



College of Engineering and Technology
Techno Campus, Ghatikia, Bhubaneswar
(An Autonomous College under the Government of Odisha)
NAAC 'A' GRADE



Training and Placement Cell

PLACEMENT BROCHURE

2021-22

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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. Owing to its great infrastructure and state of the art facilities and technical centers, along with a multitude of technical and non-technical clubs, it has always been a forefront runner in the world of technical and academic advancement. Since its inception, it has been the top choice for students aiming to become world class professionals.

After the establishment of Biju Patnaik University of Technology (BPUT) in 2002, it became a constituent college of BPUT, Odisha. With the demand for technical manpower of the state, additional UG and PG programs were added. As of 2018, CET was granted autonomy by the UGC for a period of 10 years. 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.

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 as well as diversifying education and professional capability to maximize the contribution to advancement in technology overall.

PRINCIPLE

Preparing students for the competitive global technical scenario in a way to make them capable to take up challenges and stand upon them with pride and success, as well as develop a professional and dedicated attitude towards the society.

From the Principal's Desk

Prof. (Dr.) P.K. Patra



An institute is known not only by its brand name but by the students, teachers and mentors. It needs years of preparation, diligent work and passion to build up this name, and the global recognition of the CET brand is the product of this initiative. As a result of this, the institute attracts top performers of JEE. CET Bhubaneswar, which began its journey in 1981, the wide variety of resources and infrastructure has made them to not only shine in their academics, but also in extracurricular activities. I can thus

assure that our students will do their best on any platform and do justice to the confidence put on them. I cordially invite companies or 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.

From the TPO's Desk

Dr. Saroj Kumar Pradhan

The prime strengths of CET Bhubaneswar are the highly competent students, dedicated and research oriented faculty, staff, state-of-the-art infrastructure and a very strong alumni network, who have carved out a niche for themselves as an asset to their organizations. With well-equipped facilities for online-based placements & internship drives, with proctored tests and interviews over video conferences, the COVID-19 situation hasn't dampened our spirit over the smooth conduct of placement drives, and the placement of 2021-22 has gone beyond our expectations. 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 organizations.



From the Dy. TPO's Desk

Prof. Samarjit Patnaik

CET-B seeks to open pioneers of knowledge and reveal new experiences in life, broaden mindsets and create a positive attitude in our students. Apart from this, we also encourage students to get exposed to rich industrial experience through webinars, live industrial projects and training. Besides, our final year students undergo a four-week long summer internship in esteemed organizations as part of their academic requirements. We have been developing industry-academia relationships for absorbing students into their organizations when the students are ready to receive training. We conduct mock tests and soft skill training on relevant areas to enhance their employability skills, and provide knowledge-based expert services to satisfy the needs of the industry.

UNWAVERING GROUNDWORK

“

*Education is not the learning of many facts;
but the training of the mind to think.*

~Albert Einstein



CET, Bhubaneswar 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. The institute is well resourced for conducting online placement/internship drives with proctored written-tests and

interviews over video conference. It is assured that it has 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.

Academic Autonomy

CET-B has gained the status of **“Academic Autonomy”** from 2017 and revamped its structure for the students. The new structure comprises more control over its entire governance, a boost of student and academic activities throughout the campus and a new technically researched syllabus. This new system is a result of extensive research by the experienced faculties, with inputs from the industry making it up-to-date with the state of the art technologies.

Accreditation

CET's performance has been consistently great in many surveys of educational institutions. It has been awarded the Highest **Grade - 'A' by the NAAC** after the exhaustive assessment of the campus in general. Various B. Tech programmes such as Civil Engineering, Mechanical Engineering, Electronics and Instrumentation Engg., Textile Engg. and Master of Computer Applications have been NBA accredited. The college has been granted UGC autonomy for 10 years.

Accessibility and Opportunities

CET-B 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, as well as get ample of opportunities accessible to them, such as major conferences, seminars, and so on.

WHY RECRUIT AT CET-B

Extravagant Minds

CET is one of Odisha's premier Government colleges offering technical education in various courses and programmes in Engineering, MCA, Planning, and Architecture, accounting for a whopping 33 programmes which are the highest among any institution in the capital. Being a leading college located in a prime location, it has always been the first choice for admission of thousands of JEE and other entrance test applicants.

Industrial Fervour

CET's summer internship/apprenticeship programme ensures that every student gets an opportunity to work in the industry even before graduation. Following the AICTE norms, CET ensures that the students complete minimum 3 internships. The programme exposes them to real-life applications of their course work and teaches them to work in a collaborative environment. This enables them to learn more about the work culture and gain practical knowledge and skills required throughout their life.

Glorious Past

During its path to success in the last 40 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, and many more to count. Alumni are actively engaged with the institute and its students, motivating them, and making them realize their full potential to perform and excel at whatever they do.

Holistic Development

CET's students are always a step ahead in everything, be it in the field of studies, technology, cultural, academics, etc. It believes in cultivating a student's maximum potential in every field of their interest. Soft skills development is made part of the curriculum through presentations and open-ended learning components and extracurricular activities boost them in all aspects. The students of CET have outstretched by achieving SAP, CISCO, Amazon AWS, Red Hat, Blue Prism and MATLAB certifications.



STUDENT LIFE

Student Activity Center

The Student Activity Center (SAC) in CET is a comfortable zone for the students where they can be in their own element. SAC is the epicenter of different type of extracurricular programs that promote social and personal development. Assistance is provided to our student groups by the Student Body Members for planning various programs.

Engineer's Cup

Fun activities in CET can never be complete without the annual sports festival of CET, The Engineers' Cup, in which students from 15 different colleges compete to win. This event which is scheduled between late February and early March every year is surely going to keep you on the edge of your seat.



Perception

Perception, the annual Techno-Lit-Management fest of CET Bhubaneswar is not only a great learning experience but also a fun filled journey for all the students. These three days are packed with 50+ events along with Think talks, Exhibitions, StartUp Fair, CET-MUN, Quora meet-up and many more which receive an overwhelming response from the student community all over the state.

XTASY - The Cultural Fest

XTASY is the annual socio-cultural fest of CET. Students from different colleges participate in large numbers in XTASY which creates a very good connection between the various colleges in the state. The musical nights and seminars add a charm to these fests. The work that goes behind making this fest a big success can be seen on the faces of the participants.



SPECTRUM

Spectrum is the Technical society of CET-B where all technical enthusiasts learn, discover and innovate new things in the field of Technology and Design. Spectrum acts like a prism and recognises different skills of students while helping them to strengthen it.

ZAIRZA

Zairza is the robo-sof club of CET-B, which is a conglomeration of seasoned developers and designers. The club has been witnessing a synapse of creativity and evolution since its inauguration in 2005.

ENERGY CLUB

Energy Club is a team of inspired tech-enthusiasts of CET-B who want to build a productive community. This mainly works on energy conservation. This initiates, promotes and supports all technical and non-technical endeavours so that there can be efficient usage of energy, awareness and sustainability at their core.

SAE CET-B

Society of Automotive Engineers (SAE) is one of the premier clubs of CET-B, consisting of passionate and dedicated automotive enthusiasts who design, fabricate, manufacture and test ground vehicles. The students continue their work and research all year long receiving constant help and mentoring from seniors and teachers.

ASME

ASME CET-B Chapter is a student affiliated organisation of American Society Of Mechanical Engineers, USA. This aims to promote the quality of technical education via training and professional development, codes and standards, research, conferences and publication.

ED-CELL

The Entrepreneurship Development Cell (EDC) of CET-B motivates young and budding graduates to take up Entrepreneurship as a career. The prime motive of the Cell is to promote entrepreneurial spirit among students and aims to act as one of the biggest platform to assist future entrepreneurs in various aspects of it.

CETADEL

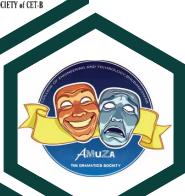
CETADEL, the literary society of CET-B which offers a platform for students who are passionate about writing, speaking and quizzing.

CET PHOTOFACORY

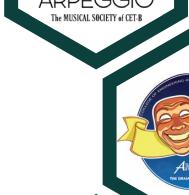
Photofactory is the photography club of CET-B where a team of amateur shutterbugs behind the page aim to provide a photographic arena, starting from spontaneous captures of the multitude to the coverage of the numerous events held within and beyond the premises. They explore, share and work towards photographic finesse and present the happenings with visual touch.

ARPEGGIO

Arpeggio is the musical society of CET-B which encourages the outstanding musical talents of the students and also nurtures the newcomers in music recognizing their interests and skills.

AMUZA

The Amuza is the dramatic society of CET-B where students flaunt and showcase their acting and script writing skills. This imparts all the shades of life, emotions and all that jazz under one roof. The enthusiasts get an opportunity to prove their mettle in drumming as well.

TDA - THE DANCE AUTHORITY

The Dance Authority (TDA) is the official dance club of CET-B never fails to hype the students in every fest when they dance by virtue of their heartbeats. This boosts up the morale of students and highlights the talent of dance and creativity. It provides opportunities to dance lovers to prove their talent and it is a good platform for them to have their artistic exploration.

BIOZO

The Biozo Club of CET-B is an official endeavour of Biotechnology Department. This encourages students to take part in various Biotechnological hands-on-training, field and industry visits, conferences, workshops, seminars, webinars, societal programs and innovates to indulge in activities of combinational sciences for different biotechnological products and processes.

ON CAMPUS ACTIVITIES

Skills++



A 6-week online programme where the attendees of the event are trained on domains like AI/ML, Web development, App development using Flutter, Blockchain, ROS (Robot operating system), Sensors and Micro-controllers & Competitive Programming.

Mini Drone Workshop

A workshop is conducted by The Energy Club in a collaboration with Prime Technologies, where the attendees are given a mini drone kit and have a hands-on session for making the drone.

After successful completion of the drones, a Drone Flying Competition is held based on which prizes are given.

JIVAM Online Fest

In the year 2020, Biozo Club organised the online fest Jivam, receiving a registration of over 1000 participants throughout the nation. The events included Biobuzz, Abhyudita, Skribble, Shodo, Essar, Memvers and Naturo Modo, which covered areas from technical to literary, to photography, to more fun-filled activities and so on.

Codechef Chapter



A Competitive Programming Challenge for college students which is held on a regular basis.

Spectrum Internship Drive

Even in the wake of pandemic, an opportunity to grow and improve was provided through the Spectrum Internship Drive.

AMZ Workshop

Workshop based on electric vehicles, its construction and working is conducted by SAE with collaboration with AMZ Racing.

Clean CET

This is an initiative taken by CET family to clean the college premises for a safe and clean environment.

Quora Meetup

Eminent writers of Quora are invited to interact with the students.

Hacktober Fest

A dive into the open source world, it is organized in collaboration with Digital Ocean and the hacktoberfest community.



CHIT-CHAT WITH ALUMNI

Alumni network is a necessity to get an abundance of opportunities, and chit-chat with alumni sessions are the bridge between our alumni and current undergraduates.

AutoCAD Workshop

Workshop is conducted by senior club members to give an insight on AutoCAD and its working.

CET Lok Sabha



The CET Lok Sabha is a Model Parliament (also referred to as a Mock Parliament) which is a simulation of the parliamentary proceedings. In the last edition they took a topic of Citizenship Amendment Act-2019 and did a productive debate.

STUDENT ACHIEVEMENTS

- ◆ One of our pre-final year students, Ashirbaad Sahoo, became the 1st person from Odisha to be a certified Solidworks expert.
- ◆ One of the teams of our club SAE, Eco-kart team, grabbed the 1st runners up position at the national level of SAE International Go Karting championship conducted by LPU and were also the winner of business presentation at the same. Also the BAJA team of SAE stood in 6th position in the Cost Event of BAJA SAEINDIA.
- ◆ A team from one of our clubs, ASME, participated in the Human powered vehicle challenge and secured 7th position globally.
- ◆ A very brilliant student of CET, Muskan Khedia, received a PPO from Microsoft bagging a package of 43 LPA.
- ◆ Another magnificent student, Harkishen Singh, got placed in Timescale DB with an outstanding package of 30 LPA.
- ◆ A very bright student of IT department, Nitish Choudhary, bagged a package of 37 LPA as Backend Developer from Cred.
- ◆ A 2020 graduate of CSE department of our college, NVS Abhishek, secured All India rank 14 in GATE CSE.
- ◆ Reema Raani Sahoo, a B. Arch. student, secured All India Rank 9 in GATE Architecture.
- ◆ Pratyush Mallick, a 2020 graduate of Instrumentation and Electronics Engineering, was amongst the top-25 semi-finalists of NASA's i-Tech initiative for innovations, as well as the winner of Anveshan 2019 fellowship organized by Analog devices.
- ◆ Every year our students get into Google Summer of Code (GSOC), one of the biggest open source development programs in the world. This year also, 3 students from our college were selected into various organizations under the GSOC programme to contribute and be a part of the global open source community.



INSTITUTE'S INDUSTRIAL RELATIONS

CET aims to enable small start-ups, organisations as well as corporate agencies to facilitate research work for the students of the institution. 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:

01 National Aluminium Company Limited (NALCO):

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

03 Design Innovation Cell (DIC)

An initiative of the MoE focusing on infusing the culture of innovative thinking among students.

05 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 kind in the entire state primarily meant for training & research.

02 Central Tool Room and Training Centre (CTTC)

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

04 Tinkering Lab

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

06 ICT - Institute of Chemical Technology, Mumbai

CET-B signed an MoU with the Institute of Chemical Technology (ICT), Mumbai for joint Centres of Excellence (CoE) to strengthen academic and research collaborations via student or faculty exchange.

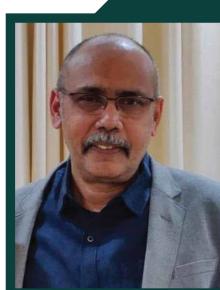
Few Research Work:

- 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 Engineering.
- Modernization of the Embedded System Lab under Dr. Sribatsa Behera, Department of Electronics and Instrumentation Engineering.

OUR 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 Defense
Cyient Ltd.



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



Jyoti Prakash Mohapatra
Joint President
Aditya Birla Group



Jyoti Ranjan Dash
Associate Vice President
Himatsingka Group



Debasmit Mohanty
CEO and Founder
StratLytics Consulting



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



Ronak Kumar Samantray
Co Founder
NowFloats



Vivekananda Pani
Co Founder
Reverie Language Technologies



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



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



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



Dr. Ramakrushna Padhy
Operations Management Faculty &
Chairperson, IIM Kashipur



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



Pamela Satpathy
Indian Administrative Service (IAS)
Government of India



Rashmita Panda
Indian Administrative Service (IAS)
Government of India



Sanjita Mohapatra
Indian Administrative Service (IAS)
Government of India



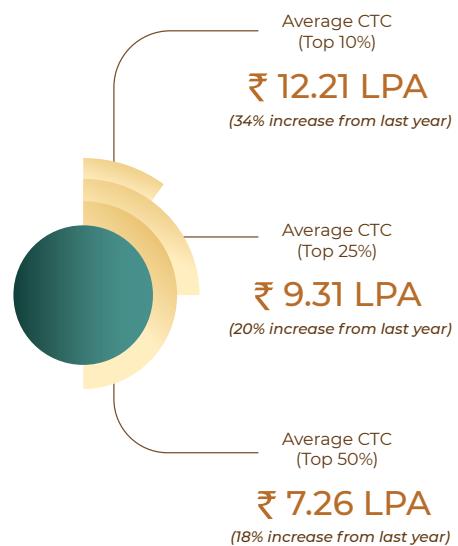
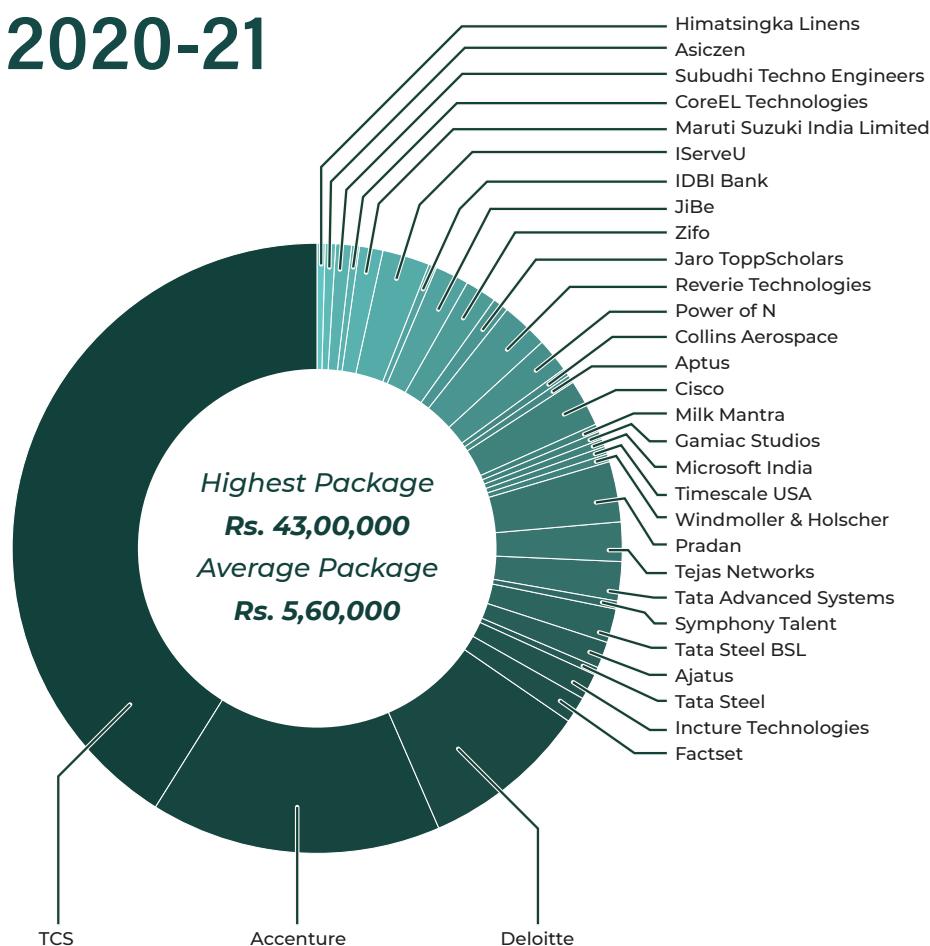
Padmini Sahoo
Indian Police Service (IPS)
Government of India



Sagarika Nath
Indian Police Service (IPS)
Government of India

And Many More...

PLACEMENT STATISTICS 2020-21



TOP 3 OFFERS



PLACEMENT GENDER RATIO



Total number of companies that offered jobs in the session 2020-21

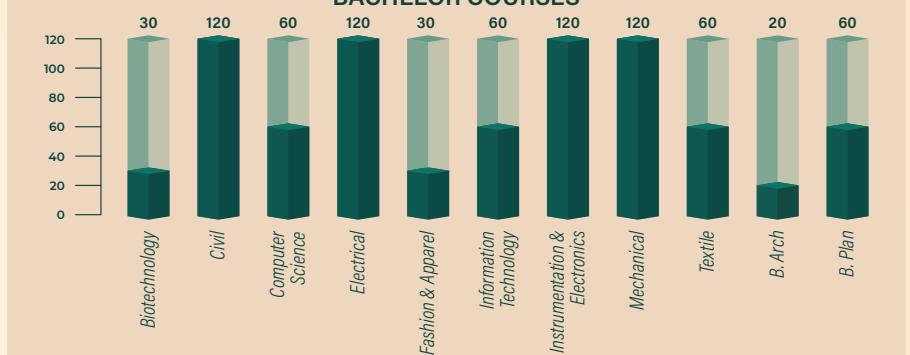
50+

STUDENT STRENGTH

MASTER COURSES

M. Tech.	
• Computer Science	18
• 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

BACHELOR COURSES



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

OUR MAJOR RECRUITERS



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