



placement brochure
2015-16

Veer Surendra Sai
University of Technology
Burla, Odisha



OUR MISSION

VSS University of Technology strives to create values and ethics in its products by inculcating depth and intensity in its education standards and need based research through:

1. Participative learning in a cross cultural environment that promotes learning beyond the classroom.
2. Collaborative partnership with industries and academia within and outside the country in learning and research.
3. Encouraging innovative research and consultancy through the active participation and involvement of all faculty members.
4. Facilitating technology transfer, innovation and economic development as natural results of research wherever possible.
5. Expanding curricula as appropriate to include broader perspectives.
6. Creation of service opportunity for the upliftment of society at large.

From the Vice Chancellor's Desk



I welcome you on behalf of Veer Surendra Sai University of Technology, Burla. Established in 1956 as University College of Engineering, Burla, it has been upgraded to a Unitary University in the year 2009 based on its remarkable achievements over time.

In recent days, there has been a tremendous growth in the technological field throughout the world. This institution has been keeping pace with the present development and accordingly modeling its curriculum and infrastructure to suit the needs of the Nation. Over 1500 graduates and 2000 Post Graduates have been produced under strict vigilance of academic regulation and discipline. Over 150 students are continuing their PhD in the field of science and technology under the able guidance of our highly qualified faculties. Our students with sound technical knowledge, innovative ideas and high degree of motivation, can undoubtedly handle the challenges the world has in store for them and prove their worth.

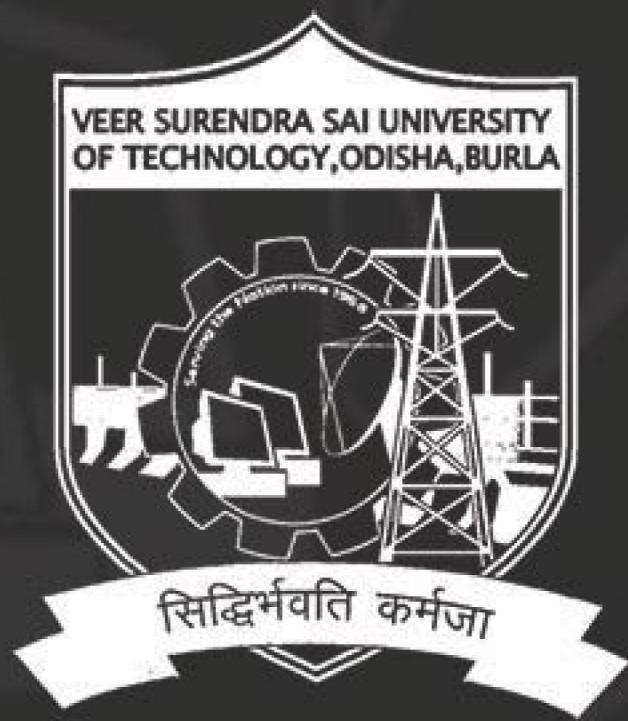
For regular and new recruiters, I strongly advocate the opportunity to visit, interact and recruit from a pool of highly competitive and smart technocrats to cater to the needs of your organisation.

In preservation of a healthy University-Industry interface, I look forward to groove a long continuing relationship.

Prof. E. Saibaba Reddy
Vice-Chancellor, VSSUT

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सिद्धिर्भवति कर्मजा

Institute

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The University



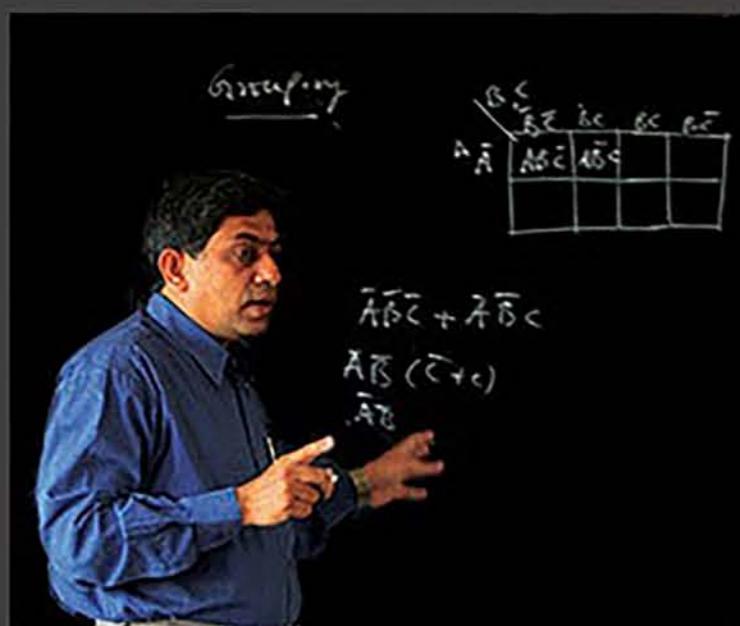
VSSUT Burla - Laddering up as a national brand in imparting technical education, is an eminent member of the Association of Indian Universities(AIU). Established in 1956 as University College of Engineering, Burla, an institute of national importance, VSSUT Burla is consistently in the process of producing quality engineers, R&D experts, entrepreneurs, company heads spread across the globe. With one of the most diverse league of enthusiastic Alumni in the entire country, the University has been rocketing high in its all-round profile. Nested in the foothills of the construction marvel - Hirakud Dam, the staggering landscape around the Campus lends a touch of ambience to the technical environment. The synergy of University and Industry pertaining to the extensive industry belt (Hindalco, Vedanta, ACC etc.) in the vicinity of the Institute, contributes to the overall enhancement of academics and work skills among the budding VSSUTians. The diverse outlets in the University curriculum sponsor the leaders of tomorrow. Aimed at service of the Nation, VSSUT is the garnering epitome of excellence. A quality oriented production house of Engineers.



History

VSSUT is the cradle of engineering education in the state of Odisha. The first engineering college in the state, set up in 1956, the institute is going to celebrate its DIAMOND JUBILEE in 2016. VSSUT, formerly UCE, Burla has a rich heritage of producing quality engineers who are spread around the world in top notch companies and institutes. The engineers from UCE played a huge role in infrastructural development in the post independence era of the Nation. VSSUT is a dynamic institution with new streams being added over time to fulfill the demands of the industries in the field of Science and Technology.

Faculty



The VSSUT faculty are constantly dedicated to augmenting classroom interaction and teaching as well as enhancing pedagogic standards. Learning from a group of professors who are experts in real world issues is a great experience for the budding engineers. The Faculty members constantly inspire students to discover, invent and innovate. At every step the student is guided in his quest for excellence.

- Dr S mishra was awarded the **INSA Medal for Young Scientist** as well as the Young Engineers Award in the year 2002.

- Dr. P. K. Hota has been selected to be listed in "**The Contemporary WHO's WHO**" 2002-2003 published by The **American Biographical Institute,USA**.

- More than **150 PhD holders** have been guided by the faculties of this institute.

- Faculties comprise of more than **64 PhD holders** - The highest in Odisha.

- Winners of various international national awards and honors like **Vijay Shree**, **Rashtriya Gaurav** and **Sir Arthur Cotton Memorial Prize**.



Faculty Achievements

There are more than 100 awards received from different organizations by faculty members. However, a list of some awards / recognitions for excellence in teaching at the state, national and international level are given below.

Prof. C. R. Tripathy

- = 2010 Leading Scientist of the World, International Biographical Centre, Cambridge, UK
- 2010 Rashtriya Gaurav Award, India-International Friendship society, New Delhi
- 2012 Gold medal, American Biographical Institue, USA

Dr. Rakesh Mohanty

Reader, Dept. of Computer Science and Engineering

- = 2011 Rashtriya Gaurav Award, India International Friendship Society
- 2011 Asia Pacific Excellence Award, Citizen Integration Peace Society
- 2012 Best Research Paper Award, Computer Science Track, International Conference on Recent Advances in Engineering and Technology, Hyderabad

Prof. S. K. Swain

- = 2010 DAE BRNS Young Scientist Award, Govt. of India
- 2011 JNCASR Fellow, Govt. of India
- 2013 INSA Fellowship

Dr. Ajit Kumar Barisal

Assistant Professor, Dept. of Electrical Engineering

- = 2010 Young Scientist Award, Odisha Bigyan Academy
- 2010 Young Engineer Award, Institution of Engineers (India)
- 2013 State Award
- 2015 Best Web Shop, Elsevier

Faculty Achievements

There are more than 100 awards received from different organizations by faculty members. However, a list of some awards / recognitions for excellence in teaching at the state, national and international level are given below.

Dr. Ganeswar Nath

Assistant Professor, Dept. of Physics

- = 2014 Dr. Pancholy Award- 2013, Ultra Sonic Society of India
- 2015 Young Scientist Award in ISU-2015, Nagpur University, Nagpur

Dr. B. B. Pani

Reader, Dept. of Mechanical Engineering

- = 2010 Rajiv Gandhi Sadhbhabana Award

Prof. P. K. Pradhan

Professor, Dept. of Civil Engineering

- = 2010 M. N. Bhuyan Memorial Gold Medal, Institution of Engineers (India).

Dr. Punyapriya Mishra

Assistant Professor, Dept. of Mechanical Engineering

- = 2014 Young Scientist Award- 2012, Odisha Bigyan Academy

Faculty Achievements

There are more than 100 awards received from different organizations by faculty members. However, a list of some awards / recognitions for excellence in teaching at the state, national and international level are given below.

Prof. A. N. Nayak

Professor, Dept. of Civil Engineering

- = 2014 Dr. Pancholy Award- 2013, Ultra Sonic Society of India
- = 2015 Young Scientist Award in ISU-2015, Nagpur University, Nagpur

Dr. R. K. Sahu

Reader, Dept. of Electrical Engineering

- = 2013 Best Paper Award in IEEE Conference, ICCPCT

Mr. S. S. Behera

- = 2013 Institute Silver Medal, NIT, Rourkela

Dr. P. L. Praveen

- = 2010 Rajiv Gandhi Sadhbhabana Award

Mrs. Leena Sinha

Assistant Professor, Dept. of Civil Engineering

- = 2010 Institute Gold Medal, NIT, Rourkela

Mrs. Renu Kumari

Assistant Professor, Dept. of Metallurgy & Materials Engineering

- = 2015 Best Oral & Poster Presentation, IIT Kharagpur in association with IIT Kanpur, CDTA, Algeria & IIM Calcutta

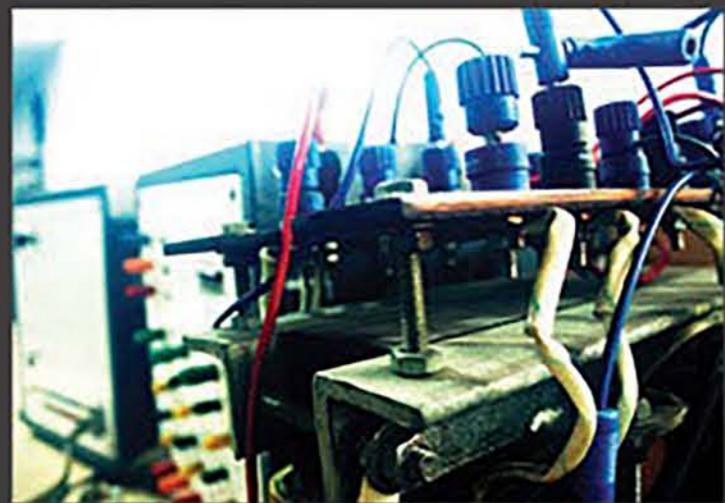
Facilities & Infrastructure

The institute boasts of state-of-the-art instructional facilities with the lecture halls and auditoriums of the department being equipped with excellent audio visual aids.



Library

To add the students and faculty in their pursuit of knowledge, the Central Library of VSSUT, the largest technical Library in the state, performs the task of acquisition and dissemination of knowledge in various forms. The library has a total collection of 51900 books and has subscribed to above 9000 print journals. Over the last three years more than 3500 books have been added. Digitalisation of the available manuscripts is being undertaken.

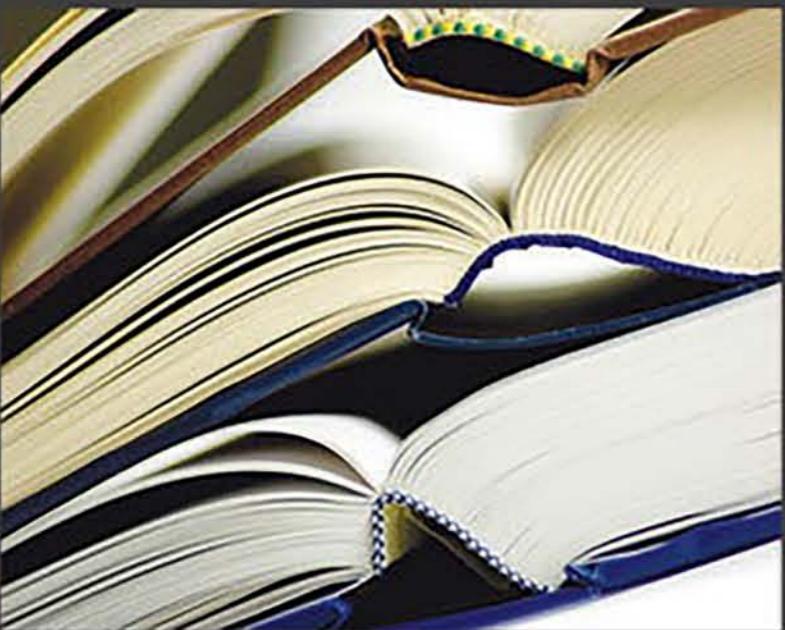


Research

The departments of VSSUT provide cutting edge research facilities to its students to carry out research as a part of their academics. Up-to-date laboratories meeting highest industry standards mean that the students can get their hands on the best available equipment while working on industry or research projects.



Academic Programs



The various academic programs are designed to provide the industry needs and have the flexibility to evolve and change in response to new requirements.

Besides the regular course which aims at building the fundamentals, each programme includes a project and an internship in some cases, of appropriate duration to expose the students to cutting edge research and development to help them understand and solve practical problems

Undergraduate Programmes

B. Tech. (4 Year Course)

Civil Engineering

Computer Science and Engineering

Electrical Engineering

Electrical & Electronics Engineering

Electronics and Telecommunication Engineering

Information Technology

Mechanical Engineering

Production Engineering

New Branches

Chemical Engineering

Metallurgy & Materials Engineering

B. Arch.

Graduate Programmes

M. Tech. (2 Year Course)

Communication Systems

Heat Power Engineering

Hydraulics and Irrigation Engineering

Machine Design and Analysis

Production Engineering

Power System Engineering

Structural Engineering

Transportation Engineering

M.C.A. (2 Year Course)

M.Sc. (2 Year Course)

Applied Chemistry

Industrial Physics

Students

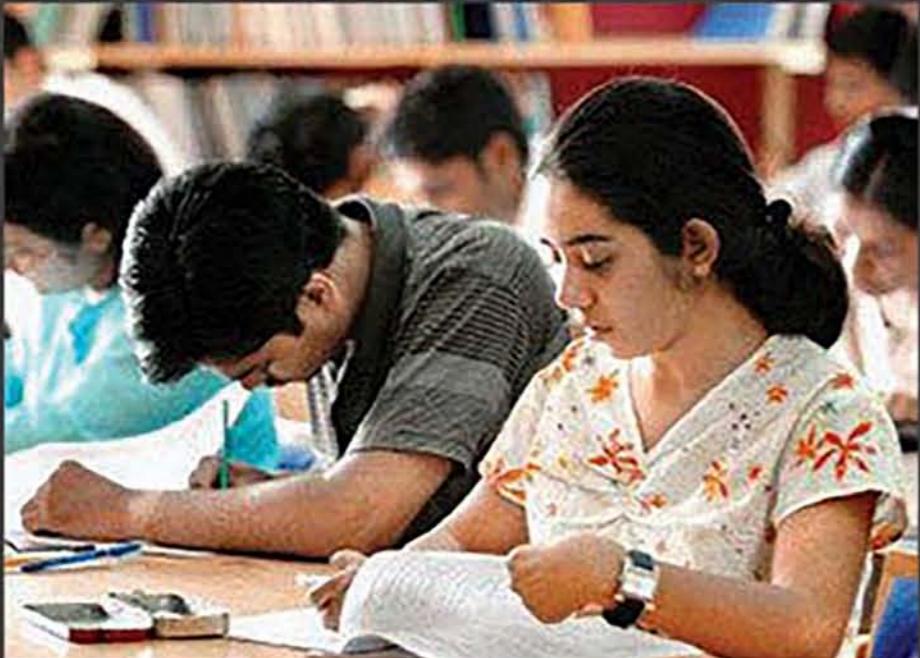
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Campus life



Admission Procedure



The admission procedure of VSSUT ensures that only the students of the highest possible academic standards make it through to campus. VSSUT, (formerly UCE, Burla), given its pedigree has always been the choice of the top rankers of the qualifying examination and the administration leaves no stones unturned to keep it that way. The admission to the various programme is done through the following exams.

OJEE/JEE Main (Odisha Joint Entrance Examination Joint Entrance Examination Main)

For admission into B.Tech and MCA courses

GATE (Graduate Aptitude Test in Engineering)

For admission into M.Tech Courses

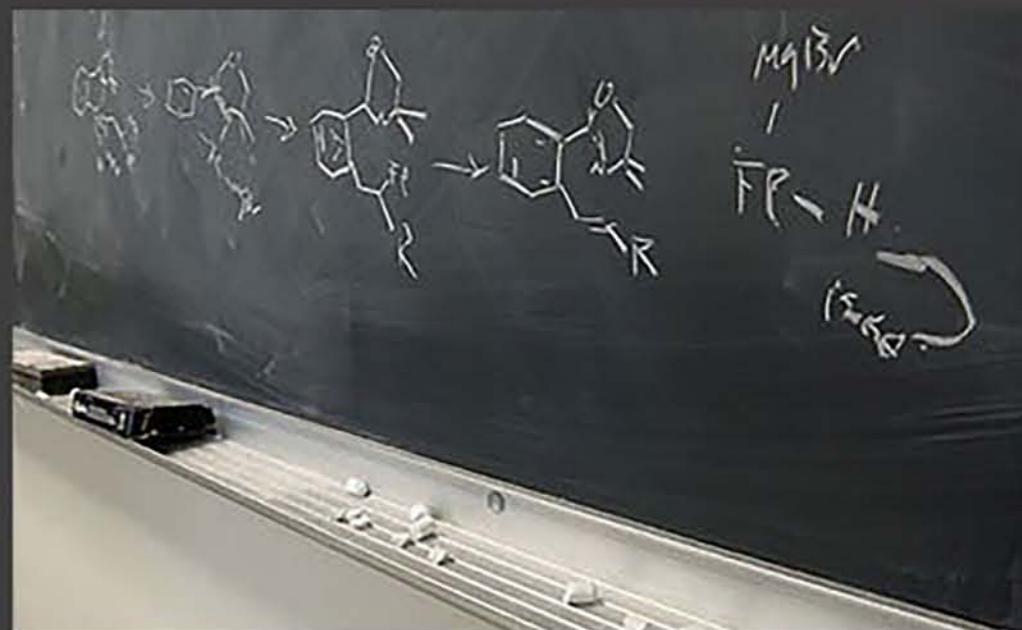
Admission to the PhD programmes is done through a separate entrance examination and interview conducted by the University.

Students

The *crème-de-la-crème* of the students selected on the basis of OJEE (Odisha Joint Entrance Examination) enter VSSUT because they want to experience engineering as a dynamic and multi dimensional process. Students spend their stay at VSSUT putting theories into practice, as a result they are several strides ahead of the pack.

The academic schedule and syllabi of the students is meticulously planned by the academic council so as to maximize gains on the part of the students.

Compulsory activities like Yoga classes/NCC are also a part of the rigid schedule. Enough time and opportunity to allow participation in sports and their hobbies ensure allround development of the students.



Activities



At VSSUT, strong emphasis is laid on a balanced schedule consisting of academic, co-curricular activities to ensure an all round development of the student while providing multiple platforms for students to improve their soft skills, which are imperative for one to excel in his/her work space. The University encourages the students to organize almost everything by themselves from sports to industry meets, tech fests, seminars and campus placements where they get to know real life situations and how to handle them. VSSUT builds team players, shapes their attitudes, develops confidence, inculcates sportsmanship and evokes terrific camaraderie.

Clubs

Students Cultural Association
Students Dramatic Association
Robotics Society
Literary Association
Audio Visual Club
Art & Photography Club
Athletic Club
Music Club
Quiz Club
Coding Club
Model United Nations Society
Social Service Guild
National Cadet Corps
National Service Scheme

Collegiate Chapters

SAE
ISTE

Student Achievements



VSSUTians have always been famous for their achievements off the classroom limits. Hand in hand with excellent academic performance, they have proved their mettle in other fields such as research, management, entrepreneurship and sports. They have also performed exceptionally in national and international competitions which put their knowledge and skills to the test. Mentioned are some notable instances:

1. Sanket Kumar Tripathy and Bivash Rath Attreya were regional winners and zonal finalists in the prestigious **TATA Crucible Biz quiz**. Saunak Das, Deepak Kumar Rout, Vivek Pradhan won the prestigious **ADHAAR quiz** conducted by konark cement and AIMA (All India Management Association).
2. 18 membered Robotics team led by Manikant Behera made us proud by bagging the 27th rank at the national level **ROBOCON 2015**, the team also managed to bag the top spot in state beating NIT Rourkela and NIST Behrampur amongst other participants.
3. Team VEERs Racing was selected to participate in **BAJA student India 2016** (Organised by delta inc) clearing the online Rule Book Quiz with a rank 20 out of 101 teams. Remembering its past glories the team finished within a rank of 12 out of 44 teams at the BAJA students India held at NIT Jamshedpur, This January.
4. VeerRacerss the official entry of our University for the event **Supra SAE India 2015** had come out with flying colours in the virtual simulation round of the event held at Vel-Tech university Chennai. The team took in the main endurance event held in **Madras Motors Racing Track** in Chennai during July 2015.
5. Samit Rajan Patel, Soumyadarshan Meher, Swayam Shree, Subhranshu Bhoi are co-founders of **iOKE Motors** which makes electric 3 Wheelers and Electric Wheel Chairs. The Electric Wheel Chair was appreciated in national forum.



6. Rajendra Kumar Sinku has filed patent for his invention of his **Clutch Slip Lock Drive (CLSD)** on the power train which facilitated economical switching between 4WD and 2WD.
7. Sahil Sankalp Patel has filed a patent for **Steering Assisted Brake Steer (SABS)** which helps the vehicle to turn easily by selectively braking the inner wheel while turning.
8. The clubs members of our college have designed a **Wireless Kill Switch**. It is a safety mechanism used to shut off a device in an emergency situation in which it can not be shut down in the usual manner.
9. An **Inclined Drive Assist (IDA)** system was also developed by our students to prevent unwanted rolling in hilly terrain.
10. Students have shown their talent at various national level competitions like "**BITWISE 2K14**" (IIT, Kharagpur), **ACM ICPC(IIT, Kanpur)**. And have been acknowledged for their endurance and dedication nation wide with qualitative/ sought after/ internships at GE.

Training & Placement

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Training & Internships

Practical interfacing of the theoretical knowledge acquired during the classroom learning is done by the provision to undertake various certified summer training courses at highly esteemed institutes. This enables our students to win the race in the real time corporate world.



NALCO
DMRC
OHPC
SEIMENS
MECON
BHEL
GRIDCO
TATA Motors
HAL, Bangalore
Maruti Suzuki India Ltd
HMT ltd.
NTPC
HAL
S.E Railways
TISCO
OHPC
PGCIL, Odisha circle
MCL, Burla
OHPC, Burla
TCS AIP

OHPC
Hindustan Motors BAJAJ
Auto.
IB Valley Corp. Prashar
Bharati BALCO
DRDO
TATA Infotech
PPL
AIR
NSN
IIT, Kharagpur
IIT Kanpur
IIT, Guwahati
OPTCL
TATA Bearings TELCON
ONGC
AAI, Rajkot Airport
CPWD, Bhubaneswar
IIMT, Bhubaneswar
HHEP, Burla

SAIL, Rourkela
Vedanta INDAI
Jindal Steel Pvt Ltd.
L&T Ltd.
Heavy Vehicle Factory, Chennai
Dynamatic Technologies Limited
Bokaro Steel Plant
Kharagpur Workshop, SE Railway
CTTC
Paradip Phosphates Ltd, Paradip ,Odisha
Airports Authority of India
Hindalco
Frontier Inspection Technology, Hyderabad
Opera Softwares
STPI
Cochin Port Trust
OCL
BSNL
Ambuja Cement

Apart from regular internships, the students are also given training on soft skill development.

Previous Campus



ABB Ltd.
ACC Cements Ltd.
Aditya Birla Group
ADVENTZ Group
Ashok Leyland
Aracent
ATOS Origin
Avantha Power and Infra
Avtec. Motors
BILT
Birla Soft
BOSCH
Bharti Telecommunications
Caritor
Capgemini
CMC
Crompton Greaves
CSC
Cummins India
DCL

ELMARC
ERA Group
ESAB India
HCL
Honda
HP
HUAWEI
IBM
I-Fles Solutions
I-Gate Solutions
IMFA
Indian Air Force
Indian Army
Indian Navy
Infosys International Auto Ltd.
Jindal Stainless Steels
Jindal Steels Limited
Jindal Stainless Steels
Jindal Steels Limited

L&T Cements
L&T IES
L&T EEC
Mahindra & Mahindra
Maruti Suzuki
MBT
MEIL
MESCO
Mindtree Solutions
Naval Construction
NCR Systemedia
OSL
OCL
PCS
Pradan
Polaris
PPL
Radiant Power
Ramky Construction
Russula Automation
Satyam Computers
Simplex Construction
Sankalp Semiconductors
Sasken
Syntel
TATA Motors
TATA Power
TATA Projects
TATA Refractories Limited
TATA Sponge Iron
TATA Cummins
Tata Consulting Engineers
Tata Consulting Services
Tavant
Tech Mahindra
Tega Industries
Telcon
TVS Motors

Alumni

The presence of our Alumni at the National and International level can very well be felt from the positions they hold today. Mentioned are a random few.

Shri. Jitendra Sarangi

CEO

Concepts & Solutions Incorporation, India

Shri. Pinakiranjan Mishra

Partner and Country Head
Ernst & Young, India.

Shri. Nihar Mishra

Sr. Vice President

Hutchison Essar Ltd. (Hutch), Mumbai

Prof. Rabi Mahapatra

Director and Professor

Embedded System Co-Design Labs, Texas

Shri. Trijib Chandra Hota

Vice-President

POSCO India Pvt. Ltd.

Shri. Arup Nanda

Owner and President

Proligence, CT, USA

Shri. Robin Dash

Associate Vice President

Brown Brothers Harriman, NYC, USA

Shri. Chandras Panigrahy

Country Head (Marketing)

AMD, Gurgaon, India

Shri. Debasis Ray

Senior Director

Oracle Corporation, India

Shri Sanjay Burman

Director

DRDO, Bangalore

Alumni

The presence of our Alumni at the National and International level can very well be felt from the positions they hold today. Mentioned are a random few.

Shri. Amrut Kumar Rath

Group President (HRD)
Bajaj Industries, Pune, Maharashtra

Shri. Shashi Shekhar Mohanty

Managing Director
Bokaro Steel Plant, Steel Authority of India

Shri. S. S. Mohanty

Ex. Tech. Director
Steel Authority of India Limited

Shri. Prashant Kumar Pradhan

Director Commerce
GRIDCO

Shri. Atar Sahab

CEO
Vedant Infrastructure

Prof. P. K. Panigrahi

Head of department (HOD)
Mechanical Engineering, IIT, Kanpur

Shri. B. K. Mohanty

Accountant General
Indian Revenue Service (IRS)

Placement Team

Faculty Advisors

Dr. Bharadwaj Nanda
Dept. of Civil Engineering

Dr. B. B. Pani
*Dept. of Mechanical
Engineering*

Mr. Kishore Kumar Sahu
*Dept. of Computer Science
& Information Technology*

Mr. B. K. Rana
Dept. of Electrical Engineering

Mr. G. Nath
Dept. of Physics

Dr. Kamal Pal
*Dept. of Production
Engineering*

Dr. A. K. Panda
Dept. of Chemistry

Mr. B. K. Bhoi
*Dept. of Electronics and
Telecommunication*

Mr. Sanjeeb Nayak
Co-ordinator MCA



Placement Team

Student Representatives

Manikant Behera
Co-Ordinator (Circuital)
+91- 9853572020

Prithvi Mohanty
Co-Ordinator (Core)
+91-8895486301

B. Tech.

Animesh Panda, Surya Prakash Mohapatra
Ganesh Jindal, Manikant Behera
Archit Panda, Prakash Dalmia
Pranoy Pratik Basu, Siddhanta Sakti Swarup Sahu
Amiya Ranjan Maharana, Anjan Prakash Parija
Sanat Kumar Samantray, Soumya Ranjan Gharai
Prithvi Mohanty, Adarsha Panda
Tusar Ranjan Mohanty, Subrat Kumar Dash

(Department of Civil Engineering)
(Department of Computer Science and Engineering)
(Department of Electrical Engineering)
(Department of Electrical and Electronics Engineering)
(Department of Electronics and Telecommunication)
(Department of Information Technology)
(Department of Mechanical Engineering)
(Department of Production Engineering)

Swastika Suchismita

(B. Tech., Girls Representative)

M. Tech.

Girija Kumar Mishra
Jamejaya Pradhan
Manoj Kumar Choudhary

(Department of Electronics and Telecommunication)
(Department of Electrical Engineering)
(M. Tech.)

MCA

Abinash Panda

(MCA)

MSC

Trilochan Satpathy, Satyaranjan Maharana

(MSC)

Conveyance

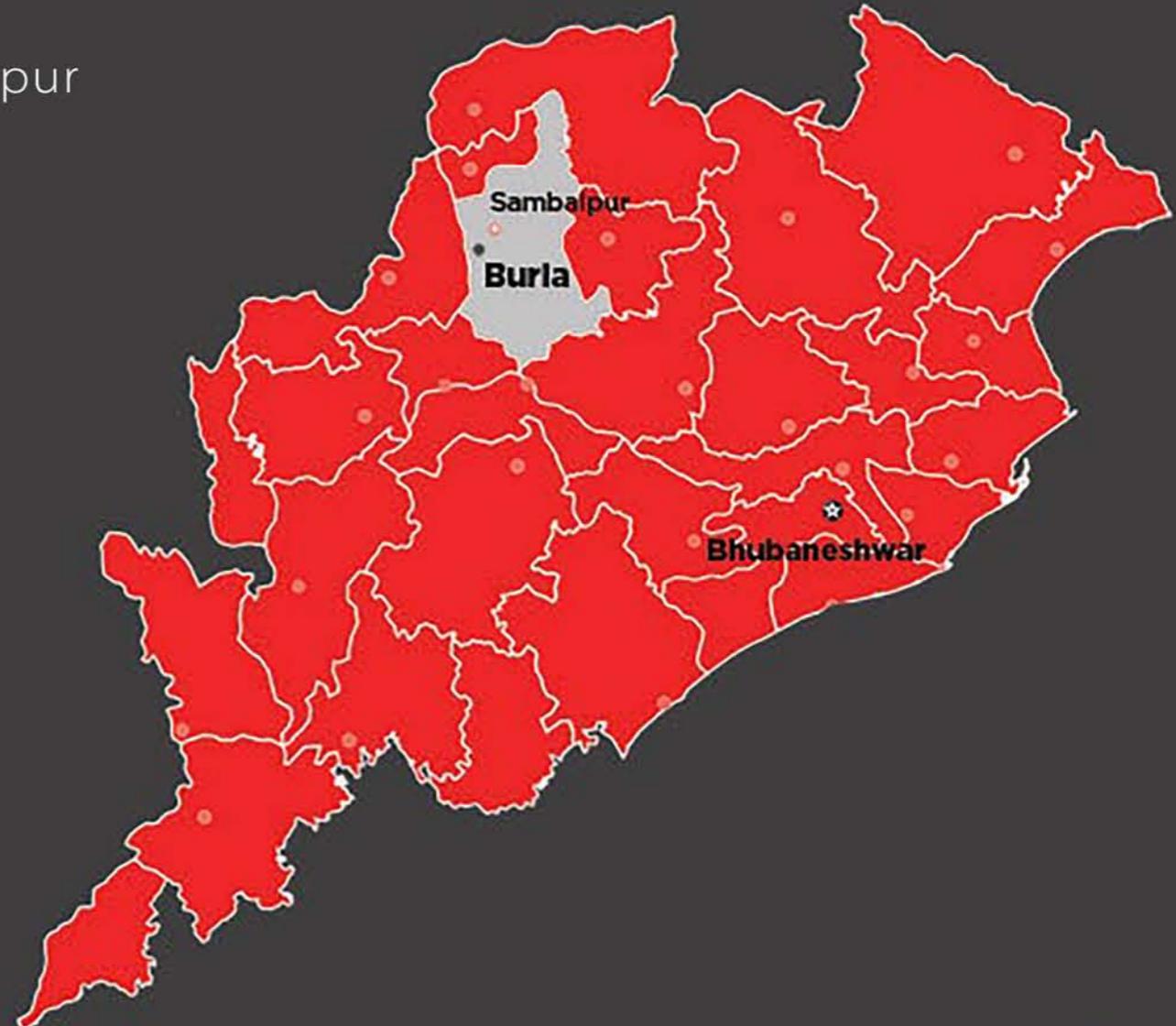
Burla is situated 15 minutes away from Sambalpur, a prominent, well-connected city of Western Odisha.

RAILWAY CONVEYANCE

Intercity Express	: Bhubaneswar to Sambalpur
Intercity Express	: Rourkela-Sambalpur
Tapaswini Express	: Puri-Sambalpur-Rourkela
Ispat Express	: Howrah to Sambalpur
Hirakud Express	: Nizamuddin to Sambalpur

FROM NEAREST AIRPORTS

Bhubaneswar to Sambalpur	: 7 Hours
Rourkela to Sambalpur	: 2 Hours
Howrah to Sambalpur	: 10 Hours



Designed by: Siddhesh Kumar Sahu



Dr. Prasanta Nanda
Professor & Head
Department of Training & Placement

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