



# SATYAM SHIVAM SUNDARAM GROUP OF INSTITUTIONS

knowledge • innovation • leadership

## { Transformation } begins with education

Sr. Sec. Schools • ITI • Polytechnic • Engineering • Media • D.El.Ed • B.Ed

KURMA UNIVERSITY

| An upcoming project



our  
ethos



Education is the most powerful  
weapon which you can use to  
change the World.

**Satyam Shivam Sundaram Group of Institutions** is a confluence of new-age learning centres which are providing quality education with moral and cultural values for several years across different regions of Bihar. All these institutions have come a long way and enjoy a reputation for excellence in academics, sports and cultural activities.

## Our Mission

Our mission is to nurture the enormous talent of the students by providing them inspiring ambience in which students feel highly motivated to strive in a diligent and dedicated manner. They will be equipped with the skills and strengths that they need to cope with the challenges that life has in store for them.

### We are committed to:

- Offering best quality education to students
- Producing skilled manpower, meeting international standards and global requirements
- Ensuring optimum utilization of available resources
- Providing transparent and efficient administration
- Conducting job-oriented courses in appropriate technologies for the benefits of society
- Interacting with industries, alumni and society by offering mutually beneficial services, creating unshakable trust and maintaining high moral standards

## Our Vision

To emerge as a group of institutions which not only imbibes new ideas and knowledge among talented young minds but also sensitizes them towards social responsibilities they have as young citizens of India. Further to this, SSSGI endeavours for total quality management.

### The Institutions will strive to achieve this vision by:

- Developing a team of dedicated and competent staff in excellence-oriented learning environment
- Mutually beneficial and constructive interaction with corporates to develop industry-institution relationship
- Strengthening community services by developing young human resource
- Inculcating the qualities of leadership, skills and values by infusing inquisitiveness and time-honoured virtues in the students



# welcome

"Strive for perfection in everything you do. Take the best that exists and make it better. when it does not exist, design it."

## Chairman's Welcome

" It is with a great sense of pride that I welcome you to Satyam Shivam Sundaram Group of Institutions, I am delighted that you are considering our Institution for your education. You are going to be part of a group, which is the pioneer of quality education in the country for decades."



Mr. Shanker Kumar

I believe we all have different aptitudes and if we recognize our true potential, we will excel.

Albert Einstein, the greatest of all modern scientists, said 'imagination is more important than knowledge, knowledge is limited. Imagination encircles the world'.

Our institutions provide best platform to let free the young minds, to feed in new ideas in the techsavvy world.

Dear Students, in the years to come you will emerge as the youngsters who will be creative, innovative, enthused, righteous and passionate. With all these strengths you will compete well and succeed for sure. With our unflappable value system, you will make the great contribution to the society and you will command a lot of respect in your life.

Besides our cutting-edge teaching facilities and programmes, we are also very proud of our dedicated and caring faculty members. The strong culture of caring at our institutions ensure that every student is given opportunities to explore his/her interests beyond the academic specialization, with the guidance of our staff.

" Everything you imagine is real"

"Wishing you all the ability to imagine that can help you succeed"

I invite you to join Satyam Shivam Sundaram Community and be a part of a journey that will beQuote from the current prospectustransformational.

“

We must view young people not as empty bottles to be filled, but as candles to be lit.

- Robert H. Shaffer

From science fiction movies to reality, it has taken less than 50-60 years for artificial intelligence and machine learning to reach a level where it is today. It means in next 10 to 15 years machines might be as intelligent as human beings to carry out specific tasks allocated to them. The question is how it will impact the future generations and what we need to do now to make them future ready?

While I am emphasizing on future, we still need to focus on the present. We still need to prepare talented, dispassionate, broad minded, competent, trustworthy and resourceful individuals and ingrain discipline, values and culture into them to make them good Human beings who are capable of becoming global citizens.

Educational curriculums create boundaries. While respecting these boundaries we need to make them expandable. Knowledge today is shared globally irrespective of time, distance, geography or language through World Wide Web and Social Media Platform. Children of today need an education that prepares them to meet the challenges of a competitive and ever-changing world. While academic strength is essential to survive, they need great Communication and thinking skills, strong character and an attitude to be lifelong learners. "Learning to Learn" and "Learning to Unlearn" will be the new mantra to be successful in the world of AI and ML.

At Satyam Shivam Sundaram Group of Institutions our aim is to educate a child in such a way that he develops all his positive inherent qualities. He should be enabled to decide what is right and what is wrong and to develop optimistic attitude towards various aspects of life.



**Rahul Kumar**  
Academic Director

In education, we have a great opportunity to make a real difference in the lives of our students, their families, the society and the nation as a whole. In all the institutions associated with Satyam Shivam Sundaram Group of Institutions everyone is aware of this fact that the future of the nation rests upon the shoulders of the young and therefore teaching at all our institutions is spirited, enthused, concerned and compassionate. It is this kind of teaching that is producing glorious results.

Our ambition is to see our students emerge as inquisitive, innovative, intellectually cultivated, and environmentally responsible individuals who will perform their profession successfully with a sense of great leadership and responsibility. Everyone who is associated with Satyam Shivam Sundaram Group of Institutions in any capacity is fully determined to iron out the rough edges of the students so that they may all have a well-rounded personality.

As a young and modern group of Institutions, we are strongly committed to provide a caring and conducive learning environment with best of infrastructure, which will help in a student's holistic development. The focal objective of the Satyam Shivam Sundaram Group of Institutions is to help its students become independent learners who are confident of their own abilities. We encourage you to come and join this conducive learning environment at Satyam Shivam Sundaram Group of Institutions, which offers the opportunity to experience the wisdom of the Indian values and the rationality of the contemporary education at the same time.



**Om Narayan**  
Managing Director

# Centres of Educational Excellence





## OUR INSTITUTES

Satyam International Institute of Technology (Polytechnic)  
PATNA

Approved By A.I.C.T.E. (Govt. of India) and Affiliated to S.B.T.E., Bihar

Satyam International Institute of Higher Studies (B.Ed & D.El.Ed)  
PATNA

Approved BY N.C.T.E., and Affiliated to Patliputra University

Shivam Institute of Technology (ITI)  
PATNA

Approved By N.C.V.T. (Govt. of India)

Satyam Educational Campus  
(Upcoming Engineering & Media College), GREATER NOIDA

Satyam Skill Centre  
Patna, Begusarai, Jehanabad and Nalanda  
Under PMKVY Project

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## OUR UPCOMING PROJECT

Kurma University, Jehanabad, Bihar

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## OUR SCHOOLS

All the schools of our group are affiliated to C.B.S.E. Board up to 10+2 level

Shivam Convent  
Patna

Shivam Residential Public School  
Nalanda

Delhi World Public School  
Greater Noida

Eklavya Educational Complex  
Palanga, Punpun, Patna

St. Jude's Vidyalaya  
Barauni

Satyam International  
Gaurichak, Patna

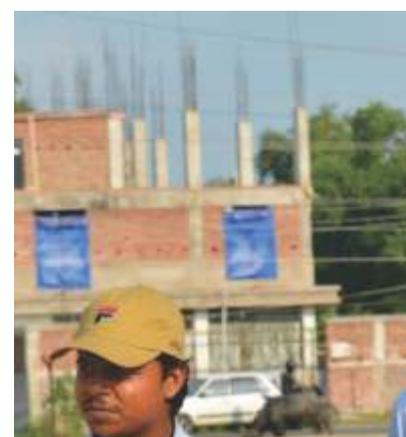
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Key strengths of educational Institutes under the aegis of "Satyam Shivam Sundaram Group of Institutions" are:

- Planned and prepared teaching
- Student centered working
- State of art infrastructure
- Emphasis on strengthening moral values
- Earnest efforts to enable the children to think well, learn well and express well
- Excellent results
- Highly qualified and compassionate faculty members.

# SATYAM INTERNATIONAL INSTITUTE OF TECHNOLOGY (POLYTECHNIC, Patna)

Approved by A.I.C.T.E. & Affiliated to S.B.T.E.





## POLYTECHNIC

Satyam International Institute of Technology is a place where raw talents are shaped, guided and polished to emerge as thorough professionals in the highly competitive knowledge-based world. It has been designed to play a key role to produce performance-oriented professionals who will excel in their respective fields.

## Courses offered

3 Year full time Diploma in Engineering & Technology

- Civil Engineering
- Mechanical Engineering
- Computer Science & Engineering
- Electrical & Electronics Engineering

## Facilities

- Wi-Fi Campus
- Well stocked library
- State of Art Laboratories & Workshops
- Sports facility
- Transportation
- Hostel (For Boys and Girls)

# Course Information

## DEPARTMENT OF MECHANICAL ENGINEERING

Mechanical Engineering is one of the oldest and broadest engineering branches and hence one of the most preferred one by the students who want to pursue engineering. It is a diverse subject that derives its breadth from the need to design and manufacture everything from small individual parts and device to large complex systems.

The role of a Mechanical engineer is to take a product from an idea to the market place. In order to accomplish this a broad range of skills are needed.

Mechanical Engineers use the core principles as well as other knowledge in the field to design and analyse motor vehicles, heating and cooling systems, manufacturing plants, industrial equipment and machinery, robotics, medical devices and more.

Our Mechanical Engineering department has been planned on modern lines with state-of-the-art facilities to be utilized for training of students. This department produces industry ready diploma engineers. The department is equipped with state-of-the-art laboratories and workshops to ensure that students learn the practical aspects of engineering.

### Labs

Strength of Material Lab  
Hydraulics Machines  
Materials and Metallurgical Lab  
Refrigeration and Air Conditioning Lab

### Workshops

Welding Shop  
Carpentry Shop  
Machine Shop  
Paint Shop

### Career Opportunity

India has set itself an ambitious target of increasing the contribution of manufacturing output to 25 percent of gross domestic product (GDP) by 2025 from less than 16 percent currently. With the focus on "Make in India", India is slated to emerge as the global manufacturing hub. Which will lead to a lot of opportunities for mechanical engineers, who with breadth of their knowledge will get a variety of career options.

Candidates with Diploma get job opportunities in Government sector offices, Automotive Industry, Heavy machinery, Production, Sales, in workshops, Garages etc. Companies like Voltas, ACC Ltd., BOSCH, TATA Motors, Mahindra, Hindustan Unilever Ltd., InfoTech, Maruti Suzuki etc hire Diploma engineers for roles in manufacturing, quality, procurement, sales etc.





## DEPARTMENT OF CIVIL ENGINEERING

Civil Engineering is considered to be the most versatile branch among all the engineering branches. It is a branch with a lot of diversity. It is a professional 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. Civil Engineering can be considered the single largest branch among all the engineering branches.

This department aims at equipping the students with theoretical knowledge and practical skills required for operational, construction and maintenance aspects of civil engineering projects.

The program is designed to develop knowledgeable and creative engineers with strong capabilities for innovation and management. With our rigour and training civil engineers from our department gets adequately prepared to be accepted globally.

### Labs

Survey Lab  
Soil & foundation Engineering Lab  
Highway Engineering Lab  
Concrete Technology Lab  
Building Construction and Engineering Material Lab  
Water Supply and Sanitary Engineering Lab

### Career Opportunity

Students choosing Civil Engineering as their career have a wide variety of job opportunities in both the Public and Private sector. This course provides job opportunities in Public Works Department, Irrigation Department, Roads and Buildings construction, Railways, Water Supply, Survey, Drawing, Contractors and as Draftsman in private and government sector. Companies like L&T, Gammon, GMR Infra, Dilip Buildcon, IRCON, Kalptaru, Punj Loyd offer job opportunities to students with Diploma in Civil Engineering.

# Course Information

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Electronics is an important part of the everyday operation of homes, offices, healthcare, factories and personal lifestyle. Satellite Communication, Mobile communication, Sophisticated Defence Systems, Medical Equipment and Multimedia Systems are all made possible through electronics.

This course will give students tremendous flexibility and width – a springboard to a wide range of career options. This course is positioned to be in line with industry goals and trends. It provides a solid foundation in the principles of electronic devices, circuits and systems so as to equip students to meet the changing needs of the industry.

Our Department of Electrical and Electronics Engineering is having all modern and updated facilities. The department has fully equipped electrical machine lab, different types of AC/DC motors, generator sets, single and three phase transformer, electronic lab, CROs etc for conducting various experiments.

### Workshop and Seminars

Electrical and Electronics Engineering department organizes workshops and seminars on modern day electronic techniques like 4G/5G mobile communication, Mechatronics, Sensors, PLCs etc with active participation of Industry experts. Tie-Up with Various companies for advance training and personality development helps students in their campus placement and industry work understanding. The department ensures that the program has both adequate resources and well qualified staff to provide student with skills and knowledge necessary to successfully meet the needs of a bright career.

### Career Opportunity

India's has become one of the largest mobile user countries as well as a manufacturing hub for smart phones. This opens up a plethora of opportunities for EEE engineers. Indian industries are moving up the value chain and knowledge workers will be playing the major role as the industry moves in to high end design, manufacturing and marketing activities.

Students will have excellent and flexible career prospects in top electrical and electronics companies like BHEL, NTPC, NHPC, Siemens, Bajaj Electricals, Crompton Greaves. Companies like Oppo, VIVO, Samsung, Xiaomi etc. have setup their assembly and manufacturing plants in India and are keen to hire EEE engineers.

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING



Today computers are everywhere. The field of computer engineering is highly pervasive and is relevant to almost every sector of the economy, from high tech manufacturing to finance and business.

Our Computer Engineering department is an ultra-modern one, which keeps pace with time by establishing a close rapport with software industry. All the systems in computer lab are of latest configuration and are interconnected through LAN with access to 12 MBPS internet leased line.

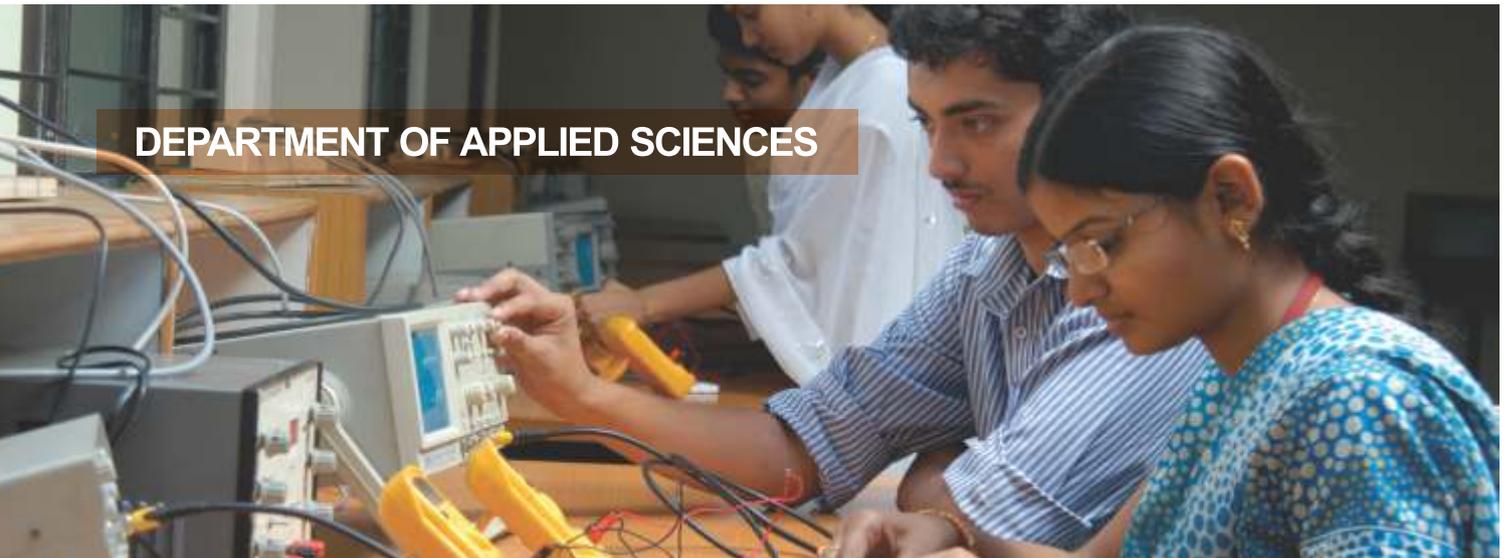
### Professional Training

Students are trained for close to 200 Hours on specializations like Python, JAVA, PHP, .NET, Jumla right from 1st Year. Students will have the option to take up the live projects given by different software companies.

### Career opportunity

India is IT capital of the world and it will be at the centre of all the action in the field of information technology. The course opens doors to a wide variety of job opportunities with Software giants like TCS, INFOSYS, CTS, IBM, Accenture etc and with infocom companies like JIO, Airtel, Vodafone.

## DEPARTMENT OF APPLIED SCIENCES



Here students are taught principles of science which are the basic building blocks of Engineering & Technology.

### Labs

#### Physics Lab

It is well equipped with all the apparatus conforming to AICTE requirements. Students explore the practical uses through various apparatus.

#### Chemistry Lab

This Lab is equipped with sophisticated equipments conforming to the latest Technology. Students do hands on experiments as per the syllabus of AICTE.

#### Composite Lab

Provides an environment for educational, research, and development activity in composite materials and structures. The goals of the laboratory are to promote the understanding and the use of composite materials, to maintain up-to-date manufacturing and testing facilities to conduct basic research, and to provide an accessible knowledge and technology base.



# Facilities

## FACULTY

Teaching faculty of the college is highly qualified, well experienced and highly devoted to their work. The faculty has the attitude to help the students. Apart from this, the college also has some senior academicians from some of the best institutes in India as our visiting faculty.

## GUEST LECTURES

Guest lecturers are usually up-comers, experts or well-known in their field, who guide the students in their respective fields. These have become an important part of the educational experience that supplements the pedagogical goals with respect to the real-world experience of successful practitioners. Regular Seminars & Workshops are held for the students.

## INDUSTRIAL VISITS

We arrange Industrial visits for students to renowned industries on regular basis. The main objective behind these visits is to explain the working of industrial equipments in running conditions and the work environment that exists. Industrial visits take place in one or more semester.

## EDUCATIONAL TOURS

Educational Tours provide the students the opportunity of learning through travel, especially to places that they may not otherwise get to visit. We plan these tours for our students, so that they learn.

## LABORATORIES AND WORKSHOPS

The institute boasts of well equipped and highly updated laboratories and workshops to give practical dimensions of learning. Workshop facility is available for practical as well as project work and is equipped with modern machines and equipments. Students can perform practicals in carpentry, welding, sheet metal, foundry, bench work and fitter shop. Machine shop is equipped with lathe machine, shaper machine, milling machine, drilling machine and grinding machine. In addition, efficient and technically qualified assistants are available to students and faculty for providing expert help.

**LABORATORIES:** • Physics Lab • Chemistry Lab • Survey Lab • Language Lab

**WORKSHOPS:** • Machine Shop • Carpentry • Foundry & Blacksmith • Fitting

## Academic



## Admission Process

- 1) Candidate need to have passed class 10 with minimum 35% Marks
- 2) Direct admission in 2nd year for 12th Maths/ Vocational/ITI Pass students

## Financial Aid

- Academic loan facilities from nationalised banks, support by government
- Scholarship for EWS and SC/ST & Minority students

# Facilities



## Infrastructure

### WI-FI CAMPUS

Today's students will be among the first generations of Indians to work in a completely connected environment. We prepare them for the digital era with access to high speed internet across the campus through Wi-Fi, in addition to traditional wired internet, intranet and mail access.

The Wi-fi network covers classrooms as well as common areas. Students can access online learning materials and resources whether they're relaxing in the lawn, participating in activities or doing sports.

### LIBRARY

Quality of a library is defined by its resources and atmosphere. The institute's library provides best of both these factors. To facilitate the students in their quest for knowledge, the library provides a wealth of knowledge resources by stocking large number of reference books, national journals and magazines. All the resources are constantly being updated to keep students abreast of the latest findings and research. Flexible working hours make it easier for the students to fit library research time in their demanding academic schedules. The library has been designed to create an ambience that inspires students to learn.

### HOSTEL

- College has separate hostel for Boys & Girls. Separate wardens for each hostel are appointed that take care of the students in best possible way.
- The hostels have excellent standard of living with round the clock availability of basic facility. The Hostels rooms are spacious, well ventilated and well organized.
- The Hostel mess is provided with water purifier, water coolers and other necessary facilities. Special care is taken in preparation of food under hygienic conditions in hostel mess.
- Facilities like T.V. Newspaper, Indoor Games (Carrom Board, Chess, Table Tennis) are also available in Hostel.

### CAFETERIA

The cafeteria, on the campus, provides an ideal place for students to gather and to exchange notes over cups of coffee and wholesome snacks served throughout the day. The lighting and the ambience of the cafeteria are modeled on best contemporary design for cafeterias.

### SPORTS FACILITIES

Sports are an integral part of college life. There are indoor and outdoor sports facilities like - Carrom. Chess, Table Tennis, Badminton etc. Which are to be played in well maintained sports arena.

Cricket championships, Sports Meet marathons and several sports events are organized to ensure the all-round development of our students.

### TRANSPORT

The college has its own fleet of buses to cater to the transportation needs of its students, staff members and visiting guests. Transport is available to the students and staff commuting not only from various parts of the city but also from the suburbs to the institute campus and back. All students can make use of the institute transport. This student friendly facility makes it possible to begin the classes in time and thereby helping the academic process continue seamlessly. This also enables the institute to drive home the importance of punctuality and discipline among students.

#### TRANSPORT ROUTES:

- All routes of Patna & nearby areas • Masaurhi • Jehanabad • Fathua

# SATYAM SKILL CENTRE

Patna, Begusarai, Jehanabad and Nalanda



Satyam Skill Centres are the latest additions to the Satyam Shivam Sundaram Group of institutions.

Satyam Skill Centres are designated training centres for Pradhan Mantri Kaushal Vikas Yojana (PMKVY) which is the flagship scheme of the Ministry of Skill Development & Entrepreneurship (MSDE).

The objective of this Skill Certification Scheme is to enable a large number of Indian youth to take up industry-relevant skill training that will help them in securing a better livelihood. Individuals with prior learning experience or skills will also be assessed and certified under Recognition of Prior Learning (RPL).

Satyam Skill Centre provides training in Tower Technician, Phlebotomy Technician, Automotive Service Technician Level 4 and Welding & Quality Technician.



# SATYAM INTERNATIONAL INSTITUTE OF HIGHER STUDIES (B.Ed.)

Approved by N.C.T.E. & Affiliated to Patilputra University

## COURSE CURRICULUM

The B.Ed course is designed to integrate the study of subject knowledge, human development, pedagogical knowledge and communication skills. The programme comprises three broad curricular areas. Perspective in Education, Curriculum, Pedagogic Studies and Engagement with the Field. Transaction of the courses is done using a variety of approaches, such as case studies, discussion on reflective journals, observation of children and interactions with the community in multiple socio-cultural environments. Information and communication Technology (ICT), Gender, Yoga education and disability/inclusive education forms an integral part of the B.Ed curriculum.

## COURSE DURATION

- The duration of course is 2 Years consisting of 4 semesters
- The First year and Final year examination leading to the award of degree shall be held at the date notified by the University

## THEORY COURSE:

(A) Perspectives in Education: Perspective in Education includes courses in the study of childhood, child development and adolescence, contemporary India and education, philosophical and sociological perspectives in Education, theoretical foundations of knowledge and curriculum, teaching and learning, gender in the context of school and society, and inclusive Education.

(B) Curriculum and Pedagogic Studies: Courses in curriculum and pedagogic studies include aspects of language across the curriculum and communication, understanding of a discipline, social history of a school subject and its pedagogical foundations, with a focus on the learner; and a course on the theoretical perspectives on assessment for learning.

## SCHOOL INTERNSHIP:

School internship would be a part of the broad curricular area of 'Engagement with the field' and shall be designed to lead to development of a broader repertoire of perspectives, professional capacities, teacher sensibilities and skills. Student-teachers shall be equipped to cater to diverse needs of learners in schools.

Students are to be actively engaged in teaching for 4 weeks in the first year of the course and for 16 weeks in the final year of the course, besides practice teaching, an initial phase of one week for observing a regular classroom with a regular teacher and would also include peer observations, teacher observations and faculty observations if practice lessons.



## ENGAGEMENT WITH THE FIELD:

The B.Ed programme provides for a sustained engagement with the self, the child, community and school, at different levels and through establishing close connections between different curricular areas. This curricular area would serve as an important link between the above two broad curricular areas through its three components.

1. Task and assignments that run through all the courses.
2. School Internship.
3. Courses on enhancing Professional capacities.

These tasks and projects would help in substantiating perspectives and theoretical frameworks studies in a teacher education classroom with field based experience.

## INFRASTRUCTURAL FACILITIES:

**WELL-STOCKED LIBRARY:** The institute has an excellent well stocked library consisting of Text books, Reference books, Handbooks, Educational Journals of national and international repute, popular magazines and leading daily newspapers. It is fully equipped to meet the requirements of B.Ed students. The library always accessible to help the students in finding the document or information they need.

### SCIENCE & MATHS RESOURCE CENTRE:

Science & Maths Labs have been fully equipped in respect of instruments, apparatuses, specimens, microscopes, slides, chemicals etc. to demonstrate practicals that help to make subject matter more clear & applicable in their daily life. Students can also avail practical material and prepare teaching aids during teaching practice.

### LANGUAGE RESOURCE CENTRE:

Language lab has an adequate number of teaching aids for teaching of different languages with provides teacher trainees with varied opportunities.

### SEMINAR HALL:

There is a spacious hall for discussions, guest lectures, and workshops with the facility of LCD projector, and surround sound system.

### MULTI-PURPOSE HALL:

The spacious hall provides opportunities to learners for several kinds of co-curricular activities.

**ICT RESOURCE CENTRES:** The lab is well equipped with very sophisticated and high quality teaching (audio-visuals) aid. The lab is equipped with a number of computers, overhead projector; color T.V.

### PSYCHOLOGY RESOURCE CENTRE:

The educational psychology lab is excellent and well equipped one. It has a number of standardized psychological tests, apparatus & manuals. The psychological tests on different aspects i.e. personality, interest, aptitude, motivation, creativity, attitude etc. are conducted. They help to give a hands-on experience to teacher trainees.

### SOCIAL SCIENCE RESOURCE CENTRE:

Different geographical instruments and equipments as globes, maps, charts, audio visual cassettes, CDs are available in the lab. It is well equipped with different teaching aids which are issued to students during teaching practice.

### PLAYGROUND:

There is a large playground for games and sports. The institutes have various facilities to pursue a wide range of sporting and cultural activities in campus.

### WORK EXPERIENCE ROOM:

The institute has well equipped lab for work experience. It provides hands-on experience to students and ample opportunity to innovate and experiment with creative ideas like preparing teaching aids, campus beautification & other non-scholastic activities.



## ELIGIBILITY FOR B.ED COURSE

- The minimum qualification required to pursue this course is Bachelor of science, Bachelor of commerce and Bachelor of arts or an equivalent degree
- The percentage required for admission is minimum 50%
- Students need to appear for CET (Common Entrance Test) to qualify for admission

## THE BENEFITS OF PURSUING B. ED COURSE:

- The aim of this course is to mould the teachers who are compassionate and dedicated towards the teaching profession and are guided by the principle of ethical and social responsibility towards the students.
- The course develops knowledge and skills to provide quality edification to the students.
- A Career in teaching gives you job satisfaction, high earnings, flexible timings and job security.
- After B. Ed candidates can pursue M.Ed " Masters in Education from several Indian Universities.
- After the course you can apply for various teaching jobs in Private and Government sector

## DOCUMENTS REQUIRED AT THE TIME OF COUNSELING OR ADMISSION FOR B.ED COURSE:

- Mark Sheet and Certificate of 10th , 12th and graduation.
- Residence Proof like Voter Id Card , Adhar Card or Rashan Card Copy or any other.
- 5 Coloured Photographs.
- Properly Filled Admission Form with your photograph.

# SATYAM INTERNATIONAL INSTITUTE OF HIGHER STUDIES (D.El.Ed)

Approved by N.C.T.E. & Affiliated to BSEB



## PREAMBLE

The diploma in Elementary Education (D.El.Ed) is a two year professional programme of teacher education. It aims to prepare teachers for the elementary stage of education, i.e. classes I to VIII. The aim of elementary education is to fulfill the basic learning needs of all children in an inclusive school environment bridging social and gender gaps with the active participation of the community.

## DURATION AND WORKING DAYS

### DURATION

The D.El.Ed. programme is of a duration of two academic years. However, the students shall be permitted to complete the programme within a maximum period of three years from the date of admission to the programme.

### ELIGIBILITY

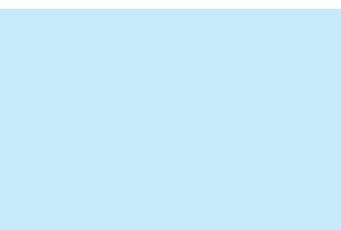
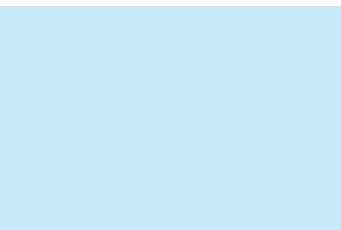
Candidates with at least 50% marks in the higher secondary (+2) or its equivalent examination are eligible for admission.

The reservation and relaxation in marks for SC/ST/OBC/PWD and other categories shall be as per the rules of the Central Government / State Government, whichever is applicable.



## CURRICULUM

The D.El. Ed. Programme is designed to integrate the study of childhood, social context of education, subject knowledge, pedagogical knowledge, aims of education and communication skills. The programme comprises of compulsory and optional theory courses, compulsory practicum course and comprehensive school internship. The Theory and practicum courses are assigned a weightage in the proportion determined by the affiliating body which is in alignment with National curriculum framework for Teacher Education.



## THEORY COURSES

### D.El. Ed.: SYLLABUS AND COURSE DESCRIPTION

A year-wise breakup of the course's syllabus is given below;

YEAR I	YEAR II
Childhood and the development of children	Cognition, Sociocultural context
Contemporary society	Teacher Identity and school culture
Education, society	Leadership and change
Towards understanding the self	Pedagogy of environmental studies of English language
Pedagogy	Diversity and education
Mathematics education for the primary	School health and education
Proficiency in English	Fine arts and education
Work and education	Internship
Internship	



### PRACTICUM AND SCHOOL INTERNSHIP

Field engagement course are designed to give opportunities to acquire a repertoire of professional skills and capacities in craft, fine arts work and education, creative drama and theatre in education, self development, children's physical and emotional health, school health and education.

Program encourages sustained engagement of its students with schools, thereby creating synergies with the neighbourhood schools throughout the two years. The schools internship program of 20 weeks during first year of the course includes 4 weeks of classroom observation, 16 weeks of internship in elementary classes is part of the course in during second year.

#### D.EL.ED.: ELIGIBILITY

Interested aspirants for this course are required to fulfil the below-mentioned eligibility criteria:

- Completed 10+2 from a recognized board
- Above 50% marks or equivalent at 10+2 level

#### D.EL.ED.: ADMISSION PROCESS

Admission process for this course in the college is based on entrance exam. Candidates who clear this entrance exam are further called for a round of personal interview. Questions from different subjects of 10+2 level are asked in the entrance exam.

#### DOCUMENTS REQUIRED AT THE TIME OF ADMISSION :

- Mark Sheet and Certificate of 10th and 12th
- Residence Proof like Voter Id Card , Adhar Card or Rashan Card Copy or any other.
- 5 Coloured Photographs.
- Properly Filled Admission Form with your photograph.

# SHIVAM INSTITUTE OF TECHNOLOGY (I.T.I), Patna

Approved by N.C.V.T. (Govt. Of India)

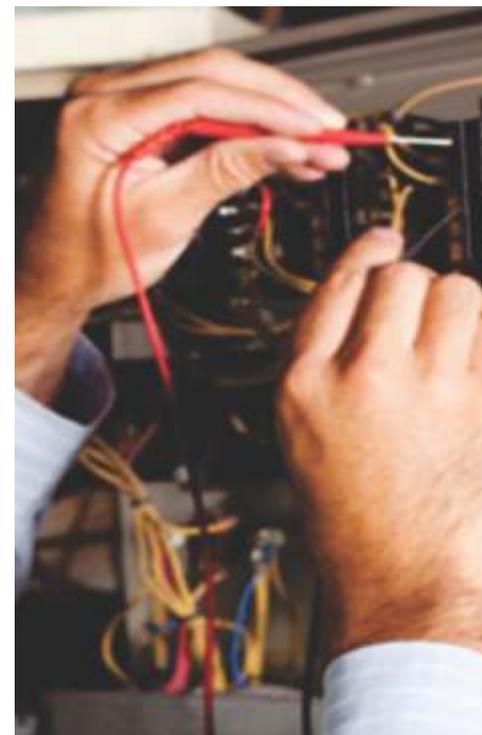


The youngsters are equipped with multiple mechanical skills in the institute. They are given ample exposure of the way different machines function. The scientific mechanisms and principles that are involved in the functioning of machines are shared with students by well groomed and well qualified teachers and instructors.

## Aptitude Development Session

Shivam institute of Technology is equipped with state of art workshops where students are given hands on learning of the working of the machines of multiple kinds. It is here that working of the machines is demonstrated to the students and later on they operate the machines under the watchful eyes of the teachers and instructors. Students experience excitement while working in the workshops and at the same time they cultivate the strength of confidence also in themselves. They learn the complex functioning of multiple machines.

All the ITI courses are such that equip youngsters with strengths that are required in the job market. Apart from that the young learners are groomed in a manner that they become self employable.





## APPROVED COURSES:

Electrician	2 years
Fitter	2 years
Mechanic Diesel	1 year

## COURSES OF STUDY :

- (1) Trade Theory
- (2) Practical
- (3) Workshop Calculation & Science
- (4) Engineering Drawing
- (5) Impalpability skills

**MINIMUM QUALIFICATION :** Passed 10th class exam under 10+2 systems of Education or its equivalents.

## AGE LIMIT for Admissions:

14-40  
years

for  
Widows/Separated  
women

45  
years

for  
Ex-Servicemen  
and war widows

40  
years

as on  
date of start  
of Admission

## Documents required at the time of admission:

Attested copies of following documents:-

1. SLC
2. 10th mark sheet
3. Passport size photo
4. Residential certificate
5. Caste certificate

# SENIOR SECONDARY SCHOOLS

upto +2 & Affiliated to C.B.S.E



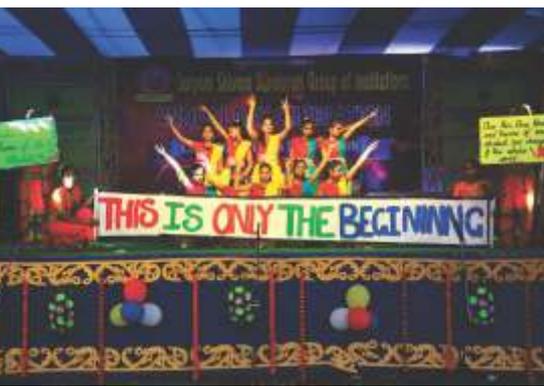
“Outstanding teaching and learning”

## Significance of School Life

School is the place where a child develops his inclinations, forms his habits, recognizes his strengths, learns about his short comings, sets a goal and prepares himself for the same. Schools, therefore, play a vital role in the life of the students. It is at the school that work on child's value system is developed. The trajectory that the child is to adopt for his flight towards heights is also determined at the school. At all the Senior Secondary Schools of Satyam Shivam Sundaram Group of Institutions students join as a toddler and pass out as a youngster who is competent, confident and creative and is fully prepared to take all the challenges of his life head on.

## Students at the Schools:

In all our schools' students are observed as youngsters with countless possibilities and potentialities. All these strengths of the students are respected and sincere and focussed work is done upon all these students to hone and chisel these strengths in the best possible manner. In all the schools of Satyam Shivam Sundaram Group of Institutions the value system of the students is strengthened so that they may not fall a prey to the onslaught of distractions that are so widely pervasive in the modern times. In order to make them all autonomous learners, children are given



a goal which they are to follow with a great deal of fervour and passion. All the students at the schools are groomed in a manner that they may become capable of shouldering the responsibility of the nation.

### Teachers at the Schools

All the teachers at the schools of Satyam Shivam Sundaram Group of Institutions are an embodiment of care, concern and compassion. They teach in a planned, prepared and enthused manner. They connect with the children, demonstrate their love for their own subject before students. Their teaching is engaging and engrossing. All of them respect the vision of the organization and therefore, they go an extra mile to educate the children. Teachers impart knowledge to the children, assess their preparation and work upon the strengths and limitations of the students and thus they become the true mentors for the students.

### Working at the Schools:

Working at all the schools of Satyam Shivam Sundaram Group of Institutions is vision oriented. It is the vision of the schools that keeps everyone in the driven state of mind. It is well coordinated and well collaborated efforts that have ensured so much of growth in all schools and that too in a very short span of time. The working that is there in all the schools is connected with life. Children of all the schools are prepared not only for the examination but also for the life that lies ahead of them. It is the inspired working of the teachers that spreads the culture of inspiration at all the schools.

### Priorities at the Schools:

It is the priorities that determine the direction of the efforts. Priorities are absolutely clear to everyone in the schools. These priorities are:

- Academic excellence of the students
- Constant up gradation and updation of the learning level of the teachers
- Inspired teaching in all the classes
- Strong value system of all the students
- Children are to be kept away from all the distractions



- Children are to be groomed in a manner that they become physically strong, intellectually alert, emotionally stable and morally firm
- Children are to be given the kind of exposure that makes them fearless and confident.
- Children are to be made creative, communicative and expressive.



### Infrastructure at the schools:

The motive of the schools is not to attract or please the students and parents. It is to educate all the students in the best possible manner. The infrastructure that enables the teachers and students to have collaborative learning in the best possible manner is there in all the schools.



Vast and verdant sports fields are there to raise the endurance level of the students through sports activities.



Well stocked libraries are there in all the schools of Satyam Shivam Sundaram Group of Institutions. It is in these libraries that children develop their bonding with books. They learn about the genres of books. Awareness of authors, their works and their writing patterns help the children to get a useful insight into the world of literature and literary values.



The learning level of the children acquires a new dimension when children have hands on learning in the laboratories. Science labs, mathematics labs, social science labs, computer labs and language labs are the learning points in the school where all the students get the exposure on how the concepts learnt in the classes can be implemented in real life.

Classrooms where children are to spend maximum time are all well-lit, spacious and airy.



## Activities at the School:

Harmonious development of the children's personality becomes possible through co-academic activities. It is these activities that make children multi-talented and multi-faceted. All their strengths are truly tapped and explored through co-academic activities.

Literary, artistic and stage activities are conducted at the school around the whole academic year. Apart from these activities a number of indoor and outdoor sports activities are also conducted at the school.

Children develop team spirit among themselves through these activities. They learn to think well, learn well and express well when they participate in literary activities. They overcome stage fright when they participate in stage activities. Group activities develop in the children the ability to coordinate.

## Students of the schools:

Well concerted efforts are made at the schools to make sure that children may emerge as the pride of the nation. There are so many students of the school who hold prominent positions in different departments and are making significant contributions to the growth of the nation. There are students who have attained excellence in different professional areas and are working like true excelsior. Being strong in term of knowledge, creativity and value systems they remain firm and focussed while working and thus they have carved a niche for themselves in this competitive world.



### ADMISSIONS:

- Admission will be opened for those classes in which the vacancies are available
- The candidates seeking admission must appear for entrance test followed by an interaction

### DOCUMENTS REQUIRED:

- Duly filled Admission Form
- Birth certificate
- School leaving certificate
- Residential Proof
- Four Passport size Photographs

# AN UPCOMING PROJECT

KURMA UNIVERSITY' A Giant Leap in Direction of Educational Excellence

## KURMA UNIVERSITY

A Centre of Enrichment and Empowerment



Satyam Shivam Sundaram Group of institutions has rendered matchless contribution to the cause of education. Countless young learners have been enabled with skills, enriched with values and empowered with knowledge. They have been led from confusion to clarity, from diffidence to confidence, from frailty to firmness and from ignorance to enlightenment. This group is driven with a missionary zeal. Its mission is to groom young generation at all levels so that all the young learners may reach their goal without getting misled at any point of their educational journey. It is with this motive that Kurma University is being given its final shape.

It is a historic project that has been taken up by the managing committee of Satyam Shivam Sundaram group of Institutions. Kurma University is spread over the area of 40 acres. In this vast campus students will get education as per their needs and aptitude. All the students will be prepared for prosperous and rewarding careers. They will be made both competent and confident. This university will prove to be a true centre of excellence where all-out efforts will be made to make all young learners excelsior in the true sense of the term.

### STUDENTS AT THE UNIVERSITY

Civil Servant

Lawyer

Engineer

Educator

Doctor

Motivator



### VISION

To give young learners an opportunity to pursue higher studies as per their aptitude and leverage their potential to the maximum extent in their chosen sphere of learning.

### MISSION STATEMENT

To create an ambience in which everyone focuses well in order to excel.

## PRIORITIES AND PRINCIPLES

- Every young learner is to be empowered with knowledge. Every student is to be groomed in a manner that he/she may turn out to be intellectually alert, emotionally stable and morally firm.
- State of art facilities are to be arranged so that the process of teaching learning may become creative, engaging and impactful.
- Each teacher of the university is to act as a mentor who is to ignite the potential of all the youngsters.
- Each student of the university is to be groomed in a manner that he/she may make significant contributions to the society with his thoughts, words and deeds.
- Collaborative efforts are to be promoted among teachers and students to optimize the level of learning.
- All students are to be provided the platform to project their power and potential.
- In departmental libraries and laboratories students are to upgrade and update their learning potential.

## TEACHERS AT THE UNIVERSITY

Guide

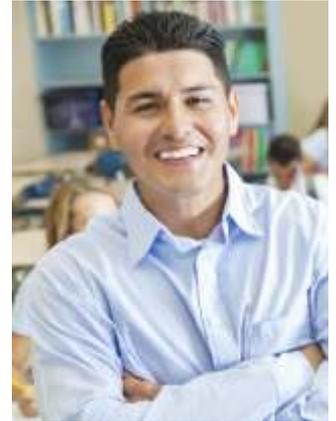
Philosopher

Mentor

Preceptor

Educator

Preacher



## EDUCATION AT KURMA UNIVERSITY:

Here at Kurma University the curriculum of all the courses will be such that the students will become competent, creative and confident. They will all develop research-oriented approach towards studies. They will have ample infrastructural support. Digital libraries and laboratories will enable all the students to have deeper insight into learning and thus they will have comprehensive knowledge. All the learners of the university will be made socially responsible.

Such programmes will be introduced in the university that all the students will connect with the people of the adjoining villages to make them all aware of the farming techniques which will optimize the agricultural growth and thus the peasants will experience prosperity.

It is through education in the class rooms as well as through awareness about the practical life that this university will extend its contribution to the society.

Kurma University will certainly emerge as a unique centre of academic excellence. Here all-out efforts will be made to ensure that education received by the students is utilized for the development and prosperity of the villages and villagers.

# Results of the schools:

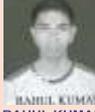
Planned and prepared teaching, inspiring ambience, inspired workforce, constant and consistent support and concerted work on the strengths and limitations of the students make children academically strong and thus they do well in their final examinations.

All the schools of Satyam Shivam and Sundaram Group of Institutions are the true hubs of learning. They are all the real centres of excellence and that is why in the last 17 years the students of all the school have done exceedingly well in the board examinations and thus they have brought laurels to school. Hundreds of students have been placed on state merit list. Every year the students of all the schools excel over the academic performance of the students of the previous batches. This continuous growth is very heartening for everyone here at the school.

## Our Class 12th Toppers in AISSCE- 2018

 PRANJAL SINGH 96.6 %	 RAJA SATYAM 95.4 %	 KRISHAN KANT 95.0 %	 DIBYADARSHI SUMAN 94.0 %	 ATULYA Kr. VERMA 94.0 %	 ADITYA AKASH SINGH 94.0 %	 SALONI PRAKASH 94.0 %	 VIDUSHI SHEKHAR 94.0 %	 HARSH ANAND 93.4 %	 ANKIT RANJAN 93.0 %	 PRIYANSHU 93.0 %	 UTKARSH NARAYAN 92.4 %
 SEEMA BHARTI 91.8 %	 AALOK SINGH 91.6 %	 RISHU JAMIYAR 91.6 %	 HARSHIT JHUNJHUNWALA 91.4 %	 RUCHIKA SINGH 91.2 %	 VIJYA SINGH 91.0 %	 ANKIT AMRITESH 90.4 %	 SHUBHAGITA SMARAJ JAYSWA 90.4 %	 SWASTIK 90.2 %	 RITUL KUMARI 90.2 %	 KUNDAN LAL 90.0 %	 MANISH KUMAR 90.0 %

## Our Class 10th Toppers in AISSE- 2018

 DEEPSHIKHA 97.6 %	 AMIT KUMAR 96.6 %	 ANANTA KUMARI 96.4 %	 KHUSHI 96.2 %	 SUHANI RAI 96.0 %	 SHUBHAM SHEKHAR 96.0 %	 TANYA 95.4 %	 MONI RAJ 95.2 %	 SHASHI RANJAN 94.8 %	 PIYUSH GUPTA 94.8 %	 ASHIKA SHARMA 94.6 %	 ADITYA RAJ 94.4 %
 GAURAV KUMAR 94.4 %	 SHASHI KANT 94.2 %	 VAISHNAVI 94.0 %	 AHANA RANJAN 94.0 %	 TANU RAJ 93.8 %	 SHWETA KUMARI 93.4 %	 NAMIT SHARMA 93.4 %	 LEKHIKA MADHURYA 93.2 %	 NISHU KUMAR 93.2 %	 SHUBHAM KUMAR 93.0 %	 NIDHI RAJ 93.0 %	 SANJANA SINGH 93.0 %
 SOMYA 93.0 %	 CHAITANYA 93.0 %	 HARSH PATEY 93.0 %	 AMARJEET PARASHAR 92.8 %	 PRAGATI KUMARI 92.8 %	 AJEET KUMAR 92.8 %	 GOURAV KUMAR 92.6 %	 AYUSH RAJ 92.4 %	 ASHWIN RAJ 92.4 %	 SONAM KUMARI 92.4 %	 ASHISH ALOK 92.4 %	 ANKIT ANAND 92.4 %
 RAHUL KUMAR 92.2 %	 HARDIK HARE 92.2 %	 KRISHNA RANJAN 92.2 %	 RAHUL KUMAR 92.2 %	 RISHABH RAJSI 92.2 %	 MUSKAN KUMARI 92.0 %	 SHUBHAM KUMAR 92.0 %	 NIDHI JHA 92.0 %	 AMRIT ANAND 91.8 %	 SHRUTI JHA 91.8 %	 SANTANU KUMAR 91.8 %	 ABHINAV KUMAR 91.6 %
 MUSKAN BHARTI 91.2 %	 RAVEENA SABRU 90.8 %	 DIKSHA BHAGAT 90.6 %	 NISHANT KUMAR 90.6 %	 ASHISH KUMAR 90.6 %	 ABHISHEK Kr. PANDEY 90.6 %	 AASHISH KUMAR 90.6 %	 KUSHI RAJ 90.4 %	 BADAL KUMAR 90.4 %	 SHIVANI SINHA 90.2 %	 NEHA RANI 90.2 %	 SNEHA KUMARI 90.2 %





## SATYAM SHIVAM SUNDARAM GROUP OF INSTITUTIONS

knowledge • innovation • leadership

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