Veer Surendra Sai University of Technology, Burla

Formerly known as the University College of Engineering, Burla



BROCHURE

5,200 students . 11 branches . 350-acre campus
60 years of glory . 30000 Alumni in 7 continents

www.vssut.ac.in



It all started from River Mahanadi. The story dates back to early 1900s when Odisha was frequented with floods owing to Mahanadi.
After visiting Sambalpur in 1928, Mahatma Gandhi requested Sir Visvesvaraya to devise a control mechanism for the emanating floods. What came up was the longest ever dam in the World - the Mahanadi Dam.

This posed an intriguing question to the leaders of Odisha - who would manage the operations and maintenance of the dam? There was no engineering college in the state. They decided to set up one. This led to the birth of the first ever Engineering College of Odisha on the 12th of August, 1956 and was called University College of Engineering or UCE. The visionary Chief Engineer of the dam, Er Tirumala Iyengar allocated land from his Dam Project and let his engineers to take classes. UCE got upgraded to a state university in 2008 and is now known as Veer Surendra Sai University of Technology (VSSUT).

Major Cities- In touch

Below are the details of major cities through where you can reach our University. Burla is well connected to major highways for the hassle-free drive.

Nearest Airports:
Jharsuguda(JRG): **40min** drive from University
Raipur(RPR): **3 Hrs** drive from University
Bhubaneswar(BBI): **5 Hrs** drive from University
Nearest Railway Station:
Sambalpur: **15min** drive from University



Achievements

Even a book wont be enough to highlight how much our students have achieved. Here are some of them listed below.

1. Winners of **IIGP 2.0** University Challenge 2019.

2. 2nd runner's up at **L&T's CreaTech** 2020.

3. Our Team Spine-Care won the **2nd Runners up** Prize with a Cash Prize of **INR 1 Lakh** at Anveshan 2019 Innovation Fellowship organized by **Analog Devices**, Inc.

4. VSSUT Student Satellite got feliciated on Republic Day(26th January 2020).

5. Our team got 2nd at upstart **IIT Kanpur**,BANGALORE edition.

6. A team from Entrepreneurship Club ranked **4th** in top 10 startups at NIT-Rourkela &was felicitated with **1.5 lakh** funding with incubation.

7. Runners up in **Uber's** Scale It competition held at IIT-KGP E-Summit.

8. We received state award for Startup odisha, Startup India from honorable CM of Odisha.

9. We have **3 successful startups** in revenue stage and **10+ startups** in growing stage under Entrepreneurship club.

10. One of our students got selected to represent INDIA at **South Asian youth summit** and is present member of **International Youth Council**, Odisha.

11.1st, 2nd and 3rd position: Digitizer, Innovision 2k19, NIT rourkela

12. AIR-1 in Sonarous at National student's space challenge 2019 organized by **IIT kharagpur** in association with **ISRO.**

13. Shortlisted for round-2, ABU Robocon 2020.

14. 2 participants got internship at IIT Bombay through e-yantra robotics competition 2019 by I**IT Bombay** and **MHRD**.

15. AIR-4 at National finals of **MathWorks Minidrone** competition 2019.

16. BAJA-SAE 2020
    1st in engineering Design event
    1st in Computer aided engineering event
    1st in Catalytic converter event
    3rd in cost presentation

17. As an exclusive special package, **ISRO** has established Tech Innovation cum Incubation Center at VSSUT Burla,**the only of it's kind in country.**

18. VSSUT Satellite team registered themselves in **LIMCA BOOK OF RECORDS** as the only student body in India to develop indegineous rocket system.

19. Sheetal Sahu,class of 2018, is the new Miss Odisha and will represent the state at the **Fbb Colors Femina Miss India 2019 pageant in Mumbai in June.**

20.Winner of **BIRAC National Innovation Challenge** for the Innovation Senio Care- A smart Phone based Breast Cancer Early Screening Device by **NITI Aayog.**

21. International Rank-12 out of 1500 teams in MoveHack 2018: Global Mobility Hackathon conducted by **NITI Aayog.**

22. AIR-2 in e-Yantra Robocon, a robotics competition organised by **IIT Bombay** in association with **MHRD**.

23. 1st Runners Up in **L&T Techgium,2019** among 300 top-ranked institute nationwide.

24. 1st Runners-Up in **Smart Odisha Hackathon**,2018 out of 78 Teams all over the country.

25. Successfully organised 2nd edition **TEDx VSSUT** under the theme "Fast Forward Future" with 9 eminent and distinguished speakers making it the **largest independent TED event in Eastern India.** Our college is the only government college in Odisha to get Tedx license twice in a row.

26. Conducted VSSUT InnoBuzz Dwitiya, **the largest independently organised hackathon in Eastern Seaboard** with over 600+ online registrations, 140 finalists for the on-site round. Innobuzz patnered with **Github, Unity Gaming, Jetbrains, Girlscript India, Devfolio** for mentors and goodies, with judges from leaders of the industry.

27. AIR-3 in **Matlab Robocon-2018**: A Technical Event Hosted by **MathWorks.**

28.The ASME Student Team stood at **4th Rank in Asia in IAM3D Challenge** and made to the quarterfinals among 23 teams in SDC.

29. Zonal finalists in DRUSE-2018 conducted by **DRDO**.

30. Enduro Student India, Talegaon, Pune :
AIR 14 Overall
AIR 16 Design Event
AIR 17 Cost Event
AIR 9 Endurance among 79 teams

31. Maruti Suzuki Supra SAE 2018, Buddh International Circuit:
AIR 9 Overall
AIR 3 Design Event
AIR 10 Cost Event
AIR 7 Endurance among 126 teams

Our Departments



Architecture

Estd. 2013
B.Arch: 60
PhD: 04



Chemical Engineering

Estd. 2014
B.Tech: 60
PhD: 04



Civil Engineering

Estd. 1956
B.Tech: 120
M.Tech: 90 PhD: 29



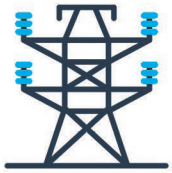
Computer Applications

Estd. 1993
MCA: 30



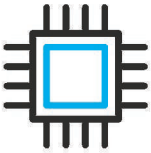
Computer Science & Engineering

Estd. 1994
B.Tech: 60
M.Tech: 18 PhD: 20



Electrical Engineering

Estd. 1956
B.Tech: 120
M.Tech: 36 PhD: 25



Electrical & Electronics Engg.

Estd. 2010
B.Tech: 60
M.Tech: 18 PhD: 10



Electronics & Telecomm. Engg.

Estd. 1972
B.Tech: 120
M.Tech: 54 PhD: 11



Information Technology

Estd. 2003
B.Tech: 60
M.Tech: 18 PhD: 07



Mechanical Engineering

Estd. 1956
B.Tech: 120
M.Tech: 54 PhD: 11



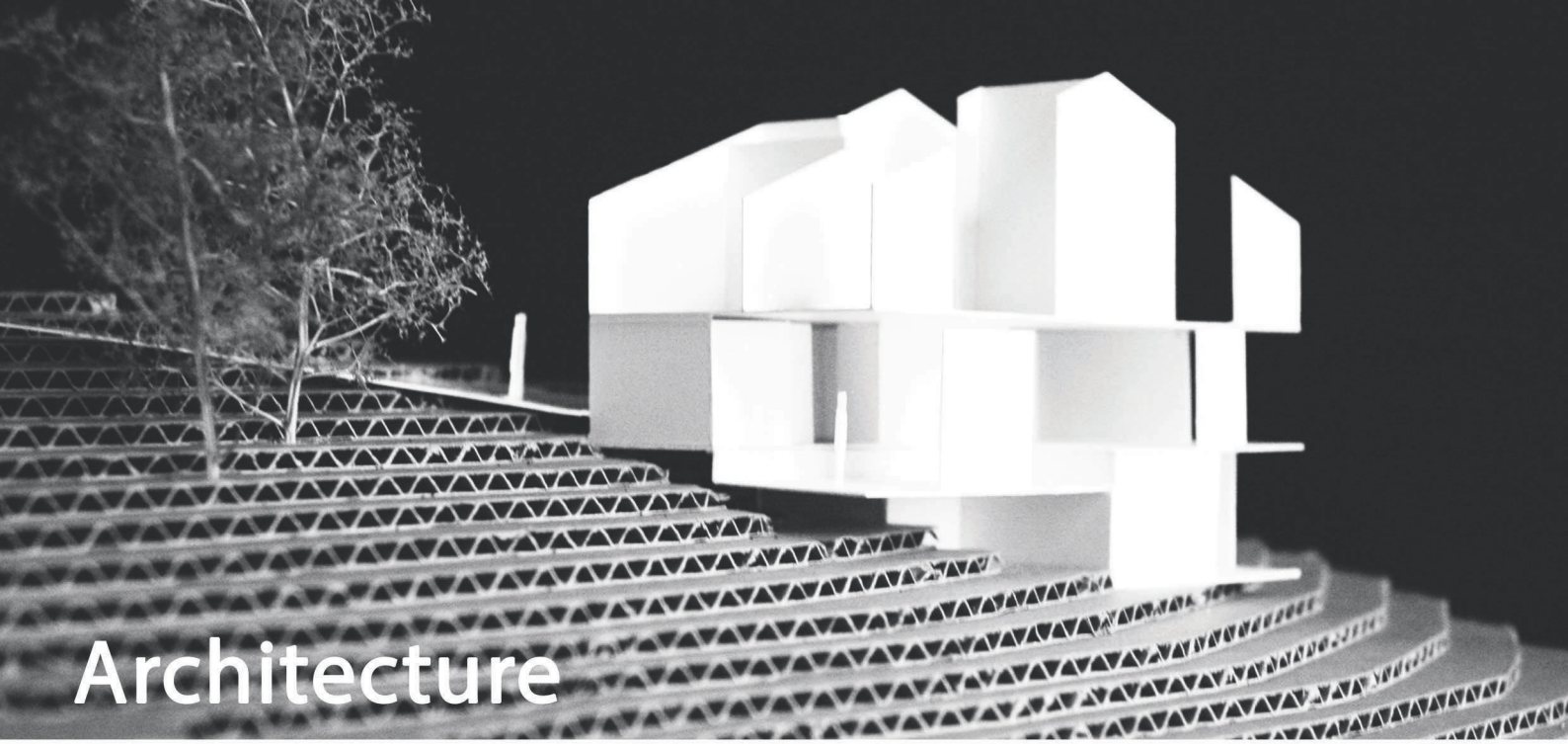
Metallurgy & Materials Engg.

Estd. 2013
B.Tech: 60
M.Tech: 18 PhD: 02



Production Engg.

Estd. 1996
B.Tech: 60
M.Tech: 54 PhD: 09



Architecture

Programme Offered

Undergraduate (B.Arch)
> Architecture 5 Year Course (2013) - 60

Phd (Architecture) (2017) - 1

Classroom Courses

> Green Building Infrastructure
> Disaster Resistant Architecture
> Professional Practices
> Advanced Structural System & Structural Analysis
> Human Settlement and Town Planning

Labs Offered

> Building Construction
> Architectural Design Studio
> Model Making
> CAD Lab
> Landscape Design & Site Planning
> Survey & Levelling
> Architectural Graphics Studio

Project Consultancy

> Development and Beautification of Bhutapara Chowk, Sambalpur
> Design of extension block for Civil Enng. Dept, VSSUT
> Design of Innovation cum Incubation centre, VSSUT
> Landscape Design of VSSUT Campus
> Design of Foot Over Bridge, VSSUT

Research and Development Scopes

> Urban Planning
> Public Space Design
> Urban Climate
> Urban Conservation
> Project Consultancy
> Field Survey & Documentation
> Product Design

Projects

> Institutional & Commercial Building Design
> Hospital Design
> Museum Design
> Housing
> Professional Thesis

Achievements

> 30 students participated in the Zonal National Association of Students of Architecture (NASA) Convention hekd in Royal School of Architecture, Guwahati from 22nd-25th Sept 2017
> The dept. has bagged 5 trophies in different categories
> The dept. has secured 2nd position as New College Entry in Zonal NASA Convention held in PMCA, Cuttack in 2018
> Students participated in competitions organised by Birla White (unit of UltraTech Cement Ltd.) in January 2018



Chemical Engineering

Programme Offered

Undergraduate (B.Tech)
> Chemical Engineering (2014) - 60

Classroom Courses

> Mass Transfer
> Chemical Reaction Engineering
> Fluid Dynamics
> Fuels and Combustion
> Process Dynamics and Control
> Petroleum Refinery Engineering
> Chemical Process Technnlogy
> Process Modelling and Simulation

Labs Offered

> Mass Transfer Lab
> Heat Transfer Lab
> Chemical Reaction Engineering Lab
> Chemical Engineering Thermodynamics Lab

Research and Development Scopes

> Dr. Pravin K. Kar: Industrial Chemistry
> Ms.. Nivedita Patel: Fuesl and Combustion
> Mr. Amit K. Behera: Water Treatment
> Mr. Veda Prakash: CAPPD
> Dr. Krushna P. Shadangi: Bio-diesel, Thermo-chemical conversion of biomass to liquid fuel

Projects

> Tyre Pyrolysis Oil
> Deriving Aliphatic from Aromatic Compound
> Multi-directional Water Pump
> Increasing efficiency of IC Engine

Achievements

> A student Qualified 1st round of National engineering Olympiad 3.0.
> Stanford Longevity Design Challenge (global rank 11)- 2019
> Bosch Road Safety Hackathon -2019 (18th rank in final round among 180 teams held in IIT Guwahati).
> Smart India Hackathon -2019 runners up.
> One student Secured rank 568 in Google kickstart phase C (2020).
> One student Secured 2nd position in Tata Crucible Hackathon 2020.



Civil Engineering

Programme Offered

Undergraduate (B.Tech)
> Civil Engineering (1956) - 120

Graduate (M.Tech)
> Structural Engineering.(1969) - 18
> Water Resources Engineering (1969) - 18
> Transportation Engineering (1975) - 18
> Environmental Engineering (2012) - 18
> Goetechnical Engineering (2012) - 18

5 Years Integrated Course
> Structural Engg. (2015) - 18

Phd (2010) - 04

Classroom Courses

> Structural Analysis
> Survey Engineering
> Water Resources Engineering
> Design of Concrete Structure
> Estimation and Professional Practice
> Transportation Engineering
> Geotechnical Engineering
> Environmental Engineering

Labs Offered

> Hydraulics Flow
> Highway Engineering
> Concrete Engineering
> Survey
> Computational (AutoCAD, MATLAB, STAADPro)
> Geotech Egineering
> Environmental Engineering

Research and Development Scopes

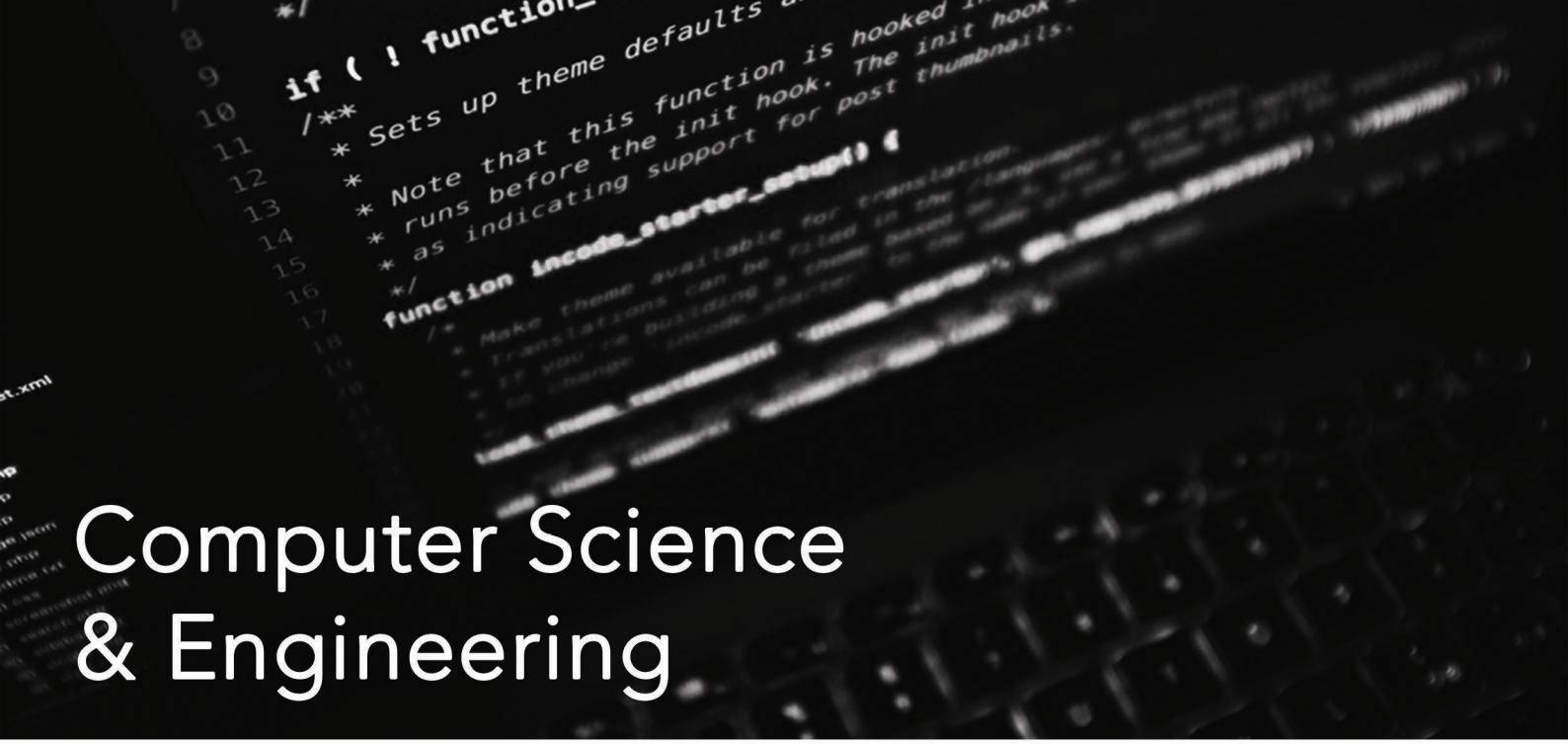
> Mechatronics
> Design and Analysis
> Composite Materials
> Nano Technology
> Production Engineering
> Thermal Engineering

Projects

>Integrated Manufacturing
> Manufacture of wear resistant components
> Development of ultra absorbent composite material using date palm leaf fibre
> Development of high vacuum brazing furnace for joining metals to ceramics
> Development of Nano/Ultra-nano diamond coating on cemented carbide inserts by HFCYD methods

Achievements

> Ranked 1st position in Commencez at Megalith, IIT Kharagpur in 2016
> Winners at National Hydraulics Bridge Designing Challenge at Innovision, NIT Rourkela
> Runners Up in National Bridge Designing Competition at NIT, Rourkela



Computer Science & Engineering

Programme Offered

Undergraduate (B.Tech)
> Computer Science & Engg. (1994) - 60

Graduate (M.Tech)
> Computer Science & Engg. (2008) - 18

Phd (2011) - 29

Classroom Courses

> Machine Learning
> Artificial Intelligence
> Data Mining & Soft Computing
> Theory of Computaion
> Operating Systems
> Microprocessors & Microcontrollers
> Software Engg. & OOAD
> Database Engineering
> Computer Graphics & Multimedia
> Computer Network & Security
> Computer Organisation

Labs Offered

> Theory of Computation
> Advanced Computing
> Software Engineering
> Computer Hardware & Microprocessor
> Operating System
> Data Communication & Computer Networks
> Database Engineering

Research and Development Scopes

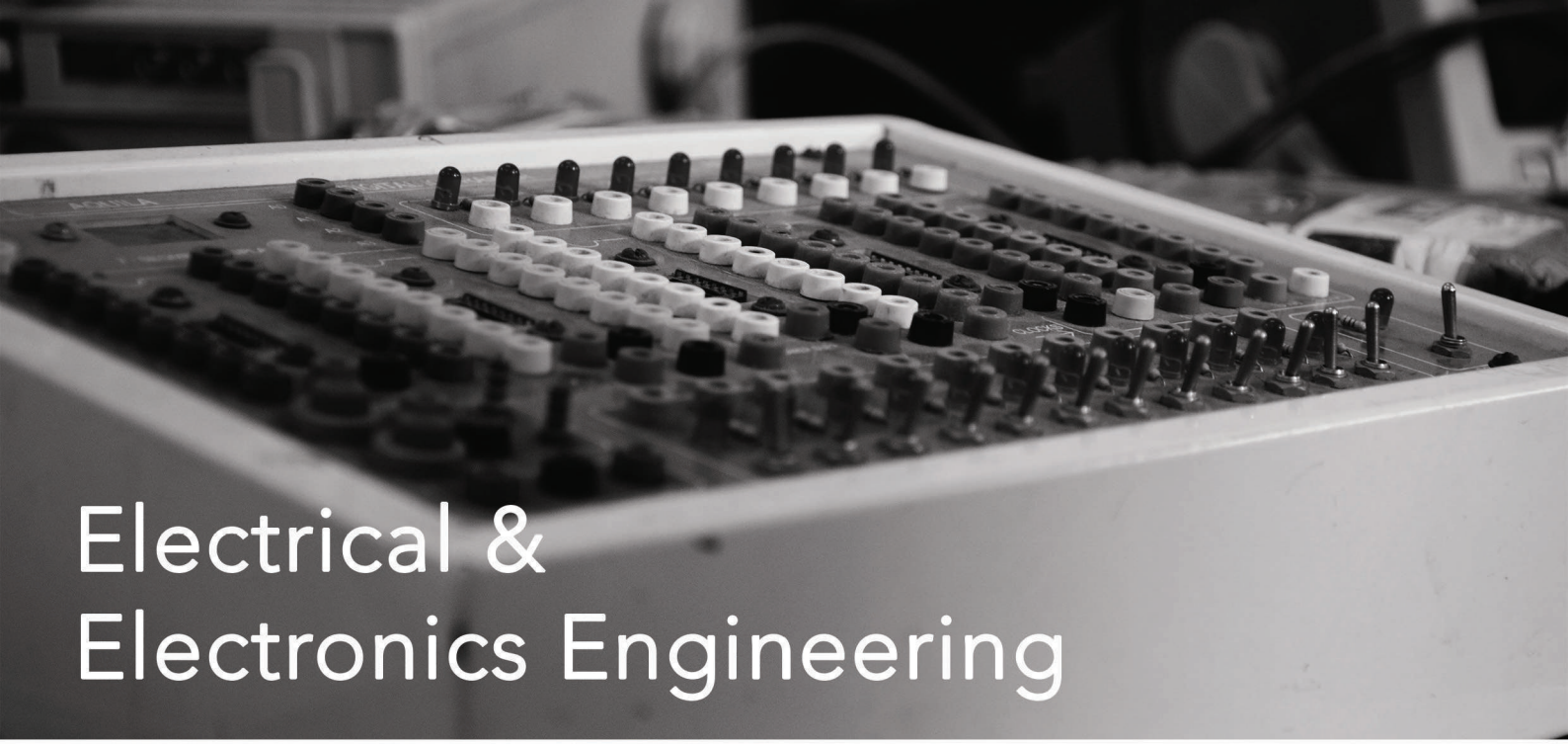
> Parallel Processing
> Algorithm Engineering and Foundation of Computing
> Data Communication and Networking
> Data Mining & Soft Computing
> Distributed Systems
> Software Engineering
> Big Data & Cloud Computing
> Image Processing

Projects

> 3D Face Reconstruction with Position Map Regression Networks
> Deep learning for natural language text and image analysis
> Using a Blockchain Cryptocurrency to enable an Educational Business Ecosystem
> Survivable Information System Information Architecture with Intrusion Tolerance, Containment and Recovery in distributed environment
> Security Analysis of cloud infrastructure

Achievements

> A team of students secured AIR 4, at the National Finals of the MathWorks Minidrone competition, NUMA Bengaluru.
> Many students were Semi finalist in IICDC 2020 by Texas Instruments.
> A student was 1st Runner's Up – Digitizer(Image processing event), Innovision 2018, NIT-Rourkela.
>4. One student passed and Secured 98% in Oracle Cloud Foundations Associate Exam and fullfilled the criteria of being recognised as Oracle Cloud foundations Associate.



Electrical & Electronics Engineering

Programme Offered

Undergraduate (B.Tech)
> Electrical & Electronics Engineering (2010) - 60

Classroom Courses

> Network Theory
> Electronics Circuit
> Control System Engineering
> Embedded System
> Digital Circuit and Design
> Power Electronics
> Electrical Machines
> Digital Signal Processing
> Microprocessor and Microcontroller
> Electrical Measurements & Instrumentation
> Power Station Engineering

Labs Offered

> Power Electronics Lab
> Signal and System Lab
> Electronics Circuit Lab
> Microprocessor an Drives Lab
> Control and Instrumentation Lab
> Computational Lab
> Electrical Machines Lab
> Power System Lab

Research and Development Scopes

> Control on industrial drive using microprocessor
> Microprocessor based digital protection and industrial drive control
> Neuro- Fuzzy techniques in power system
> Power System optimisation by application of soft computing
> Power quality improvements by developing intelligent techniques

Projects

> Intelligent Soft Computing Approach to Power System operation and Control (AICTE)
> Application of CNN to AI & Neural Networks (MHRD)
> Robust coordinated approach for AVR and PSS design (AICTE)
> Developing Intelligence Techniques for Power Quality Improvements (DST)

Achievements

> Semi Finalist at L&T Techgium, 2019-20.
> Stage 2 qualifier at Eyantra, IIT Bombay.
> QuarterFinalist at IICDC, 2019 conducted by Texas Instrument.
> Top 30 Ideas at Hack the crisis India, Ministry of electronics & Information Technology.
> Second Runners-up in Sonarous, NSSC, IIT Kharagpur, 2019.
> AIR-4, Mathworks Minidrone Competition 2019 ,NUMA Bengaluru.



Electrical Engineering

Programme Offered

Undergraduate (B.Tech)
> Electrical Engineering (1956) - 120

Graduate (M.Tech)
> Power System Engineering (1968) - 18
> Power Electronics & Control of Drives (2012) - 18
> Control & Instrumentation (2015) - 18

Phd (Electrical Engg.)

Classroom Courses

> Embedded System
> Electrical Machines - I & II
> Electronics Circuits
> Power Electronics
> Power System - I & II
> Electrical Drives & Traction

Labs Offered

> High Voltage Engineering
> Microprocessor & Microcontroller
> Soft Computing
> Control System Engineering
> Machines Lab

Research and Development Scopes

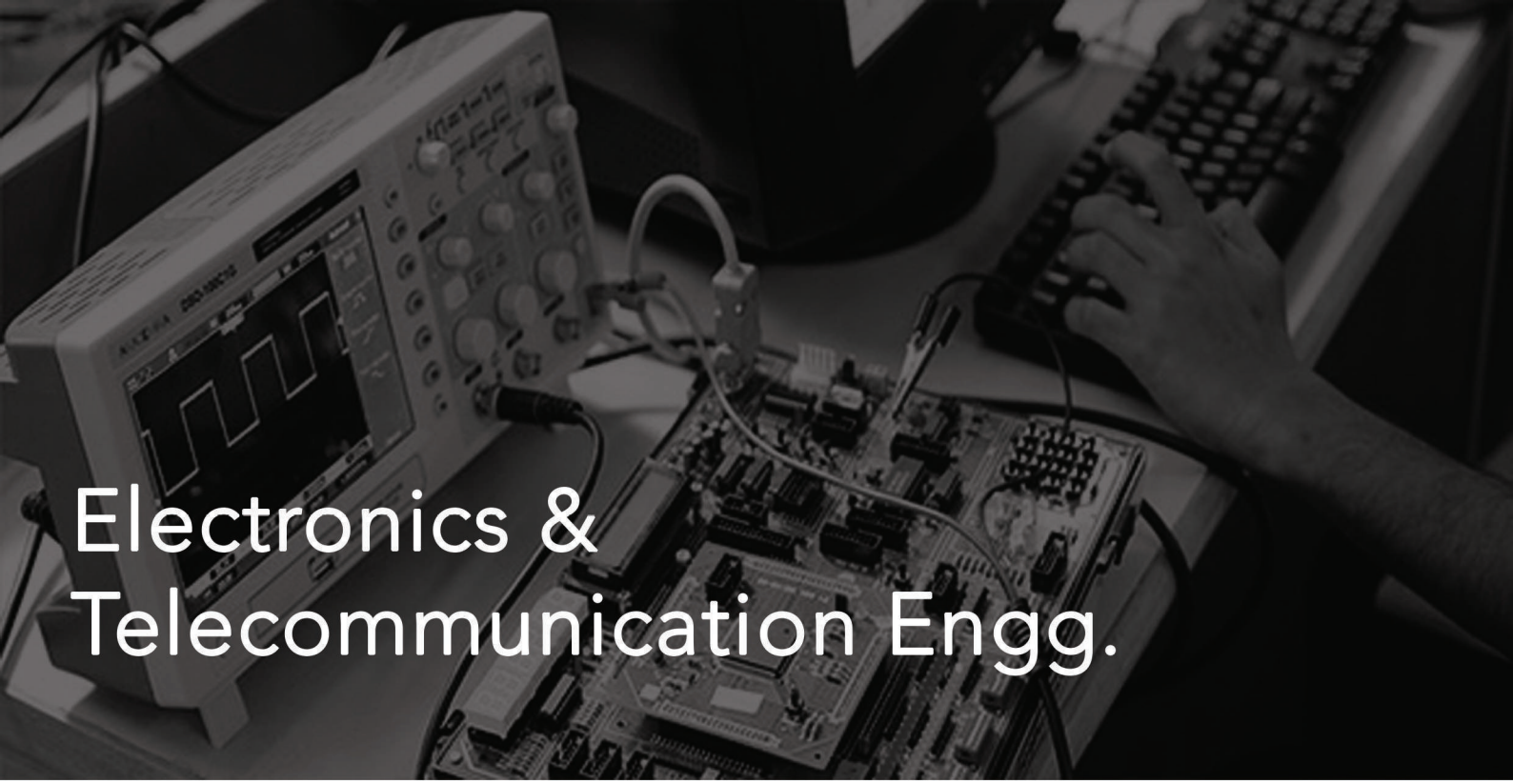
> Computer Aided Design for compensation of extra high-voltage AC transmission line
> Improved methods for simulation of non-linear systems
> Modeling of transformers and over voltage problems due to third harmonics
> Microprocessor based digital protection and industrial drive control
> Neuro-fuzzy techniques in power system
> Soft computing applications to power system optimisation and control problems
> Testing of circuit breakers, dielectric strength of insulators and parameters of solid dielectric using stringent techniques

Projects

> Intelligent Soft Computing approach to Power System Operational Control
> Robust Controller Structure for Coordinated Power System Voltage Regulation and Stabilisation
> Application of Advanced Signal Processing Techniques to Fault Diagnosis of Power System Elements
> Application of ANN to Power System Problems

Achievements

> Rashtriya Gaurav Award 2010: Prof. (Dr.) P K Hota
> Mother Teressa Excellence Award 2010: Prof. (Dr.) P K Hota
> Best Paper Award in IEEE Conference 2013: Dr. R K Sahu
> Young Scientist Award 2010: Dr. A K Barisal



Electronics & Telecommunication Engg.

Programme Offered

Undergraduate (B.Tech)
> Electronics and Telecommunication Engg. (1956) - 120

Graduate (M.Tech)
> Communication System (1995) - 18
> VLSI Signal Processing (2012) - 18
> RF & Microwave Engineering (2014) - 18

Phd (Electronics & Telecommunication Engg.)(2009) - 11

Classroom Courses

> Low Power VLSI Design
> Microcontroller & Embedded System
> Digital System Processing
> Information Theory Coding
> Analog Electronics Circuit
> Antenna Engineering
> Mobile Computing
> Analog & Digital Communication
> Digital Signal Processing

Labs Offered

> VHDL & Verilog System Design
> Image Processing
> Microprocessor
> Microcontroller & Embedded System
> Digital & Analog Circuit Design
> Analog & Digital Communication
> Telecommunication System
> Design Simulation System
> Circuit Debugging Lab

Research and Development Scopes

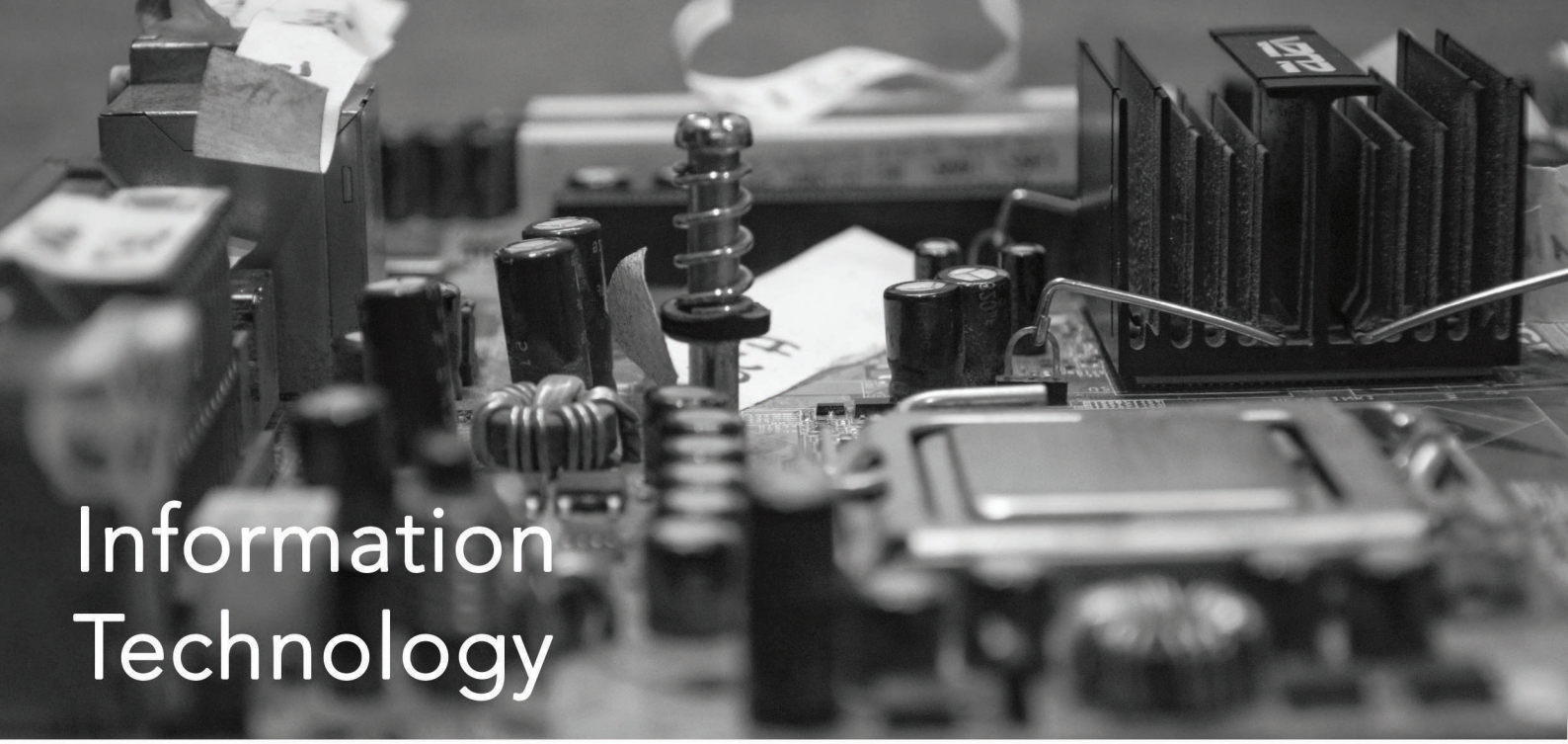
> Communication Systems
> Signal/Telematics Processing
> RF & Microwave Engg.
> VLSI & Embedded Systems
> Graphics/Image Processing
> Computer Vision
> Antenna Design
> Mechatronics

Projects

> IoB-spline wavelet based signal processing for remote sensing applications
> Flexible distributed manufacturing systems using LON
> Micro strip antenna design on ferrite substrate
> Building cognition for intelligent robots
> Telematics

Achievements

> Acieved 1st prize in NSSC, ISRO in Hoverpod
> Recognised as QIP center for PhD programme in AICTE
> Achieved 2nd prize in NSSC, ISRO in Aquabotics
> The Government of Odisha has recognised the department as a nodal center for the establishment of technology labs in the areas of Robotics, NTM



Information Technology

Programme Offered

Undergraduate (B.Tech)
> Information Technology (2003) - 60

Graduate (M.Tech)
> Information Technology (2013) - 18

Phd (2011) - 16

Classroom Courses

> Machine Learning
> Artificial Intelligence
> Data Mining & Soft Computing
> Theory of Computaion
> Operating Systems
> Microprocessors & Microcontrollers
> Software Engg. & OOAD
> Database Engineering
> Computer Graphics & Multimedia
> Computer Network & Security
> Computer Organisation

Labs Offered

> Theory of Computation
> Advanced Computing
> Software Engineering
> Computer Hardware & Microprocessor
> Operating System
> Data Communication & Computer Networks
> Database Engineering

Research and Development Scopes

> Parallel Processing
> Algorithm Engineering and Foundation of Computing
> Data Communication and Networking
> Data Mining & Soft Computing
> Distributed Systems
> Software Engineering
> Big Data & Cloud Computing
> Image Processing

Projects

> Iris feature segmentation using Semantic in Biometric devices
> Multi Robot and Communication using modified Q-Learning algorithm
> Health monitoring Watch using Android Applications
> Signature Verification using Custering Algorithm
> Intelligent Emotion Recognition Using Brain Signals (IEMOTION)
> Detecting Terror Related Activities on Net By Using Data Mining Technique

Achievements

> One girl secured position in Top 30 and bagged PPOs at Women of Mettle.
> A team was Qualified among top 20 teams in Bhopal smart city hackathon 2019.
> A team was Qualified among top teams in Hack In India script foundation hackathon.
> A student Qualified among the top finalists in p&g hackathon 2020.
> A student bagged State - UtkalHacks 2nd Runners Up(Hackathon).



Mechanical Engineering

Programme Offered

Undergraduate (B.Tech)
> Mechanical Engineering (1956) - 120

Graduate (M.Tech)
> Machine Design and Analysis (1972) - 18
> Heat Power Engineering (1972) - 18
> Production Engineering (1972) - 18

Phd (Mechanical Engg.) - 43

Classroom Courses

> Manufacturing Science & Technology
> Mechanics of Solid
> Fluid Mechanics
> Industrial Engg. & Operatioanl Research
> Machine Dynamics & Design
> Heat Transfer & Power Plant Engg.
> Composite materials
> Automobile Engineering
> Quality Control

Labs Offered

> Central Workshops
> Thermal Lab
> Design Sessions
> Fluid Machines Lab
> Tools Design
> Vibration Laboratory
> Material Testing Laboratory
> Industrial Engineering Lab
> RAC Lab

Research and Development Scopes

> Mechatronics
> Design and Analysis
> Composite Materials
> Nano Technology
> Production Engineering
> Thermal Engineering

Projects

>Integrated Manufacturing
> Manufacture of wear resistant components
> Development of ultra absorbent composite material using date palm leaf fibre
> Development of high vacuum brazing furnace for joining metals to ceramics
> Development of Nano/Ultra-nano diamond coating on cemented carbide inserts by HFCYD methods

Achievements

> 3 girls bagged in Top 30 and bagged PPOs Women of Mettle by TATA Steel
> A group of students brought glory by becoming finalist at L&T Techgium 2020.
> Many students were finalist in National Engineering Olympiad.
> Some Bright girls of the department were selected as finalist in "MechAura" by the Collins Aerospace.
>Students were finalist of east zone of TATA Crucible
> Students were second runner's up at L&T Createch.
> A student secured Finalist position in Dishathon 2020 organized by DishTV.



Metallurgical & Materials Engg.

Programme Offered

Undergraduate (B.Tech)
> Metallurgical & Materials Engg. (2013) - 60

Classroom Courses

> Physical Metallurgy
> Extractive Metallurgy
> Mechanical Metallurgy
> Thermodynamics & Kinetics
> Fabrication of materials
> Characteristaion of materials
> Heat Transfer
> Phase transformations
> Iron making & Steel making

Labs Offered

> Phase Transformation & Heat Treatment
> Mineral Processing & Fuel Testing
> Material Processing
> Physical Metallurgy
> Electro-Metallurgy & Corrosion
> Process Metallurgy Lab
> Materilas Characteristaion Lab
> Material Testing Lab
> Computer Application Lab

Research and Development Scopes

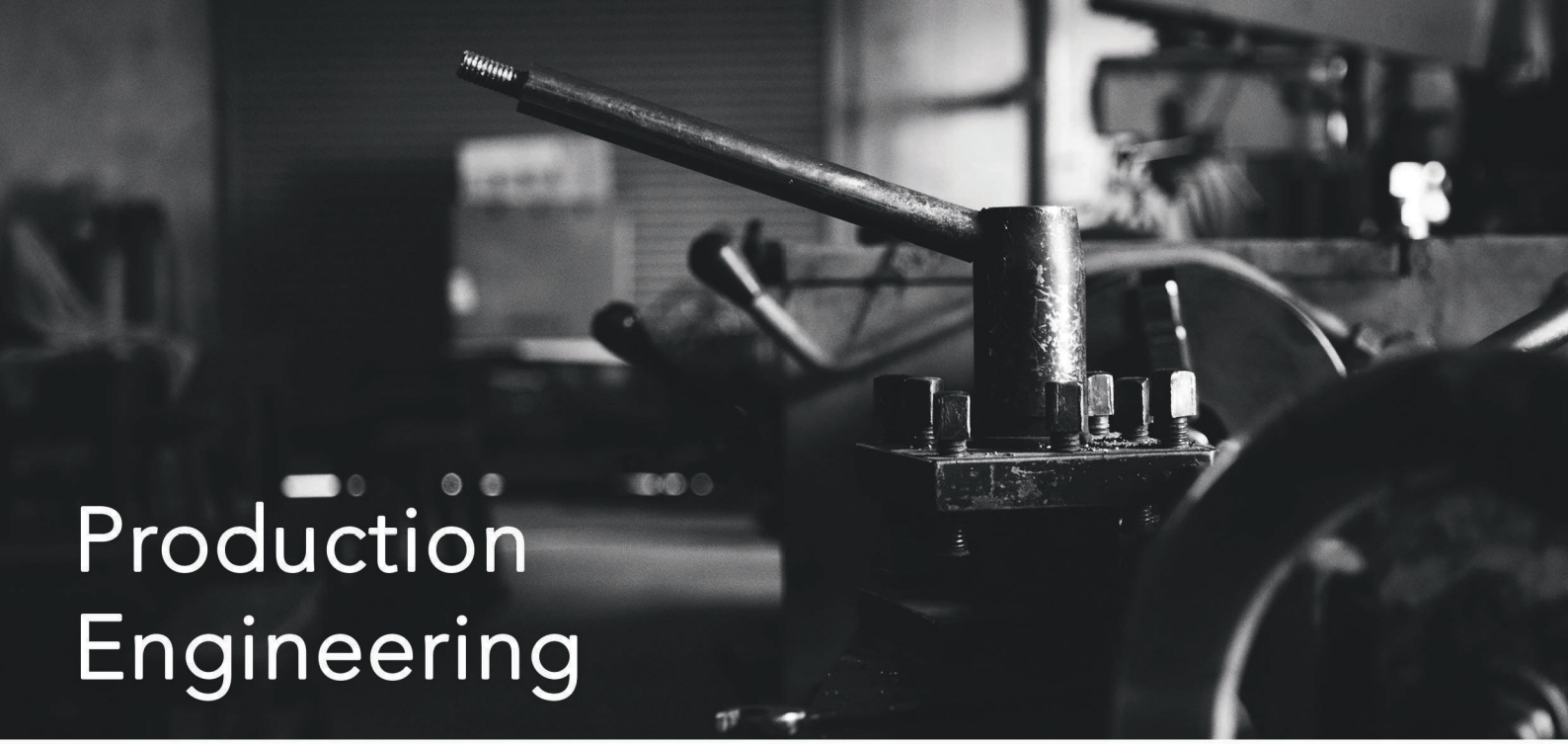
> Structure property correlation of ferrous, non-ferrous metals and alloys
> Reduction of cutoff grades and development of innovative process for increasing resource base
> Development of structural material by top down and bottom-up approach
> Nano-technology

Projects

> Modeling and FEM simulation of DRX microstructure for automotive applications
> Base & precious metals recovery from waste of electronic & electrical equipment
> Weld ability study of nitrogen oontaining austenitic steels.
> Boronizing behaviour of low carbon and medium carbon steel
> Enhancing shape memory properties of Ti-Nb binary alloy through ECAE processing for bio-medical applications

Achievements

> A student bagged 2Nd prize in advance material engineering at BTTD'S STUDENT SEMINAR Held at CSIR NML Jamshedpur.
> 1st in Oral Presentation National Metallurgists' Day Annual Technical Meeting '15
> 2nd i n Poster Presentation in BTTD '15, CSIR-NML Jamshedpur
> 1st in Metallography in NCPCM '15
> 2nd in Poster Presentation in NCPCM '15



Production Engineering

Programme Offered

Undergraduate (B.Tech)
> Production Engineering (1996) - 60

Graduate (M.Tech)
> Manufacturing Systems (2011) - 18

Phd (Production Engg.) (2010)- 04

Classroom Courses

> Manufacturing Science Technology
> Fluid Mechanics
> Operatioanl Research and Management
> Machine Dynamics & Design
> Robotics & FMS

Labs Offered

> Design Sessions
> Tools Design
> Vibration Laboratory
> CAD/CAM Labs

Research and Development Scopes

> Non-traditional machining
> Robotics & flexible Manufacturing Systems
> Tool Condition monitoring
> Welding Process optimisation

Projects

> Modernisation Non- Traditional Machining Process
> Modernisation of Metal Machining Lab
> Virtual Manufacturing using Information Technology

Achievements

> A group of students bagged position in Top 10 in L&T CREATECH 2020.
> Many students were Tata Crucible 2020 Eastern India Runners up.
> A team of students were Maker Faire Hyderabad – Finalist
> Many were participants of Aakruti Design, Dassault systems.
> A group of students were National Finalist at L&T CREATECH.
> A group of students were in Top 10 in L&T Createch.

What does one expect a University which is surrounded by cluster of worldclass industries and institutes to do - to partner with them for research and solve problems of the society ? VSSUT exactly does that. It is at the epicenter of mammoth industries who have investments to the tune of 150,000 crore rupees. It is surrounded by many reputed Universities and also an IIM. Together they create opportunities to broaden the reach and vision of students.

Internships Trainings & Industrials Visits

Students are exposed to internship and training programs in reputed industries like NVIDIA, Nokia, KPMG, ITC, L&T, Hindalco, Vedanta, ECIL, NALCO, OHPC, OPGC, TATA Steel, NTPC, etc; They conduct various research internships from top IITs and NITs,BAARC etc. They are taken on industrial tours; they participate in problem-solving and take up projects. Some companies our students were offered internships:

Startup Entrepreneurship

Apart from such industrial and academic giants, even budding start ups of the country are considered while giving internship opportunities to the students. The university and Alumni Association organize regular workshops and seminars addressed by successful entrepreneurs, administrators and policy-makers. We have 3 successful startups in revenue stage and 10+ startups in growing stage under Entrepreneurship Club.

Alumni Presence Corporate Footprint

VSSUT is gifted with a vast and vibrant Alumni body which has National as well as International presence. Alumni organize internship and placements for the students; they are the trusted source of career guidance, counseling etc. which prepare the students in the best possible way to compete at the global level.

Building Champions

At VSSUT, most of the learning takes place beyond the classrooms; it happens in the Sports ground, Robotics arena, Music stages, Placement cell etc.
Here the students learn important life skills like planning, organizing, budgeting, marketing, fund raising, problem solving, social skills, team work and muchmore.
Spirited exchanges at sports field or SAE competition are taken to Classrooms and later to the factories and to the corridors of corporate world.
Every students exits VSSUT with never-say-die attitude.

ROBOTICS CLUB

Provides training and resources along with an elite competitive environment preparing students to strive national level robotics competitions like ROBOCON and various other inter-university tournaments.



FORMULA STUDENT CHAPTER

It has two teams BAJA and SUPRA. BAJA designs all-terrain vehicles (ATVs) and SUPRA designs F3 class vehicles, adhering to global standards of performance.
AIR-6 Overall(Enduro Student India-2018)
AIR-1 Dirt-X(Enduro Student India-2018)
AIR-1 Endurance Race(Enduro Student India -2018)



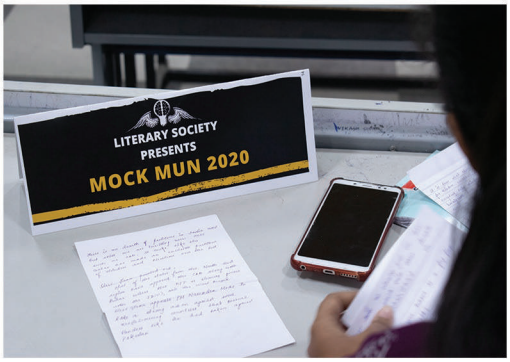
EDP SOCIETY

Responsible for development of entreprenurial skills in students and refining them to face a tough corporate world.
The club helps in developing proffessionalism iwhile refining every individual talent.



LITERARY SOCIETY

Literary Society promotes literary activities across the domains of speaking, reading & writing in the students via events and activities. It primarily handles the official e-Newsletter and annual magazine of the University, and it's a major component of the annual cultural fest.



Enigma

Enigma provides a platform to the tech savvy students in the field of coding and developer technologies. It also organizes events, sessions, hackathons and programming challenges throughout the year. Enigma has achieved multiple qualifications in international competitions such as ACM-ICPC and Google Code Jam.



Google Developer Student Clubs

With an aim to Connect, learn and Grow and facilitate community learning, Google Developer Student Clubs are established for college and University students interested in Google Developer Technologies. Students grow their knowledge in peer to peer learning environment and build solutions for community.



CodeChef VSSUT Chapter

An initiative for the geeks, who share the common love for Computational Problem Solving. CodeChef VSSUT is a non-commercial organisation with a goal to provide a platform for programmers and developers everywhere to meet, compete and have fun. We host exciting contents frequently and post content to sharpen your coding skills.



HackerEarth Hub VSSUT

The HackerEarth Hub VSSUT is a platform for students who are passionate about programming, and are interested in building a programming community as well as being an active part of it. We aim to navigate everyone through various hiring challenges, hackathons and competitive programming challenges and help improve everyone's cognizance about said opportunities.



ATHLETIC CLUB

Responsible for promoting health, fitness and sports in the community. The club organizes the annual athletic meet ILLUMINA and the bi-annual Inter University Sports Meet. It provides training and exposure to oncampus athletes and sportspersons.



IDEA & INNOVATION CLUB

A platform where new & young innovators are guided towards there success which eases their work and achieve something remarkable and provides them with appropiate resources.



Music & Dance Club

The club is filled with music and dance lovers who take the preferred hobbies to a whole new level with their extra sense of music and dancing. They were runner's up this year in CYPHER- the ultimate street battle at IIT KGP.



Quizzine-The Quiz Club

The club conducts regular quizzing sessions for interested and aspiring quizzers. Quizzers from VSSUT have won in national level quizzing events at IIT Kharagpur, Tata Crucible, Mettle Quiz and Mahindra Auto-Quotient.
They also organise annual open quiz named VARCHASWA.



Infrastructural Marvel

- A state-of-the-art Innovation cum Incubation Centre has been set up in collaboration with **ISRO** and **Startup Odisha** is fully functional.

- Eleven majestic Wi-Fi equipped hostels provide the right environment for students- away from the distractions of a city. VSSUT cultivates an amazingly-bonded 'Gurukul' culture.

- VSSUT has the largest technical library in the region with over 60,000 books and journals. It has an e-library offering online resources and every user is given a smart card.

- A 1500-seating capacity Auditorium renders an apt platform to talented students and eminent speakers.

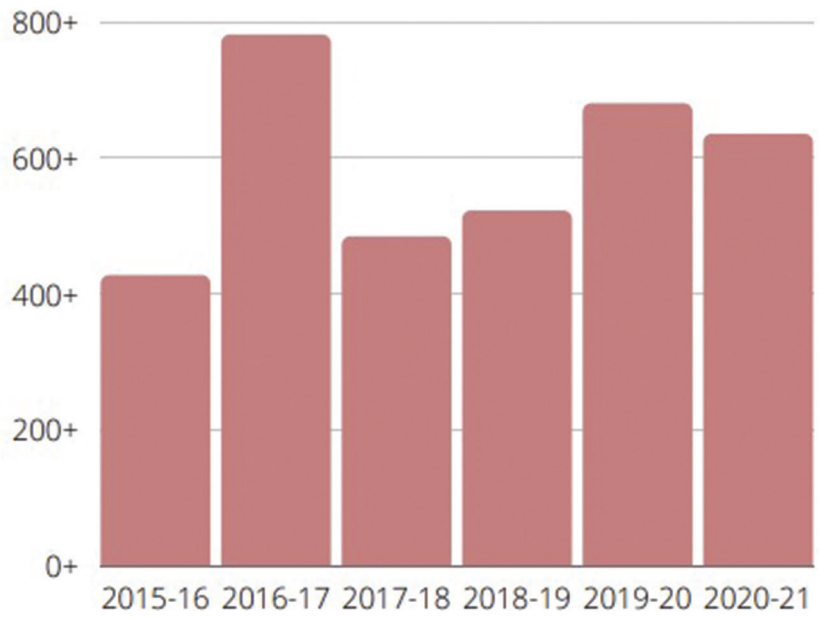
- Construction of a 5000-seated Amphi Theatre is soon starting which would raise the bar of existing infrastructure.

- A state-of-the-art e-Learning Centre, fully e-enabled, has just been created to meet the growing needs.

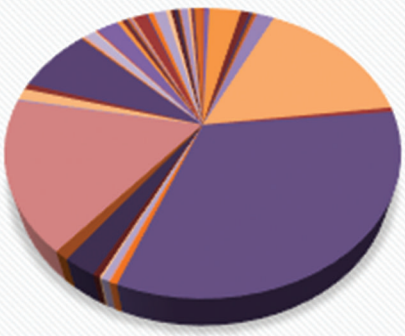
- Plans are drawn to fill the campus with Centres of Excellences, Research Centres, Innovation Centres, Entrepreneur Cell. All in next couple of years.

Winning over the Corporate World

Each student leaves the campus with tremendous self-belief, competitive attitude, and a hunger to win. They know that they have a promise to keep, a point to make, something to achieve. VSSUT has placed trust on each of them and they know they have to deliver that trust. That keeps the Companies across sectors to visit VSSUT year after year for placements.



Placement Highlights 2019-20





Our Noteworthy Recruiters
















































































JSW


TEKsystems
An Allegis Group Company


ICT HEALTH
TAKING CARE OF HEALTHCARE


pwc


L&T Technology Services


INDIGO
Be surprised!


Principal


AcesoCloud
AN INOVAARE COMPANY


HEXAWARE


TATA
TATA ELECTRONICS


cisco


Kaar
In Pursuit of Excellence


DXC
TECHNOLOGY


riktam


RAJA
SOFTWARE
LABS
peace of mind


KPMG


HANSA
SOLUTIONS
We support your progresss


FACTSET




CleverTap


suneratech




DeltaX

Hall of Fame



Sarat Kumar Mohanty (1960)

Retd Engr-in- Chief, DoWR , Odisha
Constructed Balimela,
Kolab, Indravati Dams



S S Mohanty (1977)

Retd Director, SAIL



Braja M Das (1963)

Retd Dean of College of Engg &
Comp. Sc. at California State Univ,
Sacramento, USA



B C Jena (1963)

Retd Member – OERC
Retd CMD – GRIDCO,
Ex-GM – OPGC



Banbir Das (1965)

Retd Addl. Director General, MES
Led 33 MES Zonal Chief Engineers



Sachi Mohapatra (1967)

Rear Admiral (Retd),
E.D. – Bramhos Aerospace,
Developed India's first TORPEDO



Sashi Bhusan Nayak (1967)

Retd President (Tech), Vedanta
Ex- Director (Production), NALCO



Ashis Das (1967)

Retd Joint MD – Jindal Stainless Steel
Retd Director – SAIL,
Ex-Chairman – M.E.L.



Renubala Mohanty (1967)

Retd. GM, L&T
First lady engineer in state of
Odisha



Mihir Kumar Mohanty (1967)

Retd VP & Head of East Zone
L&T ECCD



J K Nanda (1967)

Retd V.P. L&T ECC, Founder President of Indian Welding Society



Rajendra Prasad Mohanty (1967)

Retd VP - HR of ACC,
Ex-Dean of ITM University,
Ex VC of SOA



M Senapati (1969)

Retd Director, Jindal Stainless Ltd
Ex- CMD of MECON Ltd



C R Pradhan (1969)

Retd E.D., NTPC



PK Rath (1962)

Addl Director General,
Central Works Dept



P K Pradhan (1977)

Retd Director (Commercial), GRIDCO
Ex-CEO of WESCO



Rajendra Prasad Sasmal (1979)

Director – Technical, PGCIL



Nihar Gantayat (1980)

Executive Director. ONGC



Nalini Pradhan (1980)

Works Secretary, Govt of Odisha



Jaydev Nanda (1981)

CEO, Adani Power Ltd
Ex-Regional E.D., NTPC



B K Mishra (1982)

Director (Operation), LANCO Power



Prasanta Mukherjee (1983)

Director (Operation), Welspun India



Sanjay Burman (1986)

Director, DRDO



Binay Das (1987)

Director, DRDO



Debraj Das (1988)

Managing Director, MSA India Ltd



Bijay Mohanty (1989)

Accountant General, Chattishgarh



Athar Shahab (1989)

CEO, Nabha Power Ltd (L&T)



Partha Mishra (1989)

President, Optum Global Solutions



Aniruddha Patnaik (1989)

COO, Dynamic Drilling & Services



Anand Pujari (1989)

Head (Operation), Hewelett Packard



Nivedita Rath (1989)

Group Executive,
Lloyd Banking Group



Debasish Mohapatra (1989)

Director, PwC



Basant Mishra (1989)

Sr VP, Global Delivery Head,
Tech Mahindra



Satyabrata Pattnaik (1990)

Dalwin Marine Group (Manuf. of Ship Diesel Engine components)



Pinaki Mishra (1992)

Partner, Ernst & Young



Dhiraj Sinha (1992)

Vice President, Capgemini



Ashesh Padhy (1992)

Sr. VP & Director,
VIPL Reliance Power, ADA



Jagdish Mohapatra (1993)

MD- Asia, Crowd Strike



Mukesh Dhandania (1993)

Map Mines & Minerals Limited
(Manuf. & Trading of
Iron Ore, Slag, Gypsum)



Sabyasachi Rath (1994)

CRO, Maybank India



Chandrahas Panigrahi (1996)

CMO and Business Head, Acer India Ltd.



Subhranshu Pani (1996)

MD, Jones Lang LaSalle

Galaxy of Self-made Entrepreneurs



Amarendra Dash (1973)

Suryo Udyog Ltd (Export & Trading of Marine products)



Captain R C Singh (1976)

B P Marine Academy



Sushant Acharya (1982)

Innovis Telecom Services
(Telecom Services across 16 countries)



Srinibas Behera (1988)

Retigence Techologies Pvt Limited
(Supply Chain Business)



Chinmoy Dutta (1990)

(ENERVISION
Energy Auditing)



Jitendra Sarangi (1991)

CSI Computech Pvt Limited
(Mobility solutions,
Industry Automation)



Tanmay Das (1991)

Raajratna Energy Holdings
Pvt Limited (Putting up RE infra –
Solar, Wind, etc)



Krutibas Biswal (1991)

Optum Soft Research Pvt. Limited
(Development of modular &
distributed apps)



Pradeep Mahalik (1993)

Vizbeh Compositech Pvt Limited
(Composite Plastics for
high end products),
MD at Kenta Synergy Pvt. Ltd.



L N Mishra (1992)

Adaptive Processes Limited
(Global Business Analytics &
Enterprise Mgt)



Kalyan Chakraborty (1993)

Rising Straits Capital, Financial Services
(Private Equity and NBFC Business)



Manoj Das (1997)

Inventon Solutions Pvt. Limited
(eCommerce Business on
Supply Chain Mgt)

Contact Us

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