

An Institute of National Importance



PLACEMENT BROCHURE

NIT
ARUNACHAL PRADESH

2022-23



WELCOME
TO
NATIONAL INSTITUTE OF TECHNOLOGY
JOTE, ARUNACHAL PRADESH



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DIRECTOR'S DESK



“ The quality and potentiality of an educational institute depends on few things like quality of students, potentiality of teachers, and availability of infrastructure and practice of innovation. The potentiality of our faculty members is immensely high as indexed by their high quality publications and research works. The faculty members have acquired qualifications from leading National and International Universities and Institutes.

We have developed a good number of modern state of art laboratories under all departments and our campus fully Wi-Fi connected providing our students tools to excel in this highly competitive and fast advancing world.

It is a matter of pride to write a few lines for the brochure being published by Training & Placement Cell of the institute in the year 2022-23 and it gives me immense pleasure to mention that the Institute has secured 160th rank in the National Institutional Ranking Framework(NIRF) in the year 2021. In my opinion, the National Institute of Technology Arunachal Pradesh being an Institute of National Importance by an Act of Parliament and being established by the Ministry of Human Resource Development, Govt. of India does not require any further introduction.”

- Professor Pinakeswar Mahanta

ABOUT ARUNACHAL PRADESH

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ZIRO VALLEY



GOLDEN PAGODA



SELA PASS



TAWANG MONASTERY

Literally "Arunachal Pradesh" means "Land of the Rising Sun" as the first ray of morning sun that touches down upon India lights up this distant state first. Over 80 percent of the land of enchanting beauty is covered with thick evergreen forests. It is a fabulous destination for Adventure Tourism. Like other part of NorthEast India, a majority of the people native to the state are of Mongoloid stock & speak Tibeto-Burman group of languages.

It has the highest diversity of mammals in the country. It is also known as "Orchid State of India" or "Paradise of the Botanists" & is host to one of Asia's largest Orchid rum. At most every district in this beautiful state has its own exclusive & rare variety of Orchids.

ABOUT NIT ARUNACHAL PRADESH



National Institute of Technology Arunachal Pradesh has established itself as one of the most Premier Institutes of India. It has a diverse alumni network working in various fields with great achievements. Established in 2010 under the NIT Act by MHRD presently known as Ministry of Education (Shiksha Mantralaya), Govt Of India, NIT Arunachal Pradesh is an Institute Of National Importance where students are equipped with innovative skills and leadership qualities which ultimately help them to steer the world in the direction of growth and sheer development.

- NIT Arunachal Pradesh has secured 160th rank in NIRF-2021.
- It has secured 4th rank among all the NITs in ARIIA Rankings 2020.
- It has been placed in band A (rank between 11- 25) in ARIIA Rankings 2020 among the category of Institute of National Importance, Central Universities & CFTIs.

ABOUT NIT ARUNACHAL PRADESH



VISION

To transform into an acclaimed institution of higher learning with creation of an impact on the north eastern region in terms of innovation and entrepreneurship.

MISSION

- To generate new knowledge through state of the art academic program and research in multidisciplinary field.
- To identify regional, Indian and global need to serve the society better.
- To create an ambience to flourish new ideas, research and academic excellence to produce new leaders and innovators.
- To collaborate with other academic research institutes and industries for wholistic growth of the students.
- Utilization of available big resources to encourage entrepreneurship through formation of startups.

WHY RECRUIT FROM NIT AP?

ACADEMICS AMONGST COVID

Despite the impact of the pandemic globally, NIT Arunachal Pradesh has come up with various advanced measures to continue their academic activities and didn't let COVID impact their student's education and their physical and mental health. NIT Arunachal Pradesh has come up with Moodle platform to carry out all the regular academic activities such as online classes (via Bigblue button equipped with presentation mode as well as blackboard like portal for ease in teaching), quizzes, assignment submission, semester examinations, provision of notes and attendance portal.

INTERNSHIP & TRAINING

Internship Programme for UG students is compulsory in industry/institute of repute. Students are given following facilities to promote their career:

- 1) GATE Training
- 2) Employability Skill Training

INDUSTRIAL EXPOSURE

Industrial training and internships are also a part of our curriculum and regular training and workshops are conducted by various field experts to have a good exposure and build in depth technical skills among students.

WHY RECRUIT FROM NIT AP ?

HUMANITIES BLEND

Every course takes into account considerable humanities element which is much required to make the students more than just engineers and make sure that they are enabled to see beyond numbers.

LONG HOURS WORKING CAPACITY

Students here undergo more than fifty subjects in eight semesters which ensure high agility and longer working capacity given they can endure and successfully meet the expectations here.

RESEARCH ORIENTED TEACHING

Best understanding comes from best research and vice versa. Hence, research is implemented as a part of curriculum in the institute. As a result, a good number of research papers have been published by our students in leading journals and magazines.

NCC & NSS TRAINING

A considerable number of students take up NCC/NSS training during their study ensuring that the students are groomed to become not just good Engineers but also better citizens of the Nation.

START-UP CELL and INNOVATION CENTRE: PRAKOUSOL

Start-Up Cell is meant for nurturing the potential start-up ideas that will cater to the need of both tech and non-tech solutions to various social, economic and industrial problems of the Nation. NIT AP has established an Innovation Centre in 2019 supported by TEQIP-III and together we call Prakousol. Our plan is to create a facility, where students of any branches can avail tools and types of equipment to have a hands-on experiment to realize their innovative ideas.

A few ongoing projects are:-

- Studies on structure of enzymes and their interaction with nanostructured materials for bioelectronics devices & other applications.
- Small-scale Anaerobic Digestion' under the "Rural Hybrid Energy-Enterprise Systems {RHEES}", Indo - UK Collaborative Research Initiative on 'Bridging the Urban and Rural Divide.
- Pulsed ultrasound assisted thermo-therapy for subsurface tumor ablation: A Numerical Investigation.
- Feasibility Investigation of Adsorptive Removal of NH_4^+ and NO_3^- Species from Clayey Aquifer using Special Soils.
- Finite difference computation of free magneto-convective Powell-Eyring nano fluid flow over a permeable cylinder with variable thermal conductivity.
- Selection Combining-based Packet Combining Schemes for Multi-path Diversity System.

ACHIEVEMENTS FROM OUR ALUMNIS

Many of our alumni have brought laurels to our institute through their achievements at national level and made us extremely proud. We are extremely elated to mention some of the recent achievements of our alumni.



Ms. Yashni Nagarajan
Dept. of EE (2010-2014)
AIR 57th in UPSC
Civil Service Examination 2019



Mr. Vinayak Keshav Doifode
Dept. of BT (2016-2020) AIR
7th in GATE Biotechnology
2021

ADMISSION PROCEDURE



All the admissions are subject to highly organized and extremely competitive entrance examinations. Only the students having advanced quantitative and analytical calibre along with the zeal to put in efforts are selected. Personal interviews are also conducted for admission in Post graduate and Doctoral Programmes.

The exams are conducted on all India basis and are enlisted below:

- JEE (Joint Entrance Examination)
- GATE (Graduate Aptitude Test for Engineering)
- Admission to Doctoral Programme (Ph.D.)
- JAM (Joint Admission Test for M.Sc.)



ACADEMIC PROGRAMS



BACHELOR OF TECHNOLOGY

The B.Tech programme in NITAP offers Major degrees in the following graduate courses:

- Civil Engineering
- Computer Science and Engineering
- Electronics and Communication Engineering
- Electrical Engineering
- Mechanical Engineering

POSTGRADUATE PROGRAMMES

- Computer Science and Engineering
- Renewable Energy and Energy Management
- VLSI and Embedded System
- Fluids and Thermal Engineering
- Innovation and Entrepreneurship

DOCTORAL PROGRAMMES

- Ph.D. in various disciplines



DEPARTMENTS

CIVIL ENGINEERING

The Department of Civil Engineering started in the year 2013 with an annual intake of 30 students. Civil engineering is mother of all engineering discipline that deals with the design, construction, and maintenance of the physical and natural built environment, including works like roads, bridges, canals, dams, and buildings. Civil engineering is one of the oldest engineering disciplines.



COMPUTER SCIENCE AND ENGINEERING

Computer Science & Engineering is a multidisciplinary branch of engineering which integrate several fields. The Department of Computer science & Engineering was established right from the inception of the institute in 2010. The Department offers a 4-year degree program(B.Tech) in Computer Science & Engineering with an annual intake of 40 students. The department also runs two Post Graduate(M. Tech) programme in Mobile Communication and Computing from 2013 and the other in Computer Science and Engineering from 2015 with an annual intake of 20 each. The department also started Ph.D Programme





DEPARTMENTS

ELECTRICS AND COMMUNICATION ENGINEERING

The Department of Electronic and Communication Engineering was established right from the inception of the Institute in 2010. The Department offer a 4-year degree program(B.Tech) in Electronics and Communication Engineering with an annual intake of 30 students. The Department added two PG programme in VLSI & Embedded system (earlier VLSI) and Electronics Design and Manufacturing(discontinued) from 2014 and 2013 respectively with an annual intake of 20 students each. The



ELECTRICAL ENGINEERING

The Department of Electrical & Electronics Engineering was established right from the inception of the institute in 2010 with an annual intake of 30 students. It is renamed as the Department of Electrical Engineering in 2013-14 with the approval of Senate. The department now runs B.Tech in Electrical Engineering and M.Tech in Renewable Energy and Energy Management(REEM).



DEPARTMENTS



MECHANICAL ENGINEERING

The Department of Mechanical Engineering at National Institute of Technology, Arunachal Pradesh was established in August 2013. The department offers four-year degree B.Tech in Mechanical Engineering with an annual intake of 40 students. The Department added PG programme (2 years M.Tech.) in Fluids and Thermal Engineering with an intake of 20 students from July 2019 and has also initiated research programme leading to Ph.D from 2015-16.



MANAGEMENT AND HUMANITIES

The Department of Managements and Humanities(M&H) was established as full-fledged department in the year of 2014. Before that, Humanities had been established with the Department of Basic Sciences and Humanities right from the inception of the Institute in 2010. During 2014, Humanities was separated and merged with Management. M&H specializes various management and humanities areas such as Entrepreneurship, Engineering Ethics, Finance, HRM, Linguistics and Communication Skills.



ADDOVEDI - THE ANNUAL TECHFEST



In the heart of NIT Arunachal Pradesh lies a festival that pushes them to get creative and bring the pen and paper projects to a reality. Imaginative designs that the student mind conjure up to the event that enthral festival of NIT Arunachal Pradesh has always brought together the brightest minds in technology and over engineering the year.

ATULYAM - THE ANNUAL CULTURAL FEST



Our endeavour is to start an odyssey which will inculcate in us the zeal and spirit to embrace the galaxy of brilliance in our midst and will lead us all to the fame and glory. ATULYAM is one of the esteemed annual cultural fest in north east. It has entertainment, fun, integrated with awareness and responsibility creating a holistic and magical environment.



CAD & SIMULATION LAB



COMPUTER INTEGRATED LAB



DYNAMICS LAB



ADVANCED MANUFACTURING LAB



CIF (CENTRAL INSTRUMENTAL FACILITY)



CLASSROOM

Apart from these we have full fledged Central Library, Shopping Complex Cafeteria, Transport Unit, Digiset and the most important of all, the medical unit

TRAINING AND PLACEMENT



The Training and Placement Cell is the marketing division of the institute. Over the years, the department has been acting as an interface between institute and companies, maintaining symbiotic, vibrant and purposeful relationships with industries across the country.

As a result, it has built up an impressive placement record both in terms of percentage of students placed as well as number of companies visiting the campus. The department hosts companies on campus and ensures that every aspirant is assured of a bright career of their choice.

CAMPUS RECRUITMENT PROCESS

1 Invitation: The Placement Office of NIT Arunachal Pradesh sends invitation to the companies along with UG and PG brochures with all relevant information through mail.



2 Revert with Response: Interested companies may contact Training and Placement Cell.



3 Notification to Students:

The companies will be given Job Notification Form (JNF) for each profile and fill all details within a stipulated time period after which students shall view relevant parts of the information and eligible students may apply.



4 PPT and Placement Process:

The Training and Placement Department will provide audio-visual requirements such as laptops and LCD projectors for Pre-Placement Talks before the placement procedure begins. Pre-Placement Talk is followed by the placement process as per the company's requirements.



5 Results and Offer Letters:

After the application deadline for students the JNF along with the resumes will be sent to the company. The company must submit the list of candidates eligible for PPT/ Test/ Group Discussion /Personal Interviews within a stipulated time period.



OUR PAST RECRUITERS

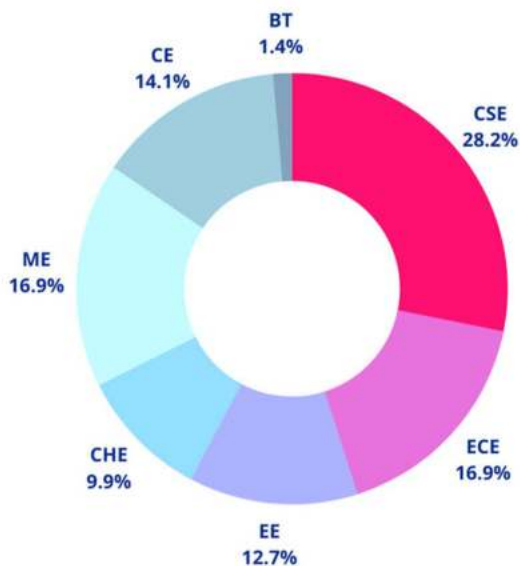


PLACEMENT RECORD FOR THE YEAR 2021-2022

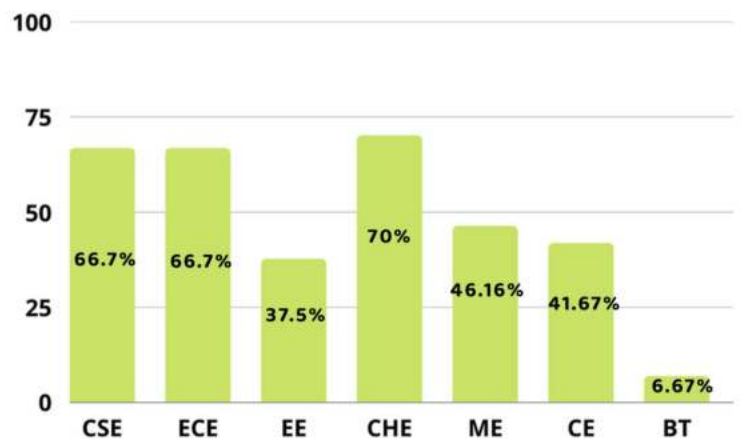
Total no. of students	147
Total no. students of appeared for interview	124
Total no. of students placed	71
Total no. of job offered	116
Percentage of Placements	48.3
Percentage of Job offered	78.92



PLACEMENT PERCENTAGE



STUDENT DISTRIBUTION

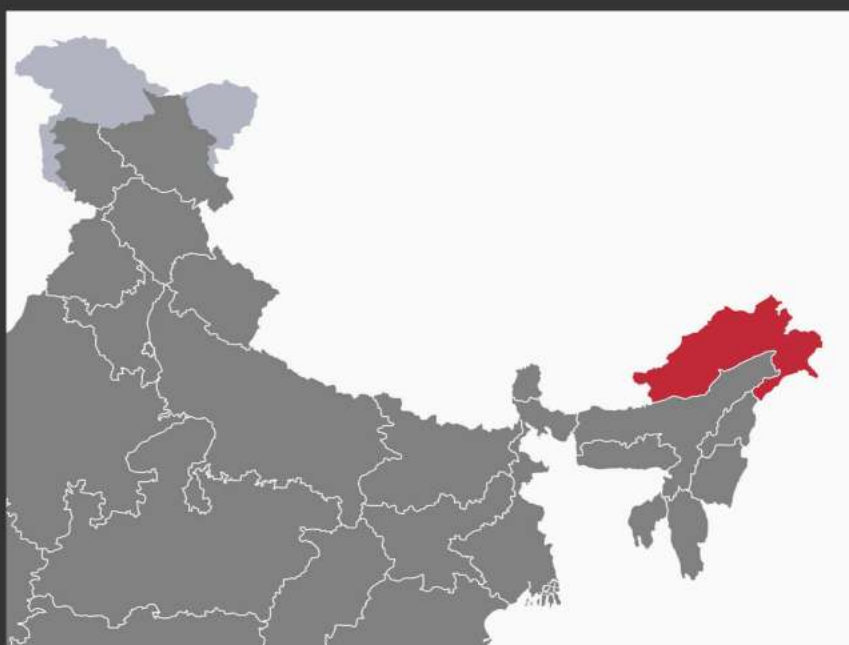


BRANCH WISE PLACEMENT PERCENTAGE

Rail Link: The nearest railway station is Naharlagun. The another nearest railway station is at Guwahati. Taxi for Jote and share Auto service are also available at Naharlagun City or Naharlagun Railway Station.

From	To	Train Name	Train No.	Source Departure	Destination Arrival	Travel Time
Tinsukia	Naharlagun	TSK Naharlagun Express	15907	16:00	21:20	5hrs 20 mins
Tinsukia	Naharlagun	TSK Naharlagun Express	15911	18:45	00:15	5hrs 30 mins
Guwahati	Naharlagun	Satabdi Express	12088	15:20	21:40	6hrs 30 mins
Dibrugarh	Naharlagun	Dbrg NhlN Spl	05907	11:30	18:45	7hrs 15 mins
Guwahati	Naharlagun	Donyi Polo Express	15617	21:20	04:55	7hrs 35 mins
Anand Vihar Trm	Naharlagun	Arunachal AC Express	02412	16:45	06:40	37hrs55 mins
Anand Vihar Trm	Naharlagun	Arunachal Express	22142	16:45	06:55	38hrs 5 mins

Air Link: The nearest Airport is Lilabari (North Lakhimpur) and Guwahati Airport in Assam. The flight services for Lilabari Airport is available on Monday, Wednesday, Friday and Sunday. The helicopter service from Guwahati to Naharlagun is daily available except on Sunday.



MESSAGE FROM PROFFESOR IN-CHARGE

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Dr. S.K Chakraborty



Dr. Shubhajit Das

Dear Recruiters, It gives us immense pleasure to extend to you a most cordial invitation to participate in the Campus Recruitment programme of our Institute. The National Institute of Technology, Arunachal Pradesh was inaugurated on 18 August 2010 as a member of a group of ten new NITs. However, in a very short span of about 10 years, NIT Arunachal Pradesh has turned into a center of excellence in technical education to combat the growing need of technology professionals in India as well as in the World.

Our students have continuously been able to excel not only in their fields of study but also in co-curricular activities. Training and Placement cell of NIT Arunachal Pradesh give support for the Undergraduate students to undergo an eight-week training/internship in reputed organizations during the summer vacation in partial fulfillment of the requirements of their B.Tech. curriculum. The Alumni of our institute are showing distinction in their respective positions .

MESSAGE FROM PROFFESOR IN-CHARGE

Training & Placement Cell of NIT Arunachal Pradesh has the required infrastructure like seminar hall, video conferencing facility, and excellent accommodation arrangement etc. to organize campus placement activities. We invite esteemed organizations to visit our campus for recruitment. Your visit shall provide a platform to utilize the technical knowledge and motivated young talent of our students establishing a synergetic interface. Besides, we also invite the companies to take our third-year undergraduate students for summer training/internship.

The Institute has a high quality flexible and dynamic curriculum as per the requirements of present-day globalized and highly networked industries and society. Our versatile students participate and organize various technical, cultural, sports and literary activities throughout the year.

We earnestly invite the prospective industries and organizations to stopover our institute and experience the talent of our nurtured, energetic, hardworking young students. We also request you to provide them an opportunity to grow under your leadership through fruitful contribution in your esteem organization.

It would be our proud privilege to welcome you in conducting campus placement for the academic year 2022-23. We lookforward to a long term positive and mutually beneficial relationship with your organization

Professor In-Charge, Training and Placement

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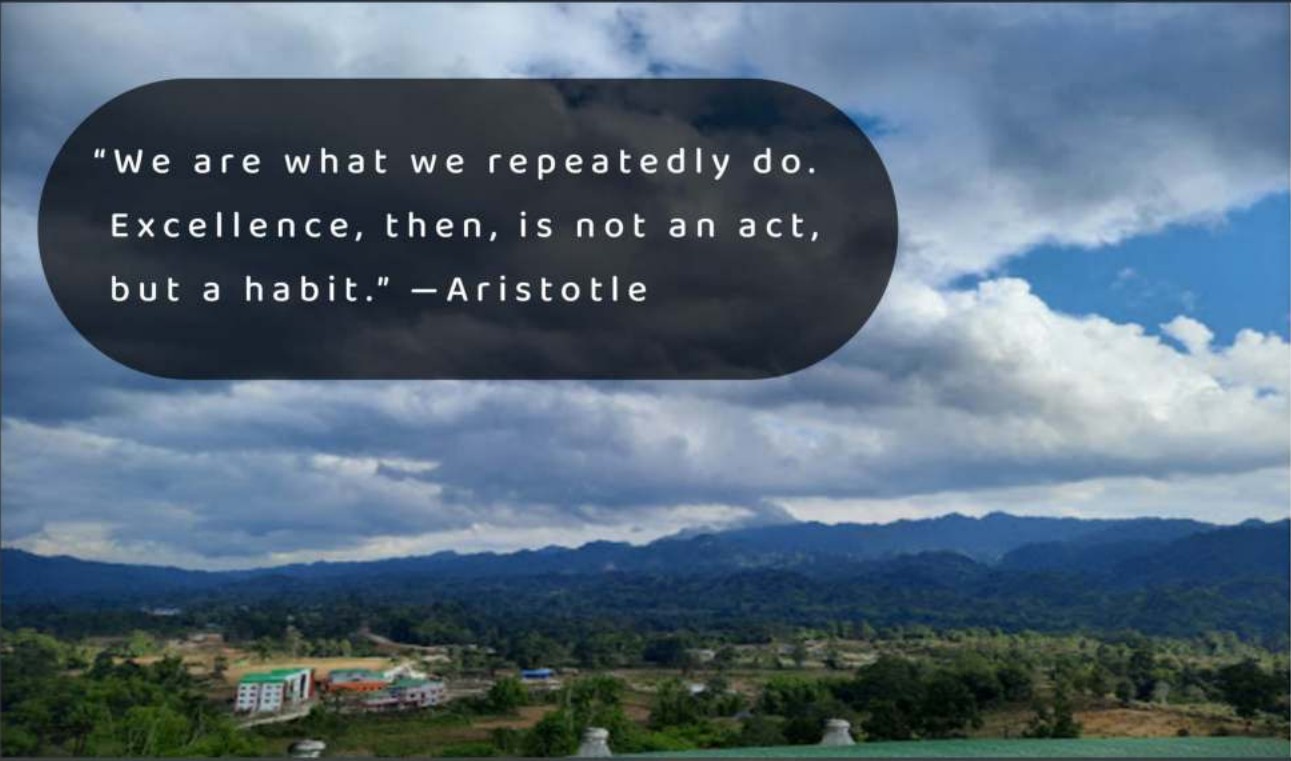
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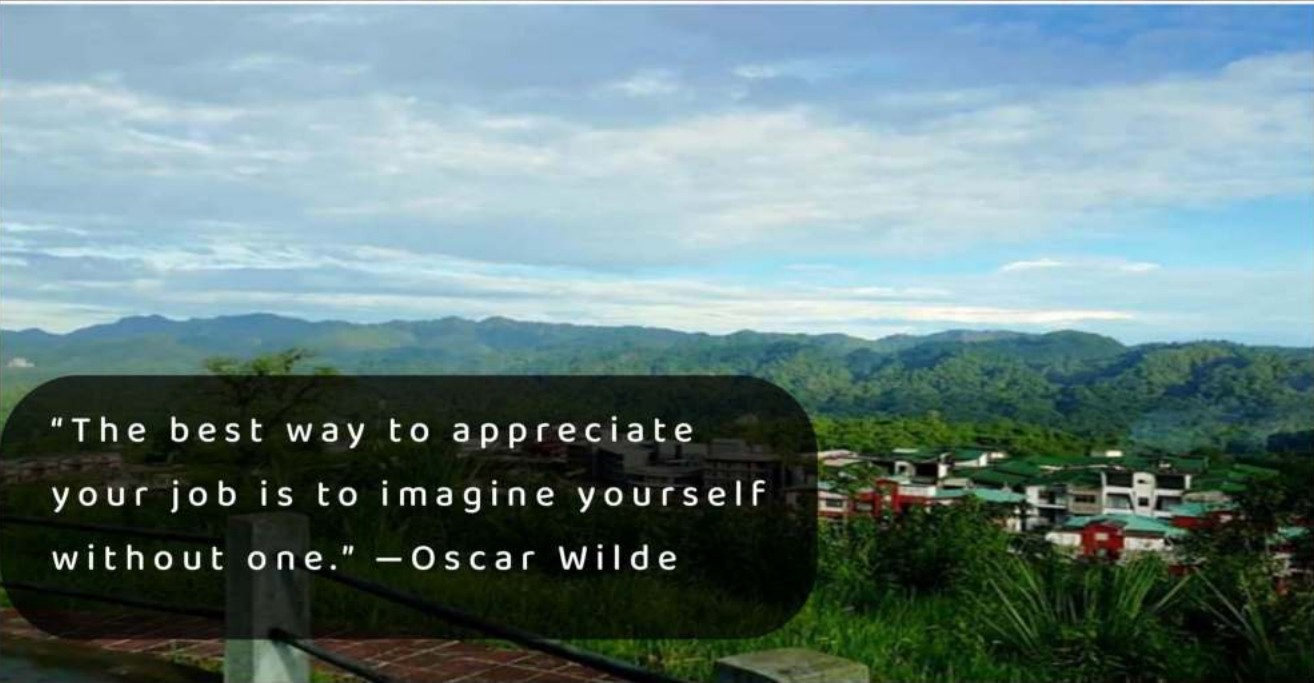


"We are what we repeatedly do.
Excellence, then, is not an act,
but a habit." —Aristotle



"Opportunity is missed by most
people because it is dressed in
overalls and looks like work."

—Thomas Edison



"The best way to appreciate
your job is to imagine yourself
without one." —Oscar Wilde