Green Campus Award" to its best Technical Institutions. JSSATE, Noida was adjudged at First Position in Northern Region and 7th position at the National level. Award was given on October 2, the birth date of Shri Mhatama Gandhi.



UNNAT BHARAT ABHIYAN

The Ministry of Human Resources Development (MHRD), Government of India has launched the program of Unnat Bharat Abhiyan (UBA), a National Program with the vision to involve professional and other Higher Educational Institutions of the country in the development process of Gram Panchayats so as to enable village cluster to achieve sustainable development and better quality of life.



JSSATE, Noida has been selected as one of the Institutes under Unnat Bharat Abhiyan, a flagship program of Ministry of Human Resource Development (MHRD). Under this program we have selected five villages. We are organizing awareness camps in these villages to address local problems with low cost technology interventions.

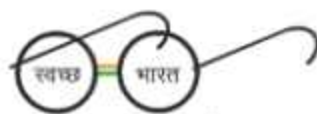
Utkrishta Vidyapeetha Award by Bharatiya Sanskriti Gyan Parishad

JSSATE, Noida has been selected as the EXCELLENT INSTITUTION for EDUCATION at National Level by Bharitiya Sanskriti Gyan Pariksha (BSGP) of AKHIL VISHWA GAYATRI PARIWAR, SHANTI KUNJ HARIDWAR.

To generate and spread awareness of Moral, Ethical, Spiritual, Cultural and Human values among the youth of India, four YUVA KRANTI GYAN RATH of Bharitiya Sanskriti Gyan Pariksha (BSGP) at four corner of India has been sent. All RATHs (Chariot) are well equipped with modern and scientific equipments. One of the Raths has come in our Institute to boost up the human values among our students, faculty and staff members.



Pradhan Mantri Kaushal Vikas Yojana (PMKVY)



एक कदम स्वच्छता की ओर

Swachh Bharath Abhiyan (SBA)



Unnat Bharath Abhiyan (UBA)



Swachh Bharath Summer Internship (SBSI)



PEDAGOGY

At JSSATE, NOIDA, we perceive the need for a major paradigm-shift in the way we teach and deliver study material to Learners. Research into behavioural sciences and classroom pedagogies has created awareness that participative and interactive sessions, with Teacher as facilitator and fellow-learner, are the need of the hour. Hands-on learning is everything. The dogmatic learn-by-rote is shown the door.

The importance of "I do and understand" can never be over-emphasized. Every lesson becomes an exercise in Research and Project Development, where the student plays a pro-active role in discovering, exploring and assimilating KNOWLEDGE, with his curiosity to learn some more only getting stronger. This kind of Learning does not fade with time.

Clearly, the role of a Teacher should change if a positive change has to be facilitated in a student. The present-day Teacher should be willing to unlearn his/her traditional role and abdicate from the position of "I am the fountain-head of wisdom", and perceive himself/herself more as a facilitator.

**Things do not change;
We change.**

**One good
teacher in a
lifetime may
sometimes
change a
delinquent
into a solid
citizen.**

WHAT ALUMNI SAYS.....

"The diverse background of students @JSS helped in shaping me as a more developed, confident and socially robust being. The environment of competence among students and helping faculties makes the process of learning very cordial and a joint process thereby, removing any anxiety pertaining to the course and exams. I thank JSS and never leave it unacknowledged in my course of life as it imbibed in me a strive for constant learning and perseverance.

VIKRANT YADAV

Entrepreneur

JSS, a place where I gained knowledge, best needed for the survival in outer world and confidence. Right from day one energy and enthusiasm is what I experienced, be it faculty or students. Amazing institution which teaches you self discipline, confidence and problem solving an essential traits to start your journey.

Talking about the environment, Jss has Safe and healthy environment to learn. Allows you to explore yourself as a student while learning to work in groups

JSS also helped me to find areas of interest and allowed me to participate in all extracurricular activities so that I could find which sports/arts I liked. provided a great home-like and supportive place for me to go

All my batch mates are doing well in their respective jobs which reflect the quality of the students the institute has produced

I cherish the memories, the favourite past I lived at JSS It was a great pleasure to spend two years of my life at JSS with my amazing classmates and faculties

VAIBHAV SINGH

BATCH : 2021



A Primary health centre is fully functional at the amenity centre block in the campus. Centre is equipped to provide the medical facilities such as emergency aid, primary day care admissions, OPD consultation, dressing, intravenous fluids , analgesics and antipyretics and counselling. A doctor and nursing staff is in place and they are available from 9am to 5pm daily. The PHC also has transport (on call) facility available to transfer the patients to advanced centres for further treatment.

AMENITIES

- Multipurpose Hall
- Reprographics Facilities
- Coffee Day Shop
- General Utilities Shop
- Primary Health Center
- Fitness Center
- Large Green ground for Outdoor Sports
- Indoor Sports

Come here to enjoy healthy and hygienically cooked food, both mouth watering and delicious. Adequate facilities such as clean drinking water and clean environment are also provided to the students and Faculty of JSS.



Food for thought

HOSTEL



Dr. RS Jagadish

Chief Warden,
Prof. , Department of Chemistry

BOYS HOSTEL

Normal Rooms : 180

Capacity : 540

AC Rooms : 56

Capacity :168

GIRLS HOSTEL

Normal Rooms : 285

Capacity : 574

AC Rooms : 42

Capacity :126

24/7 Electricity

Wi-fi Enabled

Top-Noch Security

Excellent Maintenance & Cleaniness





I AM ALWAYS WILLING TO LEARN, I DO NOT ALWAYS LIKE TO BE TAUGHT - W CHURCHILL

Library at JSS

- ▶ Library is fully automated and spread over 1260 sq.m. in Air-conditioned space.
- ▶ 350 seating capacity in Reference section.
- ▶ Subscribing 148 Printed journals in Engineering and Technology.
- ▶ Subscribing 2675 E-journals viz., Science Direct, Springer, Cambridge Core, Emerald, Sage Publication,
- ▶ Subscribing 19386 E-books viz., Taylor & Francis, Springer Nature, Elsevier Science Direct, PHI Learning, Oxford University Press, McGraw Hill, Cambridge University Press, New Age International E-Book
- ▶ Collection: 13172 Titles and 1.4 Lakh+ volume.
- ▶ Institutional membership – Dr. APJ AKTU Nalanda E-Consortium, DELNET, JSS Group of Institutions Library Consortium.
- ▶ Library installed KOHA Library Management Software and Using RFID Technology to automate all inhouse operations.
- ▶ Open more than 12 hours every day.

BOOKS ARE UNIQUELY PORTABLE MAGIC- Stephen King



Library of JSSATEN is using National Digital Library of India (NDLI) resources to meet Staff and Student information requirements.

Engineering Departments



**Success with Happiness is the only
Outcome we follow at JSSATE, NOIDA**

CIVIL ENGINEERING



**My Building will
be my legacy.
They will speak
for me, long
after I'm gone !**

The balanced construction of a bridge

VISION

To establish a Center of Excellence in the field of Civil Engineering through quality Education, Training and Research.

MISSION

- To impart quality education in the different areas of Civil Engineering.
- To promote Research and Development in specific areas.
- To provide professional skills and knowledge to serve the Engineering profession and societal needs with ethics and a sense of responsibility.



Dr. S Vardharajan

Head - In - Charge

Civil Engineering is the discipline that traditionally covers streams such as Earthquake Engineering, Architectural Engineering, Environmental Engineering, Geotechnical Engineering, Geophysics, Control Engineering, Structural Engineering, Transportation Engineering, municipal or Urban Engineering, Water Resources Engineering, Materials Engineering, Offshore Engineering, Coastal Engineering, Quantity Surveying, Geodesy, Surveying and Construction Engineering etc.



Understanding the Elastic Properties of Deflected Beam



POPSICLE BRIDGE MAKING

Civil engineering, is defined as a professional engineering discipline that deals with the design, construction, and maintenance of the physical and naturally built environment, including works like roads, bridges, canals, dams, and buildings. Our aim at this Department has not been only to impart quality education in all these areas of Civil Engineering, but also to provide professional skills and knowledge required to serve the profession meeting societal needs with ethics and responsibilities. The Department has a team of well qualified Faculty members, mostly with postgraduate degree from the reputed institutions. Many of these Faculty members have rich and varied industrial experience, some pursuing their research activities also further. It therefore provides an apt blend of theoretical and practical knowledge as they teach.

Established: 2007

Courses Offered:

B.Tech in Civil Engineering
Student Intake: 60

Electives Offered:

Advanced Foundation Design
 Environmental Management For Industries
 Advanced Concrete Design
 Rural Water Supply And Sanitation
 Industrial Pollution Control & Environmental Audits
 Engineering Hydrology
 Open Channel Flow
 Analysis And Design Of Hydraulic Structures
 Machine Foundation Design
 Ground Water Management
 Earth Quake Resistant Design Of Structures

Our Strengths:

Infrastructure: State- Of- The- Art Labs With R & D Facilities (CAD & Building Planning And Drawing Lab, Structural Analysis Lab, Geo-informatics Lab, Geotechnical Lab, Surveying Lab, Environmental Engineering Lab, Structural Detailing Lab)

Research Areas:

- Structural Engineering
- Geotechnical Engineering
- Construction Technology and Management
- Environmental Engineering
- Transportation Engineering
- Earthquake Resistant Design of Structures
- Disaster Management

Significant Achievements:

- Sandeep Sharma (Civil 3rd Year) authored a Mathematical/ Science fiction novel named Algorithm Of Future under Notion Press Publication in August 2013.... Contributed a short story in an E-Magazine named Writers Ezine for the April 2014 edition, Won an Anthology contest organized by Rigi Publication named Secrets of Soul for the story named "A Man at Platform".
- High Placement Records In The Organizations Like Indian Navy, Indian Army, L&T, Reliance, Lanco, Maccaferri Environmental Solutions, Samsung.
- CSI-Nihilent e-Governance Award was given by Secretary, DeITY,GOI , Dr K Kamal received this award with his team on 14th December 2013

Student Club:

Ace

COMPUTER & INFORMATION SCIENCE TECHNOLOGY



Minds are like parachutes- they only function when open.

VISION

To become a centre of excellence in teaching and research in the area of Computer Science and Engineering to meet the requirements of Industry and research organizations.

MISSION

- To create globally competent professionals with computational knowledge and contemporary skills.
- To promote excellence in teaching through research, creative thinking and problem solving ability.
- To impart expertise to students for meaningful association with technical institutions and industry in computing and allied fields.



Nokia Research Lab, Student making Mobile Application

The Computer Science & Engineering and Information Technology Departments are well set to prepare graduates with exceptional programming skills and problem-solving abilities for the projects that drive 21st century applications. Students are deeply involved in creating softwares and solving challenging problems in Cyber Security, Vision and Imaging and Mobile Apps. Students have developed exceptional plug-ins in the mobile innovation lab that have received world wide applications. IBM Centre of Excellence in the Department offers Competitive Projects for the students to solve. Research in the area of Machine Learning and its Applications has opened up new Vistas for collaboration with Industries. More than 50 software Industries pick Computer Science Engineering & Information Technology graduates in the Campus drives ev ery year. The Departments have a pool of young talented Faculty who believe in giving creative thinking tasks to the students which empower them for Global Opportunities.

The Departments gives exposure to its students, not only through the regular Engineering curriculum but also to the aspirations of today's corporate world, by inculcating a professional attitude in them. We are well equipped with excellent computing infrastructure to meet the curriculum needs of the graduate program. High speed campus wide LAN help students and faculty to explore a wealth of knowledge.



Dr. Mayank Singh

Head of the Department
Computer Science



Dr. Vineeta Khemchandani

Head of the Department
Information Technology

Established :

1998 (Computer Science)
1999 (Information Technology)

Courses Offered :

B.Tech in

Computer Science and Engineering
CSE (Artificial intelligence & Machine Learning)
CSE (Data Science)
B.Tech in Information Technology

M.Tech in

Computer Science & Engineering
CSE (Artificial intelligence & Machine Learning)

B.Tech : Students Intake : 180 (IT)
180 (CSE), 120 (CSE :AI & ML), 120 (CSE : DS)
M.Tech : Students Intake : 18 (Each Branch)
MCA : Student Intake : 60

Electives Offered :

Digital Image Processing
Artificial Neural Networks
Mobile Computing
Data Compression

Our Strengths :

Infrastructure, State-Of -The-Art-Labs
With Research & Development Facilities
IBM Centre of Excellence
Mobile Innovation Research Lab

Research Areas :

Computational Intelligence
Data Mining and Information Retrieval
Software Engineering & Practices
Network & Security
Computer Vision
Mobile Innovation Lab

Significant Achievements:

High placement records in renowned
Companies including Adobe, Microsoft,
Birla, Infosys, Tech-Mahindra

Student Club :

Nibble Computer Society : (The Oldest
Student Society of Students At JSS)
Google Developer Group

The difference between stupidity and genius is that genius has its limits.

- Albert Einsein

ELECTRICAL ENGINEERING



All attention is on the Measurement of Power Factor of Electrical Circuits

VISION

To achieve excellence in Training, Research, Consultancy and Innovation in the field of Electrical Engineering.

MISSION

- To offer quality education in the field of Electrical Engineering
- Carry out research in a multidisciplinary area.
- Collaborate with Industry to meet the growing Global challenges.



If you wish to
understand the universe,
think of energy,
frequency and vibration

- Nikola Tesla

The Department has been playing a pioneering role in interacting with the outside world institutions and industries to motivate the students to perform at Global level. The Department has signed MOU with Schneider Electric Private Limited for setting up and maintaining the Substation Automation state-of-art laboratory, for fifteen years. The Substation Automation laboratory provides online experience of the equipment that are installed in the field, namely Date Concentrator, IED , Numerical Relay, 61850 Enabled devices etc. Trained faculty members along with the team of experienced professionals from Schneider Electric Private Limited provide skilled training on realtime projects.

This facility is generated to impact Knowledge beyond the Syllabus to the students. The facilities in the Department provide ample opportunity to the students to interact with the Industry and also enhance the knowledge to get placed. This will also enable the Students, Faculty and Researchers to upgrade their skills.

The Department has able and research-oriented Faculty and it takes pride in its trained staff who posses updated knowledge of machines. Faculty members have published Research findings in IEEE transactions.



Substation Automation Panel

Established: 1999 (Electrical)

Courses Offered:

B.Tech In Electrical Engineering

Student Intake: 60

Electives Offered:

Power system engineering

Power Electronics and drives

Electrical Machines and Control system

Our Strengths:

Infrastructure: Well equipped state-of-the-art labs (electrical machine, basic electrical, simulation lab, control & automation, power systems & power electronics etc.)

Substation and Automation lab (the Department has set up a state-of-the-art R&D laboratory in Substation Automation in association with Schneider Electric.

Research Areas:

Process Monitoring and Control: SCADA

Intelligent Protection of Power Transmission System

Renewable Energy ,Power Quality

Solar Energy

Intelligent Control

Ergonomics and Control Centre

UPFC, FACTS and DFACTS Devices

Significant Achievements:

- High placement records in renowned Companies.

- Organized a National Seminar on "Recent Technological Developments in Electrical Engineering" in association with MTU.

Student Club: Oorja



Dr. Sanjeev Kumar Sharma

Head of the Department

Electrical

ELECTRONICS & COMMUNICATION ENGINEERING



Microwave Engineering Lab: Students analysing the signals

**We aim above the
mark to hit the mark**

- Ralph Waldo Emerson

VISION

To create an environment for students to be educated in the field of Electronics and Communication Engineering and make them globally acceptable for employment, Higher Education, Research and sensitize them towards social responsibilities.

MISSION

- To provide quality and contemporary Education in the domain of Electronics and Communication Engineering through periodic updates /additions to the curriculum and lab facilities.
- Collaborate with the industry and provide necessary research inputs to students for project work.
- To set up research facility in the area of VLSI, Embedded Systems and Electrical Communication.
- To transform students for working in multicultural Global environment.



Microcontroller Kit



Dr. Arun Kumar G

Head of the Department

An Excellent academic record has been maintained consistently by the Department of Electronics and Communication Engineering. Highly motivated and experienced Faculty are the greatest assets of the Department. A number of Faculty members are involved in research. Students are encouraged for modeling and simulation using modern e-CAD tools like MATLAB, Cadence design tools etc to supplement the curriculum. Varied expertise of Faculty along with the support of lab staff members inculcates in students the knowledge to work in Global multi-cultural environment.

Many of our alumni are working with MNCs and in Government and Public Sector organizations and many of them are pursuing higher education from Institutions in India and overseas.



FPGA kit in M.Tech Lab

Established: 1998

Courses Offered:

B.Tech In Electronics & Communication
Student Intake: 180

M.Tech In advanced electronics and communication with specialization in VLSI design.

Student Intake: 18

Electives Offered:

Discrete Mathematics
Laser Systems and Applications
Analog Signal Processing
Microcontroller
Advance Semiconductor Devices
Data Structures
Digital Image Processing
Satellite Communication
Nano Sciences
Digital System Design using VHDL
Introduction to RADAR systems
Speech Processing

Our Strengths:

A hands-on curriculum (most of our courses have associated labs)
Faculty participation in student projects and Departmental association activities.
Good faculty to student ratio.

Research Areas:

VLSI Design
Signal Processing
Image Processing
Embedded Systems
Electrical Communication

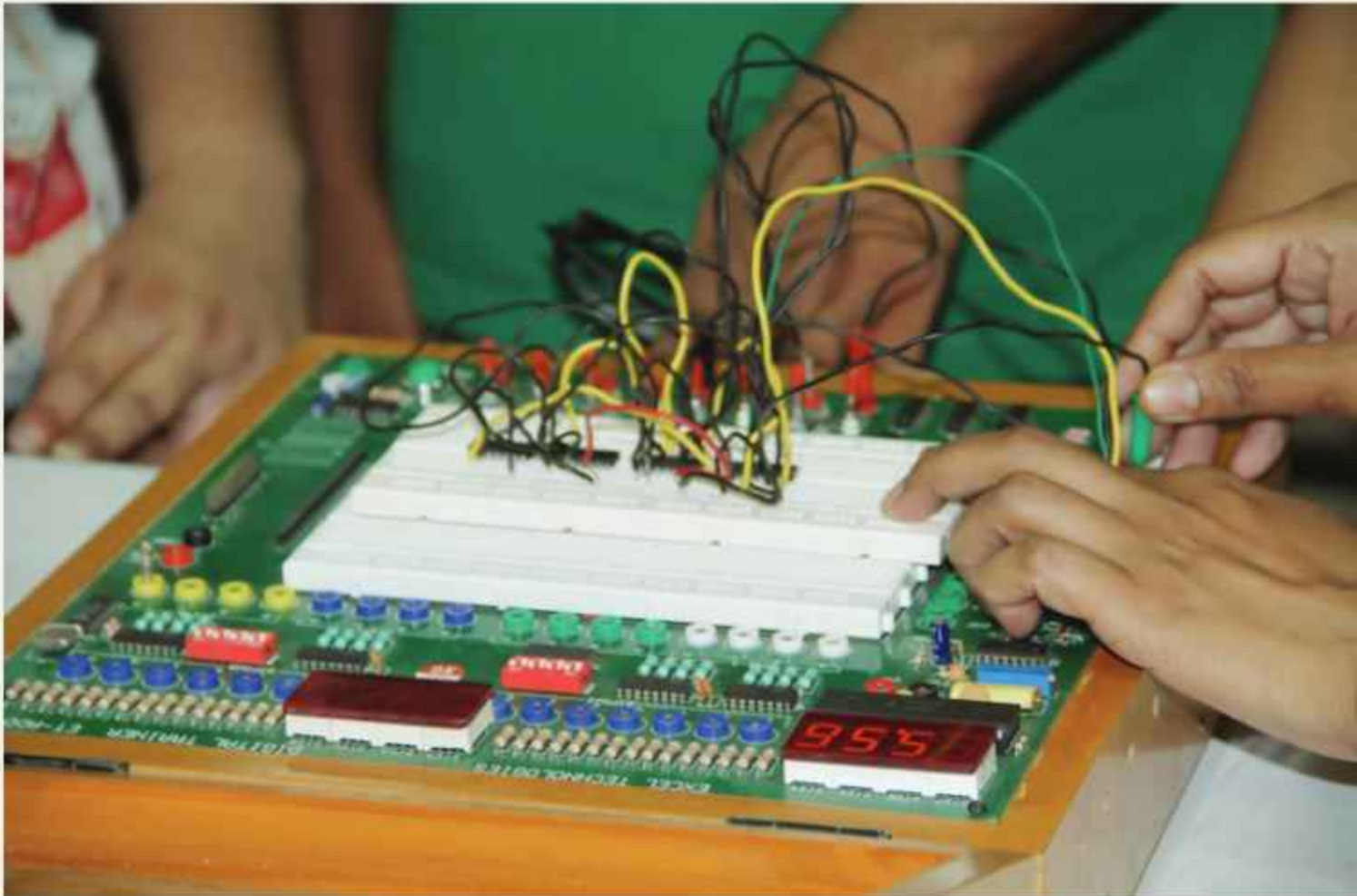
Significant Achievement:

Placement Records: Good Placement records in companies like Bharat Electronics Limited (BEL), Samsung, Sony, Electronics, TCS, CISCO, HP, IBM, ECIL, Intel, LG AMD and Microsoft.

Student Club:

Quanta
IEEE Student Society
- IEEE Signal Processing Society
- IEEE Robotics & Automation Society
IETE Student Forum

ELECTRICAL & ELECTRONICS ENGINEERING



Electronics Circuit Laboratory

VISION

Emerge as a premier department of Electrical and Electronics Engineering, a source of technically outstanding energetic engineers, entrepreneurs and leaders through its highest quality academics and research.

MISSION

- Provide the students with basic and advanced knowledge in the field of Electrical and Electronics Engineering as well as professional skills necessary to face the challenges of the future.
- Encourage the students to strive for excellence through innovation and collaborative research activities.
- Mould the students with qualities like team work, managerial skills and ethical & cultural values to solve industrial and socially relevant issues

The spirit of self-help is the root of all genuine growth in the individual



The Department of Electrical and Electronics Engineering is the youngest department at JSS Academy of Technical Education, Noida, preparing over 70 graduate students each year in the domain of Electrical and Electronics. It holds pride in equipping the young minds with a curriculum in Electrical and Electronics Engineering at the undergraduate level which lays a strong foundation of basic and advanced Electrical and Electronic Engineering concepts. In addition to theoretical education, hands on experience are imparted to the budding engineers with the help of state-of-the-art laboratories.

From creation of systems to provide power for homes and industry, the department makes an impact in the quality of life world-wide. As proficient engineers, the students of Electrical and Electronics Engineering will have a strong background in Mathematics, Physics, Chemistry, a broad base in the humanities and social sciences, as well as introductory engineering coursework. The program in Electrical and Electronics Engineering encompasses all areas of research, development, design, and operation, in the field of powering our world from renewable energy sources, creation of electronic devices, Power electronic circuits to drive robots and electric vehicles, Communications and signal processing.

The graduates are equipped to undertake important and challenging positions in the aerospace, chemical, nuclear, automotive, medical, metallurgical, textile, railway, petroleum, computers, electronics, communications, power, food, safety sectors and other mechatronic industries. Important personal attributes that has been imbibed in them include the art of self-learning, teamwork, and an appreciation for ethical conduct.



Dr. K.S. Sujatha

Head of the Department

Established: 2014

Courses Offered: B.Tech in Electrical and Electronics Engineering

Student Intake : 60

Electives Offered:

Utilization of Electrical Energy and Electric Traction, Introduction to Smart Grid, Introduction to Robotics, Industrial Automation and Control, Energy Efficiency and Energy Conservation, Advanced Control System, Introduction to power quality and FACTS, Power system dynamics, control and monitoring, Optical Fibre communication, Power theft and Energy Management, Digital Image Processing, Bio-Medical Instrumentation, Fundamentals of digital signal processing, Internet of things.

Our Strengths:

Infrastructure: State- of- the- art Labs with R&D facilities (Instrumentation & Measurement Laboratory, Digital Electronics Lab, Control system Lab, Transducers lab, Microcontroller & Microprocessor Lab, PLC & LabVIEW Lab, DSP & MATLAB Lab, Electrical Machines Lab)

Research Themes:

Artificial Intelligence and Signal Processing, Power System Dynamics Operation and Control, Power Electronics and renewable energy Integration, Automation, Control and IoT

Significant Achievements:

- Placement Records with the Companies like Infosys Technologies Ltd., Robert Bosch, Tata Consultation Services, Larsen & Tubro, Capgemini, DXC Technology, Birla Soft, Wipro, Mindtree, Indian Navy, Samsung Heavy Electricals Pvt. Ltd., Samsung Engineering Ltd., Indian Army, Chegg India Pvt Ltd, Rain Gate, Torrent Power etc
Average Package: 5.5 Lakhs
- Student Project "Solar based Water Quality Management System" - funded by CSTUP under Students Projects Grant Scheme 2018-19, "Paddy Cutter using Solar Energy" - funded by MHRD under Unnat Bharat Abhiyaan (UBA) 2018-19.
- A Drone designed to analyze the patient and record his body temperature and accordingly provide medication prescribed by doctor. It is capable of carrying ½ KG payload. This project also went to quarter finals of DST and Texas Instruments India Innovation Challenge 20

STUDENT CLUB: Electrino18.

MECHANICAL ENGINEERING



The most important Outcome of Education is to help students become independent of Formal Education
- Paul. E. Gray



VISION

To be a centre of excellence in academic, research and innovation, in the field of Mechanical Engineering to occupy positions of eminence in diverse fields of society.

MISSION

- To foster competence and excellence in academic and research in Mechanical Engineering to cater to the needs of the modern industries.
- Constantly improving pedagogical methods and cultivating the spirit of lifelong learning.



Dr. Mamatha T G.
Head of the Department

Mechanical engineering is a diverse subject that derives its breadth from the need to design and manufacture mechanical engineering equipments and devices originating from individual parts or components to output based requirements. To facilitate this, a Mechanical Engineer needs to acquire skills and knowledge with the ability to analyze and design objects and systems, either stationary or in motion, and to operate and maintain the system so designed, efficiently.

The course curriculum, involves learning with creativity, fostering capabilities to meet the needs of the industry/ and resolve designing of safe, reliable, environment friendly and cost effective system.

We develop our students to meet the requirement of international employability.



Students of 3rd year from Mechanical Engineering Department Participating in Global Space Technology Conclave – 2020 at Singapore from 5th to 7th Feb 2020



**Quality means doing right
when no one is looking**

Established: 1998

Courses Offered:

B.Tech in Mechanical Engineering

Student Intake: 90

M.Tech in Manufacturing System
Engineering

Student Intake: 9

Electives Offered:

Operational Research

Computer Aided Manufacturing

Total Quality Management

Maintenance Engineering Management

Our Strengths:

Infrastructure: Well Equipped State-of-the-art Labs (like Material Science Lab, Theory of Machines Lab, Workshop, Fluid Mechanics and Hydraulics Lab, Thermodynamics & IC Engines Lab)

Research Areas: Advance Manufacturing Lab, Advance Welding, Advance Material Science.

Significant Achievements:

- The Department has been sanctioned a research project sponsored by AICTE with project cost of Rs.16.81 Lakhs.
- High Placement Records

Student Club: Yantrashilpa, SAE India

DEPARTMENT OF MATHEMATICS



Dr. Bhupendra Parashar

**Head of the Department
& Alumni Co-ordinator**

VISION

To strive for excellence in Applied Mathematics and promote interdisciplinary collaborative research leading to futuristic solutions.

MISSION

To empower students with applied Mathematical knowledge that will enhance their problem solving capability.

To encourage Faculty to engage in interdisciplinary research activity and scholarly writing.

To give an exposure to real world problems and methods of solving and using tools and techniques of Mathematics.

The role of Mathematics in Engineering is very important and so is the role of subjects taught by Mathematics Department. The most important branches of Mathematics applicable to Engineering are Linear algebra, Geometry of two and three dimensions, Trigonometry, Calculus (real, vector and complex) Differential Equations and Operation Research. Civil Engineering depends greatly on Geometry, Calculus, both real and complex whereas Computer Science (Information Technology) and Engineering is largely dependent on Algebraic structures, combinatorics; logic and number theory. Mechanical and Electrical Engineering heavily utilize Calculus, Linear Algebra, Differential Equations and Numerical Analysis. Electronics and Communication, Instrumentation and Control Engineering employ integral transforms and techniques (Transform methods).

The Department of Mathematics of JSSATE, NOIDA was initiated in 1998 with one lecturer. The Department now has 1 Professor, 1 Associate Professor and 9 Assistant Professors with 6 members having Doctoral Degree. Team effort has produced consistently good results over the years.

The Department encourages Faculty to engage in research activity and scholarly writing for the benefit of student community and teaching fraternity, besides offering Doctoral programme as an established research centre. Consultancy in interdisciplinary research work is also being provided as part of service facility.

Over the years, the Department has contributed tremendously in imparting a strong Mathematical foundation to students, an essential pre-requisite for producing the best Engineers who are now excelling in their professions not only in India but all over the world.

**Mathematics is the Alphabet in which God
has written the Universe - Galileo Galilei**

DEPARTMENT OF PHYSICS



Dr. Richa Verma

Head of the Department

VISION

To be a centre of excellence for teaching and interdisciplinary research and to develop innovative and high calibre Scientific and Technological manpower with world class understanding of Applied Physics.

MISSION

To impart knowledge in Applied Physics through well equipped physical and virtual laboratory.

To encourage Faculty to engage in interdisciplinary research activity and scholarly writing.

There is a symbiotic relationship between Physics and Engineering. Broadly speaking, Engineering is mainly Applied Physics. The present day technological developments have been a result of the joint efforts of Physicists and Engineers.

The Department of Physics provides a strong Physics background which is an essential prerequisite to excel in any branch of Engineering. The Department has well established state-of-the-art laboratories. It also has state-of-the-art instruments and students are trained to handle instruments like CRO, Optical Fiber Kit, Ultrasonic Instruments, and Creation of Vacuum etc.

The Department of Physics is one of the research centres of the University. Faculty are engaged in Research and Development activities in the area of Condensed Matter Physics, Statistical Mechanics, Analog VLSI design and Nuclear Resonance etc. Currently there are 13 Faculty members and most of them are Ph.D.

If you cant explain it simply, you don't understand it well enough - Albert Einstein



DEPARTMENT OF CHEMISTRY



Dr. Roli Verma
Head of the Department

VISION

The Department of Chemistry strives to provide state-of-the-art educational and research environment that builds foundation for excellence in solving analytical problems and understanding the relationship between physico-chemical & biological processes besides promoting sustainable interdisciplinary collaborative research.

MISSION

- To awaken the young minds and discover their talent both in theory and in practical aspects, by adopting innovative teaching methods.
- To adopt latest tools & techniques in Chemistry and upgrade research labs.
- To establish linkages with National / International laboratories to promote collaborative research.

Chemistry is a central science linking Physics, Mathematics and Computer Science & Engineering on the one hand, and Mechanical, Electrical, Chemical Engineering, Biotechnology Biomedical Engineering and other fundamental and applied disciplines on the other. Rapid progress in the subject has caused to keep pace with teaching Chemistry to budding Engineers who will have to deal with chemical processes during their career.

We have to conserve the Environment not merely for the preservation of the rich Biological Biodiversity, Natural resources or for aesthetic value, but for sheer survival. Therefore Engineers need an understanding to the important aspects of Non-conventional sources of energy and Green Technology to attain the goal towards sustainable development.

The objective of the Department is to impart adequate fundamental knowledge in Chemistry to Engineering graduates as well as to carry out Research and Development activities. The Department collaborates with Technical Departments and provides scientific stimuli so as to build a solid foundation in the new emerging technologies.

The Faculty members emphasize more on new scientific methods, chemical enquiry, critical thinking, data acquisition and effective communication in classes. The Department prides itself on preparing the students through Projects, Workshop and Seminar for a creative career in Industries, Academia and Government agencies.

**The important thing is not to stop questioning,
not to stop research
-Albert Einstien**

DEPARTMENT OF ENGLISH



Dr. Pranava Manjari
Head of the Department

VISION

The Department of English endeavours to operate successfully to help students gain competence in English Language skills together with facilitating to broaden the focus from employability towards sustainable development and Engineering ethics.

Our primary task would be the twin objective of creating not just "employable" but also "socially-responsible" engineers.

MISSION

Awakening and developing the potentiality of students for Language Learning

Introducing co-curricular activities (Debates, Essay-writing, Role-Play, GDs, Group Presentations etc).

Adopting the traditional approach of learning through the Dictionary and the enriched approach

Counseling students on the concept of "BROAD-BASED PROFESSIONAL"

Convincing them that "ENGINEERING IS TO BE VIEWED AS A SOCIAL AS WELL AS A TECHNICAL PROCESS".

We believe we have broken free from the shackles of "Lecturing" and "teaching without lecturing". We facilitate the learner to reflect and produce language. The teacher interferes in the process only where necessary.

The concept of creating not just "employable" but also "socially-responsible" Engineers comes into play. A peremptory attitude demonstrated by Engineering students for things that are not in the framework of their Syllabus and therefore not important to know, is carefully and steadily discouraged by Teachers.



**The aim of Argument, or of
Discussion should not be Victory,
but Progress - Joseph Joubert**

INDUSTRIAL CONCLAVE 5.0



The Industry Convention was a meeting ground for Industries related to Renewable Energy. The students had a one-on-One interaction with the Industry experts. The questions they had regarding the expectations of the industry were answered. All Industry representatives were given the Placement brochure as an introduction to the institute and were further invited for expert lectures, internship and placements of our students

Significant Happenings



Alumni Meet 2018 held in the Academy on 01.09.2018, Inauguration by Sri Pankaj Singh, MLA, Noida



Dr. Rao, Academic and Sports Excellence Award Function



Visit of High Level Delegation of Ministry of Education Government of Kuwait



International conference ICCCSEMS-2020



Prof. M.H. Dhananjaya at JSSATEN



Smart India Hackathon - SIH 2019: The following Teams won first prize of Rs.50,000/-



The third edition of TEDxJSSATE,



Staff Council Meeting

**COMING TOGETHER
IS A BEGINNING
KEEPING TOGETHER
IS PROGRESS
WORKING TOGETHER
IS SUCCESS**

DEPARTMENT OF MANAGEMENT STUDIES

MBA



**Management is efficiency in climbing the ladder of Success
Leadership determines whether the ladder is leaning
against the Right Wall - Stephen Covey**

VISION

To impart Management Education with the latest pedagogical tools and techniques to students, chartering successful careers in global organizations for them, and provide enabling learning environment so that the Department becomes a "Centre of academic excellence and advanced research in the domain of Management."

MISSION

To offer industry-oriented and high-quality graduate and post graduate programs in Management to our students and prepare them for a professional career and/or for Higher Education in Management. To promote excellence in teaching, research, collaborative activities with the industry and positive contributions to society, so that the students possess the necessary competencies that enhance organizational performance.



Dr. Yogendra Singh
Head of the Department

The Department of Management Studies functions with the key objective of ensuring that the students who join the post-graduate program (MBA) become competent professionals, possessing the necessary skill sets, to not only gain entry into the professional world but also to have accelerated professional growth. This opens up avenues of employment in global organizations be it for profit or non-profit on one hand and on the other to also become successful entrepreneurs. Towards achieving this objective the department imparts critical thinking skills to the students, apart from the integration of the content (curriculum), delivery of content (pedagogy) and assessment system, leading to the student graduating from lower order thinking skills to higher order thinking skills. Students assimilate the fundamentals of operating diverse businesses across the globe, analyze the business environment, and set performance indicators, collect and analyze data on the performance for decision making resulting in efficient utilization of business resources. This process begins with aligning the content, assessment and delivery, to designing the learning modules, courses, and programs which is pivotal to OBE system, thereby contributing towards augmenting the state of art learning processes in management education. Apart from their role as teachers, faculty members are encouraged to become designers of learning environment, and processes leading to valuable learning experiences.



One person with belief is equal to a force of ninety-nine with only interests.

Established: 2004

Courses Offered:

Master of Business Administration
Student Intake: 60

Electives Offered:

Marketing Management
 Human Resource Development
 Financial Management
 Information Technology

Our Strengths:

Infrastructure: State- Of- The- Art Labs
 With R & D Facilities

Research Areas:

- - Strategic Management in Telecommunication
- Strategic Management of Technology and Corporate Performance Measurement
- Industrial Relations and Labour Laws
- Financial Accounting
- Behavioural Finance
- Security Analysis and Mathematical Finance
- Management Information Systems
- Human Resource Management

Significant Achievements:

- Ashish Sharma, MBA IV Sem student has emerged as a Topper (Rank 1) at Regional level and qualified for the National Level of STOCKMIND CONTEST organized by ICICI Securities. He also has won the best project award in HR category for his project titled "IMPACT OF KNOWLEDGE MANAGEMENT ON THE HR PRACTICES IN NTPC" by Ghaziabad Management Association on the occasion of their 25th National Convention at Hotel Country Inn Suits, Sahibabad.
- Dr. Yogendra Singh, Assistant Professor has received "Indira Gandhi Samrasta Gratitude Gold Medal Award" and "Shikshak Shree Award".

Student Club:

Connoisseur

INSTITUTION INNOVATION CELL

Under MHRD, Govt. of India

A creative and inventive platform to interested individuals for grassroots innovation in Science and Engineering.

We have been witnessing a lot of changes in Education Systems across the world and there is polarization among different disciplines where ideas are converging towards creation of interdisciplinary products. It is necessary to identify the group of students who have enthusiasm and ideas in creating new products.

The Institution Innovation Cell has been setup in the Academy under MHRD to provide a platform for promotion of interdisciplinary collaborative research and support innovations. The main objective of this Cell is to create as many IPR,s as possible in every possible area. The faculty members from all departments are responsible for driving this activity.

The objectives of this Centre are –

- (1) To create awareness among the students about the need for innovation and out-of-the-box thinking leading to new ideas.
- (2) The creation of Intellectual Property Rights (IPR) to promote how simple ideas can lead to bigger contribution by adopting online Engineering approach.

Some of the ideas that created interesting projects during 2014 are listed below:



Hydraulic Bridge: The bridge opens to let water traffic pass.



Hydraulic Robot: Robotic arm with three dimensional movement.



Solar Car: Conventional Energy harnessed through Photo-Voltaic Cell in a car and a special Generator to show charge being carried from gear to conserve this energy and roll on the one point to another through a rotating belt.



True innovation is coming up with a Product that the Customers didn't even know they needed.

Smart India Hackathon

Our Hon'ble Prime Minister, Shri Narendra Modi, envisages a Digital India to bridge the digital divide in our country and further promote digital literacy in order to make development a comprehensive mass movement and put governance within everyone's reach in India. In order to work towards our PM's vision, MHRD, All India Council for Technical Education (AICTE), Inter Institutional Inclusive Innovation Center (i4C), and Persistent Systems organized Smart India Hackathon 2017, a unique initiative to identify new and disruptive digital technology innovations for solving the challenges faced by our country. The initiative was a huge success. To reiterate the efforts towards our PM's vision, MHRD, AICTE, i4C, and Persistent Systems is proud to propose the 2nd edition of this initiative – Smart India Hackathon 2018.

JSSATE was Nodal Centre for year 2017, 2018 & 2019



Smart India Hackathon 2018 (Software Edition) inaugurated by Dr. Mahesh Sharma ji, Hon,ble Minister of Culture, GOI



Shri Prakash Javedkar Ji, Hon,ble HRD Minister, GOI during Smart India Hackathon 2018 (Software Edition) in LIVE session with our Hon,ble Prime Minister Shri Narendra Modi Ji.



Students doing coding in SIH 2018

Nurturing the Global Leaders



Mr. B.E. Girish

Physical Education Director

The sports association of JSSATE, NOIDA organizes an Annual Sports Fest - "MYTHRI". The event marks several sporting activities in which students participate enthusiastically and win prizes.

Adventure is not
outside a man,
it's within.
- David Grayson



Badminton Team of JSS

Fortune Favours the Bold



Only those who dare
to fail greatly can ever
achieve greatly.



Training & Placement

The Training & Placement Centre, JSSATE NOIDA facilitates the process of placement of students graduating from the Institution, besides collaborating with leading Organizations in setting up of internship and training programmes for students.

The Centre liaises with various industrial establishments, corporate houses etc which conduct campus interviews and select graduate and post-graduate students from all disciplines. The Training & Placement centre provides the facilities to conduct Group Discussions, Tests and Interviews, besides catering to other logistics. The Centre interacts with many Industries in the country, of which nearly 500 companies visited the College since its inception. The industries that have approached the institution are from:

- Core Engineering industries
- Software development & IT enabled services
- Manufacturing Industries
- Consultancy Firms
- Finance Companies
- Management Organisations

The Placement runs through the academic year, beginning last week of July to next June. Pre-Placement Talks are given by the Company at the commencement of each campus drive. Job offers, dates of interviews, selection of candidates etc. are announced by the Companies through the Training & Placement centre.

A gem cannot be polished without friction, nor man perfected without trials



Dr. Parveen P. Terang
Training & Placement Officer



STUDENTS OFFERS	
3-5 LPA	: 603
5-9 LPA	: 182
10-19 LPA	: 49
20-30 LPA	: 13
40 LPA	: 1
45.25 LPA	: 1
57.32 LPA	: 1


OUR ESTEEMED RECRUITERS (PLACEMENTS & INTERNSHIPS)

- PAYPAL
- HANU
- PAYTM
- BODMAS
- CINIFGLOBAL
- GRIFEO
- DAFFODIL
- NEWGEN
- HEXAWARE
- INFO EDGE
- WISTELJ
- CRATERZONE
- ISGEC
- HCL(PC)
- JK TECHNO SOFT
- JARO
- CORPSEED
- BEGAPT
- WIPRO
- AMAZON
- TCS
- TGPEL
- CERTYBOX
- EDUGRAD
- APPINVENTV
- RAPIPAY
- IMPETUS INDIAMART
- VISUDHAAJIVAM
- WORLD FASHION
- GEMINI SOLUTION
- QTECH GLOBAL
- RURAL ENGG. DEPT
- BHEL, HARIDWAR
- NE RAILWAYS
- PGCIL
- PURE SOFTWARES
- ISRO
- CRIS
- ATS INFRASTRUCTURE
- CAMPUS COMPONENT
- CONTAQUE / AVISSOL
- INDUSTRY BUYING
- PHEUTURE
- RAPIDPAY*2
- NAYAN
- APPSIERRA
- FUSION STAK
- IT CONVERGENCE
- IGT SOLUTION
- WILEY
- SOPRA STERIA
- CONDUENT
- INSIDE VIEW
- ACT
- INDIAMART(MBA)
- INFOSYS
- CYBROTECH DIGIVENTURE
- HCL(MIET POOL CAMPUS)
- COFORGE(FN)
- TALENTSERVE
- KNOCIAL INDIA
- BYJU'S
- EBIZON DIGITAL PVT LTD
- INFOGAIN
- PEOPLE STRONG
- ION GROUP
- AXTRIA
- ZIA
- MONTE CARLO LTD
- NBCC
- PWD, BASTI
- NATIONAL CPWD
- DMRC
- KDA
- NOIDA AUTHORITY
- AMAZON
- METVY
- ADOBE
- JUSPAY
- DARE2COMPETES
- HL
- PRATHAM
- GRIFEO*
- JUBLIANT FOOD AXTRIAANALYST
- ENERGIZER
- MUVRO TECHNOLOGIES
- GEBR. PFEIFFER
- SOTI INDIA
- GETFAREYE
- CONDUENT**
- NEOSOFT
- TSYS
- DELL
- SOL
- LIBSYS
- CAVISSION
- HCL
- REMOTESTATE
- GRADEUP
- ORRENT
- BEL
- PWD, DELHI
- NTPC, DADRI
- BHEL, VARANASI
- NODE SYSTEM & CONTROL
- UPPCL
- C&S ELECT. PVT. LTD
- UPPWD
- DRDO
- L & T
- NORTHERN RAILWAYS
- TATA PROJECTS
- BHEL, JHANSI



Alumni

Who keep the Banner of JSS Flying High...



Mrityujay Sharma
57.32 LPA
prodat



Kumar Kislay
45.26 LPA
amazon



Dheeraj Kotwani
40 LPA
zomato



Shantanu Rathore
Juspay 27 LPA



Yashi Gupta
Juspay 21 LPA



Piyush Chaudhary
Juspay 21 LPA



Anunay Anand
Kronos 15 LPA



Yashi Srivastava
ION 14.1 LPA



Rajat Bhardwaj
Extramarks 12.4 LPA



Kalpiti Prajapati
Extramarks 12.4 LPA



Shivani Gupta
Extramarks 12.4 LPA



Siddhant Singh
Extramarks 12.4 LPA



Mukul Upadhyaya
Extramarks 12.4 LPA



Sonam Yadav
ISGEC Heavy
Eng. Ltd.
6 LPA



Pranjal Sharma
ISGEC Heavy
Eng. Ltd.
6 LPA



Nikhil Chauhan
ISGEC Heavy
Eng. Ltd.
6 LPA



Aman Tripathi
ISGEC Heavy
Eng. Ltd.
6 LPA



Divakar Chaudhary
ISGEC Heavy
Eng. Ltd.
6 LPA

The Gems from past few years



Kshitij Mall (Student of ME – 2010)
Completed Phd in Aerospace Engineering
from Purdue University, US
Joined India's Man Space Programme
as an Astronaut



Swati Malival
Chairperson
Delhi Commission for Women.
Student of IT – 2002-2006

It is said that the Alumni are the barometers of an institution's success story. JSSATE, NOIDA proudly presents some of the Alumni who have made it big and are pursuing glowing careers in highly-reputed organizations



Shashank M Tripathi
IAS



Vaishali Yadav
IES Officer



Mr. Abhishek Singh
IAS Allied



Anuj Swaroop
IFS



Vipin Sahu
Co- Founder WEBKUL



Abhishek Verma
IPS



Debarati Banerjee
GOOGLE



Manoj Upadhyay
Dy Advisor, NITI Aayog



Ved Prakash Rastogi
Chief Manager PGCIL



Nivesh Arora
Entrepreneur



Apoorv Vivek
SAMSUNG SARC USA



Vineet Jaiswal
IAS



Prachi Lal
CITI BANK



Nikhil Tiwari
IOFS, MoD, GOI



Amit Yadav
IES



Diksha Sharma
ISRO



Vinia Gautam
IES-Indian Railways



Praseon Kumar Dwivedi
OSD, Noida Authority

STUDENT'S Recent ACHIEVEMENTS



Shreya Gupta
University of West of Scotland
8 Lakh Scholarship



Shreyanshu
Qualified GATE2022
with AIR 1172



Arjun Kesharwani
Qualified GATE2022
with AIR 2947



Manvi Chaudhary
1st position in
ZONAL LEVEL AND
STATES LEVEL (BASKETBALL)
SPORTS FEST, 2021-22



Syed Hasan Askari Rizvi
GRE : 299
IELTS: 6.5



Vaishnavi Varshney
Qualified CAT2021
with 95.07 percentile



Sabchit Bhandar
Qualifies for Team India
Representing India in the
World Skate Championship in Argentina
GOLD MEDAL - NATIONAL GAMES 2022

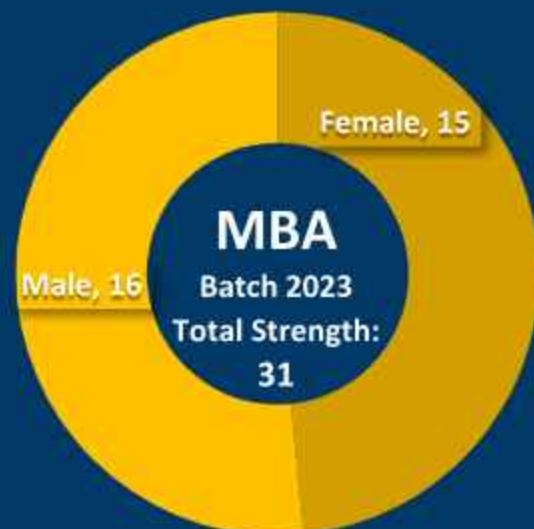
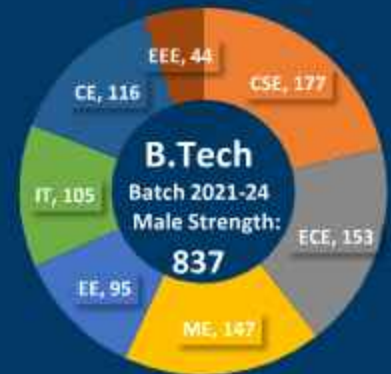
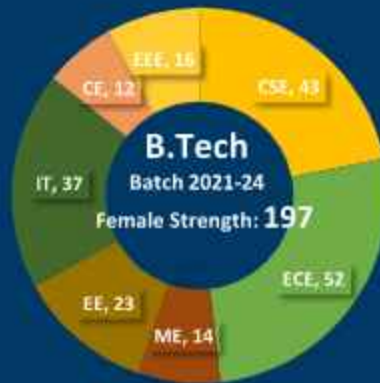


Four students from the
department presented their idea
in Singapore Space Challenge 2020



Team Albatross 8 from
JSS Academy of Technical Education, Noida, presenting
virtually at International Space Challenge 2022

JSSATEN Demographics





**JSSATE- Science & Technology
Entrepreneurs Park
STEP**

Nurturing entrepreneurial spirit in technocrats to solve problems locally and globally.

JSS ATE STEP is a not-for-profit entity and is engaged in the promotion of entrepreneurship and acts as a catalyst in business establishment and success of the business ventures incubated with it. It is located in the campus of JSS Academy of Technical Education, NOIDA.

Starting in 2004, the JSS STEP business incubator is India's first Technology Business Incubator (TBI), supported by DST under the TBI scheme. The aim of the business incubator is to invite, enable, and thrive the technology ventures (also called start-ups) through sharing knowhow, mentorship, connections, and funds. JSS ATE STEP has successfully incubated over 160 Start-ups physically and 90+ virtually (outside the region). As on December 2019, together they have generated over 1890 jobs and created revenue in excess of Rs 200 crore. Success ratio of the Start-ups from this centre has been very high 38% in comparison to industry's 14%.



Dr. PKB Menon
Consultant, STEP

JSS STEP has the vision to catalyze and promote the development of knowledge-based and innovation-driven technology ventures that promote employment opportunities amongst youth.

The key objectives of JSS STEP include:

1. Identify, engage and hand-hold potential ideas to convert into a formal business opportunity;
2. Support founders in capacity and capability building;
3. Build knowledge pool of mentors, suitable for new ventures and provide them on demand;
4. Engage with govt. departments and private investors to create a channel of their funds to reach deserving technology ventures;
5. Understand challenges from founders and if a pattern emerges, take them to the Govt, for policy intervention;
6. Create opportunities for cross-subsidization of certain services by negotiating with vendors;
7. Enable local, national, and/or global market access through connections and partnerships and facilitate it to its incubated ventures;

JSS STEP is well connected with corporate, venture capitalists & angel investors and govt. departments and agencies.

JSS STEP business incubator is backed by JSS Mahavidhyapeetha, Mysore (www.jssonline.org) – 300+ institutions in Education and Healthcare, in India and Abroad.

Eco Friendly Initiatives

MAKE A BIG IMPACT BY MAKING LITTLE IMPACT



**Solar Energy Plants
(300 Kwp)**



**Rain Water Harvesting
(16 units)**



Green & Clean Campus



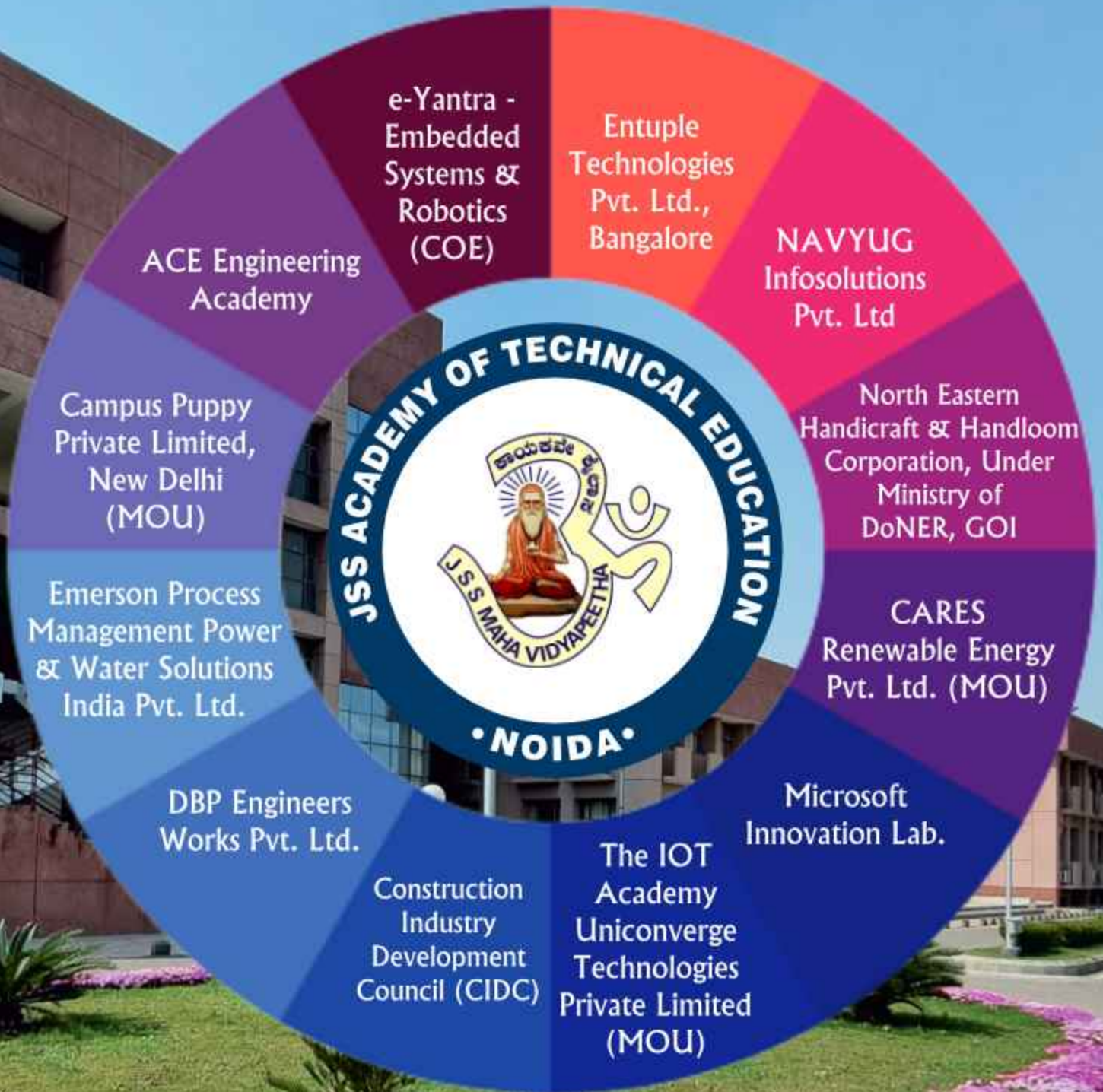
Sewage Treatment Plant

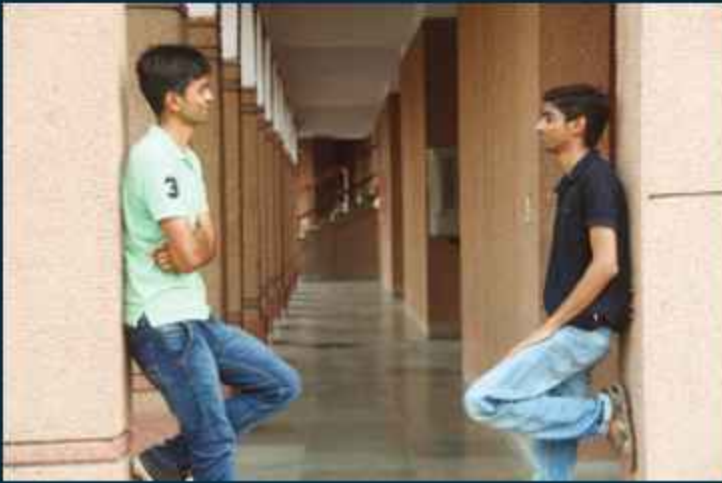
SOCIAL OUTREACH PROGRAMS

- PRADHAN MANTRI
KAUSHAL VIKAS
YOJANA (PMKVY)**
- SANSAD ADARSH
GRAM YOJANA (SAGY)**
- UNNAT BHARAT
ABHIYAN**
- BHARITIYA
SANSKRITI GYAN
PARIKSHA**
- SWACHH BHARAT
ABHIYAN**
- AKSHARGYAN**



JSSATEN COLLABORATORS & MOUs





Life at JSS is not just studies and attendant pressures. It is both competition and midnight coffee. It is assignments and long chats. It is lab work and birthday bumps. It is both meticulous work on projects and also playing pranks.



ZEALICON (Fest of JSSATE, NOIDA)

Smt. Rani Khanam's Rythmic tapping of the feet left us mesmerized. We paid tribute to the spiritual Guru, Dr. Sri Rajendra Mahaswamiji, a movement that lends meaning and purpose to our existence. Showcased here is also a celebration of the cultural festival of Kannadigas living outside Karnataka.



Kannadigas



**In the sylvan surroundings,
we teach, we learn, we grow.**

LIFE AT JSS



Cultural Festival

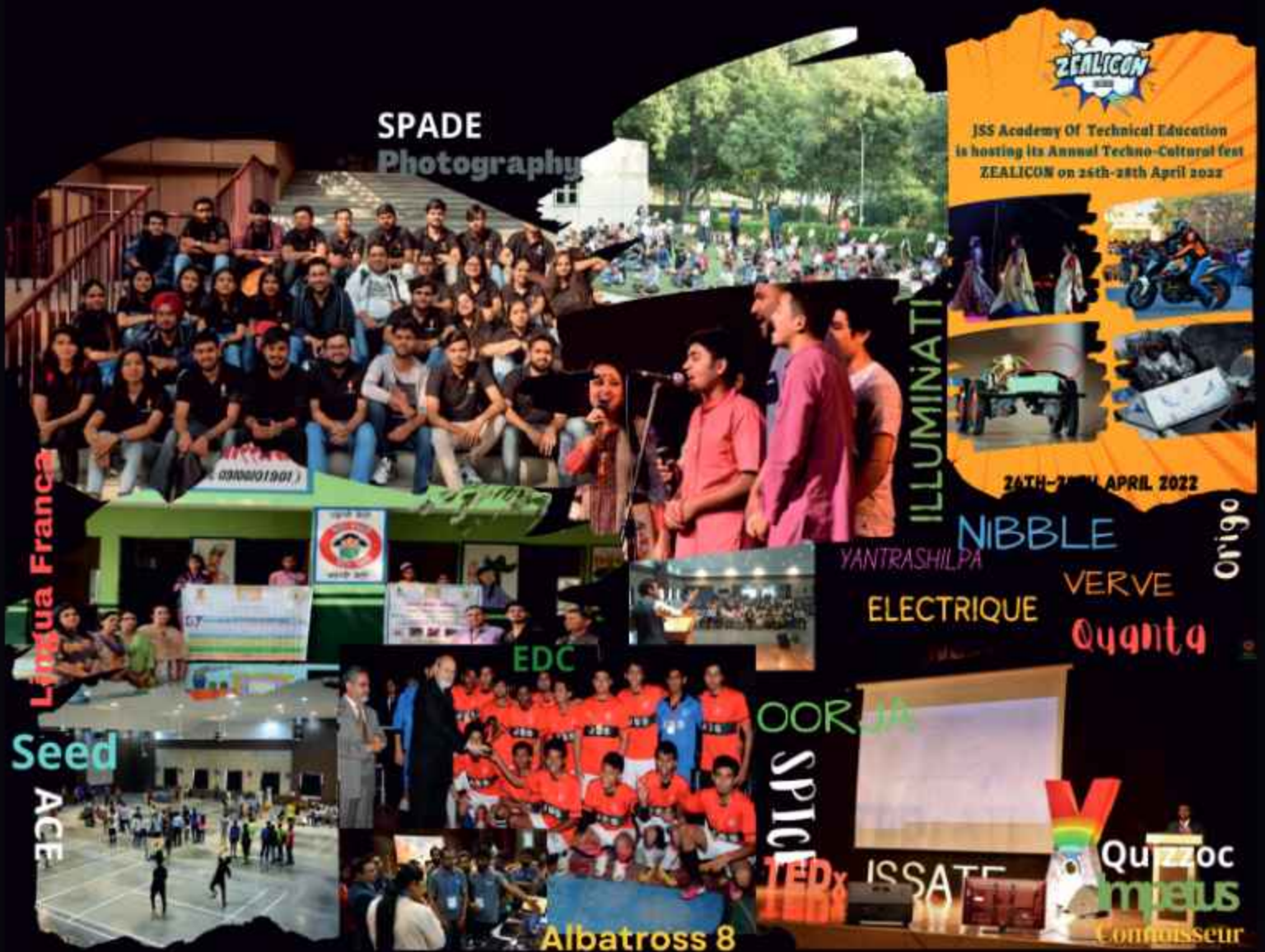


Tribute to Dr. Sri Rajendra Mahaswamiji



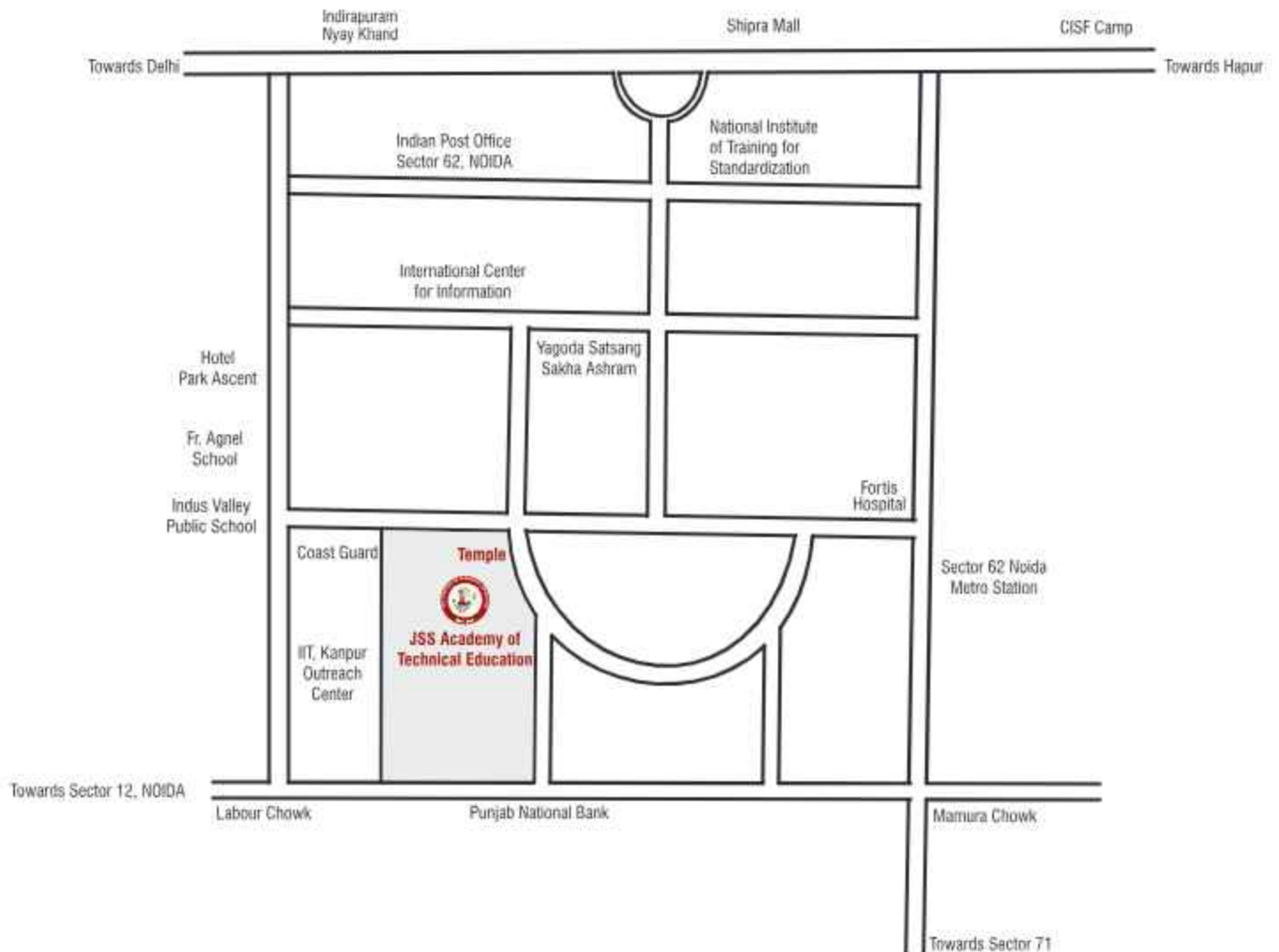
Smt. Rani Khanam's Kathak

TECHNICAL, CULTURAL & SOCIAL ACTIVITIES



JSS Academy of Technical Education, Noida has placed equal emphasis on academics and extracurricular activities. Both educational, co-curricular, and cultural activities are critical for students' entire development, according to the Institute. The college has built a platform called "ZEALICON" a Techno-Cultural Fest to encourage students to participate in various activities. Every year, the college hosts a variety of technical and cultural events using this platform.

Welcome to JSSATE, NOIDA



JSS Administration

Dr. Amarjeet Singh	Principal, JSS Academy of Technical Education	0120-2400098
Cmde. B.K. Gupta (Retd.)	Chief Administrative Officer	PBX Exn - 203
Shri N.S. Manoj Kumar	Accounts Officer	PBX Exn - 209
Dr. S.S. Shirur	Registrar	PBX Exn - 214

An important note:

Students are instructed not to indulge in Ragging or any such activity because Ragging is a criminal offence. All students should remember that they may run the risk of police action and rustication, according to the law, laid down by the 'Hon'ble Supreme Court' vide order dated 16th May 2007.

Address : JSS Academy of Technical Education,
C-20/1, Sector 62, Noida, Uttar Pradesh 201301
Website : www.jssaten.ac.in

