

# DIBRUGARH UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY



## PLACEMENT BROCHURE

# VISION

“To be an Institution of academic excellence, globally networked and universally respected, with the best in class faculty and students that will unceasingly strive to create an open teaching-learning environment by promoting passion for quality, creativity, innovative enquiry and cutting edge research, both basic and applied, thereby empowering its academic community to be ethical, learned, industry friendly, socially conscious and environmentally sensitive to make a difference in people’s lives”

# MISSION

The broad mission of the Institute is to produce quality technical manpower with the spirit of Nationalism and build of the knowledge to help the weaker section of the society for better livelihood and a sustainable world.

- Be an Institution of Academic Excellence.
- Develop best in class faculty and students.
- Develop an Integrated and Interdisciplinary Research and Scholarship Community.
- Establish an efficient placement cell.
- Develop a socially conscious and Environmentally Sensitive Community.

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# From Vice Chancellor's Desk



**Professor Ranjit Tamuli**  
Vice-Chancellor  
DIBRUGARH UNIVERSITY  
Dibrugarh, PIN 786004, Assam  
**DU/VC/M/073/18/140**



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**September 04, 2018**

Date .....

Ref. No. ....

## Message

**“Our assessment of the students is inclined to assist the evaluation process and instill the core values in these students so that they can serve the organization with professionalism, dedication and integrity of the highest form.”**

*I take immense pleasure to welcome our recruiters to the placement activities. I feel proud to announce that Dibrugarh University Institute of Engineering and Technology (DUIET) has been producing batches of engineering graduates prepared for consideration of the industry and corporate sector.*

*Our graduation programme is carefully designed to prepare our students to make valuable contribution to the organizations. At DUIET we have created some of the finest facilities for imparting technical education to our students. The relevant projects are conceptualized by the faculty members who are embedded in all the academic programs offered by our globally recognized institute.*

*Our assessment of these students is inclined to assist the evaluation process and instill the core values in these young students so that they can serve the organization with professionalism, dedication and integrity of the highest form.*

*These young graduates has propensity for inter-disciplinary academics. Along with studying the modules of curriculum, they thrived to read widely and ramify advancement of science and technology. The students have an extended focus in all fields of sports, creativity, communication, social services and dynamism to serve their Alma matter.*

*Dibrugarh University has recently earned accreditation from the NAAC with A –grade. Through accreditation, DUIET has not only met specific standards of excellence, but has also made a commitment to ongoing improvement to ensure that the institution will continue to deliver high quality education to its students. With the feedbacks from the recruiters and my own interaction I can make a strong conviction that our students will live up to their expectation. I welcome you to read this booklet to know more about the Graduate Programs and placement policies.*

*Ramuli*

**Prof. Ranjit Tamuli**



# From Director's Desk

*“Our focus is also on human values and ethics to our students so that they can serve the organizations which select them with Professionalism, Dedication and Integrity”.*

*Dibrugarh University Institute of Engineering and Technology has been successfully producing six batches of engineering graduates ready for consideration of the Corporate Sector and Industry. All these graduates are from Petroleum Engineering, Mechanical Engineering, Electronics and Communication Engineering and Computer Science and Engineering. In our institute some of the finest facilities have been created for imparting Technical Education to our students with relevant projects. Apart from instilling the art of knowledge and technical skill to our students, emphases were also made towards the right attitude and the soft skill of communication. Our focus is also on human values and ethics to our students so that they can serve the organizations which select them with Professionalism, Dedication and Integrity. Feedbacks for our previous students from the recruiters of various organizations of international repute are quite encouraging.*

*I hereby congratulate to all our young engineering graduates for successfully completing their courses.*

*Wishing all the best to the recruiters*

*(Prof. Pramathesh Bhattacharyya)*

*Director, D.U.I.E.T.*

*Dibrugarh University*

# ACADEMIC COURSES

## Petroleum Engineering

CORE	
Drilling engineering	Linear Algebra and Complex Analysis
Geology of Petroleum	Mechanical Engineering
Chemistry of Petroleum	Probability , Random Processes and Numerical Methods
Petroleum Refining	Microprocessor and their Applications
Reservoir Engineering	Mathematics
Production Engineering	Managerial Economics
Surveying And Remote Sensing	<b>ELECTIVE</b>
Petroleum Exploration	Petrochemical Engineering
Sedimentary and Petroleum Geology	Natural Gas Engineering
Reservoir Modelling and Simulation	Heat and Mass Transfer
Offshore Operations	Fluid Flow Through Porous Media
Petroleum Operation Management	Petroleum Economics
Health, Safety, Security and Environment in Petroleum Industry	Transportation and Marketing of Petroleum and Petroleum Products
Petroleum Formation Evaluation	Well Servicing and Workover
Energy Scenario in India	Unconventional Gases
Improved Oil Recovery	
Enhanced Oil Recovery	

## Mechanical Engineering

CORE	ELECTIVE
Machine Drawing	Computational Fluid Dynamics and Heat Transfer
Dynamics of Machinery	Power plant Engineering
Strength of Materials	Energy Management
Fluid Mechanics	Advanced Manufacturing processes
Manufacturing Technology	Optimisation Methods in Engineering
Heat and Mass Transfer	Quality Engineering
Basic Thermodynamics	Convective Heat and Mass Transfer
Applied Thermodynamics	<b>OTHERS</b>
Engineering Mechanics	Computer Aided Design
Mechanical vibrations	Computer Aided Manufacturing
Mechanical Measurements and Instruments	Mechatronics
Numerical Analysis and Computation	Non-Traditional Optimisation Methods
Internal Combustion Engines	Modern Engineering Materials
Refrigeration and Air Conditioning	Finite Element Methods in Engineering

## Computer Science and Engineering

CORE	
Operating Systems	System Software
Computer Networks	Compiler Design
Computer Graphics	Design and Analysis of Algorithms
Data Communication	Formal Language and Automata Theory
Digital Logic And Design	Object Oriented Programming using C++
Electronic Devices and Circuit	Real Time Systems
Data and File Structures using C++	Discrete Mathematics
Microprocessors and Microcontrollers	Database Systems
Artificial Intelligence	Software Engineering
Computer Architecture and Organization	Cryptography and Network Security
ELECTIVE	
Graph Theory	Robotics
Information Theory and Coding	Fuzzy Logic and Neural Networks
Robotics	Image Processing
VLSI Design	Mobile Computing
Data Mining	Wireless Communication
OTHERS	
Operation Research and Optimization Techniques	Fundamentals of Management
Sociology and Accountancy	Communication Skills

## Electronics and Communication Engineering

CORE	ELECTIVE
Semiconductors Devices and Circuits	Power Electronics
Digital Circuits and Logic Design	Digital Signal Processors and Applications
Microprocessor and Microcontroller	Operating Systems
Analog and Digital Communications	Consumer Electronics
Digital Signal Processing	Digital Image Processing
Embedded Systems	Optoelectronic Devices
VLSI Design	Special Topics in Communication Engineering
Object Oriented Programming Using C++	Cryptography And Network Security
Electrical Machines	Spread Spectrum Communication
Satellite Communication	Cellular Mobile Communication
Microwave Engineering	Satellite Communication Systems
Information Theory and Coding	Microwave Integrated Circuit Design

# DEPARTMENT FACILITIES

## PETROLEUM ENGINEERING

- Drilling Engineering Lab,
- Production Engineering Lab
- Reservoir Engineering Lab
- Geology and Geophysical Lab
- Petroleum Product Testing Lab
- IOR/EOR Lab

## MECHANICAL ENGINEERING

- Engineering Mechanics Lab
- Basic Thermodynamics Lab
- Fluid Mechanics Lab
- Heat and Mass Transfer Lab
- Dynamics of Machinery Lab
- Strength of Materials Lab
- Metrology Lab
- Mechanical Vibration Lab
- Central Workshop

## ELECTRONICS AND COMMUNICATION ENGINEERING

- Microprocessors and Microcontroller Lab
- Mobile Communication Lab
- Digital and Analog Circuit Lab
- Digital laborator, Communication Lab
- Microwave Lab,Electrical Machines Lab
- Embedded Lab
- Simulation Lab
- Electronics Devices Lab

## COMPUTER SCIENCE AND ENGINEERING

- Software engineering Lab
- Robotics and Artificial Intelligence Lab
- Database Lab,Networking Lab
- Object Oriented Programming Lab
- Embedded and Realtime
- Systems Lab
- Compiler Design Lab
- Image Processing Lab

# DEPARTMENTACTIVITIES

Branch	Program	Date	Topic	Experts
Petroleum Engineering	TEQIP-III FUNDED EXPERT LECTURE	2/02/2018	Coil Tubing Unit	Abhijit Anand, Schlumberger
	TEQIP-III FUNDED EXPERT LECTURE	19/03/2018	Coil Tubing Unit	Madhurjya Dihingia, Schlumberger
	TEQIP-III FUNDED EXPERT LECTURE SERIES	24/03/2018 - 29/03/2018	Advances in Reservoir Simulation and Drilling Technology	Anurag Singh, Prof. IIT Guwahati Vipan Kr. Bhalla, Prof. RGIPT,UP
	SHORT TERM TRAINING PROGRAM SPONSORED BY TEQIP-III	18/06/2018 - 22/06/2018	Reservoir Modelling and Simulation in EOR Prospective	Dr Puspa Sharma, UPES, Dehradun Sidhartha Sur, EX-ED, ONGC
Electronics and Communication Engineering	TEQIP-III FUNDED SOFT SKILL TRAINING PROGRAMME	20/12/2017 - 22/12/2017	SOFT SKILL DEVELOPMENT	Mr N.K KAPHUNGKUI
	INDUSTRIAL VISIT FUNDED BY TEQIP-III	29/12/2017	VISIT TO IOCL,DIGBOI	Mr BHARGAB JYOTI SAIKIA
	LECTURE SERIES UNDER TEQIP-III	27/03/2018	1.Lecture on Electronic controllers for DC motors 2.Introduction to speech signal processing and Cardiovascular signal analysis	1.Prof Anup Kr Gogoi ,IIT G 2.Prof Samarendra ,IIT G
Computer Science and Engineering	INNOVATION CLUB UNDER TEQIP-III	2018	START UP IDEAS	Mr ABHIJIT BORUAH
Mechanical Engineering	TEQIP-III FUNDED EXPERT LECTURE SERIES	26.03.2018 to 28.03.2018	Material science Aerospace and aeronautics	Dr. Uday Shankar Dikshit Dr. Anup Kumar Das Dr. U.K Saha
	TEQIP-III FUNDED EXPERT LECTURE	04.05.2018	Industrial talk on ONGC	G.M, ONGC
	TEQIP-III FUNDED EXPERT LECTURE	04.05.2018	Industrial talk on OIL	G.M, OIL.



# ACHIEVEMENTS AND RECOGNITIONS



- 6th semester students Dikhita Lahon, Piyali Dey, and Ankita Mahanta participated in national level CONFERENCE BY NCRASST in TISS, GUWAHATI. They delivered an oral presentation on Degumming of vegetable oil –“A cheap means of refining vegetable oil for biodiesel production” on 17 March 2018.



- Presented a project on “Drilling Fluid and Casing Design” at Dhansiri Bhawan, ONGC CINAAMARA on 15th February, 2018 by Alankrit Kakoty, Bidisha Sonowal, Anirban Dey, Simanta Keot, Rahul Chakroboty and Sanjay Krishna Bharali.

- Cybrosec India got selected for AICTE STARTUP MENTORSHIP PROGRAM 2018 (Comprising of Farhad Sajid Barbhuiya, Yusuf Ahmed, Pragya Priya Dutta and Abhijit Boruah) held at AICTE HQ, New Delhi.

- Nilotpai Gogoi has entered the Assam Book of Records for being a numismatist. He so far collected 71 currency notes and coins belonging to different countries.

# STUDENT ACTIVITIES

## AUXESIS

AUXESIS, the most waited fest in Northeast India doing justice to its motto- Imagine, Innovate, Create - is a dynamic Techno-Cultural-Management extravaganza of Dibrugarh University which is all about shaping human imagination to create path breaking creation of innovative ideas and exploring their full potential. It is about ideas, learning, problem solving, innovation, technology and even camaraderie. Because of its variety and richness, this event enjoys a footfall of over 20,000 which just keeps on increasing year after year.



## VARSIY WEEK

The Varsity Week of Dibrugarh University (DU), 'Udyam' encourage students' holistic development by giving due importance to sports and cultural activities, besides improving the academic atmosphere in the University. It's an energetic week for students with various interests in all fields for their own development.

# MATCHLESS MENTORS

## **DIRECTOR:**

Prof. Pramathesh Bhattacharyya

## **Department of Mechanical Engineering:**

MR. AMIT TALUKDAR

B.E., M.TECH, M.S

MR. PARTHA PRATIM BORTHAKUR

B.E., M.Tech

MR. RUPAM DEKA.

B.E., M.Tech

MR. DIPANKAR DAS

B.E., M.Tech

DR. PRANJAL SARMAH

B.E., M.Tech, Phd

MRS. SAROJ YADAV

B.E., M.Tech

MR. PANKAJ KONWAR

B.E., M.Tech

MRS. ELLORA BARUAH

B.E., M.Tech

MR. KESHAB BISWAKARMA

B.E., M.Tech

MR. MADHURJYA SAIKIA

B.E., M.Tech

## **Department of Electronics and Communication Engineering**

MR. HARAPRASAD MONDAL

B.E., M.Tech

MS. PARISMITA GOGOI

M.Sc, M.Tech

MR. GURUMAYUM R. MICHAEL

B.Tech, M.Tech

MR. N. HEMARJIT SINGH

B.E., M.Tech

MR. BHARGABJYOTI SAIKIA

B.Tech, M.Tech

MR. N. K. KAPHUNGKUI

B.Tech, M.Tech

Mr. ASHIM KUMAR (B Tech, M Tech)

Mr. NIDISH ANTONY (B Tech, M Tech)

## **Department of Computer Science and Engineering:**

MR. KAUSHIK DAS

B.Tech, M.Tech

MR. MOIRANGTHEM TIKEN SINGH

B.E., M.Tech

MR. ABHIJIT BORUAH

B.Tech, M.Tech

MRS. NOMI BARUAH

B.E., M.E.

MR. SUDIPTA MAJUMDER

B.Tech, M.Tech

MR. RABINDER KUMAR PRASAD

B.E., M.Tech

MR. ROSHAN CHETTRI

B.Tech, M.Tech

Mr. MANOJIT GHOSE

B.E, M.Tech

## **Department of Petroleum Engineering:**

DR. PRASENJIT TALUKDAR

B.E., M.Tech, Ph.D.

DR. NAYAN MEDHI

B.E., M.Tech, Ph.D.

MR. PRASUN BANIK

B.E., M.Tech

MRS. CHAYANIKA BORA

M.Sc, M.Tech

MS. BONDITA ROBIDAS

B.E., M.Tech

MR. BHASKAR JYOTI SAIKIA

B.E., M.Tech

Mr. SUMIT KUMAR

B Tech, M Tech

Dr. RITURAJ SINGH

B Tech, M. Tech, Ph.D.

## **Allied Departments:**

### **Mathematics:**

DR. BARNALI SHARMA

PH.D

MR. NIRANJAN BORA

M.Sc.

MR. AJAY DUTTA, M. Sc.

### **Physics:**

DR.(MRS) PURABI GOGOI

M.Sc(Physics), Ph.D.

MRS. BARSHA DUTTA

M.Sc(Physics)

### **Chemistry:**

DR(MRS) GITALEE SHARMA

M.Sc(Chemistry), Ph.D.

### **Humanities:**

MRS. PARINITA HAZARIKA

M.A.(ENGLISH), B.Ed, SLET

# INFRASTRUCTURE



**Sir M. Visvesvaraya Bhawan**



**Department of Petroleum Engineering**



**Department of Mechanical Engineering**



**Department of Electronics and Communication Engineering**



**Department of Computer Science and Engineering**

# PLACEMENT PROCESS

- The Training & Placement Office (nodal point for placements & Internship at D.U.I.E.T., Dibrugarh University) sends invitations to companies/organizations along with relevant information.
- Company/ Organization fills in a (JAF) Job Announcement Form containing details of the job offer (pay package, location, allowances and other bonuses) along with the preferred dates of campus visit.
- The duly filled JAFs should be sent as email attachment to Training & Placement Cell at [tpcdviet@dibru.ac.in](mailto:tpcdviet@dibru.ac.in) or as hard copy to “TPO, D.U.I.E.T., Dibrugarh University, Dibrugarh, Assam 786004”.
- Placement Office allots dates to companies for campus interviews based on various details given by companies. The company/ organization confirms the dates with the Training and Placement Officer of D.U.I.E.T.
- Companies come down to the campus on the allotted date/s and conduct PPT /tests and/or interviews according to their recruitment process.
- The company/ organization is required to furnish the final list of selected students on the same day of campus visit.
- The company should hand over the duly signed copy of the final selection list to the training & placement cell.
- In case the company is unable to declare the result on the same day, then the student is allowed to participate in other companies & the final status will depend upon who declares the result first.
- The purview of the Training & Placement Cell is restricted only to the offers made as part of the campus placement process.
- The company/organization shall provide the offer letters to the Training & Placement office and not directly to the students.

## **Student Eligibility:**

All registered students graduating from the institute (D.U.I.E.T.) are eligible to participate in the placement activities.

A student can participate in the placement process of a company or organization subject to the following conditions:

- The D.U.I.E.T. office has confirmed his/her registration.
- He/ She meets the requirements/eligibility criteria specified
- By the company and
- By the placement policy.
- Once a student is selected/ made an offer by Government Organization or PSUs, he/she is out of the campus placement process.

# PAST RECRUITERS AND TRAINERS



HINDUSTAN  
STEELS & TUBES



HCL



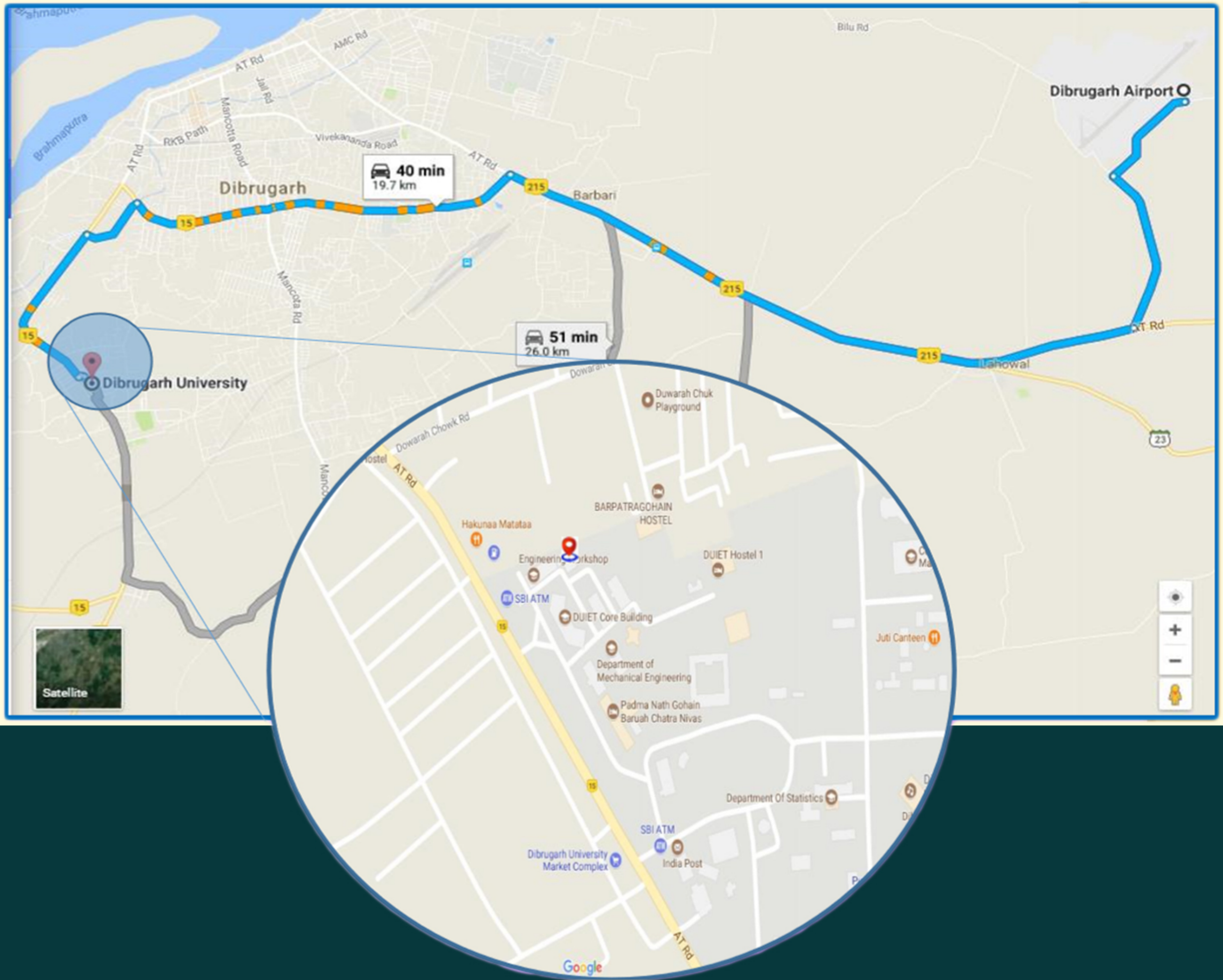
PIONEER  
NATURAL RESOURCES



ESSAR



# GETTING HERE



The nearest Airport is located at Mohanbari at a distance of 15 Kms.



Dibrugarh is situated at a distance of 437 Kms from Guwahati and it takes approximately 8 Hours by Road. The National Highway No. 37 passes through the University Campus.



The nearest Railway Station is located at a mere distance of 5 Kms.



## TRAINING AND PLACEMENT CELL, DIBRUGARH UNIVERSITY

The Training & Placement cell, DU is equipped with separate office room, computing facility and well furnished separate interview room and conference hall etc. to cater to the various departments of the University. This cell endeavours to provide placement assistance to the final semester students who are pursuing different courses of studies in the University. The cell also strives to promote strong network with corporate organizations and other external agencies for maximising opportunities for the students of the University.

### CONTACT US:

**Monuj Tamuli**

Training & Placement Officer

Dibrugarh University

Mobile: 8011050097, Fixed Line: 0373 2370053

### EMAIL ID:

[monujtamuli@gmail.com](mailto:monujtamuli@gmail.com)

[monujtamuli@dibru.ac.in](mailto:monujtamuli@dibru.ac.in)

## TRAINING AND PLACEMENT CELL, DUIET


**Kaushik Das**

Training and Placement officer, DUIET

 9864675792

**Prasenjit Talukdar**

Associate Training and Placement Officer, DUIET

 7002838515

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