

ODISHA UNIVERSITY OF TECHNOLOGY AND RESEARCH

(Formerly College of Engineering & Technology)

NAAC 'A' Grade

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ODISHA UNIVERSITY OF TECHNOLOGY AND RESEARCH
BHUBANESWAR

PLACEMENT BROCHURE

2022-23

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OUTR at a glance

Odisha University of Technology and Research (OUTR), formerly College of Engineering and Technology, Bhubaneswar (CET-B) was established as a constituent college of Odisha University of Agriculture and Technology in 1981 to meet the state's technical manpower with 90 students, i.e. 30 students each in Electrical Engineering, Civil Engineering, and Mechanical Engineering.

After the establishment of Biju Patnaik University of Technology (BPUT) in 2002, CET-B became a constituent college of BPUT, Odisha. With increasing demand for technical staff, additional UG and PG programs were added. In 2018, the institute was granted autonomy by the UGC for 10 years. Later in 2021, Odisha state cabinet upgraded CET-B as a non-affiliating Unitary University and named it Odisha University of Technology and Research (OUTR). OUTR now offers 9 different B. Tech. programs, 22 M. Tech. and PG programs including M. Sc., Int. M. Sc., MCA, B. Arch., B. Plan, M. Arch. and M. Plan. OUTR also provides opportunities in Ph.D. and research in the field of engineering, science, and technology including IT, Architecture and Management.

Because of its huge infrastructure, modern facilities, technical centers as well as numerous technical and non-technical clubs, OUTR has always been a top runner in the world of technical and academic progress. It always has been the top choice for students who aspire to become experts in various fields.



VISION

Emerging as a global leader in technical education.

MISSION

Creating a sustainable foundation of quality technical human resources to commensurate with a dynamic global perspective as well as diversifying educational and professional capacities to maximize their contribution in the advancement of technology as a whole.

PRINCIPLE

To prepare students for the global competitive engineering scenario in a way that allows them to face the challenges and satisfy them with pride and success.



Prof. (Dr.) P. K. Patra

From the Officer on Special Duty's Desk

“OUTR is known for its legacy in the field of engineering and technology. It took years of preparation, hard work, and passion to acquire this status and the worldwide recognition of OUTR. OUTR is the result of the continuous efforts by the faculties, union members, and students. Our institution has a rich tradition of soaring high with academic excellence and the overall personal growth of the students. We endeavor to equip our students with both technical and managerial skills so that they are efficient to contribute to society. The diversity of resources and infrastructure has allowed our students to shine not only academically but also in their extracurricular activities. I cordially invite companies and organizations on behalf of the entire OUTR Bhubaneswar fraternity to organize campus placement and internship campaigns for our students. I really look forward to a positive and lasting relationship.

”



Prof. Saroj Kumar Pradhan

From the Training and Placement Officer's Desk

“OUTR strongly stands with an exceptional mindset of achieving excellence and brilliance by investing its time, energy and hardwork in imparting qualitative and practical based knowledge to its students for their overall fundamental development. Our highly skilled faculty, staff and well-established alumni fuel this process very efficiently. The placement scenario recently have surpassed our expectations as our Training and Placement Cell has been successful in facilitating numerous varied opportunities for the students. In order to encounter tough situations like COVID, our institution is competent enough to hold a full-fledged online based placement program with interviews and other essential requirements. We would like all non-public institutions and organizations to participate in our program. And we guarantee that the selected graduates will surely devote their knowledge, abilities and skills for the betterment and enhancement of their respective organisations.

”



Prof. Samarjit Patnaik

From the Deputy Training and Placement Officer's Desk

“It is indeed an privilege for us to showcase in front of you a group of well trained, well equipped and highly enthusiastic individuals who are all set to spread their wings across the challenges as well as opportunities of the industry and corporate realm. The industrial-academic relationship that these students have inherited, something that our institute deeply takes pride of, shall certainly help them in the real world experience. The dedicated webinars, live industrial projects and all round training just add cherry on the top of cake. Mock tests and soft skill training on relevant and essential areas are regularly conducted for the students to enhance their knowledge in various fields of work to quench the thirst of the industry. And with that, the entire OUTR team expresses it's deep and boundless gratefulness to all the organisations for their irreplaceable cooperation to make this endeavour a grand success. We promise to bring on the table-gratitude and excellency.

”

WHY RECRUIT AT OUTR

01 Extravagant minds

OUTR is one of Odisha's premier government universities. It offers various courses and programs in engineering, MCA, planning and architecture, accounting for a whopping 33 programs, which is the highest number among any other institution in the state capital. Our university, has been the first choice for admission of thousands for JEE aspirants.

02 Glorious Past

OUTR has left no stone unturned in its path to success in the last 40 years since its foundation. It is now one of the top institutions contributing towards the development of the technical skills of the state, shaping the minds to serve the world in all sectors. A well established relationship with the alumni helps in the overall welfare of the students and institution.

03 Holistic Development

OUTR's students are always a step ahead. It ensures that students' maximum potential is nurtured in all possible ways. Soft skills development is a part of the curriculum, open-ended learning and extracurricular activities boost them in all aspects. The students of OUTR have excelled by gaining SAP, CISCO, Amazon AWS, Red Hat, BluePrism, and MATLAB certifications.

04 Alumni Connect

OUTR provides a platform to connect and leverage the students with its exceptional Alumni Network thereby providing the fundamentals of the industries via interesting seminars, workshops and interactive sessions with noted Alumni. This helps the pupils to encounter real time industrial experiences, hence giving them an upper hand in the placement scenarios.

05 Infrastructure

A campus wide wireless computing network that allows faculty, staff and students to log on to the Internet at any point of time. OUTR takes the pride as a campus with multi dimensional facilities such as smart classes, well equipped Laboratories and Workshops along with adequate level of infrastructure to conduct Online Examination, video session and even Personal interviews for the students.

06 Industrial Fervour

OUTR conducts summer internship/apprenticeship programmes to ensure that every student gets real world practical experience. Following the AICTE norms, OUTR ensures that every student completes a minimum of 3 internships. Students here learn more about the work culture and develop practical knowledge as well as the necessary skills that will help them in their future.

07 Excellent Faculty

The faculty at OUTR is committed to the mission of teaching, research, scholarship and service. OUTR expects faculty members to develop each of these areas in the regular course of their professional lives. Providing the highest quality classroom instruction and a combination of scholarship and research is a major area of focus for faculty.

08 Location

OUTR being located in the state capital Bhubaneswar, the temple city of our country, provides an additional advantage of being easily accessible to all types of transportation facilities giving the liberty to its students to explore multiple dimensions and discover a plethora of opportunities to uplift their personality and nourish their skills in all possible ways.

BEYOND ACADEMICS

Conforming to the vision of OUTR to enable students' overall development holistically, opportunities are afforded to students to excel in a plethora of extracurricular activities. From sports to tech to social and cultural activities, the students have excelled in all, not withstanding the rigorous academic schedule. Students indulge in music, dramatics, debate, dance, design, and various sports. These activities are managed and organized by the students themselves, which provides them with an excellent platform to hone their managerial and leadership skills.



STUDENT ACTIVITY CENTER

The Student Activity Centre (SAC) in OUTR is an enjoyable zone for the students where they will be in their comfort. The main aim of SAC is to supplement the instructive aptitude of our students with extracurricular activities that advance social and self-improvement. Student body individuals prompt and help our students in moulding their energy and excitement.



Cultural Clubs

Amuza, the dramatics society; Arpeggio, the music society; Photofactory, the photography club; TDA, The Dance Authority.



Technical Clubs

Aerospace Club, the exclusive club of astronomy and aircraft engineering; American Society of Mechanical Engineers; Biozo, the club of biotechnologists; Civicon, the club of planning, architecture and civil engineers; Energy, the club of electrical engineers; Society of Automotive Engineers; Spectrum, the club of electronics and robotics engineers; Zairza, the exclusive club consisting of three wings, software, hardware and design.



Socio-Literary Club

The socio-literary club of OUTR consists of Cetadel, the literary club; EWB, Engineers without borders, a club with vision to find the sustainable solution of the problems around us; and NSS, National Service Scheme, which reflects the essence of democratic living and self-less services.

BEYOND ACADEMICS

TRAINING AND PLACEMENT CELL

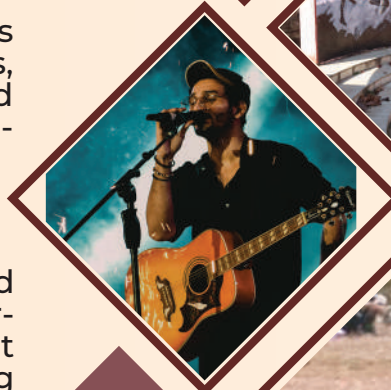
The T&P cell manages the internship and the placement of the University. It also organizes different training program, seminars for overall development of students. The cell ensures all the eligible students get a job before end of their graduation.

ALUMNI RELATION CELL

The alumni cell platform connects alumni, students, and teachers, which establishes a symbiotic and fruitful relationship among its members.

ED - CELL

Established in 2012 to rekindle and revitalize the spirit of Entrepreneurship. ED-Cell, OUTR is an excellent platform for fostering and inculcating corporate behavior in emerging entrepreneurs.



XTASY - The Cultural Fest

XTASY, the annual cultural fest of OUTR, with a footfall of thousands, is one of the biggest of its sort in the State. It signifies a student partnership that creates significant linkages and social prosperity among the various colleges in the state. The commitment and dedication of the students bring an ideal mix of fun and skip of fervour and enjoyment.

Perception

Perception is the annual Techno-Literary-Management fest of OUTR Bhubaneswar which keeps in-store three days of enthralling experiences. 50+ Events, think talks, Exhibitions, Start-Up Fair, OUTR-MUN, Quora meet-up, and many more receive profuse participation from the student community all across the state.

Engineer's Cup

The Engineer's Cup - the annual sports festival of OUTR, a delight for more than 1000 sportspersons from 15 different colleges across Odisha is surely going to keep you on the edge of your seat. This sports spectacle is scheduled between late February and early March every year.

ON-CAMPUS ACTIVITIES

ZAIRZEST: A Technical Celebration

Zairzest is conducted by Zairza club. It was made in thought as a getaway from recurring lockdowns and boredom. It includes all sorts of activities like hackathon, problem solving, etc.

CLEAN OUTR

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

JIVAM ONLINE FEST

'Jivam' was an online fest organized by Biozo club which had participants from all over the nation. The events included 'Biobuzz', 'Abhyudita', 'Skribble' and many more activities.



OUTR LOK SABHA

OUTR Lok Sabha is a model parliament, a simulation of the parliamentary proceedings. In the last edition, they took a topic of Citizenship Amendment Act-2019 and did a productive debate.



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.

Internal Hackathon

Every year our University organizes Internal Hackathon for students, where they give solutions to many problems and the best 5 selected teams are given a chance to participate in Smart India Hackathon, organized by the Govt. of India.

HACKTOBER FEST

A dive into the open-source world, it is organized in collaboration with Digital Ocean and the hacktoberfest community. The main aim is to encourage developers to contribute to open-source projects and give back to the community.

GDSC CET-B

In a span of a year in online mode, events like 30 days of Google cloud program, Sept-code 21, Sunday IDEATHON, Android study jams and Machine learning with TensorFlow for students have been conducted.

BY-TECH SHOW

By-Tech Show, popularly the Aman Dhattarwal show accumulated the largest number of viewers in the history of OUTR. Similar to this many events have been organized by the Spectrum club based on emerging topics such as python, NFT, blockchain etc.

ENERGY CONSERVATION WEEK

OUTR observes energy conservation week in consultation with Bureau of Energy Efficiency, Ministry of Power, Govt. of India. The college is conducting various online events which will help educate, aware and propagate the significance of this occasion.

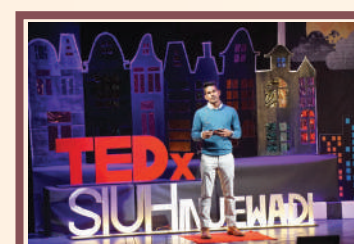
STUDENTS' ACHIEVEMENTS



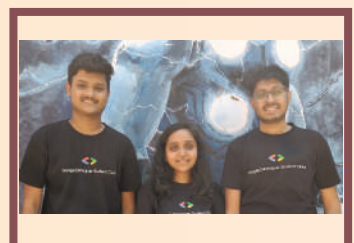
Team Rubik's Cube secured Second position in the worldwide competition HackThisFall by MLH.



The finalists in UMO Design X 2021 Global Competition, semi-finalists in E-Yantra Robotics Competition 2021.



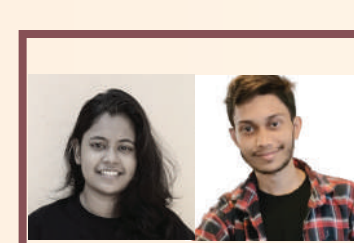
Pratyush Mallick was amongst the top-25 semi-finalists of NASA's i-Tech initiative for innovations.



Semi finalist in the Mica Impetus 3.0 and became champion in SAWO Auth Challenge.



Ashish Kumar Panigrahi has accepted a job offer from Microsoft with a salary of Rs. 47 lakhs.



The winners of "hack4odisha hackathon" which was organized by GirlsScript foundation India.



Suryansu Dash co-authored a research paper based on "Hybrid Classification" in ICECA 2021.

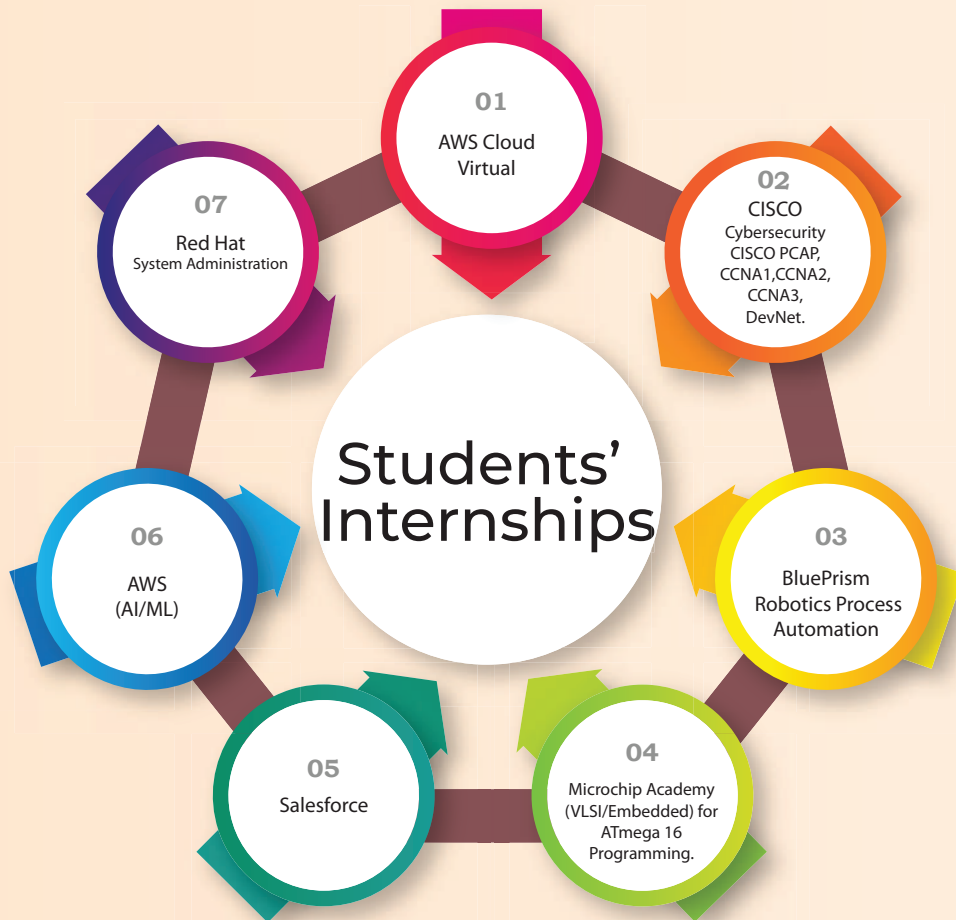


Ashirbaad Sahoo became the first person from Odisha to be certified as a Solid Works expert.



Arpita Mohanty, winner at Hack North East, Helix India and also selected in Toycathon grand finale.

INTERNSHIP AND COURSE HIGHLIGHTS



Pre-Placement Offers




CISCO Ideathon
7 selected
15 LPA CTC

Capgemini (AWS)
4 selected
4.5 LPA



WonderBotz
7 selected
4.5 LPA CTC



Deloitte HashedIn by Deloitte
8.1 LPA CTC



TCS (AWS)
1 selected
3.6 LPA

INSTITUTE'S INDUSTRIAL RELATIONS



**Tech
Mahindra**



NATIONAL ALUMINIUM COMPANY LIMITED (NALCO)

Our institute continuously engages in industry sessions with NALCO, resulting in innovative ideas and solutions to problem statements.

DESIGN INNOVATION CELL

A MHRD initiative focused on instilling a culture of innovative thinking among students.

ICT - Institute of Chemical Technology, Mumbai

OUTR signed a MoU with the Institute of Chemical Technology (ICT), Mumbai for joint Centres of Excellence (COE) to strengthen academic and research collaborations via exchange.

HUMBOT PRIVATE LIMITED

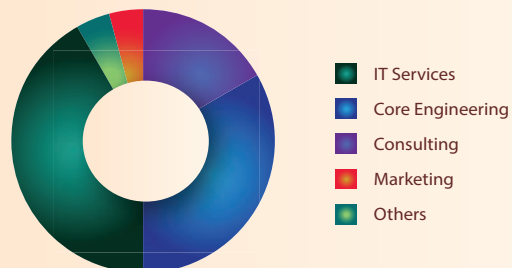
OUTR signed a MoU with HumBot Private Limited for research partnership and collaboration in the field of robotics and artificial intelligence for industry and society.

FEW RESEARCH WORK

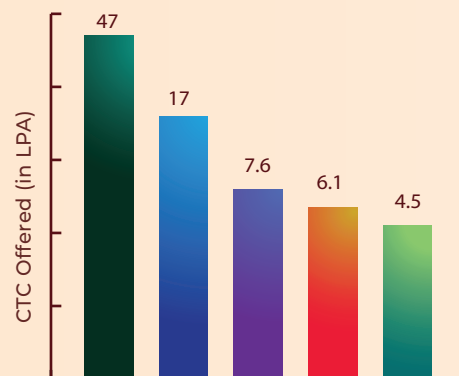
1. Intelligent Underwater Robot for Target Detection by Dr. Saroj Kumar Pradhan, Department of Mechanical Engineering, Prof. Samarjit Patnaik and Anjan Kumar Sahu from Department of Electrical Engineering.
2. Low cost innovation work to reduce drudgery, improve quality and increase efficiency in pre-loom activities for handloom, weaving and development of Fibre Science & IoT Lab by Dr. Ashimananda Khandual, Department of Textile Engineering.
3. Design and development of solar cooker for industrial zone using Experimentation and Computational Investigation by Dr. S. Sahoo, Department of Mechanical Engineering.
4. Intelligent Energy Management of DC Micro-grid for Rural Electrification with special focus on Photovoltaic by Dr. Lokanath Tripathy, Department of Electrical Engineering.
5. Modernization of the Embedded System Lab under Dr. Sribatsa Behera, Department of Electronics and Instrumentation Engineering.
6. Experimental and Numerical investigation of air entrainment in different forms of Infrared Suppression Device (IRS) by Dr A.K. Barik and Dr. P.K. Parida, Faculty Mechanical Engineering.

PLACEMENT HIGHLIGHTS 2021-22

PLACEMENT STATISTICS



Maximum CTC Offered (Sector wise)



Total No. of Students

*725

* 725 Eligible Students

Total No. of Job Offers

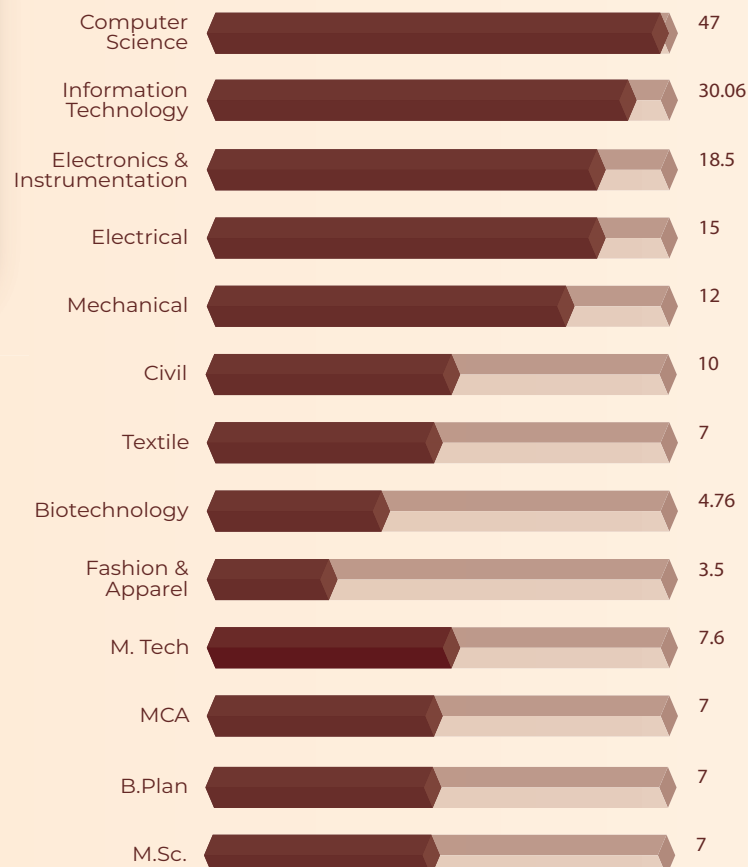
750+

Total Recruiters

140+

Maximum CTC in LPA (Stream wise)

*All figures in LPA



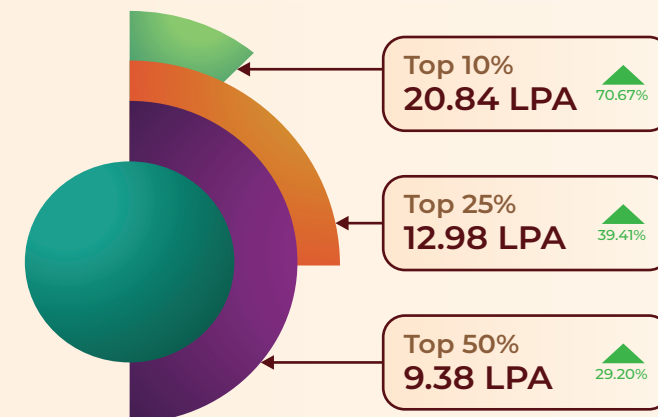
HIGHEST CTC

47 LPA

AVERAGE CTC

5.80 LPA

TOP 5 OFFERS



OUR MAJOR RECRUITERS



OUR ESTEEMED ALUMNI



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



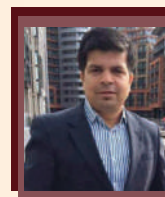
Sumit Deb
Chairman-cum-managing Director
NMDC Limited



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



Rajendra Kumar Patro
Vice President of Aerospace and Defense
Cylent Ltd.



Jyoti Prakash Mohapatra
Joint President
Aditya Birla Group



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



Sandeep Kumar Dash
Jt General Manager - SCM/SC
L&T Hydrocarbon Engineering Limited



Debansmit Mohanty
CEO and Founder
StratLytics Consulting



Ronak Kumar Samantray
Co-Founder
Now Floats



Sourav Das
Founder & CEO
MyRx - Health With Care



Anil Mallick
Founder & Exec. Director, TCube
Former Senior Director, Capgemini



Vivekananda Pani
Co-Founder
Reverie Language Technologies



Lalatendu Das
CEO
Performics India



Jyoti Ranjan Dash
Associate Vice President
Himatsingka Group



Abinash Acharya
Deputy General Manager-Structures
LEA Associates South Asia Pvt. Ltd., LEA Group



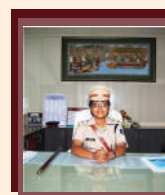
Rashmita Panda
Indian Administrative Service (IAS)
Government Of India



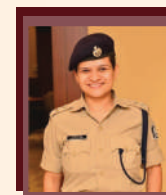
Pamela Satpathy
Indian Administrative Service (IAS)
Government Of India



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



Mohammed Fatahun Azeez Khan
Indian Forest Service (IFS)
Government of India

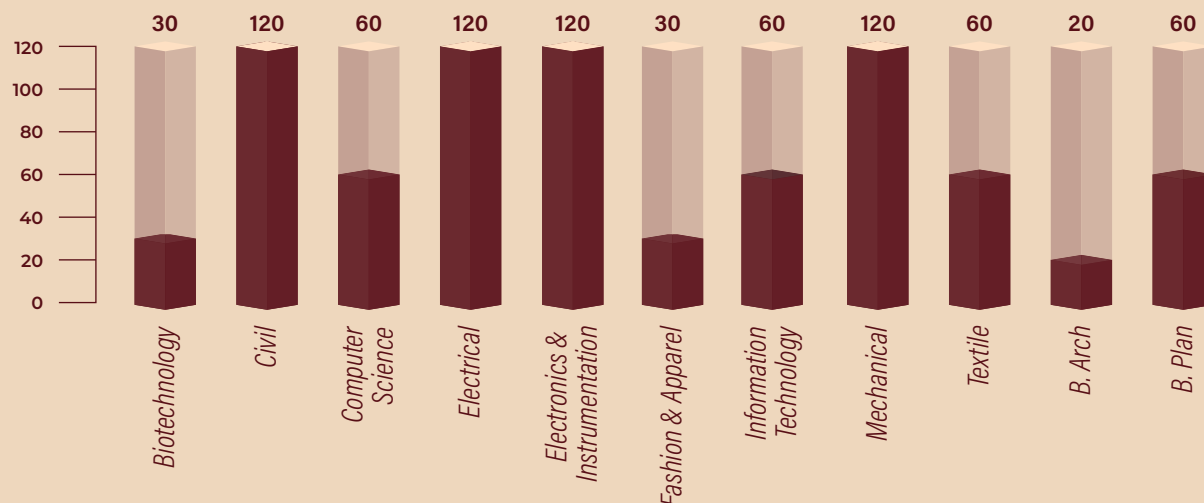
BATCH COMPOSITION 2022-23

MASTER COURSES

M. Tech.

- Computer Science 18
- Information Technology 18
- Civil
 - Geotechnical Engineering 18
 - Water Resources Engineering 18
 - Structural Engineering 18
- Mechanical
 - Industrial Engg. Management 18
 - Thermal 18
 - Design & Dynamics 18
- Electrical
 - Power System Engineering 18
 - Power Electronics and Drive 18
 - Energy System Engineering 18
- Electronics & Instrumentation
 - Electronics & Communication 18
 - Electronics & Instrumentation 18
 - Signal Processing Engineering 18

BACHELOR COURSES



- Textile 18
- 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

Contact Us:

Training and Placement Committee:

Dr. Saroj Kumar Pradhan

Training and Placement Officer

Email: skpradhan@outr.ac.in

Phone: 9437157631

Prof. Samarjit Patnaik

Deputy Training and Placement Officer

Internship Coordinator


Email: patnaik.samarjit@outr.ac.in

Phone: 9438488168

Mail your queries at: placement@outr.ac.in

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