

PLACEMENT BROCHURE 2019-20



COLLEGE OF AGRICULTURAL ENGINEERING AND TECHNOLOGY
ODISHA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY, Bhubaneswar



VISION

To make farming operations more sustainable, profitable and to improve the status of farming community of the state and the country.

MISSION

To be recognised as a Centre of Excellence in Teaching, Research and Extension Education in the field of Agricultural Engineering at national and international level and to develop quality trained and learned manpower for the cause of making farming more profitable.

About Us

The College of Agricultural Engineering and Technology (CAET) was established in the year 1966. Well acclaimed as one of the leading colleges under SAU-ICAR system, CAET-Bhubaneswar is imparting education, research and extension in the field of Agricultural Engineering since more than five decades. It provides highly qualified technical as well as managerial human resources to the public and industrial sector through its B. Tech, M. Tech and Ph.D. degree programmes.

CAET is a lively institution with its dedicated & qualified faculty and staff. The college is well equipped with modern laboratory facilities to meet the challenges and need of the Govt. and Industries. The students undergo six months in-plant training in various leading industries and training institutes as a part of the curriculum. The students also undertake one project in their final year as partial fulfillment of their requirement for the degree. They also present technical seminars in their concerned projects.

Every year about 64 students are inducted through a tough selection procedure taking into consideration the career marks secured at 10th and 12th level and also the entrance test conducted by the Odisha University of Agriculture & Technology (OUAT), thereby ensuring the intake of highly meritorious students.

We at CAET, are working with team spirit, dedication, sincerity and enthusiasm to build ourselves and the society as a whole.



MESSAGE FROM THE DEAN

I have immense pleasure to introduce you to the College of Agricultural Engineering and Technology, Bhubaneswar, which is a constituent college of the premier Odisha University of Agriculture and Technology. The college, since its inception in 1966, has grown steadily to be one among the top agricultural engineering colleges of the country. In addition to the B. Tech. course in Agricultural Engineering, the college also offers M. Tech. and Ph.D. programmes in the subjects of Farm Machinery and Power, Soil and Water Conservation Engineering and Processing and Food Engineering. The college has always been dedicated to study and scholarships of the highest national standard and we are rated among the top level institutes of the country on the basis of competitive examinations held at national and international level for higher education and placement. The alumni of the college, serving in different respectable positions in and outside the country, have brought glory to the college.

In the current perspective of liberalisation and increasing importance of agri-business, we hope that our students can play a leading role in shaping a healthy and growing economy. They have the missionary zeal and commitment to enjoy charms and challenges of tough competitions, those are inherent in multi-dimensional farm sector.

I welcome your esteemed company for campus recruitment programme and give opportunity to our students to be a part of your premiere organisation. I am sure this will be mutually rewarding and both of us can contribute in a great way to the development of the farming community of the country.



Sanjaya K. Dash, M. Eng. (Ag), Ph.D. (IARI)
FIE, FISAE, MAFST(II), PE
DEAN

INVITATION

We have great pleasure in inviting you to the College of Agricultural Engineering and Technology, OUAT, Bhubaneswar to participate in our placement program 2019-2020.

Our college is a premier institute in the field of Agricultural Engineering & Technology and has been providing value based education for the last five decades. Its mission is to promote sustainable, eco-friendly and equitable development of agriculture in the country through the application of engineering principles and cutting edge technologies. It strives to achieve the mission by creating professionals with sound technical knowledge and hands-on experiences.

The students of this college are selected through common entrance test conducted all over the state after +2 science examination. The college attempts to develop total personality of every individual. Besides regular scholastic and co-curricular activities of the institution, the students are also trained on social services, yoga and aerobics.

Our graduates are full of talent and enthusiasm. They are competent and committed team workers, who can blend into work ethos of any organization they join in.

We invite your esteemed organization to participate in our Campus Recruitment Program 2019-20. We will be pleased to provide you with sincere hospitality in true Indian tradition.



Sanjay K. Raul, M. Tech., Ph.D. (IIT KGP)
LMISAE, LMISRS
Officer-In-Charge, Training & Placement

DEPARTMENT OF FARM MACHINERY AND POWER



The department of Farm Machinery and Power (FMP) has well equipped laboratories like farm power, farm machinery, plant protection, CAD and data processing, bio-diesel, ergonomics, traction, and experiential learning workshop and prototype manufacturing workshop. The department has developed different machines/technologies like various matching attachments for multipurpose tool frame such as seeding device, bund former, bed former, MB plough, wheel hand hoe, paddle operated maize dehusker sheller, ergo-friendly fruit harvesting package, hydraulic tractor trailer with safety devices, planters and threshers, air sleeve boom sprayer, multi crop seed drill cum planter etc. The department has a farm machinery testing centre for testing and certifying agricultural implements and machines for ensuring quality supply of agricultural machinery & equipment under Govt. programmes.

The faculties of the department are highly qualified with advanced degrees/ trainings from premier institutes like AIT, Bangkok, IIT, Kharagpur and Delhi, IARI, New Delhi, and GBPUA&T, Pantnagar, BCKV, West Bengal, Utkal University, Bhubaneswar.

In addition to teaching, the department has also liaison with industries like ASPEE, Mumbai, different tractor industries etc. and other organizations. The department is engaged in research works of different schemes of various organizations like ICAR, MNRES, DST, Govt. of India and the Govt. of Orissa. The department transfers the research results to the end users like farmers, the industries and to the extension workers of the government through various extension activities.





DEPARTMENT OF SOIL AND WATER CONSERVATION ENGINEERING

The department of Soil and Water Conservation Engineering (SWCE) has well equipped laboratories like soil and water conservation engineering, irrigation and drainage engineering and hydraulics, which have facilities of modern systems and equipment like neutron probe moisture meter, pressure plate apparatus, digital stage level recorder, micro Irrigation systems, different types of hydraulics pumps, models and prototypes of chute and drop spillway, models to study ground water flow dynamics, Geo-resistivity meter etc. Moreover, the facilities of testing and evaluation of various pumps, sprinklers and drips are also available in the department.

The faculties of the department are highly qualified with advanced degrees/ trainings from premier institutes like AIT, Bangkok, IIT, Kharagpur, IARI, New Delhi, and Libneiz University of Hannover, Germany.

In addition to teaching, the department has also research projects in collaboration with IIT, Bhubaneswar, SAC (ISRO), Ahmedabad, NRSC (ISRO), Hyderabad, IIT, Kharagpur, IIWM, Bhubaneswar. The prestigious World Bank funded project on "National Watershed Development Project for Rainfed Areas" (NWDpra), Integrated Watershed Development Project (IWDP) throughout the state at different watersheds, Improvement of hydraulic structures in Mahanadi Delta irrigation command, and Rehabilitation of degraded watersheds are some other flagship projects operating in the department. The students are also exposed to different modern technology in the campus as well as in these organisations/ projects and take up projects under joint guidance.



DEPARTMENT OF AGRICULTURAL PROCESSING AND FOOD ENGINEERING

The department Agricultural Processing and Food Engineering (APFE) has well equipped laboratories like food engineering, food analysis and food technology, which have facilities of modern systems and equipment meant for solving the problems right from crop harvesting to post harvest handling, refinement, conditioning, storage, processing, packaging and transportation.

The faculties of the department are highly qualified with advanced degrees/ trainings from premier institutes like AIT, Bangkok, IIT, Kharagpur, IARI, New Delhi, CFTRI, Mysore, RAU Udaipur and GBPUA&T, Pantnagar.

In addition to teaching, the department has also research projects like AICRP on post harvest technology (ICAR), ICAR- FCI sponsored project on determination of storage losses of food grains in FCI and CWC warehouses, central sector scheme on post harvest technology and management and tribal sub plan (TSP) funded by Govt. of India. The students of the department are trained on the operation and design of different food processing equipment, process technologies for preparation of different value-added products, biochemical and microbiological analysis of food products and management of food processing industries.



DEPARTMENT OF MECHANICAL AND ELECTRICAL ENGINEERING

The department of Mechanical and Electrical Engineering (MEE) has well equipped laboratories like electrical circuits, applied electronics and instrumentation, electrical machines and power utilization, and refrigeration and air conditioning, and a central workshop containing welding shop, machine shop, smithy & fitting shop. The laboratories have facilities of modern systems and equipment like drilling and milling machines, shaper, power hacksaw, hydraulic press, DC motor and generator etc.

The faculties of the department are highly qualified with advanced degrees/ trainings from premier institutes like KIIT, Bhubaneswar and NIT, Rourkela.

The workshop of the department is a nodal centre for the fabrication of various types of research models and prototypes as a part of project and research works. This department offers basic courses of Mechanical and Electrical Engineering. The department has developed a web based information system on production technologies with marketing strategies along with genetic resource database with characteristics of cultivars of vegetable crops of central India" sponsored by Ministry of Communication , Information & Technology, Govt. of India, New Delhi.



DEPARTMENT OF AGRICULTURAL STRUCTURE,CIVIL & ENVIRONMENTAL ENGINEERING

The department of Agricultural Structure, Civil and Environmental Engineering (ASCEE) has well equipped laboratories in the field of farm structures, soil mechanics, material testing and environmental engineering with facilities of Direct and Tri-axial shear test, Consolidation test, Standard Proctor test, Abbot's compaction test, Static cone penetration test, and Constant and Falling head permeability test etc.. Besides, the laboratories are equipped with Cassagrande apparatus, Hydrometer and Sieves, Universal testing machines, Tensile strength testing machines, Compressive strength testing machines, high precision theodolite, compass, plane table, dumpy level etc.

The faculties of the department are highly qualified with advanced degrees/ trainings from premier institutes like BITS Pilani, IARI, New Delhi and Clemson University (USA).

In addition to teaching, the department has also research project “investigation on durability of concrete repair”, funded by the Department of Science and Technology, Govt. of India, New Delhi. The department also undertakes industrial consultancy works as a part of its interaction with industry. The Department contributes to the interdisciplinary academic and research activity of the college/university.



OUR MENTORS



FACULTY OF FARM MACHINERY AND POWER



SL.NO.	NAME	DESIGNATION	QUALIFICATION
1	Dr. Debraj Behera	Professor and Head	M. Eng. (AIT, Bangkok), Ph.D. (IARI)
2	Dr. Rama Chandra Dash	Professor	M. Tech. (IIT, KGP), Ph.D. (IARI)
3	Dr. Bijay Kumar Behera	Professor	M. Tech. (OUAT), Ph.D. (GBPUA&T)
4	Dr. Manoj Kumar Ghosal	Professor	M. Tech. (IIT, KGP), Ph.D. (IIT, Delhi)
5	Dr. Sangram Keshari Swain	Professor	M. Tech. (OUAT), Ph.D. (BCKV)
6	Dr. Aswini Kumar Goel	Professor	M. Tech. (OUAT), Ph.D. (UU)
7	Dr. Santosh Kumar Mohanty	Professor	M. Tech. (OUAT), Ph.D. (IIT, Delhi)
8	Dr. Padma Lochan Pradhan	Professor	M. Tech. (IIT, KGP), Ph.D. (OUAT)
9	Dr. Mahendra Kumar Mohanty	Professor	M. Tech. (IIT, KGP), Ph.D. (IIT, Delhi)
10	Dr. Ajaya Kumar Dash	Professor	M. Tech. (OUAT), Ph.D. (IIT, Delhi)
11	Dr. Jayanarayan Mishra	Professor	M. Tech. (OUAT), Ph.D. (UU)
12	Dr. Markandeya Mahapatra	Associate Professor	M. Tech. (OUAT), Ph.D. (BCKV)
13	Dr. P. K. Sahoo	Associate Professor	M. Tech. (OUAT), Ph.D. (IIT, Delhi)
14	Dr. Arun Kumar Mohapatra	Professor (Animal Science)	M. Tech. (OUAT), Ph.D. (OUAT)



FACULTY OF AGRICULTURAL PROCESSING AND FOOD ENGINEERING

SL.NO	NAMES	DESIGNATION	HIGHEST QUALIFICATION
1	Dr. (Mrs.) Kalpana Rayaguru	Professor and Head	M. Tech. (IIT, KGP), Ph.D. (GBPUA&T)
2	Dr. Sanjaya Kumar Dash	Professor and Dean	M. Tech. (RAU, Udaipur), Ph.D. (IARI)
3	Dr. Chinmaya Kishore Bakhara	Assistant Research Engineer	M. Tech. (IIT, KGP), Ph.D. (OUAT)
4	Dr. Manoj Kumar Panda	Research Engineer	M. Eng. (AIT, Bangkok), Ph.D. (OUAT)
5	Dr. (Mrs.) Minati Mohapatra	Assistant Professor	M. Tech. (GBPUA&T), Ph.D. (IIT, KGP)
6	Dr. Nihar Ranjan Sahoo	Associate Professor	M. Tech. (CFTRI, Mysore), Ph.D. (OUAT)
7	Dr. Uma Sankar Pal.	Associate Professor	M. Tech. (IIT, KGP), Ph.D. (OUAT)

FACULTY OF MECHANICAL AND ELECTRICAL ENGINEERING

SL.NO	NAMES	DESIGNATION	HIGHEST QUALIFICATION
1	Dr. Rama Chandra Dash	Professor & Head	M. Tech. (IIT, KGP), Ph.D. (IARI)
2	Sri Subhrajit Ray	Assistant Professor	M. Tech. (Production Engineering)
3	Sri Prasanta Kumar Barik	Assistant Professor	M. Tech (Power Electronics and Drives)



FACULTY OF SOIL AND WATER CONSERVATION ENGINEERING

SL.NO.	NAMES	DESIGNATION	HIGHEST QUALIFICATION
1	Dr. Balram Panigrahi	Professor and Head	M. Eng. (AIT, Bangkok), Ph.D. (IIT, KGP)
2	Dr. Ch. Rajendra Subudhi	Professor	M. Tech. (IIT, KGP), Ph.D. (OUAT)
3	Dr. Bharat Chandra Sahoo	Professor	M. Tech. (OUAT), Ph.D. (IIT, KGP)
4	Dr. Narayan Sahoo	Professor	M. Eng. (AIT, Bangkok), Ph.D. (IARI)
5	Dr. Jagadish Chandra Paul	Professor	M. Tech. (OUAT), Ph.D. (UU)
6	Dr. Ambika Prasad Sahu	Professor	M. Tech. (OUAT), Ph.D. (UU)

FACULTY OF AGRICULTURAL STRUCTURE , CIVIL AND ENVIRONMENTAL ENGINEERING

SL.NO.	NAMES	DESIGNATION	HIGHEST QUALIFICATION
1	Dr. Bishnu Prasad Behera	Professor & Head	M. Tech. (OUAT), Ph.D. (IARI)
2	Dr. Rashmi Ranjan Pattnaik	Associate Professor	M. Tech. (BITS, Pilani), Ph.D. (Clemson Univ., USA)

CENTRAL INSTRUMENTATION FACILITY

SL.NO.	NAMES	DESIGNATION	HIGHEST QUALIFICATION
1	Dr. Sanjay Kumar Raul	Associate Professor	M. Tech. (GBPUA&T), Ph.D. (IIT, KGP)
2	Sri Sourajit Acharya	Assistant Professor	M. Tech. (UCE, Burla)

LABS AND PRACTICAL FACILITIES



COMPUTER LAB



FARM MACHINERY LAB



FOOD ENGINEERING LAB



SOIL AND WATER CONSERVATION ENGINEERING LAB



GLIMPSE OF INDUSTRIAL TRAINING



TRAINING BY VST



TRAINING BY PRACTICAL ACTION



TRAINING BY AGRILMACH



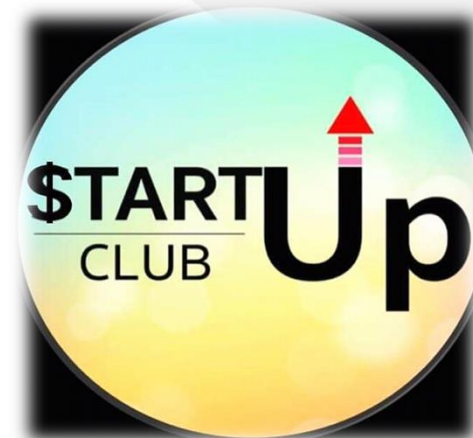
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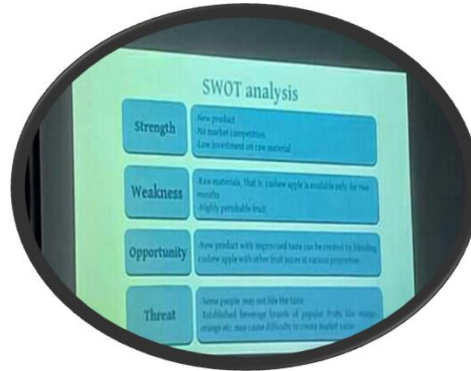
RESEARCH AND EXTENSION ACTIVITIES



CLUBS AND ACTIVITIES



CLUB ACTIVITIES



CAET GUNJ



ACTIVITY BY START UP CLUB

CULTURAL ACTIVITIES



ANNUAL CULTURAL FEST



CAET TALKS

SPORTING EXTRAVAGANZA



ANNUAL SPORTS



ISHAN MEMORIAL TROPHY



COMMUNITY SERVICES (NSS)



AWARENESS PROGRAMME ON HEALTH AND HYGIENE IN SLUM AREAS

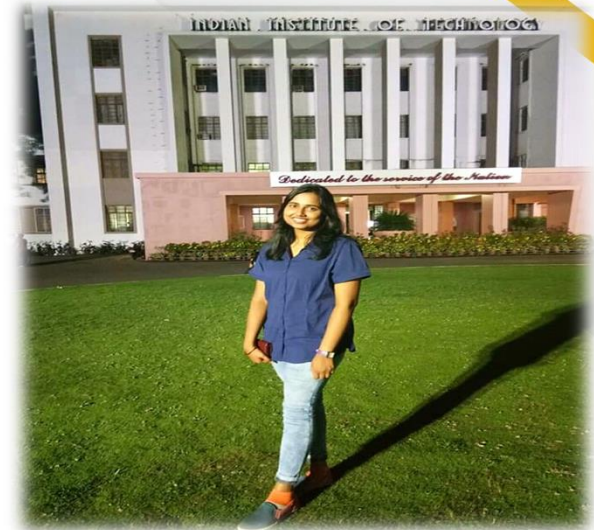
OUR ACHIEVERS



Shri Sandeep Kumar Azad
IIM A



Shri Tapas Kumar Swain
IIM C



Miss Sukanya Suryavanshi
GATE 2019 AIR 3

OUR ESTEEMED ALUMNI



Prof. Sudhindra Nath Panda
Director
National Institute of Technical
Teachers' Training and
Research, Chennai, Tamil Nadu



Prof. Rabindra Kumar Panda
Professor
School of Infrastructure
Indian Institute of Technology,
Bhubaneswar



Prof. Hifjur Rahman
Professor, Agricultural & Food
Engineering
Indian Institute of Technology,
Kharagpur



Dr. Manjit K Misra
Professor, Ag. & Biosystems
Engineering
Iowa State University, USA



Dr. Binayak Mohanty
Regents Professor,
Department of Ecosystem
Science and Management,
Texas A&M University, USA



Dr. Chittaranjan Ray
Professor and Director of
Nebraska Water Center,
Department of Civil and
Environmental Engg. ,
University of Nebraska, USA



Dr. Debasmita Misra
Professor, Geological
Engineering,
University of Alaska Fairbanks,
USA



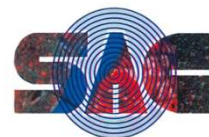
Dr. Suranjan Panigrahi
Professor, Electrical and
Computer Engineering,
Purdue University, USA

and many more...





OUR TRAINING/INTERNSHIP PARTNERS



ICAR-Central Institute of Post Harvest Engineering & Technology (CIPHET)



Department of
Water Resources



PAST RECRUITERS



STUDENT COORDINATORS



NAME	CONTACT NUMBER
Soumendra Mohanty	9437752141
Saswat Kumar Sahoo	7205593486
Dinesh Kumar Nayak	7787013593
Miss Sweta	9437059543

WELCOME TO THE TEMPLE CITY BHUBANESWAR





NEARBY ACCOMMODATIONS

- 1. OUAT GUEST HOUSE**
- 2. HOTEL PRESIDENCY**
- 3. HOTEL SWOSTI PREMIUM**
- 4. HOTEL EMPIRES**
- 5. MAYFAIR LAGOONS**
- 6. TRIDENT BHUBANESWAR**

Well connected to BIJU PATNAIK INTERNATIONAL AIRPORT by road – 2.2 km from CAET
Nearest railway station - BHUBANESWAR RAILWAY STATION – 5 km from CAET
Nearest bus terminal - BARAMUNDA BUS STAND – 4 km from CAET



Thank You

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