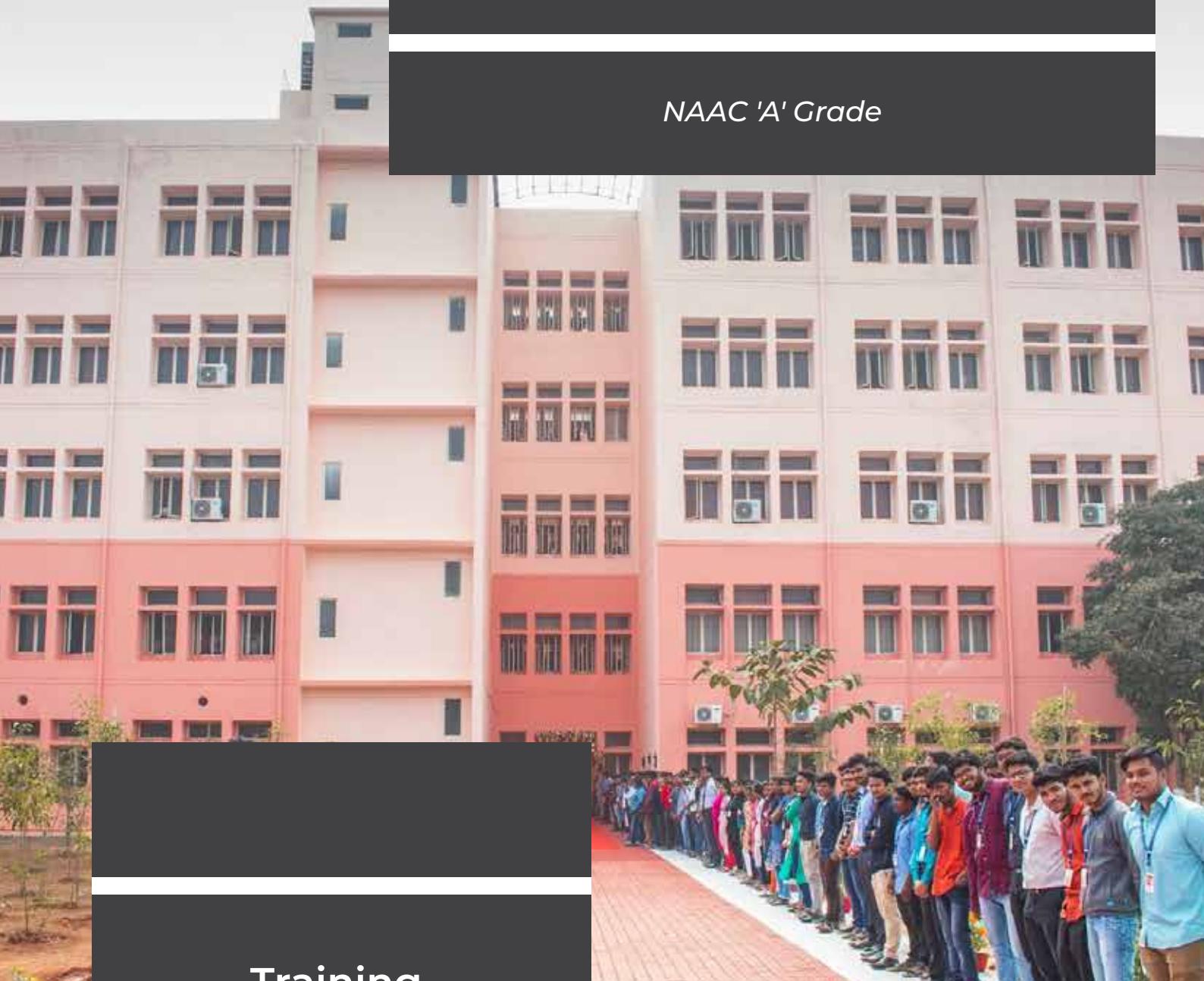




College of Engineering and Technology
Techno Campus, Bhubaneswar

*An autonomous college
under Government of Odisha*

NAAC 'A' Grade



**Training
and
Placement Cell**

**PLACEMENT
BROCHURE**

2020-21



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Vision

To emerge as a global leader in Technical Education.

Mission

To generate a sustainable basis quality technical human resources commensurate with the dynamic global scenario.

CET at a Glance



The College of Engineering and Technology, Bhubaneswar (CET-B) was established as a constituent college of Orissa University of Agricultural Technology in 1981 to cater the technical manpower of the state with an intake of 90 students, i.e. 30 each in Electrical Engineering, Civil Engineering and Mechanical Engineering. After establishment of Biju Patnaik University of Technology (BPUT) in 2002, it became a constituent college of BPUT, Odisha. With demand of technical manpower of the state, additional UG and PG programs were added. CET now offers 9 different B. Tech. programmes, 22 M. Tech. and PG programmes including M. Sc., Int. M. Sc., MCA, B. Arch., M. Arch., B. Plan. and M. Plan.



Principal's Message



Prof. (Dr.) P.K. Patra

It needs years of preparation, diligent work and passion to build up a brand name. As a result of which the institute attracts top performers of JEE. The global recognition of the CET-brand is the product of this initiative by undergraduate and post-graduate students and their teachers and mentors. Every other CETian is proud to lift the brand by competing with the best in the sector. CET Bhubaneswar, which began its journey in 1981, has introduced the culture of creativity to its students. They gained experience by working either 'at the industry' or 'for the industry'. Such preparation has moulded them into better qualified professionals. I am, therefore, sure that our students will do their best on any platform and do justice to the confidence put on them. I cordially invite companies/organizations for campus placement and summer internships for our students on behalf of the whole fraternity of CET Bhubaneswar. I genuinely look forward to a positive and long-standing relationship.

The world is evolving at a very fast pace. The current scenario demands the ability to learn, unlearn, and relearn things. CET always abides by its mission to produce professionally competent engineers adaptable to ever-changing demands of the industry. The prime strengths of the institute are the highly competent students, dedicated and research-oriented faculty, staff, and state-of-the-art infrastructure. Our proud alumni have carved out a niche for themselves as assets to their organisations and it had positive impressions on placement statistics. The placements for the year 2019-2020 have exceeded our expectations, as the T&P Cell has managed to extend various opportunities to students. Our institute is well equipped for online-based placement/internship drives with proctored tests and interviews over video conference. Hence, COVID 19 situation won't have a detrimental effect on the smooth conduct of drives. So, we encourage all private and government sector companies to participate in the recruitment process and we are sure that the students recruited will play a pivotal role in the growth of the respective organisations.

TPO's Message



Dr. Saroj Kumar Pradhan

Why Recruit Us?

01 Brilliant Minds

CET is one of Odisha's premier Govt Colleges offering technical education in various courses and programmes in Engineering, MCA, Planning, and Architecture, accounting for a whopping 33 programmes which is the highest in number. Being a leading college located in the Capital, it has always been the 1st choice for admission of thousands of JEE applicants.

03 Academic Autonomy

CET Bhubaneswar has gained status of "Academic Autonomy" from 2017 and revamped the syllabus for the students. The new syllabus is a result of extensive research by the experienced faculties and also inputs from the Industry making it up-to-date with the latest trends of the industry.

05 Holistic Development

We believe wholeheartedly in helping students develop to their full potential in every field of their interest. Soft skills development is made part of the classroom experience through presentation and open-ended learning components. Extracurricular activities, student managed clubs, and events give them further avenues to express themselves and develop skills beyond academics.

07 Infrastructure

CET-B is a techno-campus with state of the art facilities. A well-equipped library, a repertoire of top-of-the-line machinery, advanced computers in the labs and dedicated smart classrooms make CET one of the best in terms of infrastructure and technology. Our institute is well equipped for conducting online placement/internship drives with proctored written-tests and interviews over video conference. We assure you that we have sufficient infrastructure to conduct placement drives virtually if needed, maintaining the safety norms post lockdown. The COVID-19 situation will not have any detrimental effect on the smooth conduct of drives.

02 Industry Exposure

The Summer internship/apprenticeship programme ensures that every student has spent over a month working in the industry even before graduation. The programme exposes them to real-life applications of their course work and teaches them to work in a collaborative environment.

04 Accreditation

We have consistently performed well in many surveys of educational institutes. We have been awarded the highest grade - 'A' by the NAAC after the exhaustive assessment of the campus. Various B. Tech. programmes such as CE, ME, I&E, TE, and MCA are NBA accredited. The college has got UGC autonomy for 10 years.

06 Glorious Past

During its path to success in the last 39 years since its inception, CET is now at the top with its unique distinction of generating thousands of creative minds who have served the globe holding several key positions in various sectors of business, operation, development, production, and R&D. Alumni are actively engaged with the institute and with the students, motivating them to perform and excel at whatever they do.

08 Accessibility

CET Bhubaneswar is located at the heart of the state capital of Odisha, Bhubaneswar making it easily accessible with all transport facilities. The airport and railway station are in close vicinity of the campus and also being at the state capital, the students get the required exposure they need to develop their personalities.

Student Life



Engineer's Cup:

The fun at CET never ceases. Having said that, the Athletic Society of the College of Engineering and Technology has a treat in store every year- The Engineers' Cup 2020 - the annual sports festival of CET, which witnesses a footfall of over 1000 sportspersons and participation from over 15 colleges. This sports extravaganza is scheduled between late February and early March every year.

Student Activity Centre:

The Student Activity Centre (SAC) in CET serves as a connection point for the students in finding the niche that is right for them. The main aim of SAC is to complement the academic experience of our students with extracurricular programs that promote social and personal development. Student body members advise and assist our student groups in planning various programs.



XTASY- The Cultural Fest:

XTASY is the annual socio-cultural fest of CET- B. With a footfall of over 5000, XTASY is one of the largest of its kind in the State. It marks the participation of inter-college students which establishes a unique bond and social well being among various colleges of the state. The dedication and devotion of the students result in a perfect blend of fun and frolic of excitement and delight.

Perception:

Perception is the annual Techno-Lit-Management fest of CET Bhubaneswar. The enthralling three days of the event is jam-packed with a plethora of experiences. 50+ Events, Think talks, Exhibitions, StartUp Fair, CET-MUN, Quora meet-up and many more which receive overwhelming participation from the student community all over the state.



Club Achievements



Club Achievements:

ZAIRZA:

The members of Zairza have been selected in the Google Summer of Code as well as for Summer Fellowship at the Indian Academy of Sciences. The students of this club have participated and won at various national level hackathons and competitions. The club also boasts of its alumni, who are currently a part of various national and international universities, corporates as well as government organizations.

ENERGY CLUB:

The students of this club have proved their mettle by being winners at the TATA Power Innovative Project Showcase, BMC Smart City Hackathon, among others. They have also been among the Top Finalists of many prestigious events and competitions including L&TTS Techgium, NITI-Aayog, Robert Bosch Hackathon, NEC-Food Hackathon, etc.

SAE:

Club SAE's Blue Jay Racing Team has participated in the Enduro Student India (ESI) - 2019, held at Pune and has bagged many awards in it. The students of the club have participated in Eco-Kart (Electric Vehicle) Competition, held at BML Munjal University, Gurgaon, in 2017 as well as in 2016 and have bagged an All India Rank of 19th & 26th respectively. The team also qualified for the SAE e-BAJA as well as SAE m-BAJA in 2017, securing good national rankings and positions.

ASME:

Teams of ASME club have bagged 9th Rank in the Women's Speed Event, 8th Rank in the Design Event, 7th Rank in the IAM3D Challenge including an individual 2nd Prize in the Elevator-Pitch in various Editions of HPVC in ASME E-FEST Asia-Pacific across the years. They are proud to have fabricated the Lightest Human-Powered Vehicle & Innovating Dual Drive (Twi-Cycle).

CETADEL:

Students from CETADEL-The Literary Society of the college, have won numerous national and state-level Quiz, Essay and Elocution competitions across the years. They have participated and became finalists at IITs, won the NALCO Vigilance Awareness Week-Debate and Essay Competition and have conquered Quizzes like ISRO Quiz, TATA Crucible Campus Quiz, UdyamQ Business Quiz and various Biz-Quizzes.

TDA:

The Dance Authority has grabbed the 1st Position in Group-Dance competitions at renowned platforms like IIIT Bhubaneswar, Xavier's University, etc. The club is also proud to have an All-Girls Crew, named 'Shangri-La', which has bagged the Winners Title in dance competitions at various institutes including Birla Global University (BGU) among others.

AMUZA:

Amuza-The Dramatics Society of the college has participated and secured the 1st Position in the Short-Film Making Competition at India Film Project (IFP). The students of Amuza have grabbed the Winners Title in Mono-Acting Competitions across various prestigious institutes including IIT Bhubaneswar and have performed NUKKAD-Nataks (Street-Plays) at various dignified platforms and have gained public as well as media-appraisal over the years.

Institute's Industrial Relations

CET aims to facilitate small start-ups, organisations as well as corporate agencies to facilitate research work for the students of CET-B. It provides a golden prospect for the students to get exposed to real-world problems and their viable solutions. Few notable mentions, among many others are:



TECH-MAHINDRA, CoE-AI (ARTIFICIAL INTELLIGENCE) LAB:

CET, in mutual collaboration with Tech-Mahindra, has got its very own Centre of Excellence – Artificial Intelligence (AI) Lab, first one of its own kind in the entire state primarily meant for training & research.

DESIGN INNOVATION CELL (DIC):

An initiative of the MHRD focussing on infusing the culture of innovative thinking among students.



NATIONAL ALUMINIUM COMPANY LIMITED (NALCO):

Our institute constantly indulges in industry-academia sessions with NALCO, resulting in innovative ideas and solutions to problem statements.



CENTRAL TOOL ROOM AND TRAINING CENTRE (CTTC):

CTTC Bhubaneswar is an autonomous body under the Ministry of MSME, Govt. of India which conducts internship and training programmes.



TINKERING LAB:

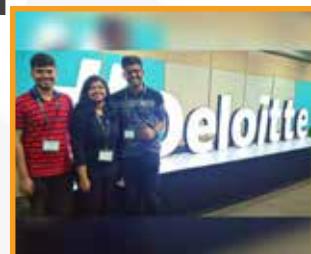
A Do-It-Yourself type lab which is an MHRD funded Initiative.

Few Research Work:

- Experimental and Numerical Investigation of Air Entrainment into different types of Infrared Suppression (IRS) Devices by Dr. A.K Barik & Dr. P.K Parida, Department of Mechanical Engineering.
- Design and development of Solar cooker for industrial zone using Experimentation and Computational Investigation by Dr. S Sahoo, Department of Mechanical Engineering.
- Development of Fibre Science & IOT Lab by Dr. Ashimananda Khandual, Department of Textile Engineering.
- Intelligent Energy Management of DC Micro-grid for Rural Electrification with special focus on Photovoltaics by Dr. Lokanath Tripathy, Department of Electrical Department.
- Modernization of the Embedded System Lab under Dr. Sribatsa Behera, Department of Instrumentation & Electronics.

Student Achievements

- One of our brilliant minds, Pratyush Mallick, has been the winner of Anveshan 2019, organized by Analog Devices and has also been one of the top 25 NASA i-Tech Semi-finalists for his project on stand-alone forest fire detection devices. He was the only representative from Asia.
- With awe-inspiring skills in Robotics and Coding, one of our students, Jiban Jyoti Panda was amongst the top 5 diversity scholars selected from India for ROSCON'19 held in Macau, China.
- Three students of our college have been selected for Google Summer of Code 2020. Five students were also chosen for the Google Summer of Code 2019, and one as Outreachy Summer Intern in 2019.
- A team of five students from CET has been selected into the final round of Anveshan 2020, the fellowship program by Analog Devices.
- Three students from our college received PPO from Deloitte USI for their exemplary performance in the national finals of TechnoUtsav 2.0, an annual national-level hackathon conducted by the organization.
- An ingenious student from CET was adjudged as the National Winner among all 21 finalists in the MechAura competition, conducted by Collins Aerospace, securing a PPO.
- Students were awarded PPO through Women Of Mettle Challenge (TATA Steel) and out of 11 winners from all over India 4 of them were CETians.
- One of our pre-final year students received a summer internship offer from Microsoft (2020 summer).
- Two of our students got 99+ percentiles in CAT & XAT entrance examinations (Sambit Sudhansu Padhiari: CAT - 99.80, Satyajit Mohanty: CAT - 99.31, XAT - 99.13).
- Two IEEE Conference Papers by Ms. Satabdi Bastia, Mr. Sarthak Swaroop Dash, and Ms. Priyanka Sahu have been accepted by IEEE and is in the process of being published.



Few Esteemed Alumni



Bharat Maharaj
General Manager
Pratt and Whitney/UTC India Pvt. Ltd.



Purushottam Panda
Vice President (Power Train Engg.)
Maruti Suzuki India Limited



Rajendra Kumar Patro
Vice President of Aerospace and Defence
Cyient Ltd.



Ashutosh Panigrahi
Chief Supply Chain & EPA Mgmt. Tubes
Tata Steel



Jyoti Prakash Mohapatra
Joint President
Aditya Birla Group



Jyoti Ranjan Dash
Design and Fabric Development Head
Vardhaman Textile



Debasmit Mohanty
CEO and Founder
StratLytics Consulting



Anil Mallick
Founder & Executive Director, TCube
Former Senior Director, Capgemini



Rounak Kumar Samantray
Co Founder
NowFloats



Sourav Das
Founder and CEO
Eccellerx Meditech Pvt. Ltd (Myrx.in)

Few Esteemed Alumni



Dr. Dayal Ramakrushna Parhi
Senior Professor HAG
Dept. of Mechanical Engg., NITR



Dr. Saraju Mohanty
Professor, Dept. of CSE
University of North Texas



Dr. Santanu Kumar Mishra
MoSDE - Chair Professor
Professor, Dept. of Electrical Engg., IITK



Rashmita Panda
Indian Administrative Service
AIR - 13



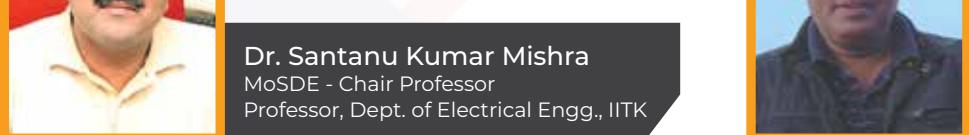
Pamela Satpathy
Indian Administrative Service



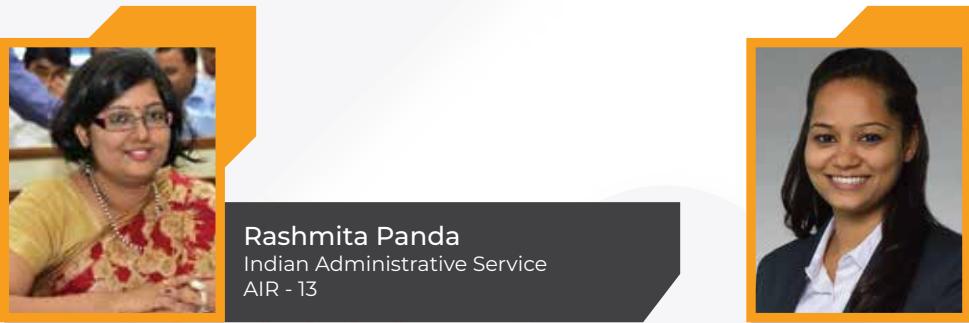
Dr. Bijaya Ketan Panigrahi
Professor, Dept. of Electrical Engg.
IIT Delhi



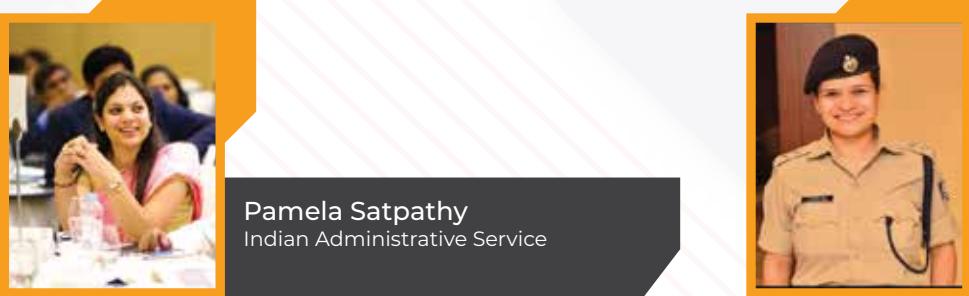
Dr. Ramakrushna Padhy
Chairperson, Executive Education
IIM Kashipur



Kedar Ranjan Pandu
General Manager (O&M)
NTPC TTPS



Alisha Acharya
Program Manager, Microsoft
Seattle, Washington, US

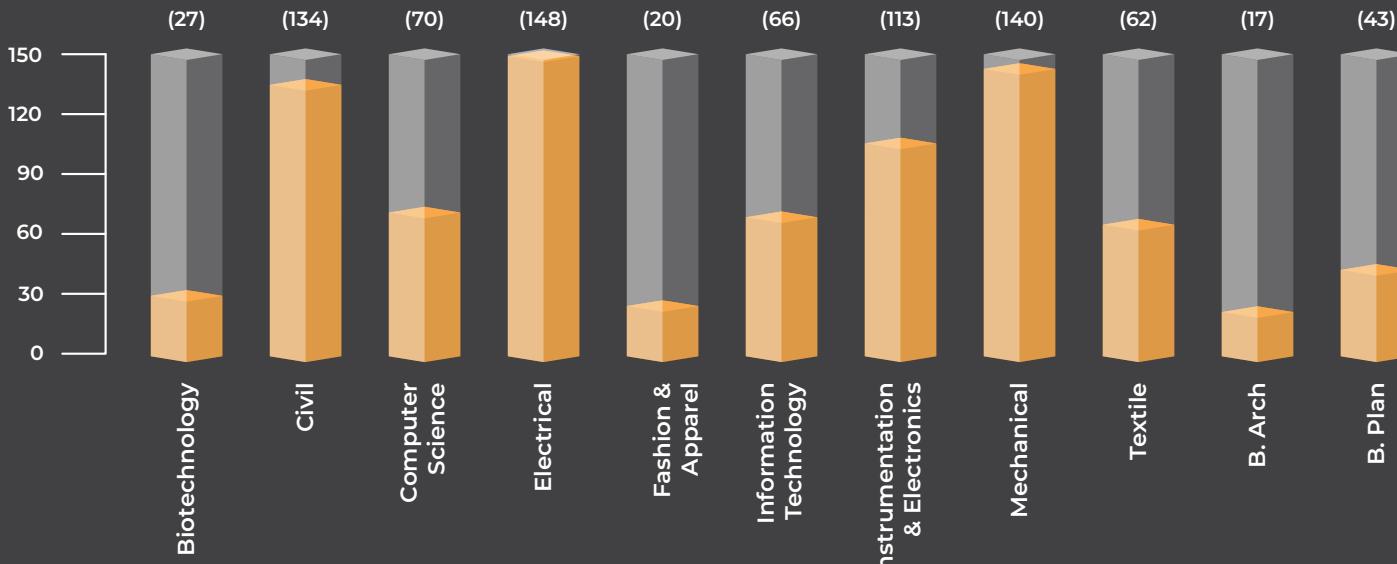


Sagarika Nath
IPS Officer
Government of India

And Many More...

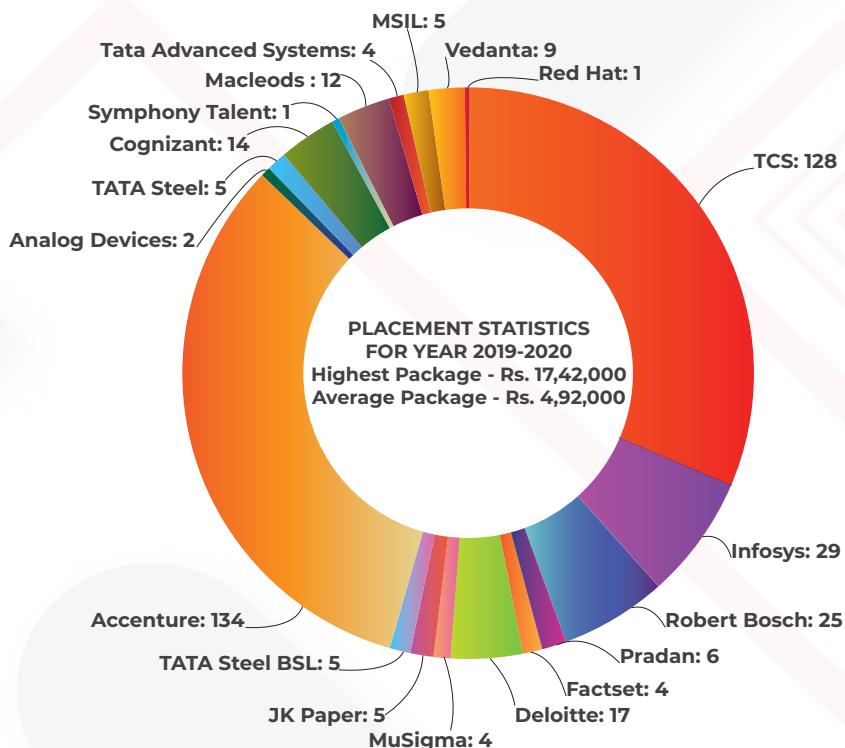
Placement Statistics

STUDENT STRENGTH - BACHELOR COURSES



STUDENT STRENGTH
MASTERS COURSES

• Computer Science	
Computer Science	18
• Information Technology	
Information Technology	18
• Civil	
Geotechnical Engineering	18
Water Resources Engineering	18
Structural Engineering	18
• Mechanical	
IEM	18
Thermal	18
Design & Dynamics	18
• Electrical	
Power System Engineering	18
Power Electronics and Drive	18
Energy System Engineering	18
• Instrumentation & Electronics	
Electronics & Communication	18
Electronics & Instrumentation	18
Signal Processing Engineering	18
• Textile	
Textile Chemical Processing	18
• Biotechnology	
Biotechnology	18



• M.C.A	30
• M. Plan	18
• M. Sc.	
Applied Chemistry	20
Applied Physics	20
Mathematics & Computing	20
• Integrated M. Sc.	
Applied Chemistry	30
Applied Physics	30
Mathematics & Computing	30

STUDENT GENDER RATIO



Our Major Recruiters



Contact Us

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**College of Engineering and Technology
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Designed by: Prajorita Nayak and Kshitij Srivastava