

AmbujaNeotia

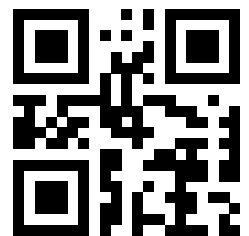
**THE NEOTIA  
UNIVERSITY**

ज्ञानम् आत्म प्रदीपाय

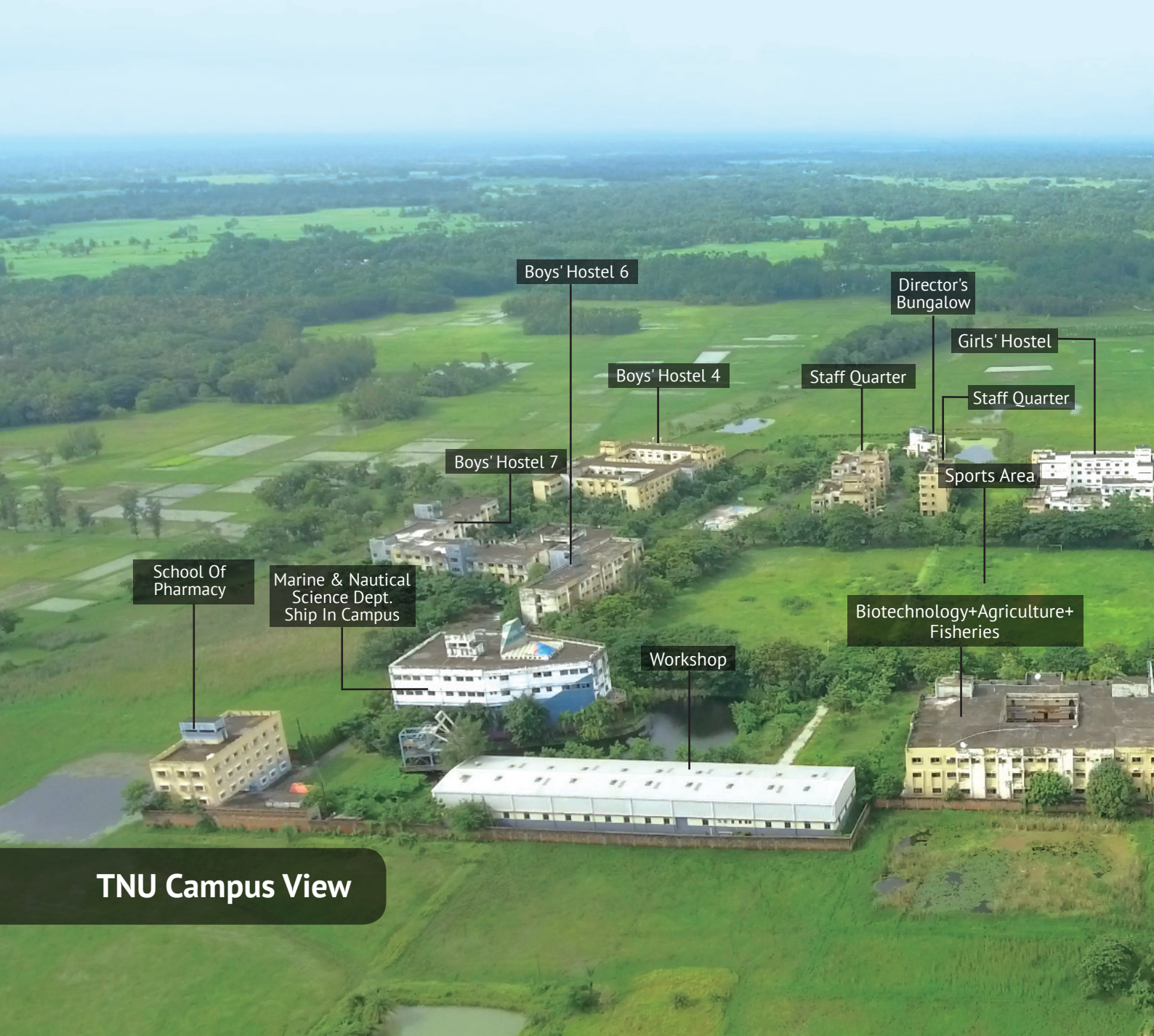
UGC Enlisted & Recognised



**Admission Brochure**  
[www.tnu.in](http://www.tnu.in)







## TNU Campus View

02 | Chancellor's  
Message

03 | Vice  
Chancellor's  
Message

04 | Governing  
Board

10 | Courses  
Offered

12 | Industry Partners  
+ International  
Collaborations

13 | Choice Based  
Credit System  
(CBCS)

56 | Alumni

57 | Awards, Grants &  
Publications

58 | Student  
Testimonials





## VISION

Imparting education that prepares students to be leaders of the emerging global economy.

## MISSION

To ensure industry participation to make the education contemporary and experiential.

Design and deliver education programs to help work force stay current with their knowledge and skills for career advancement.

Groom students to take up leadership positions in their chosen walks of life through holistic development.

Use research and development for improvement of productivity and life.

06 University Overview

08 Admission Process

09 Scholarships & Financial Aid

50 Internship & Placement

52 Infrastructure Facilities

54 Life at Campus

59 National & International Conferences, Workshops, Seminars & Webinars

# CHANCELLOR'S MESSAGE



*At TNU we are ensuring that education provided is contemporary to help the young work force of our country remain relevant in future with their knowledge and skill.*

My family has played a leading role in Eastern India in the fields of realty, hospitality and healthcare. My foray into education has been a natural corollary to this process. I believe that some of the best talents already exist here and it only requires to be channelized to become the leaders in various fields of industry and society at large.

At The Neotia University (TNU) we are ensuring that education provided is contemporary to help the young work force of our country remain relevant in future with their knowledge and skill. With this in mind, we have brought in Robotics and Automation Engineering, Computer Science and Engineering with specialization in Cyber Security/ Data Science/ AI&ML, and Masters in Applied Sciences. We have also courses under Maritime Studies, Agriculture and Allied Sciences, Health Sciences, Pharmacy, Hospitality and Culinary Art, Legal Studies, and Humanities to fill in the gaps in defined job profiles for the students of Eastern India.

Our Goal is to attain holistic development of our students by ensuring that the education provided is experiential through partnership with industries and other academic institutes.

Going forward, to harness the best talents is our ulterior motive, to live up to our commitments, achieve high quality standards and innovate ourselves time to time for holistic solutions to the people's needs while upholding the highest standards of trust, integrity, service and corporate social responsibility.

Our vision is to ensure that our alumnae emerge as ethical, intellectual and professional Leaders to our society and country. Leaders who will show the way to a better world where, as Rabindranath Tagore has aptly said, "the mind is without fear and the head is held high..."

I invite you to experience TNU.

Warm Regards

**Mr. Harshavardhan Neotia**  
**Chancellor - The Neotia University**



# VICE CHANCELLOR'S MESSAGE



*Modern IT technologies such as educational analytics and virtual classrooms are employed so that students can learn from the best available faculty irrespective of their geographic location.*

The objectives of The Neotia University is to develop 'Universal Knowledge'. Exploration of knowledge originates through proper education. We at The Neotia University (TNU) endeavour to provide holistic education relevant and required for the 21st century and beyond by perfecting and building up the mind of students.

We have some of the best faculty members as well as research labs, some of which are funded by the DST and DBT. The University has introduced Choice Based Credit System (CBCS) for allowing the students to explore themselves beyond their conventional degree programs. In addition to these, the students are encouraged in developing their physical and emotional fitness in enhancing concentration of their mind to build up personality.

TNU provides Research & Development facilities to the Undergraduate, Post- Graduate & Research Scholars. The State-of-the-art facility provided at the campus with its high- ended laboratories not only helps students to facilitate the idea of starting a new career option but also helps to live their dreams by giving them new career opportunities.

With the down trend of the Pandemic situation currently, TNU has been able to again switch-over from Online Classroom mode to Offline- Classroom mode in no time. We are happy to see students enjoying Campus Life & Classroom Interaction mode studies. The Full- house participation in every classroom is a leading example of it.

On behalf of the University, I am inviting the Parents and Students to experience TNU.

Warm Regards

**Prof. (Dr.) Biswajit Ghosh**  
**Vice Chancellor - The Neotia University**

# GOVERNING BOARD



## **Mr. Harshavardhan Neotia**

- He is currently Chairman - Ambuja Neotia Group. The Group operates across five business verticals: Real Estate - covering the entire gamut of housing, retail and commercial spaces, Hospitality - including hotels, resorts, clubs and restaurants, Healthcare with multispecialty hospitals, Education, and Startup Incubation
- His work in social housing earned Harsh Neotia the honour of being conferred with Padma Shri from the hon'ble President of India in 1999
- He is also a recipient of the YPO Legacy of Honour Award
- He was recently conferred the D.Litt. (Honoris Causa) by Vidyasagar University, West Bengal
- He is an active member and past president of FICCI and AIMA
- He is presently member of India Brand Equity Foundation (IBEF) Trust, Indira Gandhi National Centre for the Arts (IGNCA), and Chairman of National Institute of Technical Teachers' Training & Research (NITTTR)
- He has also formerly been on the board of IIM Kolkata, IIT Kharagpur, and a member of The Court of Jawaharlal Nehru University



## **Prof. (Dr.) Biswajit Ghosh**

- Vice Chancellor, The Neotia University
- Former Professor of Energy Science & Technology and CSIR Emeritus Scientist at Jadavpur University
- International Solar Energy Society identified as one of 'Pioneer Solar Energy Researcher' of the World
- Government of West Bengal honoured with 'Sikharatna', the 'Outstanding Teacher'
- National Institute of Technology, Agartala, honoured with D.Sc. for his outstanding contributions in Science, Engineering and Education.
- Former postdoctoral researcher at Stuttgart University, Germany
- Former Fellow of European Commission and Visiting Reader at Northumbria University at Newcastle,
- Academic Visitor at Imperial College, London
- Former Royal Society Overseas Scientist at University of Surrey, Guildford, UK
- Former Visiting Professor as well as Leverhulme Visiting Professor at Newcastle University, Newcastle, UK
- Former Advisor 'Energy & Climate Change' of United Nation Industrial Development Organization (UNIDO)



## **Mr. M. K. Narayanan**

- Former Governor of West Bengal.
- Former Senior Advisor and National Security Advisor to the Prime Minister of India.
- Former Director, Intelligence Bureau.
- Led India in Institutionalised Security and Strategic Dialogues with several countries across the globe.
- Played a significant role in the negotiation of the landmark Indo-US Nuclear Agreement.
- Currently, Executive Chairman of CyQureX Systems Pvt. Ltd., a UK-US Cyber Security joint venture



## **Prof. (Dr.) Sushil Kumar Kothari**

- Professor & Dean - School of Agriculture & Allied Science at The Neotia University
- Has more than 35 years of Academic, Research and Development expertise in Agriculture (including 14 years as Director/Consultant in corporate sector)
- Former Director of Roshini Group of Companies, CTO of Roshini International Bio-Energy Corporation and Scientist at CSIR- CIMAP, Lucknow
- A DAAD fellow (German Academic Exchange Service, Bonn), he studied at Institute of Plant Nutrition, University of Hohenheim, Stuttgart (post doc), Indian Agriculture Research Institute, New Delhi (Ph.D. Agronomy)
- He has done his research work on the development of agro-technologies of Medicinal, Aromatic and Bio-fuel crops
- He has 87 publications in peer reviewed national and international journals



## **Prof. Anuradha Lohia**

- Vice Chancellor, Presidency University
- Senior Professor, Department of Biochemistry, Bose Institute, Kolkata
- Visiting Professor & Scientist to a large number of Universities in UK & USA including Stanford University
- CEO, Welcome Trust/DBT India Alliance, Hyderabad
- Elected fellow of Indian Academy of Sciences
- Member of large number of National & International Committees



**Mr. Sanjay Mitra**

- Present Professor of Practice in the school of Public Policy, IIT Delhi.
- Present member, Supreme Court Committee on Road Safety.
- Present, Visiting professor Public Policy & Management group, IIM Kolkata.
- Present, Honorary distinguished fellow, TERI, New Delhi.
- Former IAS Officer
- Defence Secretary- GOI- 2017-2019
- Secretary to GOI, Ministry of Road Transport & Highways -2016-2017
- Chief Secretary, West Bengal & Cabinet Secretary- Oct 2012-Dec-2015
- Principal Secretary, Health & FamilyWelfare,WB- Jul 2011-Oct 2012
- Joint Secretary to PM- Nov-2004-Jul-2011.
- 1st CEO, of New Town, Kolkata Project

**Pt. Vijay Kichlu**

- Bestowed with the Civilian Award Padmashri by Government of India in 2018
- Sangeet Natak Akademy Ratna and Fellowship Award 2014 given by the President of India
- Founding Director Sangeet Reserch Academy, ITC Limited
- Leading Vocalist - Agra Gharana
- Public Performances of classical vocal music all over India, USA, Canada, Europe, Middle East, Phillipines, Bangladesh, Pakistan etc
- Honorary Citizenship, State of Maryland and City of Baltimore, US

**Mr. S. K. Misra**

- Padma Bhushan in 2009
- Registrar and acting Vice Chancellor, Punjab Agricultural University in Ludhiana and Key member in establishing Motilal Nehru School of Sports at Rai (Sonapat)
- Former Principal Secretary, Prime Minister of India
- Former Secretary, Ministries of Tourism, Civil Aviation and Agriculture
- Former Director General, Festivals of India
- Former Chairman, INTACH
- Founder, Indian Trust for Rural Heritage and Development

**Prof. Subha Sankar Sarkar**

- Vice Chancellor, Netaji Subhas Open University
- Former Director of Public Instructions (WB) & Ex-officio Secretary, Higher Education Department, Govt. of West Bengal
- Former Professor of Geology, Durgapur Govt. College
- Member Advisory Committee of Higher Education, Govt. of West Bengal
- Member of large number of committees, Govt. of West Bengal

**Mr. Sanjay Sethia**

- Founder, CEO & Managing Director - Spectra Fashions
- Managing Garment Manufacturing and their Export for over 20 years.
- Developed a great deal of expertise and trustworthy relationship with suppliers and clients alike both within India and Internationally.
- Active member of various trade bodies and associations

**Mr. Rupam Ghosh**

- Deputy Director- School of Hospitality & Culinary Arts- The Neotia University
- Former Vice Principal-SRM IHM
- Former Principal- Golden Regency Institute of Hospitality Management
- Former- Manager- L & D(Mahindra Holidays & Resort India LTD)
- Alumni of IHM Kolkata (National Council)
- Alumni Of Annamalai University-( MBA)

**Ms. Madhu Neotia**

- Advisor to Ambuja Neotia Group's Hospitality & Healthcare Ventures
- Trustee of Performing Arts Institute, Padatik
- Chairperson - BOG IICD, Jaipur
- Member of the Board of Regional Committee of ICCR, Kolkata
- Former President of Ladies Study Group, an affiliate of Indian Chamber of Commerce

**Mr. Pradip Jyoti Agrawal**

- Advisor to the Chairman, Ambuja Neotia Group
- Chartered Accountant
- Strategic thought leader, Ambuja Neotia Group
- Spearheaded various group initiatives
- Former Chief Executive, Ganpati Greenfields Ltd; Led the Raichak project
- In charge of the education vertical of Ambuja Neotia Group

# UNIVERSITY OVERVIEW

## Approval and Recognitions



विश्वविद्यालय अनुदान आयोग  
University Grants Commission  
quality higher education for all



DIRECTORATE GENERAL OF SHIPPING, INDIA



BAR COUNCIL OF INDIA



PHARMACY COUNCIL OF INDIA  
A statutory body under the Ministry of Health & Family Welfare  
Govt. of India



## About Us

- The Neotia University (TNU) is an initiative by the AmbujaNeotia Group that is headquartered in Kolkata. This dynamic endeavor of AmbujaNeotia Group is led by our Chancellor Mr. Harshavanrdhan Neotia. The Neotia University was established vide the West Bengal State Government University Act XXIII of 2014 and enlisted & recognized by University Grant Commission (UGC), Govt. of India.
- TNU Provides multidisciplinary courses with specializations which are designed to ensure that students have the required subject & practical skills & knowledge that will ensure their leadership for jobs and self-employment.
- TNU offers various Undergraduate, Postgraduate and Doctorate Programmes in Science & Technology, Maritime Studies, Agriculture & Allied Sciences, Hospitality Administration and Culinary Art, Pharmaceutical Science, Health Sciences, Humanities Management & Social Sciences and Legal Studies.
- TNU aims to attain holistic development of its students by ensuring that the education provided is contemporary and experiential through partnership with industries and other academic institutes.
- More than 3200 students on campus are drawn from India and Abroad and enjoy their University life in our fully Wi-Fi enabled 60 acre lush green campus with ample sports & co-curricular activities.

## Academics and Research

- A Continuous Evaluation System is followed to assess the students' performance throughout the duration of a course, and not just during semester examinations.
- The Curriculum for each Course is designed by the respective Expert Committees, consisting of Industry Experts and Academic Stalwarts from the particular field of study. For more information visit the course pages on the website at [www.tnu.in](http://www.tnu.in)
- Students are encouraged to Publish Articles in reputed Journals.
- Two types of Research Projects are undergoing at The Neotia University out of which 19 are University Funded Projects & 6 are Govt. Funded projects either in completed or progress mode

Few of the Govt. Projects are given below:

- The Neotia University (TNU) is in the DST, Govt. of India's Mission Innovation Program 'Integrated Clean Energy Material Acceleration Platform (IC-MAP)' (2021-22). TNU is assigned to develop the Novel Catalysts and Design Reaction Engineering in converting the syngas & bio-oil from biomass gasification into H<sub>2</sub>. To develop this, DST has sanctioned a sum of Rs. 64.5 Lakhs to TNU for three years of duration. The Project at TNU will be executed under the guidance & supervision of Prof.(Dr.) Biswajit Ghosh - Hon'ble Vice Chancellor - TNU.
- The Research Lab of the Biotechnology department received a grant of INR 23.20 Lacs funded by DST, Govt. of India, a project entitled Strategy Development for the Applications of Biofertilizers into the Soil to increase the Soil Fertility: An efficient way to substitute the hazardous chemical fertilizer application.
- The Research Lab of the Basic Science department is presently running a SERB-DST, Govt. of India sponsored project worth INR 36.33 Lacs entitled Dependence of Exchange Bias on Interparticle Interaction.



**Scholastic Building - III**

## Internship and Placements

- Pro-active Training and Placement Cell with focus on Internship and Placement.
- Internship programme and Industrial Training is mandatory and part of the Course Curriculum for all Undergraduate and Postgraduate Students. Along with Training, Experience Certificates are provided from top Corporate Houses, Research Institutes, Social Impact Groups and Health Care Organizations like Adani Power, Ambuja Neotia, Siemens, Alipore Court, Serum Institute of India Private Limited, NIMHANS, Manovikash, Inst. Of Psychiatry, Medical College, Apollo Gleneagles, NHPC, WABCO, Kuka Robotics, Indian Cyber Security Solutions, Indo-American Hybrid Seeds, Le Meridien, Hyatt Regency, Altair, Swisshotel, The Lalit Great Eastern, Novotel Hotel & Residences, MAYFAIR Hotels & Resorts etc.
- Students are provided with soft skill training and English language learning classes.

## Scholarships and Financial Aid

We believe that no student should be stopped from pursuing their passion or achieving their full potential because of financial difficulty. At TNU, we offer numerous merit-based as well as need-based scholarships **(25% to 100% on Tuition Fees)** to ensure that no student is left behind. There is no limit to the number of scholarships granted by the University and if a student is eligible as per the given criteria then he or she will get the **“Guaranteed Scholarship”**.

### **25% - 100% Scholarships on various categories on Tuition Fee.**

- Tejasvi Scholarship • Sarvodaya Scholarship
  - Mere Apne Scholarship • Sahodarya Scholarship
  - Gramotthan Scholarship • Sports Scholarship
  - Cultural Scholarship • Special Hill Students Scholarship
- **Tie up with Banks for Education Loans.**
  - **West Bengal Govt. Student Credit Card is accepted**

## Campus Facilities at a Glance

- 60 acres lush green Campus with full security & CCTV for 24 X 7
- Smart Classrooms, Language Lab, Mechanical Workshop, Ship-in-Campus, Bridge Simulator, Freefall boat, state-of-the-art Laboratories and many more
- Pro-active Training & Placement Cell with 100% focus on Employability
- Choice Based Credit Systems (CBCS) where in, students are empowered to choose various Elective Subjects along with Core Subjects
- Easy transfer of Credits to Foreign Universities
- 25% - 100% Scholarships on various categories on Tuition Fee
- Free Wi-Fi facility for all Faculty and Students for 24 hrs.
- 8000 sq.ft of reading area, 31000+ National and International books & Journals, 3 million e-books and research journals available in the Library. Study materials and books are issued from library without any extra cost
- Medical Insurance of Rs.50,000 for all individual students till the end of their courses
- Doctors on Campus with fully equipped Dispensary and Ambulance at all the time
- Various Students' Club to enhance talent in the areas of Technology, Sports, Music etc.
- Separate Residential Accommodation for Boys (1500+) and Girls (550+) students. More than 100 staff quarter inside the campus
- Gymnasium, Swimming Pool, Indoor & Outdoor Game facilities with Coach and Instructors available. Sports and Grooming facilities for Girl Students including mandatory Karate learning
- A.C Coach bus facility for Day Scholars from Kolkata and around

# ADMISSION PROCESS



## Submitting the Application Form Online at [www.tnu.in](http://www.tnu.in)

- Register yourself Online through the University website.
- Receive a link with Login ID & Password on your registered email ID.
- Complete Online Application Form available at Dashboard.
- Choose the option "Result awaited" while filling the form in the absence of the Qualifying exam scores.



## Admission Evaluation Process

- Admission will be based on merit of the marks secured in last qualifying Exams
- HS or Equivalent marks for Undergraduate Courses.
- Graduation Degree or Equivalent Exam Marks for Postgraduate Courses.
- Postgraduate Degree or Equivalent Exam Marks for Doctorate Courses.
- Admission in Postgraduate Program will be through Personal Interview.
- Admission in Doctorate Program will be as per guidelines of UGC.



## Secure Your Seat at The Neotia University(TNU)

- For Provisional Admission of UG & PG Courses:
  - Pay 46,000/- for B Pharm, BMLT & BRMIT(Radiology) courses.
  - For rest of the courses, pay 20,000/-.
- Final Admission will be granted on meeting eligibility criteria & verification of required uploaded documents and payment of remaining 1st semester fees.



TNU Students at Ambuja Neotia-Neotec Hub Incubation Program for Industrial Training



# SCHOLARSHIPS AND FINANCIAL AID

We believe that no student should be stopped from pursuing their passion or achieving their full potential because of financial difficulty. At TNU, we offer numerous merit-based as well as need-based scholarships **(25% to 100% on Tuition Fees)** to ensure that no student is left behind. There is no limit to the number of scholarships granted by the University and if a student is eligible as per the given criteria then he or she will get the **“Guaranteed Scholarship”**.

## Scholarship / Sponsorship Criteria for Students Admission in 2022-23 at TNU / NITMAS

SL. NO.	TYPES OF SCHOLARSHIP	H.S MARKS or JEE RANK		FINANCIAL CONDITION	SPORTS CHAMPIONSHIP	CULTURAL PARTICIPATION	% OF SCHOLARSHIP ON TUITION FEE
1	TEJASVI SCHOLARSHIP	> 95%	WBJEE WITHIN 2500/JEE MAIN WITHIN 10000	ANY	N.A.	N.A.	100%
		> 90 - 95%	WBJEE WITHIN 5000/JEE MAIN WITHIN 30000	- do -	- do -	- do -	75%
		>85 - 90%	WBJEE WITHIN 10000/JEE MAIN WITHIN 50000	- do -	- do -	- do -	50%
		>= 80 - 85%	WBJEE WITHIN 15000/JEE MAIN WITHIN 75000	- do -	- do -	- do -	25%
2	SPORTS SCHOLARSHIP	>= 60%	WBJEE WITHIN 20000/JEE MAIN WITHIN 100000	- do -	STATE / NATIONAL LEVEL PARTICIPANT / CHAMPION	- do -	25%
3	CULTURAL SCHOLARSHIP	>= 60%	WBJEE WITHIN 20000/JEE MAIN WITHIN 100000	- do -	N.A.	STATE/NATIONAL LEVEL PARTICIPANT / CHAMPION	25%
4	SARVODAYA SCHOLARSHIP (in the memory of Late Suresh Kumar Neotia)	>90%	Any Recognised Board / University	Yearly Family Income below 2.5 Lakhs **	- do -	N.A.	100%
		>85 - 90%	- do -	Yearly Family Income below 2.5 Lakhs **	- do -	- do -	75%
		>80 - 85%	- do -	Yearly Family Income below 2.5 Lakhs **	- do -	- do -	50%
		>= 60 to 80%	- do -	Yearly Family Income less than 2.5 Lakhs **	- do -	- do -	25%
5	MERE APNE SCHOLARSHIP (For Ambuja Neotia Group employees in the memory of Late Vinod Kumar Neotia)	>= 60%	- do -	Yearly Family Income less than 5 Lakhs **	- do -	- do -	50%
			- do -	Yearly Family Income more than 5 Lakhs **	- do -	- do -	25%
6	SAHODARYA SCHOLARSHIP (Siblings of all students - present or passed out)	>= 60%	- do -	ANY	- do -	- do -	25%
7	GRAMOTTHAN SCHOLARSHIP (Students from Gram Panchayat area of South 24 Parganas)	>70%	- do -	- do -	- do -	- do -	50%
		60 - 70%	- do -	- do -	- do -	- do -	25%
8	SPECIAL HILL STUDENTS SCHOLARSHIP (Students from GTA Area (W.B), North-East States, Nepal & Bhutan)	>70%	- do -	Yearly Family Income less than 5 Lakhs **	- do -	- do -	50%
		60 - 70%	- do -	Yearly Family Income less than 5 Lakhs **	- do -	- do -	25%

**Note:** Scholarship for International Students is Separate.

**\*\*Conditions Apply. For more details visit [www.tnu.in](http://www.tnu.in)**

# COURSES OFFERED

## School of Sciences & Technology



**B.Tech in Robotics and Automation**  
(4 Years)



**B.Tech in Computer Science and Engineering**  
with specialization in **Cyber Security**  
(4 Years)



**B.Tech in Computer Science and Engineering**  
with specialization in **Data Science**  
(4 Years)



**B.Tech in Computer Science and Engineering**  
with specialization in **AI & ML**  
(4 Years)



**B.Sc. (Hons.) in Biotechnology**  
(3 Years)



**M.Tech in Computer Science and Engineering**  
with specialization in **Cyber Security**  
(2 Years)



**M.Tech in Computer Science and Engineering**  
with specialization in **Data Science**  
(2 Years)



**M.Tech in Computer Science and Engineering**  
with specialization in **AI & ML**  
(2 Years)



**M.Sc. in Biotechnology**  
(2 Years)

## School of Pharmacy



**Bachelor of Pharmacy (B.Pharm)**  
(4 Years)

## School of Maritime Studies



**\*B.Tech Marine Engineering**  
(4 Years)



**\*B.Sc. Nautical Science**  
(Leads to be the Captain of a ship)  
(3 Years)

## School of Humanities, Management & Social Sciences



**BBA (Hons.)**  
with specialization in **Digital Marketing**  
(3 Years)



**BBA (Hons.)**  
with specialization in **Logistics & Supply Chain Management**  
(3 Years)



**B.A. (Hons.) in English**  
with Specialization in **Mass Communication**  
(3 Years)



**B.Com (Hons.)** with Specialization in **Taxation & E-Commerce**  
(3 Years)

## School of Legal Studies



**Integrated BBA with LLB (Hons.)**  
(5 Years)



**Integrated B.A. with LLB (Hons.)**  
(5 Years)



## School of Health Sciences



**Bachelor of Physiotherapy (BPT)**  
(4.5 Years)



**Bachelor of Optometry (B.OPTOM)**  
(4 Years)



**Bachelor of Medical Laboratory Technology (BMLT)**  
(3.5 Years)



**B.Sc. Radiology and Medical Imaging Technology (BRMIT)**  
(4 Years)



**Bachelor in Hospital Management (BHM)**  
(3 Years)



**B.Sc. (Hons.) in Applied Psychology**  
(3 Years)



**M.Sc. in Applied Psychology**  
(2 Years)



**Master in Hospital Management (MHM)**  
(2 Years)

## School of Agriculture & Allied Sciences



**B.Sc. (Hons.) Agriculture**  
(4 Years)



**Bachelor of Fisheries Science**  
(4 Years)



**M.Sc. Agriculture in Agronomy**  
(2 Years)



**M.Sc. Agriculture in Soil Science**  
(2 Years)

## School of Hospitality & Culinary Art



**B.Sc. in Hospitality and Hotel Administration**  
(with Swiss Diploma) (HTMi, Switzerland)  
(3 years)



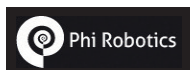
**B.Sc. in Hospitality and Hotel Administration**  
(3 Years)



**B.Sc. in Hotel Administration and Culinary Art**  
(3 Years)



# INDUSTRY PARTNERS + INTERNATIONAL COLLABORATIONS



**Phi Education Solutions Pvt. Ltd and Phi Robotics Research Private Limited (Thane, Maharashtra):** MoU signed is of immense benefit to the students and faculty of the Robotic Engineering Program. Advanced curriculum structure with experiential learning will yield vivid career pathways for the students. Phi Robotics Research Private Limited have already offered "Conditional Employment" to the 1st batch of Robotic Engineering students.



**Adani Power Limited (Ahmedabad, Gujarat):** MoU signed is a path breaking initiative. Industrial tours and internships will enable students to get a real feel of the industrial environment and appreciation of knowledge gained in classroom and labs.



**Destan Ship Management Pvt. Ltd.:** MoU is signed authorizes DSMPL to recruit and place students of Marine Engineering (MRE) and Bachelor of Nautical Science (BNS) in leading shipping companies as engine cadets and Deck cadets.



**Blue Bird Shipping Management Private Limited:** MoU signed authorizes BBSMPL to recruit and place students of MRE and BNS on shipping companies.



**Hotel and Tourism Management Institute (HTMi), Switzerland:** MoU signed with HTMi, Switzerland, a Leading Hotel Management Institute in the World. Each hospitality student would visit HTMi, Switzerland, as an integral part of the course.



**Yasar University of Turkey:** MoU signed with Yasar University and TNU will provide opportunities for students to research in the field of science and technology, be a part of Conferences, workshops, and short overseas summer courses besides exchange of information and thesis.



**Bioinnovat Research Service Private Limited (New Delhi):** MoU signed will present students with significant opportunities related to research work and development



**Central Sericultural Research & Training Institute Berhampore West Bengal:** The MOU is signed to conduct training and development of silk clusters in the TNU adopted villages in South 24 Pgs. The research and development(R&D) projects will be developed in the areas of bio-pesticides, bio-fertilizers, superior silkworm breeds etc. There will be exchange of programme for short term intensive training, field visit etc.



**PARK HOSPITALS:** The MOU is signed for promoting & enhancement of scientific and academic interactions. TNU will send the students for various kinds of internship, training and or experiencing the skills or professionalism practiced in OPD unit of Park Hospitals.



**Kakdwip Super Speciality Hospital:** Permission is hereby accorded on request of Dean, Neotia University for field level experience of the students of the school of Health Sciences.



**IITKGP VLAB:** Various training & workshop will be organized for the students and faculty members in collaboration with the Virtual Lab. TNU has become as one of the Nodal Centre.



**Ambuja Neotia Group of Hospitality Division:** The MoU is signed for training and internship of the students and academic collaborations.



**GGL Hotel and Resort Company Limited:** The MoU is signed for training and internship of the students and academic collaborations.



**The Park:** The MoU is signed for training and internship of the students and academic collaborations.



**Novotel Kolkata Hotels and Residences:** The MoU is signed for training and internship of the students and academic collaborations.



**Biswajit Sarkar-IP Attorneys Kolkata W.B :** The MoU is signed for training and internship of the students and academic collaborations.



# CHOICE BASED CREDIT SYSTEM (CBCS)



Choice Based Credit System (CBCS) is mandated by University Grants Commission (UGC). It allows flexibility in education system, so that students, depending upon their interests and goals can select inter / intra disciplinary and courses beyond their own domain. This is possible when CBCS an internationally acknowledged system is adopted. It offers opportunities and avenues to explore additional avenues of learning beyond the core subjects for holistic development of an individual. It ensures that a student develop both sides of his mind - the calculative as well as cognitive.

- Choose courses of your choice
- Choose Electives from core related subjects
- Opt for additional non core courses
- Easy transfer of Credits to inter college / Foreign Universities
- Learn at your pace
- Follow your passion

## Features of Choice Based Credit System (CBCS)

**Core** - These are courses that must be studied as a core requirement. About 60% to 70% of the total credits are for the Core subjects.

For example, for 'B.Tech in Robotics and Automation' students, 'Object-oriented programming in Python', 'Motors and Sensors' and 'Science of Living Systems' are core subjects.

**Departmental Elective** - A student gets the opportunity to learn a course that may be very specific or supportive to the departmental programme.

Approximately 15%-25% of total credits are departmental electives.

For example, for B.Tech Computer Science and Engineering (Specialization: Artificial Intelligence and

Machine Learning)"students, 'Supervised Learning', 'Unsupervised Learning' and 'Big Data Analytics with Hadoop / Spark' are Departmental Elective subjects.

**University General Elective** - It covers University wide general elective courses that are open for students to choose from the courses that are offered by other Schools unrelated to the students' departmental programme under study.

About 15% - 20% of total credits are for University General Elective courses.

For example, an engineering student can choose Psychology as his/her General Elective subject.



## Course Offered

**B.Tech in Robotics and Automation**

## Duration



**4 Years**

## Eligibility Criteria

**12th standard pass with Physics, Mathematics, Chemistry / Computer Science / Biology / Biotechnology / Biochemistry / Computer Application / Technical Vocational subjects with average minimum 60% marks.**

## Industry Partnership



The Neotia University (TNU) has collaborated with Phi Robotics Research Pvt. Ltd., a company based in Thane, Maharashtra, to help develop and deliver the course curriculum and laboratory facilities. Phi Robotics Research Pvt. Ltd. at its discretion will hire the students of TNU who meet the company's recruiting criteria.

Phi Robotics Research Pvt. Ltd. has already offered conditional employment to the first batch of students in TNU's Robotics Engineering Programme.

The Neotia University (TNU) Received Project-Development of "Yantra-I" from MieRobot.

# B.TECH IN ROBOTICS AND AUTOMATION

Robotics is an interdisciplinary branch of engineering and science that includes mechanical engineering, electronic engineering, information engineering, computer science, and others. Robotics deals with the design, construction, operation, and use of robots, as well as computer systems for their control, sensory feedback, and information processing. The Robotics and Automation Engineering sector is growing at a rapid pace, and promises to be one of the next biggest fields due to the rapid growth in the manufacturing sector. These engineers are engage for design, construction, operation and application of industrial robots, autonomous systems as well as new generation robots like drone, autonomous vehicle etc. The advanced curriculum structure of Robotics and Automation Engineering at The Neotia University is at par with the recent developments in advanced Artificial Intelligence, Machine Learning and Deep Learning, hands-on IOT, Computer Visions, Drone, Autonomous vehicle and more. Hands-on based learning-Hardware development and mini projects are deliver for each curriculum. Students learn how to develop Robots and solve real time Industry problem. The curriculum structure is design by the Industry and Academic Experts. Internship and Industrial visit is part of the Curriculum.



### The Neotia University

Sarisa, Diamond Harbour Road, South 24 Parganas, West Bengal – 743368  
+ 91 83358 37383 / 91636 10909 | www.tnu.in

### Technical Specifications :

Weight	5.4kg
Payload	500g
Maximum reach	6
Degree of freedom	6
Maximum Cartesian translation	25 cm/s
Actuator joint range	+/-155 to 160 degree
Power supply voltage	18 to 30 VDC, 24 VDC nominal
Average power	20 W
Ingress Protection	IP22
Operating temperature	0 to 40 degree
Sensors	Position, current, voltage, temperature, accelerometer and gyroscope

### APPLICATION :

- Airbus automates helicopter testing with Kinova robotic arms (Sogeti High Tech/Airbus)(Gen2)
- Partnership to Advance Horticulture Pest & Disease Treatment (Evocation)(Gen3)
- Autonomous Robot Feeding with Assistive Dexterous Arm (ADA) (Personal Robotics Lab of Siddhartha Srinivasa Univ Washington) (Gen2)
- Automated Object Manipulation Using Vision-based Mobile Robotic System for Construction Applications (North Carolina State University)(Gen2)
- n-vivo human breast tumour detection and differentiation using HMI(Columbia University)(Gen2)

### Special Features:

- ROS compatible
- AI/ ML applicable
- Intel Real Sense Depth Camera incorporated
- IOT enabled



## Career Prospects

The opportunities are enormous in the field of Robotics and Automation Engineering in both government and private sectors. Robots are utilized in different fields such as military, nuclear power plants, agricultural, manufacturing, health-care, and more. A Professional with relevant degree in Robotic and Automation Engineering can choose to work in these industries as Robotics Programmer, Robotics System Engineer, Robot Design Engineer, Automated Product Design Engineer, Robotics Test Engineer, Automation System Engineers, Project Managers, and more. The engineers can also opt for technician jobs in multinational automation companies. Robotics Engineers who have expertise in the field of automation can also become a scientist where they can use different use cases to design the robotics system and invent some new specifications for enhancement of automation. Graduates may also opt for higher studies (M. Tech / MS) and subsequently pursue research work and Ph.D. in this domain. They can also become a Professor in top IITs, NITs, IIITs, Universities and renowned institutions where they can use their knowledge and expertise to educate the students about the advancements in automation. Some of the top recruiters in India are, Indian Space Research Organisation (ISRO), Bharat Heavy Electricals Limited (BHEL), Defence Research and Development Organisation (DRDO), Indian Institutes of Technology (IIT), Bhabha Atomic Research Centre (BARC), Precision Automation & Robotics India Ltd.

## Department Highlights

### Well-Equipped Lab Facility

Most Advanced Robots including AI/IOT enabled KINOVA Robot, 6 Axis pick and place Robot, SCARA, X-Y Plotter, Mobile robots, IOT project tools, Quadcopter, Humanoid and more are accessible in the Departmental lab.

### Research Facility

- Research grade RTOS instruments, Advance IOT instruments and a 3D printer available for R&D.
- Implemented AI automation system in Departmental Robotics lab.
- Advanced Artificial Intelligence and Machine Learning lab accessible for doing research.
- Ph.D students doing research in the Departmental projects.
- Opportunity for UG students to publish research papers in international journals and conferences.

### Futuristic Innovation and Incubation Centre

- Assigned projects are international level innovative projects.
- Developed MARIA-a service cum security robot.
- Developed a Drone for service and security application.
- Development of PUSPAK –a driverless vehicle is under progress.

### Training, Projects, Internships & Higher Studies

- Hands-on Mini projects in each Semester from 2nd year.
- Mandatory Industrial Training in 3rd year (KUKA, Siemens, MTAB)
- Industrial Internship providing by University in final year (WABCO, Amazon, MTAB)



Students are working in Robotics & Automation Lab on Drone project





## Courses Offered

**B.Tech in Computer Science & Engineering with specialization in (a) Cyber Security (b) Data Science (c) AI & ML**

## Duration



**4 Years**

## Eligibility Criteria

**12th standard pass with Physics, Mathematics, Chemistry / Computer Science / Biology / Biotechnology / Biochemistry / Computer Application / Technical Vocational subjects with average minimum 60% marks.**

# **B.TECH IN CSE** WITH SPECIALIZATION IN (a) CYBER SECURITY (b) DATA SCIENCE (c) AI & ML

Computer Science and Engineering seems to have become the most popular course in this century for engineering aspirants. Currently B.Tech Computer Science Engineering is one of the top courses in India that attract lakhs of students every year. B.Tech Computer Science and Engineering at The Neotia University (TNU) is designed with specializations in several important and emerging areas such as, Cyber Security, Data Science, Artificial Intelligence (AI) and Machine Learning (ML), that will help students to gain knowledge and become industry ready for jobs in top Corporates. The curriculum structure is design by the academicians from Indian Statistical Institute (ISI), Jadavpur University, University of Calcutta and industrial experts from Tata Consultancy Services (TCS), Centre for Development of Advanced Computing (CDAC). The state of the art Computer Labs are well equipped with advance software. Internship and Industrial visit is part of the Curriculum. Students are encouraged to publish journals and articles regularly in National and International platforms.

### **Specialization in Cyber Security**

Cyber Security, also referred to as IT security, emphasizes on safeguarding computers, programs, networks, and data from unlicensed or spontaneous access. Cyber world is facing new challenges every day from hackers and malicious programmers across the globe. Banking, E-commerce, Confidential Industrial Data, Forensic Industries and Defence related data and Employee data of big and small enterprises needs security implementations in place. The frequency and intensity of cyber scams and crimes have increased over the last decade, resulting in huge losses



**Students are working in Computer Science & Engineering Lab**

for businesses. As incidents of cybercrimes increased significantly, businesses worldwide channelled their spending on advanced information security technologies to strengthen their in-house security infrastructure.

### Specialization in Data Science

Data Science is an advance technology, which demands coding, mathematics, statistics and some of the skills such as machine learning, data mining and visualization. Data scientists are professionals who can simplify big data through coding and algorithms and turn it into a problem-solving solution for the business. Data scientists operate between the business and IT worlds and drive industries by analysing complex datasets to tease out insights that companies can leverage into actions. With rising investment in research and development, technological advances are occurring rapidly.

### Specialization in Artificial Intelligence & Machine Learning (AI & ML)

AI has now penetrated in all the horizons of service sector. There is rarely any field which is untouched by Artificial Intelligence and it is the life force behind ground-breaking digital technologies and innovations. This specialisation is designed to enable students to build intelligent machines, software, or applications with a cutting-edge combination of machine learning and visualisation technologies.

## Career Prospects

### Specialization in Cyber Security

Cyber Security is one of the fastest-growing industries, and cyber security skills are in high demand across different verticals. Once students have the education and qualifications, the jobs are waiting - now and in the future. After completion of the Computer Science & Engineering with specialization in Cyber Security course, students will be able to work as information security officer, forensic computer analyst, information security analyst, security architect, security engineering security systems administrators and IT security.

### Specialization in Data Science

Data Science is a highly flexible discipline finding its way into all industries. Data science without any doubt is one of the 21st century's most challenging careers. Important applications of Data Science are in Healthcare, Banking, Manufacturing, E-commerce, Fraud and Risk Detection, Image and Speech Recognition and Education. The demand for data scientists and their salaries have been growing particularly for a decade. Data Scientist, Data Engineer, Data Architect, Data Administrator, Data Analyst, Business Analyst, Data / Analytics Manager, Business Intelligence Manager are among the prominent Data Scientist job titles. Entrepreneurship can also be a good career option for the pass outs.

### Specialization in Artificial Intelligence & Machine Learning (AI & ML)

Engineers are in high demand because they harness the power of AI and ML to provide solutions to applications like diagnosis of diseases, image processing, real time personalization, speech recognition, fraud detection and



**Dr. Partha Mukherjee,**

Dean, HOD, School of Sciences & Technology,  
The Neotia University (TNU).

Around 29 years of experiences in IT industry and research & Development under various leadership role in the areas of:

- Data Science, Business Intelligence and Data Analytics, Big Data Analytics
- Digital Governance and Industry 4.0
- Enterprise Architecture for Digital Governance (India Enterprise Architecture (IndEA))
- Management of large State Data Centre (SDC) across different states within India,
- Investment Banking, Insurance, Healthcare, Education, Revenue and Land Records, Finance, Aerospace and Retail.

His core expertise is in the area of Data Analytic and Data Science in Digital Governance, Retail, Healthcare, Aerospace, Life Science and BFSI domain. His objective is to steer the thought process of nurturing an enterprise operational architectural landscape into a dynamic Analytical Organization landscape.

He was engaged with National Institute of Smart Governance (NiSG), Ministry of Electronics and Information Technology (MeitY), Government of India as a Principal Consultant/ Head of the State SeMT (State eGovernance Mission Teams) Team for ICT Program management.

Prior to NiSG, he was engaged with the HCL Technologies for 14 years as a Program Manager, Projects delivery group. At HCL, he was engaged in a leadership role in the Retail and BFSI - Business Intelligence and Data Science Group. He was attached with the major accounts like, Deutsche Bank at London, Boeing at Seattle, USA, COOPs at Manchester, UK, Cadbury at NJ, USA and Toronto Canada, Pfizer at Germany, and various other program management at India.

He have done my PhD (Engg.) in Multimedia Database, Data Streaming and Data Analytic from CSE department, Jadavpur University in year 2006. He have published around 13 number of technical papers in International IEEE conferences and Journals. He have the work experiences in the countries like, UK USA, APAC, and Europe and headed the project delivery groups.

many more. Students have ample of job opportunities in this field. Some demanding job positions include Machine Learning Engineer, Data Scientist, Business Intelligence Developer, Research Scientists, AI engineer and Robotics Scientist. Entrepreneurship can also be a good career option for the graduates.

The importance of B.Tech in Computer Science and Engineering with specialization in Cyber Security, Data Science, Artificial Intelligence and Machine Learning, is growing day by day and going to provide huge opportunities in employment, research and entrepreneurship in near future. Graduates can pursue M.Tech at various Universities / Institutes in the above specializations as the demand in these areas





## Courses Offered

**M.Tech in Computer Science & Engineering with specialization in (a) Cyber Security (b) Data Science (c) AI & ML**

## Duration



**2 Years**

## Eligibility Criteria

**B.Tech / B.E in Computer Science & Engineering (CSE), Information Technology (IT), Electronics & Communication Engineering (ECE), Electrical Engineering (EE) and Robotics Engineering with minimum 60% marks.**

# **M.TECH IN CSE** **WITH SPECIALIZATION IN** **(a) CYBER SECURITY** **(b) DATA SCIENCE (c) AI & ML**

M.Tech in Computer Science and Engineering is offered with choice based specialization in Cyber Security / Data Science / AI and ML that has acquired widespread acceptance and adoption among Enterprise business applications and research community. The curriculum structure is designed by the academicians from Indian Statistical Institute (ISI), Jadavpur University and industrial experts from Tata Consultancy Services (TCS), Centre for Development of Advanced Computing (CDAC). The state-of-the-art Computer Labs are well equipped with latest software tools that provide students with practical skills. Internships and Research Projects in various private and government organizations is part of the curriculum. Students will have the opportunities to be engaged in full-time projects with real-life applications, in various research institutes like ISRO, DRDO, CDAC, ISI, University of Calcutta, Jadavpur University, NITs or in companies inside and outside West Bengal. Publications in National and International Journals will be a regular practice of the students of these programmes. Benefit from Case Studies, Simulations, Virtual Labs & Remote Labs allow learners to apply concepts to simulated and real-world situations. The Dissertation enables students to apply concepts and techniques learnt during the programme. Frequent Workshops, Technical Events, Guest Lectures enable students to upgrade their knowledge and skills.

### **Specialization in Cyber Security**

The technological growth, the internet, and availability and sharing of information have tremendously increased information threats to organizations and individuals making



**Students are working in CSE Lab**



it a challenge for users and system administrators to preserve security. Cyber Security is attracting many organizations and professionals due to need for monitoring and maintaining data and network from cyber threats. Due to the requirement of sophisticated knowledge and tools to keep systems secure, there is a big need in India and around the world for security professionals who are well educated about the various aspects of security. The main objective of this program is to train students to become information security professionals for the high-end jobs in security industry. The programme is strategically designed to provide hands-on experience on prevention, detection and recovery tools to safeguard the confidential information. The students experience and learn the most recent tools and techniques which are being used by professionals. Plans to have some modules taught by experts from industry.

### **Specialization in Data Science**

Data Science is one of the emerging fields in India, and the scope for securing employment in diverse fields is high. Data Science is gaining prominence in academia and industry. Data science witnessing applications in diverse research disciplines. Introduction to this program opens up several new opportunities in science and engineering research. The current curriculum covers areas that prepares a student for most lucrative careers in the space of Data Science, Data Engineering and Advanced Analytics. The programme provides extensive knowledge on most popular data science techniques.

### **Specialization in Artificial Intelligence & Machine Learning (AI & ML)**

AI & ML are two of the very close and fastest growing fields in contemporary scenario. The major goals of AI & ML are to achieve success in knowledge reasoning planning, machine learning, and natural language processing and computer vision. The program focuses on training students to become critical thinkers and analytical experts in research and industry. It also aims in inculcating innovative learning exercises of data engineering, data visualization, feature engineering, model fitting and reasoning. The program is designed to mould and encourage students to reason with data and build models that predict the future outcomes. Expose students to the most recent developments in the area of Data Cleaning, Data Visualization, Machine Learning Models, Artificial Intelligence and their utilization in industry and research. This program will provide students advanced theoretical as well as practical knowledge of the fundamentals of Artificial Intelligence and Machine Learning and its applications in daily life.

## **Career Prospects**

### **Specialization in Cyber Security**

On completion of this program successfully, the graduates can easily apply for the high-pay job roles in various organizations working on Systems Security, Computer Systems Design field, Network Security and more. The students can avail plenty of prospective job opportunities

such as - Cyber Security Architect, Security Application Programmer, Security Analyst, Chief Information Security Officer (CISO), Penetration Tester, Network Security Engineer, Security Researcher and more. Postgraduates shall find opportunities in renowned MNCs and public sectors like DRDO, CDAC, ISRO. The candidates can pursue Ph.D. or move into the field of research in India or abroad. The scope in research is much higher. Students can also apply for a job of Assistant Professor in IITs, NITs, IIITs, government / private Universities and engineering institutes.

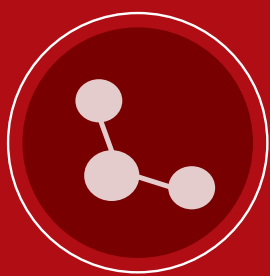
### **Specialization in Data Science**

Data Scientist positions are new roles where industry is looking for trained resources. There is a perceivable large gap between the number of opportunities and the trained resources. For a professional who's already doing a job, then it may be a bit tricky to switch to a job as a Data Scientist. A better option is that they can leave job to pursue a Master's professionally. This will give students more time to understand Data Science in depth and then apply for jobs when they are ready. The power of a Master's degree in Data Science is the setting pathways for students to be a leader in that field. Govt. of India and Private sectors are providing lots of endorsements and thrust in the areas of Data Science. The Postgraduates in M.Tech will find themselves identifying cutting edge research opportunities at various Research Laboratories as well as several industries which are currently involved in this field. The candidates can find many job opportunities in abroad as well. The candidates can pursue Ph.D. or move into the field of research in India or abroad. The scope in research is much higher. Students can also apply for a job of Assistant Professor in IITs, NITs, IIITs, government / private Universities and engineering institutes.

### **Specialization in Artificial Intelligence & Machine Learning (AI & ML)**

On completion of this programme Students can opt for jobs in numerous sectors and can easily get jobs as a AI Engineer, Game Programmer, Software Developer, Robotics Engineer, Machine Learning Researchers, Machine Learning Engineer, Software Engineer (Machine Learning). Research opportunities also exist at various public and private industries including reputed MNCs and various research institutes. The candidates can pursue Ph.D. or move into the field of research in India or abroad. The scope in research is much higher. Students can also apply for a job of Assistant Professor in IITs, NITs, IIITs, government / private Universities and engineering institutes.

M.Tech Programmes in Cyber Security, Data Science, Artificial Intelligence and Machine Learning will equip the students with the necessary skills to work with the cutting edge technologies in industries on one hand and pursue high-end researches in premium Universities / Institutes in India and abroad on the other. Research opportunities are growing day by day for these three emerging specialized fields and it will continue. The scope will be there also to pursue Ph.D. at Universities / Institutes to become eligible for a Professor job in University / Institute or as a Scientist in Research organizations.



## Courses Offered

- B.Sc. (Hons.) in Biotechnology
- M.Sc. in Biotechnology

## Duration

3 Years for B.Sc. (Hons.)

2 Years for M.Sc.

## Eligibility Criteria

**For B.Sc. (Hons.)-** 12th standard pass with science stream having minimum average 60% marks (average in 3 science subjects).

**For M.Sc.-** Passed graduation with any of the Life Science subjects (Botany, Zoology, Microbiology, Biotechnology, Biochemistry), B.Sc. in Agricultural Sciences with minimum 55% marks.

# B.SC. (HONS.) IN BIOTECHNOLOGY

All over the world, Biotech organizations have worked relentlessly and developed vaccines against SARS-Cov2, causal organism for the current Covid-19 pandemic. India is the biggest producer of Covid vaccine by virtue of Indian biotech companies like Serum Institute, Pune and Bharat Biotech, Hyderabad. These organizations are playing a pivotal role in production and supply of vaccines for several countries of the world and thereby saving millions of lives. Another biotech organization, Dr. Reddy's Laboratories, Hyderabad is also playing an important role in the production of several lifesaving medicines in this context of the current pandemic situation, including an oral antiviral drug along with DRDO.

TNU's B.Sc. (Hons.) in Biotechnology courses is designed to provide students with a strong fundamental idea and advanced study of cell and tissue culture, genetics, bio-medicinal and non-medicinal products, pharmaceuticals, bioprocesses, new technologies and engineering. The designed curriculum, laboratory facilities, research based teaching, projects, and opportunities to get trained in leading biotechnological firms will make students in this programme competent for both industrial sector and academia.

## Career Prospects

Be a Biotechnologist and make an impact to everybody's life.

- Healthcare biotech is benefiting more than 350 million patients around the world through the use of biotech medicine to treat and prevent every day and chronic illnesses.
- Energy biotech in the form of biofuel is helping to fight global warming as an alternative and safer form of global energy. It has led to significant reductions in greenhouse gas emissions with the aim to reduce a 2.5 billion tons of CO2 equivalent per year by 2030.
- Agricultural biotech offers new, improved and adapted agricultural crops to reduce poverty and can increase food security for a growing global population.
- Environmental biotech is to solve environmental problems like depletion of forests and water resources, resultant biodiversity loss; climate change-related crop pattern as well as disease pattern changes; waste/effluent management issues in a sustainable way.
- Marine Biotech is involved towards development of useful products and process from the marine resources, for aquaculture production and productivity increase
- Bioinformatics deals with bio-IT services, which covers computational biology, computational chemistry, genetic sequencing etc.

# M.SC. IN BIOTECHNOLOGY

TNU's M.Sc. in Biotechnology is the field that involves the use of living organisms and bioprocesses in engineering, technology, medicine and other fields requiring bio products. This programme will include curriculum designed by academic experts and shall facilitate research and hands-on experiential training in well-equipped laboratories to provide students with real-life work experience. The aim of such basic research is to increase scientific knowledge.

As the global population grows, scientists look to biotechnologists for solutions to various problems like adequate food, infant mortality and sustainable agriculture.

## Career Prospects

Biotechnology is a product-based industry and not a service industry. Biotechnologist will be working with DNA, tissues, bacteria, virus, and complex proteins. Depending specialization and/or expertise, someone will be working as a medical biotechnologist, pharmaceutical biotechnologist, agricultural biotechnologist, food biotechnologist, environmental biotechnologist or industrial biotechnologist etc.

The biotechnology segment is the fastest growing segment in India. It is valued about \$11 billion currently and it will touch the \$ 100 billion mark by 2025 as per the forecast of the Association of Biotechnology Led Enterprises (ABLE). Furthermore, the biotech industry is expected to grow at 30% growth rate every year (according to Make in India website).

As the current pandemic situation, has caused the most significant impact in peoples life all over the world, the importance of studying Biotechnology and job opportunities in this sector is ever growing making it the most suitable career choice for young individuals.

Top Ten Indian Biotech Giants:

- Biocon, Bangalore ● Serum Institute of India, Pune
- Panacea Biotec Limited, Hyderabad ● Dr. Reddy's Laboratories Limited, Hyderabad ● Wockhardt, Mumbai
- Glaxo Smith Kline Pharmaceuticals Limited ● Bharat Serums and Vaccines Limited, Mumbai ● Novozymes, Mumbai ● Indian Immunologicals Limited, Hyderabad
- Shantha Biotechnics Limited, Hyderabad

Graduates can also opt for alternative career options like, Medical Writing (Technical Copy Writing), Scientific Journalism, Healthcare Informatics, Data Science & Big Data Analytics, Product Marketing & Management, Technical Sales, F&S & Business Development, Market Research & Consulting, Intellectual Property & Patent Law and Entrepreneurship.

M.Sc. degree is a qualification for doing Ph.D. with a handsome research fellowship.

## Department Highlights

### Awards & Recognitions

- Biotechnology department at The Neotia University (TNU) is the oldest established department of Biotechnology in West Bengal, skilling students for the last 16 years.
- Research Grant funded by SERB, DST, Govt. Of India recognizing outstanding Research Profile of the Faculty of the Department.
- Dr. Prosun Tribedi, (HoD) Assistant Professor, Biotechnology Dept. at TNU Received externally funded Research Grants exploring Microbial Biotechnology for the Sustainable Promotion of the Environment.
- Dr. Tribedi, published 40 Articles in International peer-reviewed reputed journals including book chapters, making the Department Internationally recognized in the context of Research Spectrum. Five publications, individually has crossed 100 citations.
- Students are encouraged to publish Articles in reputed journals; they have published their dissertation observations in International peer-reviewed journals.
- Ongoing research project under able supervision and sponsored by Department of Science & Technology (DST), Govt of India.
- The department has delivered the first Ph.D candidate in the University, and is training many more.
- Ms. Drishti Mukherjee received an all India level 'Sachha Sarathi Award' from the Principal Scientific Advisor, GOI in dealing with chronic waste management, under the 'Waste to Wealth' initiative.

### Internship Programs & Industrial Visit

Internship Programme and Projects under the Expert Guidance, is part of the Curriculum. Students complete their Internship at top notch Institutions like,

- Central Research Institute (CRI), Kasauli, Himachal Pradesh.
- Emami limited, Guwahati, Assam.
- Center for Microbiology and Biotechnology (CMBT) research & training Institute, Bhopal, Madhya Pradesh.
- Indo-American Hybrid Seeds (India) Pvt. Ltd. Bengaluru, Karnataka. Serum Institute of India, Pune
- Albert David limited, Kolkata, West Bengal, and more.

### Research & Grants

- Research Grant funded by SERB, DST, Govt. Of India recognizing outstanding Research Profile of the Faculty of the Department.
- Dr. Prosun Tribedi received a young scientist research grant entitled "Strategy development for the applications of biofertilizers into the soil to increase the soil fertility": An efficient way to substitute the hazardous chemical fertilizer application sanctioned by SERB, DST, Govt. of India. Sanction amount: INR 23,20,145).





**D.G. Shipping, Government  
of India, Approved**

### **Courses Offered**

**B.Tech Marine Engineering (MRE)**

### **Duration** ⌚

**4 Years**

### **Eligibility Criteria**

**12th standard pass with Physics,  
Chemistry & Mathematics with at  
least 60% marks.**

**50% in English in Class-10 or  
Class-12 final examination.**

**Clearing CET (if applicable) with  
valid rank. Clearing Medical  
Test as per D.G Shipping, GOI.  
A valid passport is required  
during admission.**

**Maximum age limit - 25 Years.**

## **B.TECH MARINE ENGINEERING**

Marine engineering is the field of study that deals with the design, development, production and maintenance of the equipment used at sea and on board sea vessels like boats, ships etc. The B.Tech in Marine Engineering course is the study of the complex principles and practices involved in the running and maintenance of marine machineries. The technical responsibilities of a marine engineer includes the operation and preservation of the main propulsion engines, auxiliary engines for electrical power generation, boilers, refrigeration and air-conditioning equipment, varieties of pumps and associated electrical and mechanical auxiliaries, cargo gears and deck machineries, required for the manual and automated operation of various types and sizes of inland, coastal and sea-going vessels, some of which are highly specialized and state-of-the-art. The essence of MRE is that it requires the application of fundamental concepts of Mechanical, Electrical, Electronics, Chemical, Metallurgical, Instrumentation and Automation engineering under arduous conditions prevailing at sea.

B.Tech in Marine Engineering at The Neotia University (TNU) follows the syllabus in excess of that as prescribed by the Directorate General of Shipping, Government of India, covering the areas pertaining to ship construction, naval architecture, machine drawing and design of marine machineries, and more. Students are provided with mandatory



**Main Engine bottom platform  
inside Ship in Campus**



Internship Programme and Industrial Training, as part of the course curriculum, along with experience certificate on completion of the training program from the various ports.

TNU is also one of the few University in Eastern India that can boast of an in-house high-tech Ship-in-Campus of its size, the ship building which is in working condition consist of a 4000 BHP Ship Engine along with complete set of machineries available on the ship like Generator, Oil-Water separator, Boiler, Fire Control Lab, etc. This novel infrastructure facility, built in compliance with international standards house original ship equipment in order to give budding Marine Engineers a hands-on experience on various machineries, of what a naval career entails.

## Career Prospects

Marine Engineering graduates find challenging job opportunities in national and international shipping companies. The young professionals begin their careers as Engine Cadets or Junior Engineers on board foreign flag ships, with a salary of 2500 US dollar, which is equivalent to Rs.1, 80, 000/- per month. Junior Engineers rise to the coveted level of Chief Engineer, with a salary of 20,000 US dollar, which is equivalent to Rs.15,00, 000/- per month, on clearing the competency-examinations conducted by the Directorate General of Shipping, in accordance with the Convention of Merchant Shipping Rules 2014, Standards of Training for Certification and Watch keeping (i.e. STCW-2010) of the International Maritime Organization, i.e. the specialized maritime agency of the United Nations.

Marine Engineer officer can work in numerous shipping companies located around the world. On gaining higher qualifications and experience on board much scope emerges to work ashore in the many professional jobs that exist in shipping industry, such as Technical Superintendent in shipping company, Marine surveying, Maritime law and Insurance, Shipbroker etc. A marine engineer can opt for different types of vessels, depending upon his/her background training and expertise, which can be categorised to Foreign going dry vessels, Foreign going tanker vessels (oil, gas, chemical etc), Coastal trading dry and tanker ships, Passenger vessels, Dynamic position vessels, Offshore platforms and ships, Port assisting boats and ship (Tugs, barges etc).

With the opening up of Inland Waterways and Coastal Shipping and recently held Maritime India Summit 2021, Marine Engineering is a sunrise career as it has a lot of potential now and in future. The increase in the employment opportunities in this field has added to the lure of a job as a marine engineer. In addition to this, various manufacturing industries and units that produce shipping equipment and machines also hire these professionals to work in their production houses.

Our ex-cadets have been placed on board ships owned and managed by various shipping companies like, Elegant Marine Services, Wallem Ship Management, Mitsui O.S.K. Lines, MSC Ship Management, United Ocean Ship Management, Gulf Energy Maritime Services (GEM), Wilhelmsen Ship Management, MMS Maritime (MMSI), Apeejay Shipping, Univan Ship Management, Searland Management Service, Herald Maritime Service, Dynacom Tankers. Etc.

## Traning and Placement Partnership MRE and BNS



**Blue Bird Shipping**  
Management Pvt.Ltd.  
RPSL -KOL- 006

The Neotia University (TNU) has signed MoU with K-Ship Management, Destan Ship Management Private Limited, and Blue Bird Shipping Management Private Limited, which authorize them to recruit and place students of MRE and BNS on shipping companies.



Engine Room inside  
Ship in Campus



**D.G. Shipping, Government  
of India, Approved**

### **Courses Offered**

**B.Sc. Nautical Science (BNS)**

### **Duration**

**3 Years**

### **Eligibility Criteria**

**12th standard pass with Physics,  
Chemistry & Mathematics with  
at least 60% marks.**

**50% in English in Class-10 or  
Class-12 final examination.**

**Clearing CET (if applicable) with  
valid rank. Clearing Medical Test  
as per D.G Shipping, GOI.**

**A valid passport is required  
during admission.**

**Maximum age limit - 25 Years.**

## **B.SC. NAUTICAL SCIENCE**

**(LEADS TO BE THE  
CAPTAIN OF A SHIP)**

B.Sc Nautical Science is a multidisciplinary subject, comprising of science, mathematics and physical training, that deals with techniques and knowledge involved in navigating and operating a ship safely from one port to another. Its study is a balanced combination of theoretical and practical training. The technicalities and intricacies of the work involved in this field can only be excelled if one has the right amount of knowledge and experience in the field. It is the precise study of the principles and practices of operating various types and sizes of vessels, some of which are highly specialized and state- of-the art in Inland waters, Coastal areas and on the high seas.

Bachelor in Nautical Science at The Neotia University (TNU) follows the syllabus in excess of that as prescribed by the Directorate General of Shipping, Government of India, which includes Navigation, Cargo work and Marine Command, Environmental Studies, Voyage Plan, Collision, Maritime Law, Control System, Seamanship, Ship Stability, Collision Prevention and Ship Operation Technology, propulsion, and meteorology, to name a few. Faculty members have decades of experience both in academics as well as industry, and have an in-depth understanding of shipboard responsibilities.





To turn students into successful shipboard officers, the University has adopted a unique approach that builds a strong knowledge base. Students are given the skills with which to apply this knowledge in a shipboard environment and are inculcated with sense of discipline, team spirit and the right attitude for achieving success. In addition, Students are provided with mandatory Internship Programme and Industrial Training, as part of the course curriculum, along with experience certificate on completion of the training program from the various ports.

To intimately acquaint students with the rigours of the marine environment, the University is equipped with a high end latest Bridge Simulator that can be used to deliver a realistic rendering of the ship board environment. This novel infrastructure facility, built in compliance with international standards house original ship equipment in order to give budding Nautical Science cadets a hands-on experience of what a naval career entails.

Today discipline, team spirit, a well-rounded personality and professional pride are prerequisites for a successful merchant navy officer. To groom its students for excellence in this context, the University maintains the requisite disciplinary regime, requires participation in both team and individual sports, fosters cultural interests and pursues a curriculum committed to a holistic education. Students are continually evaluated along all these dimensions.

## Career Prospects

Upon completion of a 3-year Nautical Science degree course, one year sailing as a Deck Cadet, one will progress to a Third Officer, Second Officer, a Chief Officer and ultimately the Captain of a ship.

As a Deck Officer, one will progress along the chosen career path, moving up the ranks by periodically undergoing competency examinations conducted by the Directorate General of Shipping, Government of India, in accordance with the Convention on Standards of Training for Certification and Watch keeping (i.e., STCW) of the International Maritime Organization, i.e. the specialized maritime agency of the United Nations. In addition to taking certain modular and preparatory courses, one will need to acquire minimum stipulated amount of sea service time before appearing for the examinations. From the rank of Deck Cadet with promotions come substantial improvements in remuneration. It takes about 8 years for a Third Officer to get promoted to the rank of Captain, depending on individual capabilities and the job opportunities available. The Captain of a ship receives about 20,000 USD on LNG Ships, which is equivalent to Rs.15,00, 000/- per month, based on their qualifying the relevant examinations.

It is common for Deck Officers to retire from sea service well before the traditional retirement age. They are then able to find numerous opportunities ashore with shipping companies and other organisations for providing services to the shipping and other allied industry. The other jobs are like becoming a Marine lawyer, a Shipbroker, Planner in Container companies, and Marine Pilot in various ports of the world, Marine lawyers as advisors to judges or fight cases on their own.

Draught surveyors in various companies in India and abroad.  
Marine Superintendents of various shipping companies.  
Safety and quality inspectors of various shipping companies.  
Auditors of companies and classification societies.  
Compass adjuster in various Indian ports.  
P & I correspondents for carrying out investigation of damage/accidents to ships, cargo.  
Can carry on further studies in Indian Maritime University, Chennai or World Maritime University, Malmo, Sweden and do research.  
Can get jobs in IMB and MSC of the International Maritime Organization, London (which is under the UNO).  
Faculty in various Colleges in India, Gulf countries, UK, Singapore, Australia.

Our ex-cadets have been placed on board ships owned and managed by various shipping companies like, Elegant Marine Services, Wallem Ship Management, Mitsui O.S.K. Lines, MSC Ship Management, United Ocean Ship Management, Gulf Energy Maritime Services (GEM), Wilhelmsen Ship Management, MMS Maritime (MMSI), Apeejay Shipping, Univan Ship Management, Searland Management Service, Herald Maritime Service, Dynacom Tankers. etc.

“ 95% of 2020 & 2021 pass out batch students of Marine Engineering and Nautical Science have been placed in Destan Ship Management PVT LTD., K- Shipping, Blue Bird Shipping, Naif Marine Services, Apeejay Shipping, Shree Shipping & Trading, T W Ship Management ”



Nautical Science Cadets



## Courses Offered

- B.Sc. in Hospitality and Hotel Administration (with Swiss Diploma) (HTMi, Switzerland)
- B.Sc. in Hospitality and Hotel Administration
- B.Sc. in Hotel Administration and Culinary Art

## Eligibility Criteria

12th standard pass with at least 50% marks in any stream.

## Industry Partnership#

### Hotel and Tourism Management Institute



Hotel and Tourism Management Institute (HTMi), Switzerland, is a leading hotel management institute in the world, preparing students for a management career in the global hospitality industry.

HTMi is the academic partner of TNU and jointly runs the undergraduate course. As a leader in the field of hospitality studies, HTMi provide TNU not only the design content of the course & teaching expertise, but monitor the process with stringent audit & evaluation of performance also.

Each student of BHA (with Swiss Diploma) will be awarded with a qualifying certificate at the end of each year by HTMi. Armed with the degree from TNU & Diploma from HTMi, the doors to international placement would be readily open for an SHCA student.



HTMi Campus in Switzerland

# B.SC. IN HOSPITALITY AND HOTEL ADMINISTRATION

(A) WITH SWISS DIPLOMA (HTMi, SWITZERLAND)

(B) WITHOUT SWISS DIPLOMA

The Neotia University (TNU) is a renowned pedestal for education in eastern India. The Ambuja Neotia group being already a hospitality major with its hotels, resorts and restaurants, it is but natural that the expertise gained over the years is well utilized in hospitality education and training. The School of Hospitality and Culinary Art (SHCA) is located inside the sprawling TNU campus. SHCA offers courses in B.Sc. in Hospitality Administration with/ without Swiss Diploma and B.Sc. in Culinary Art. In keeping with the established high standards of the group, the facilities at SHCA can be compared to the best in the world. The food production laboratory, the training restaurants, the classrooms, and the central library – all are commissioned with state-of-the-art equipment and provide maximum comfort to both learner and trainer. The team of faculty can be rated as one of the best in the country with each one having quality experience in both industry and teaching. Another useful advantage a student may gain is the on-campus residential facility. Twin sharing accommodation with four nutritious meals in a day, coupled with the serene university environment, provides a student with a unique experience of comprehensive learning.

## Career Prospects

The Ambuja Neotia group already operates hotels, resorts and restaurants in and around Kolkata. It is also in partnership with Swissotel and Taj Group for managing and operating its 5-star properties. Hotel Management is one of the most popular choice of courses in India. This is because the career opportunities after hotel management or hospitality courses are limitless like starting as a Management Trainee in branded five star luxury hotels, motels, restaurants, clubs, resorts, airlines, cruise lines, in the domestic as well the international market. This makes it a valuable course for any student who has the skills and knowledge required to succeed in the hotel industry. Apart from the burgeoning domestic market, the students of SHCA will have the great advantage of their international qualification to build a career in any of more than 70 nations in different parts of the world.

# B.SC. IN HOTEL ADMINISTRATION AND CULINARY ART

A degree in Culinary Art prepares students to excel within the kitchen as culinary professionals. Specially crafted culinary course deals with many specialized subjects of kitchen – edible sculptures, garde manger, micro cuisine, wine pairing, budgeting, and more. TNU's degree aims at providing fundamental education in kitchen operation, food and beverage operation, management, production and service; food science, sanitation, etc. Graduates also gain strong knowledge of business and its application within the hospitality industry. TNU's students will be trained in well-equipped laboratories such as food production, cold kitchen, food, beverage and confectionary service supervised by experienced faculty members and trained technicians to help students in learning by doing. The management skills that are taught can be applied in various positions in hotels, resorts, clubs, bars, restaurants and cafeterias, even those outside of the culinary art.

## Career Prospects

Students can get KET (Kitchen Executive Trainee), Operation Trainee and can reach the level of Sous Chef, Executive Chef, Corporate Chef, Chef Director etc. Other than these Students get job through Airlines, Cruise lines, Railways, Defence and even in Government sector. We teach our students about Entrepreneurship so that in future they can establish their own venture also.



BHHA Lab

## Department Highlights

- Excellent infrastructure, Well equipped labs and smart classrooms.
- Part of the renowned Ambuja Neotia Group with their own Hotels like Raj Kutir by Taj, Chia Kutir by Taj, Ganga Kutir, The Ffort and Restaurants like Afraa, The Orient, Sonar Tori etc which creates quality placement and training opportunities for students.
- International Tie ups (HTMi) which gives international exposures to students.
- Excellent training and placement record in Brands like The Oberoi, Taj, The Marriott; The Leela, The Park, Mayfair Group etc.
- Specially curated course with two Internships - 1st for all core departments and 2nd for Specialization with option for International Internship.
- Amalgamation of theoretical as well as practical teaching with the help of industry visit, live projects, assignments and many more.
- Numerous guest lectures and workshops with the industry experts.
- Exposure to inhouse events like cake mixing, food festival, chef competition and many more.

## Industrial Visit and Internship Programme

SHCA students undergo one General Internship and one Specialization Internship as part of their curriculum at the leading hotels like The Oberoi Grand, Kolkata, Sheraton Grand Chennai Resort & Spa, Chennai, Swisshotel, Kolkata, The Lalit Great Eastern, Kolkata, ITC Royal Bengal, Kolkata, Taj Bengal, Kolkata to name a few.

## Internships and Placements

Students of SHCA have been trained and placed in the brands like, Oberoi Hotels and Resorts, Taj Group of Hotels, ITC Hotels, MAYFAIR Hotels and Resorts, The Park Group of Hotels, The Leela Palaces, Hotels and Resorts, Marriott International, Reliance retail and many more. Some of our students also got an opportunity for international internships with the hotels like Gateway Canyons- Colorado, Renaissance Orlando at SeaWorld, Marriott Miami.

## Guest-Lectures and Workshops

1. SHCA students get chance to interact with the industry expert through various guest lectures and workshops. Some of the workshop and lectures we had are- Molecular Gastronomy and European Cuisine - Chef Andreas Kurfurst- International Celebrity Chef. Road to Success in Hospitality - Mr. Pratik Rajgarhia - Operation Manager, Jumeirah Hotels and Resorts, Dubai. Scope of Hospitality - Ms. Isha Thapa by Manager L & D, Oberoi Grand, Kolkata. "Different Dimensions of being a Chef" by Chef Sudha Sankar Saha, Celebrity Chef, London. Career Options in Hospitality" Mr. Raja Sadhukhan, Human Resources Manager, and Ms. Pritha Chatterjee, L& D Manager Taj Swarna Amritsar.





## Course Offered

**B.Sc. (Hons.) Agriculture**

## Duration



**4 Years**

## Eligibility Criteria

**12th standard pass with  
Physics, Chemistry & Biology /  
Maths / Vocational subjects with  
minimum 55% marks.**

# B.SC. (HONS.) AGRICULTURE

About the course and its future prospects - higher study, service—private & Govt. sector and entrepreneur opportunities.  
**“UnnatPathygram to Unnat Krishi Shikshha to Unnat Krishi and Kisan to Unnat Bharat – Gramodaya se Bharat Uday”**

B.Sc.(Hons.)Agriculture is a 4-year undergraduate professional course offered by various government and private universities in India. The four-year programme aims to provide related knowledge, practical skills, and competencies in agriculture.

A B.Sc. agriculture student will study a wide range of subjects such as agronomy, soil sciences, horticulture (fruit science, vegetable science, spices, plantation, medicinal and aromatic crops), plant breeding and genetics, entomology, plant pathology, animal sciences, extension education, plant biochemistry, agriculture economics, and the fundamentals of biotechnology. The syllabus is as per the guidelines of ICAR (Indian Council of Agriculture Research) Fifth Deans' committee and is designed to train students to understand ways of improving crop production in a sustainable manner and to provide overall knowledge related to agriculture and allied disciplines.

There are specialized postgraduate courses under the domain of agriculture that one can choose to pursue a postgraduate degree programme (2-year course) which will broaden the scope, such as specializing in agronomy, soil sciences, horticulture, genetics and plant breeding, entomology, plant pathology, animal sciences, extension education, plant biochemistry, agricultural economics, biotechnology, etc., and that can also lead to plenty of jobs after pursuing graduation as well.



Student's Practical in the Agriculture Field

There are an array of job opportunities both in Govt. and private sector, such as Assistant Director of Agriculture, Assistant Director of Horticulture, Botanist, Assistant Botanist, Krishi Prayukti Sahayak, Farm Manager, Agriculture Field Officer (Bank), Subject Matter Specialist, Assistant Technology Manager, Block Technology Manager, Food Safety Officer, Landscaping Manager, Agriculture Graduate Trainee, Lab Assistant, Agromet observer, etc. Seed Manufacturing Companies, Fertilizer Manufacturing Units, Food Processing Units, and MNCs also hire the graduates. There are a number of opportunities for agri-tech start-ups to solve key farm-related challenges, which range from providing a fair price to the farmer to the creation of yield estimation models that can be used by farmers to boost productivity by removing inefficiencies. An assortment of technology like hybrid seeds, precision farming, big data analytics, artificial intelligence (AI), geo-tagging, satellite monitoring, mobile apps, and farm management models can be applied at every stage in the agriculture process to increase productivity and farm income.

## Career Prospects

of the course and why a candidate will join/select TNU to study that particular course -- Highlighting Department USP.

*"TNU will not just teach core subject knowledge; it will blend this with values necessary for balanced living."*

-Padmashree Harshavardhan Neotia

The Neotia University (TNU) came into existence after the initiative taken by our honourable Founder and Chancellor, Mr. Harshavardhan Neotia. The Neotia University (TNU) was established vide the West Bengal State Government Act XXIII of 2014. TNU is one of the earliest private universities in West Bengal to offer B.Sc. (Hons.) Agriculture and also follows the ICAR prescribed (5th Deans' Committee) course curriculum. The university has a 60-acre green campus with developed land, along with a nethouse and polyhouse for conducting field practices. The laboratories are equipped with instruments. The smart class rooms are well furnished with audio-visual facilities. The farm workshop is equipped with tractor, power-tiller and farm machineries. Book bank facility for every single student is available. The university campus has a free Wi-Fi facility along with ERP software-enabled academic program. The School of Agriculture and Allied Sciences, TNU also conducts study tours and field visits to various research stations of ICAR, SAUs, Agro-Industries, Nurseries, etc. TNU's faculty is experienced, qualified, and professional, with a student-to-teacher ratio of 13:1. Final year students also get a 10 week internship opportunity to work in different government agricultural farms, research stations, KVKs, plant health clinics, etc. as a part of their Rural Agriculture Work Experience program.

*“The Agriculture Department comprises more than 900 Students along with experienced and qualified faculty members with Student: Teacher ratio of 13:1.”*



**Prof. (Dr.) Sushil Kumar Kothari,**

Dean, School of Agriculture and Allied Science (SAAS), The Neotia University (TNU).

He is a PhD in Agronomy from Indian Agriculture Research Institute, New Delhi and Post Doctoral Plant Nutrition Training in University of Hohenheim, Stuttgart, Germany.

He has worked as Scientist in CSIR – CIMAP from 1984-2006 and post retirement took up assignment in Roshini International Bio-Energy Corporation, UK based company in Hyderabad. He joined The Neotia University in June 2019 as Director, SAAS) and continuing since then. It was really a great opportunity and honour to lead a premiere institution like SAAS of TNU. We started with 4-years B.Sc.Ag degree programme in 2018 and added B.F.Sc degree programme in 2019. We have started post graduation programme in Agriculture in 2022.

## Department Highlights

- The department of Agriculture has prepared the agricultural land inside the Campus to cultivate and harvest rice in the kharif season. Students and faculty members of the department were involved in the process for 135 days.
- The department cultivated and harvested green vegetables like, cabbage, cauliflower, broccoli, radish, spinach, amaranthus, knolkhol, and more, and sold them to the TNU campus residents.
- Students cultivated sunflower and maize crop as part of their practical work during the Rabi season.
- Students received the IASc-INSANA-NASI Summer Research Fellowship for two months in Amity University, Noida in 2020.
- Student of Bachelor of Fisheries Science department participated in a poster representation in a national seminar on the effect of corona virus in fishery sector.
- The department of Agriculture as part of Industry (IFFCO) Academic Collaboration is conducting a field trial to study response of maize to application of nano-fertilizers.
- The department as part of CSIR-CIMAP Aroma Mission conducted a Farmer-Scientist Interaction Meet at TNU Campus with participation of scientists of CSIR-CIMAP, Lucknow in which 120 farmers from West Bengal participated.
- The department as part of CSIR-CIMAP Aroma Mission supplied free of cost planting materials of menthol mint / vetiver grass to 14 farmers of South 24 parganas district, West Bengal.
- Students of the Agriculture department visited Meghna Dairy as a part of practical course of Livestock Production and Management under the guidance of Dr.Nitish Modak and Dr. Debasish Mondal.





## **Course Offered**

**M.Sc. Agriculture in Agronomy**

## **Duration**



**2 Years**

## **Eligibility Criteria**

- (a) B.Sc. Ag (4 years) with minimum 60% marks
- (b) A Personal Interview by the Hon'ble Vice-Chancellor / Competent Authority of the University

# **M.Sc. AGRICULTURE IN AGRONOMY**

M.Sc. (Ag.) in Agronomy is a 2 year's Post Graduate Level programme. This 2 years' duration includes 4 semesters, with each semester lasting a period of 6 months. During each semester, students will face separate sets of theoretical subjects as well as practical sessions. Apart from those subjects, seminars and Research work (Thesis work) also plays an important role in M.Sc. (Ag.) in Agronomy programme.

## **Career Prospects**

After completion of M.Sc. (Ag.) in Agronomy, students will be able to conduct research work in crop field, take samples, observations and perform laboratory tests and identify and solve the problems related to plant nutrition, irrigation, insect pest damage, weed management, climate change etc.

Candidates will opt their jobs as Agronomist, Agricultural scientist, Crop production specialist, Farm Manager, Research Fellow, Management Trainee, Laboratory Technician, School teacher, Crop scientist etc. Students can also opt for Ph. D. in Agronomy.







## **Course Offered**

**M.Sc. Agriculture in Soil Science**

## **Duration**



**2 Years**

## **Eligibility Criteria**

- (a) B.Sc. Ag (4 years) with minimum 60% marks**
- (b) A Personal Interview by the Hon'ble Vice-Chancellor / Competent Authority of the University**

# **M.Sc. AGRICULTURE IN SOIL SCIENCE**

M.Sc. (Ag.) in Soil Science is a 2 year's Post Graduate Level programme. This 2 years duration includes 4 semesters, with each semester lasting a period of 6 months. During each semester, students will face separate sets of theoretical subjects as well as practical sessions. Apart from those subjects, seminars and Research work (Thesis work) also plays an important role in M.Sc. (Ag.) in the Soil Science programme.

## **Career Prospects**

After completion of M.Sc. (Ag.) in Soil Science, students will be able to conduct research work in different locations, collection of soil samples, processing and storing, and analysis of various physical and chemical parameters of soil, estimation of essential nutrients and identify and solve the problems related to nutrient deficiencies and physiological disorders etc.

Candidates might opt their jobs as Agricultural scientist, Farm Manager, Research Fellow, Management Trainee, Laboratory Technician, School teacher, Soil scientist etc. Students can also opt for Ph. D. in Soil Science.







## Course Offered

**Bachelor of Fisheries Science**

## Duration



**4 Years**

## Eligibility Criteria

**12th standard pass with Physics, Chemistry & Biology / Maths / Vocational subjects with minimum 55% marks.**

# BACHELOR OF FISHERIES SCIENCE

**Fish is health and wealth.** Fish and fisheries play an important role in Indian Economy. Presently India is one of the largest fish producing country and 2nd largest aquaculture nation in the World. West Bengal, being the lead fish producing state in India, still fetching high demand to have adequate institutes where more aspirants can get the privilege to pursue Fishery Sciences.

The Department of Fisheries Science, TNU, the only leading private Fisheries Education and Research Institute of West Bengal under The Neotia University, took its birth in the year July, 2019. This university is located 60 acre of lush green, beautifully landscaped campus in the outskirts of Kolkata at Diamond Harbour. The department offers B.F. Sc. (4 years degree programme) 'Bachelor of Fishery Sciences' following the course curriculum as prescribed by Indian Council of Agricultural Research, the nationalized platform under Department of Agricultural Research and Education, GOI. The smart class rooms are well furnished with audio-visual facilities. Presently the Fishery unit has 4 number of practical labs, 4 number of fish ponds, and Swimming pool. Laboratories like Soil and water testing lab, Microbiology and Quality Control Lab, Instrumentation lab and Histopathology lab are well furnished and equipped to provide live projects and research opportunities to students. TNU, Fish Unit already has started the new projects like Fish Portable Hatchery Unit, Nursery-rearing-stocking-brood stock pond, Ornamental unit, Fish processing Unit, Bio floc unit, live feed unit, and Integrated fish culture unit to serve quality Fishery education among the students. The School of Agriculture and Allied Sciences, TNU also conducts study tours and field visits to various research



**Fish Processing Factory**

stations of ICAR, SAUs, Fish farm, Hatchery unit, Nurseries, etc. TNU's faculty is experienced, qualified, and professional, with a student-to-teacher ratio of 13:1.

## Career Prospects

Fisheries science education has an undergraduate, postgraduate or Ph.D. program at state, national as well as international level. Central Institute of Fisheries Education at Mumbai is the pioneer institutes in India for fisheries education since 1961. In the year 1969, significantly revolutionized evolution of the fisheries education begin in India by establishment of the first Fisheries College at Mangalore and now almost 25 Fisheries Colleges offer the fisheries education in India under the guideline of Indian Council of Agricultural Research (ICAR), New Delhi.

The employment opportunities for B. F. Sc. graduates are available in the government as well as private sectors. In the government sector, more opportunities are available like Assistant Director, Assistant Fisheries Development Officer (AFDO)/Fisheries Extension Officer (FEO) and Fisheries Development Officer (FDO). In State Fisheries Development Corporations and co-operated societies have different posts available as Deputy Managers, Managers, Project Officers, production manager, farm manager, Assistant manager and Fisheries Officers. In Fish Farmers Development Agency (FFDA) and Brackish Water Farmers Development Agency (BFDA), opportunities are Executive Officers in respective states. In nationalized as well as private banks different posts are available like managers, Assistant Development Officer, Rural Development Officer, Field extension Officer and agriculture Field Officer. Fisheries graduates can also get job in central agencies like as Aquaculture Assistants, Executive Assistant, Lab Assistant, Junior Technical Officers, Technical Officers in Marine Product Export Development Authority (MPEDA) Export Inspection Agency (EIA), Coastal Aquaculture Authority of India (CAA), Food Safety and Standards Authority of India (FSSAI) and as Technical Officers in Fisheries Survey of India (FSI), National Institute of Oceanography (NIO), Indian National Centre for Ocean and Information Services (INCOIS).

Fisheries graduates can start their own enterprise as an entrepreneur like aquarium business, aqua-Shoppe, fish breeding center, shrimp farming, fish farming, cage culture, fish processing, fish drying, packing, cold storage, cold chain enterprise or may involve in export-import activity in national as well international market. The financial support can be obtained through NFDB, NABARD or through other nationalized banks.

## Department Highlights

- Department of Fisheries Science, students and faculty members are actively involved in fresh water fish production.
- The smart class rooms are well furnished with audio-visual facilities. Presently the Fishery unit has 4 number of practical labs, 4 number of fish ponds, and Swimming pool.
- Laboratories like Soil and water testing lab, Microbiology and Quality Control Lab, Instrumentation lab and Histopathology lab are well furnished and equipped to provide live projects and research opportunities to students.



**Prof. (Dr.) H. Shivananda Murthy,**

Professor Chair, Fisheries Science Division,  
The Neotia University (TNU).

Prof H S Murthy has served as Dean of College of Fisheries, Mangalore, the first Fisheries College in the South East Asia and extensively worked in Education, Research & Development/Extension in different capacities namely, as Registrar, Director, Professor & Head and other positions. He has guided 42 research scholars in Aquaculture and Fisheries as Research Guide. He has published over 280 publications including research papers, books and other publications and handled 17 major externally funded research projects as Principal Investigator funded by different international and national funding agencies. Has visited UK, USA, Spain, Denmark, Netherlands, Norway, Singapore, Malaysia, Hongkong, Sri Lanka, Dubai and other countries.

He is the Recipient of several prestigious national/international awards for outstanding contributions in 'aquaculture & fisheries'. Served as Member of the Planning Commission Technical Committee, Karnataka Biodiversity Board, Pollution Control Board, Agricultural Scientists Recruitment Board, New Delhi, Boards and Academic Council of various Universities and other organizations.

- Four numbers of ponds are available inside the campus which are being managed by our students and faculties and is used for fish breeding and rearing throughout the year.
- TNU, Fish Unit already has started the new projects like Fish Portable Hatchery Unit, Nursery-rearing-stocking-brood stock pond, Ornamental unit, Fish processing Unit, Bio floc unit, live feed unit, and Integrated fish culture unit to serve quality Fishery education among the students.
- Department of Fishery Science, SAAS, TNU released a half yearly E-magazine, "**Matsya Purana**", which portrays the multivariate fishing related activities as well as research ideas of the faculties involved as well as of the students in the department.

## Webinar, Invited Lecture, Training

- A National webinar on "Integrated development and management of Fisheries" was held to promote knowledge and awareness among the students as well as fisheries Stake holders on the 21st November 2021.
- An Indo- Bangladesh International webinar on "Aquaculture and Fisheries", was conducted on the occasion of "National Fish Farmer's Day" on the 10th of July 2021.
- Owing to the Covid situation, our faculty conducted virtual study tours to various institutions and training facilities such as ICAR-CIFRI, Barrackpore, West Bengal ICAR-CIFE, Rohtak, Haryana, ICAR- CIFE Kolkata, ICAR- CIFE, Mumbai, in an attempt to bridge the gaps created in the learning process of the students.
- Our faculty also conducted virtual training for students on Fish breeding Techniques at Haldia Development Block under the guidance of Mr. Suman Kumar Sahu, FEO Haldia.
- A virtual training was organised by our faculty under the supervision of Mr. Dipankar Biswas on entrepreneurial development based on culture of Ornamental fishes.





## Courses Offered

**Bachelor of Physiotherapy (BPT)**

## Duration



**4.5 Years**

## Eligibility Criteria

**12th standard pass with Physics, Chemistry, Biology with at least 55% marks.**

# BACHELOR OF PHYSIOTHERAPY (BPT)

Physiotherapy is the branch of science that deals with the cure, prevention and rehabilitation of the challenged and physically disabled people. Physiotherapy is considered as one of the ancient sciences to cure people through physical practices. A physiotherapist in India is called a doctor and uses 'Dr' as a suffix. This independent health profession is a non-surgical process that aims at reducing pain, restoring functionality and improving the movement of the affected part of a patient's body. The practice of Physiotherapy is concerned with the function of different body systems and is devoted to the movement sciences. Increase in life span has made Bachelor In Physiotherapy (BPT) a prospective Course.

Bachelor in Physiotherapy (BPT) at The Neotia University (TNU) train students with complete clinical knowledge and the underlying principle behind all the clinical modalities performed for the patients. The course curriculum is designed by academic and industry experts to get students jobs in top-notch hospitals to restore physical function of patients or open their own Physiotherapy Centre. The Department is well equipped with state of the art laboratory facilities like Electro Therapy Lab, Exercise Therapy Lab that provide students with hand on training and experience. Industrial experts, academicians, doctors and hospital personnel visit the campus, to train students in research and industrial opportunities.

## Career Prospects

Progress in medical science and rapid urbanisation has made B.Sc. in Physiotherapy a prospective course. All Hospitals and Wellness Institutions employ physiotherapists to restore physical function of patients. Therefore, the demand for good physiotherapists is rising. Graduates after completion of their degree can work as a physiotherapist, osteopath, lecturer, researcher and consultant. Graduates can also opt for private practice after obtaining the necessary affiliation with respective medical council or pursue higher studies like Master of Physiotherapy (MPT) in the respective field. Students will have immense scope in Generic Physiotherapy, Sports Physiotherapy, Occupational Physiotherapy, Oncology Physiotherapy, Robotics in Physiotherapy, Cardio Pulmonary Physiotherapy, etc. There is a good salary scope for physiotherapists in the various fields. Highly qualified physiotherapists can also start their own clinic and attend to their patients' needs.



Physiotherapy Session



## Courses Offered

**Bachelor of Optometry (B.OPTOM)**

**Duration**   
**4 Years**

## Eligibility Criteria

**12th standard pass  
with Physics, Chemistry,  
Biology/ Mathematics  
subjects with minimum  
55% marks.**

# BACHELOR OF OPTOMETRY (B.OPTOM)

Optometry is a healthcare profession that is autonomous, educated and regulated (licensed / registered), and optometrists are the primary healthcare practitioners of the eye and visual system who provide comprehensive eye and vision care, which includes refraction and dispensing, detection/ diagnosis and management of disease in the eye, and the rehabilitation of conditions of the visual system. Indian Optometrists have large scope of work and well recognized in abroad.

Bachelor of Optometry (B.OPTOM) at The Neotia University (TNU) is design to skill students on the intricacies of vision and different aspects and connections, to get jobs in top-notch hospitals, practice privately or open dispensing outlets. The course curriculum designed by industry experts and academic stalwarts, is practical based that includes Clinical observer ship from first year, maintaining Clinical Log Book during Internship and submission of Clinical projects and case report in the final year. 12-month Internship programme at renowned eye hospitals and retail optical chains is part of the curriculum.

The Department is equipped with state of the art laboratory facilities like Health Sciences Lab with Human Cadavers, Clinical Lab and Eye Dissection facility using Bull's Eyes. The department is planning to extend the lab facility with various specialty labs in contact lens, binocular vision, low vision rehabilitation and dispensing optics lab.

Industrial experts, academicians, doctors and hospital personnel visit the campus, to train students in research and industrial opportunities.

## Career Prospects

Graduates may work as an independent practitioner in their own clinic with an optical dispensing section or as an Optometrist in a Group Practice (with Ophthalmologists/ Optometrists). Students shall have many opportunities in Eye Hospitals or Eye Department of a Multi-Specialty Hospitals as a Primary-Care Optometrist, Specialty-Care Optometrist, and Diagnostic Procedure Expert. Optical Chains like GKB, Titan Eye+, Himalaya Optical, Lawrence & Mayo, Vision Express, Specs-Makers, seek optometrists, executives, and research and development experts in their outlets. Students can also work as a research scientist in vision sciences, educator in schools/colleges of optometry or work with NGOs engaged in healthcare or blindness prevention.

Graduates may opt for higher studies leading to M.S. (Optometry) and Ph.D, PG Diploma or Fellowships in specialty optometric areas.

Optometry Graduates are well-recognize in abroad, they may pursue higher studies and research in various Universities in Europe, America and Australia to name a few.



Eye Examination by an Optometrist





## Courses Offered

**Bachelor of Medical Laboratory Technology (BMLT)**

## Duration



**3.5 Years**

## Eligibility Criteria

**12th Standard pass with Physics, Chemistry, Biology with at least 55% marks.**

# BACHELOR OF MEDICAL LABORATORY TECHNOLOGY (BMLT)

Bachelor in Medical Laboratory Technology (B.M.L.T) is one of the largest and impoverished fields in the modern healthcare industry. With the advancement of medical science, the physician requires the help of medical laboratories and skilled employees for the treatment of rapidly growing diseases.

B.M.L.T at The Neotia University (TNU) is a graduate medical lab technologist program of 3.5 years, focused on specialty areas along with mandatory Training and Internship programs at various Laboratory division of Hospitals. The Course Curriculum is design by Academic and Industry experts. The Department is equipped with state of the art laboratory facilities like Human Anatomy Lab, Human Physiology Lab, Clinical Biochemistry Lab, Clinical Hematology Lab, Microbiology Lab, Pharmacology Lab, Histopathology Lab, Computer Lab, and more. Students and faculty members are engaged in research, projects and in publishing papers in the International peer-reviewed Journals. Industrial experts, academicians, doctors and hospital personnel visit the campus, to train students in research and industrial opportunities.

## Career Prospects

Ambuja Neotia operates the Bhagirathi Neotia Hospital for Women & Child Care in kolkata and Newtown, several branches of the infertility treatment unit at Genome - The Fertility Centre, West Bengal and neighboring States, multispecialty hospitals, Neotia Getwel Healthcare Centre in Siliguri and outlets of Neotia Mediplus, diagnostic Centres in Kolkata. Thus, increasing employment opportunities for the graduates.

Medical technologists are an integral part of the medical profession. These professionals are involved in the practical and technical work for proper diagnosis and effective functioning of biochemical laboratories. With the development in the private sector, these days there are so many private hospitals, nursing homes, blood banks, pathology laboratories etc. Demand for laboratory technologist is on the up-swing, they can also work as lab manager, consultant, supervisor, health care administrator, hospital outreach coordination, laboratory information system analyst, consultant, educational consultant, coordinator etc.



Professional at a Medical Lab



## Courses Offered

**B.Sc. Radiology and Medical Imaging Technology (BRMIT)**

## Duration



**4 years**

## Eligibility Criteria

**12th standard pass with Physics, Chemistry, Biology / Mathematics subjects with minimum 55% marks.**

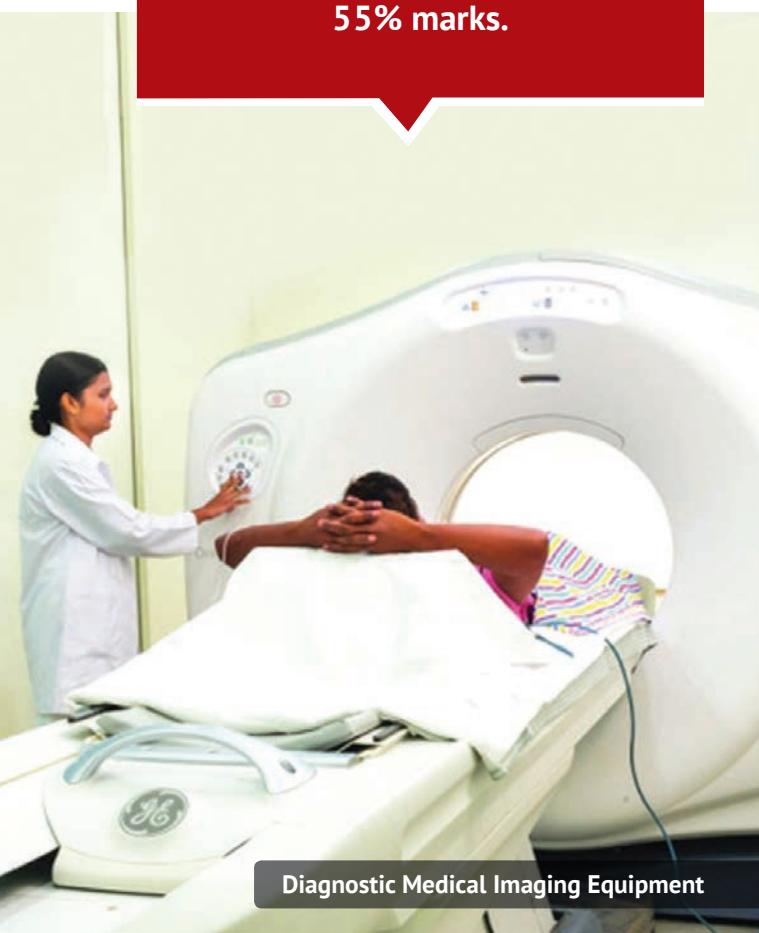
# B.SC. RADIOLOGY AND MEDICAL IMAGING TECHNOLOGY (BRMIT)

The global health market is expected to witness exponential growth from both the demand and supply sides of the ecosystem, and we must focus on making a technology-enabled healthcare ecosystem the backbone to aid India in solving many of its existing healthcare challenges.

B.Sc. Radiology and Medical Imaging Technology (BRMIT) at The Neotia University (TNU) shall train the students to become expert imaging technologists in medical field and enable them to independently manage and operate all the equipment's available in the field of radio-diagnosis and imaging, and assist the medical practitioners in the proper diagnosis of diseases, with minimum radiation hazards and quality patient care. The Course Curriculum is design by Academic and Industry experts. Internship and Training program at various Radiology and Medical Imaging division of Hospitals is mandatory. The Department is equipped with state of the art laboratory facilities. Industrial experts, academicians, doctors and hospital personnel visit the campus, to train students in research and industrial opportunities.

## Career Prospects

The career and job opportunities in the field of radiography are very extensive. In the recent time, with the development in technologies and medical science, the demand of radiographers has increased creating a wide scope in radiology. In India, the radiographers can work both in private & government hospitals. Numbers of jobs are available on part time and full-time work. After completing your Graduates of this program shall work as Radiation Safety Officer, Application Specialist, Technical Supervisor, Medical Advisor, Medical Image Analysis Scientist, Radiographer, MRI Technologist, CT Scan Technologist, Ultrasound Technician/ Diagnostic Medical Sonographer, Imaging Research Manager, X-Ray Technologist, Area Sales Manager, Marketing Executive, Clinical Sales Specialist, Professor and Researcher. The employment prospects for radiographers are vast, both within the country and in overseas.



**Diagnostic Medical Imaging Equipment**





## Courses Offered

**Bachelor in Hospital Management (BHM)**

**Duration** 

**3 Years**

## Eligibility Criteria

**12th standard pass with any stream at least 50% marks.**

# BACHELOR IN HOSPITAL MANAGEMENT (BHM)

Bachelor in Hospital Management (BHM) train students in leadership, management and administrative roles in hospitals, hospital networks and healthcare systems. The Course curriculum is design by Academic and Industry experts. Internship and Training program at various Managerial and Administrative division of Hospitals is mandatory. Industrial experts, academicians, doctors and hospital personnel visit the campus, to train students in research and industrial opportunities.

## Career Prospects

The Ambuja Neotia group with an intent to reach out to the largest number of people operates The Bhagirathi Neotia Woman Child Care Centre, several branches of the infertility treatment unit Genome-The Fertility Centre spread across West Bengal and neighbouring states, the multispecialty hospital, Neotia Getwel Healthcare Centre in Siliguri and outlets of Neotia Mediplus, diagnostic centres in Kolkata. Thus, increasing employment opportunities for the graduates.

Hospitals employs a graduate of Bachelor in Hospital Management (BHM) in the areas of administration, facility-floor management, sales and marketing, centre management, associate professor, teacher or instructor, with an average salary of Rs.5 lac per year. Healthcare portals, International and national health care organizations, hospital consulting firms, pharmaceuticals and hospital supply firms, mental health facilities, health insurance companies, medical software companies, rehabilitation centre and more. Some of the top Hospitals graduates can work for are, Columbia Asia Hospital, Apollo Gleneagles Hospital, Calcutta Medical Research Institute, Fortis Healthcare and Kidney Institute, Ruby General Hospital, B. P. Poddar Hospital and Medical Research Ltd., Woodlands Multi specialty Hospital Ltd., Belle Vue Clinic, AMRI Hospital, Peerless hospital, Tata Memorial Hospital, AIIMS, Lilavati Hospital, NIMHANS, The Bhagirathi Neotia Woman and Child Care Centre. Aspirants can also opt for entrepreneurial ventures in their own hospital firm.



Hospital Professional at Work



## Courses Offered

**Master in Hospital  
Management (MHM)**

## Duration

**2 Years**

## Eligibility Criteria

**Graduate in any subject with  
minimum 55% marks.**

# MASTER IN HOSPITAL MANAGEMENT (MHM)

Healthcare has become one of India's largest sector, both in terms of revenue and employment. The expected healthcare market size in India estimated to be US\$ 372 billion or INR: 26992320000000.00 (as per 20/3/2021, 1 USD= 72.56 INR) by 2022. (Ref. Source: [www.ibef.org](http://www.ibef.org)).

Master in Hospital Management (MHM) at The Neotia University (TNU) train students in Managerial and Administrative roles including ethical and leadership skills, critical thinking, decision-making, and relationship building with team, staff and patients in Hospitals and in Healthcare Institute. Healthcare comprises hospitals, medical devices, clinical trials, outsourcing, telemedicine, medical tourism, health insurance and medical equipment. The Course curriculum design by Academic and Industry experts cover conceptual and quantitative skills needed by future managers in high performing contemporary hospitals. Case based industry knowledge along with mandatory Industrial training and Internship programs at various Hospitals and Healthcare institutes is part of the curriculum. Industrial experts, academicians, doctors, and hospital personnel visit the campus, to train students in research and industrial opportunities. Hospitals organises campus placement drive to select the deserving students.

## Career Prospects

Ambuja Neotia operates, The Bhagirathi Neotia Woman & Child Care Centre, several branches of the infertility treatment unit Genome-The Fertility Centre spread across West Bengal and neighboring states, the multispecialty hospital, Neotia Getwel Healthcare Centre in Siliguri and outlets of Neotia Mediplus, diagnostic centres in Kolkata, thus providing training and employment opportunities for the Students.

Master in Hospital Management (MHM) is a job-oriented program. Postgraduates shall have equal opportunities in getting jobs in Private Hospital and Government Hospitals. Presently, need for personnel's like, Assistant Superintendent (Non- Medical / Medical), Hospital Managers, Project Managers in District Health Programs, is need of the hour. Post Graduates shall also have many opportunities in the field of Medical Tourism, Telemedicine, and Health Insurance or in different projects of International organisations like WHO, UNICEF, and more.



**Hospital Management Professional in  
Consultation with the Doctor**





## Courses Offered

**B.Sc. (Hons.) in Applied Psychology**

## Duration



**3 Years**

## Eligibility Criteria

**12th pass in any stream  
with minimum 50% marks.**

# B.SC. (HONS.) IN APPLIED PSYCHOLOGY

Psychology is the study of human behaviour. Applied psychology is a field that focuses on putting scientific methods, theories and principals of psychology in to practical use. The major perspectives of applied psychology are behavioural, biological, humanistic, psychodynamic, and cognitive. There are a number of disciplines under the field of applied psychology that includes Clinical Psychology, Developmental Psychology, Evolutionary Psychology, Neuro-Psychology, Educational Psychology, Counselling Psychology, Health Psychology, Industrial and Organizational Psychology, Forensic Psychology, Sports Psychology, etc.

B.Sc. in Applied Psychology at The Neotia University (TNU) is a 3-year graduate course. Faculty members are Ph.D holders with Clinical Psychologist license from RCI (Rehabilitation Council of India). The course curriculum is design by Industry and Academic experts that includes the multi-media approach i.e., Psychological Testing and Assessment, Case Studies, Workshops, Self-learning, Counselling Sessions, Assignments, and more. Internship at the psychiatric divisions of top private and government hospitals is part of the curriculum. Students participate in numerous Conferences, Workshops and Submit Papers in International Forums, where they receive the Best Paper Award.

## Department Highlights

- The third batch of Applied Psychology, 15 PG students (BATCH 2018-2020) were selected among 1000 applicants from all over India for one month training at NIMHANS on November, 2019. End of their course they had an examination in which all of them received more than 85% marks evaluated by NIMHANS.
- Two students of first Batch of Post Graduate students (2016-2018) successfully doing their M Phil course at PGIBAMS, Raipur. End of the Semester-2, they are holding two top positions of the college. Remaining one student is working as a counselor in a reputed Higher Secondary School.
- The next batch of Post Graduate students (2017-2019), among 7 students, 4 students have already cleared written examination of the entrance test for M Phil conducted by University of Calcutta, and waiting for their last lap of entrance. 1 student cleared June, 2019, UGC-NET and also got a prestigious job as a student counsellor at Vellore Institute of Technology (VIT). One of the students has applied for her Doctorate Degree at Canada and waiting for her result.
- Two of our students of batch 2019-2021 published their research articles in internationally peer reviewed journals as first author. Some students also had their paper was accepted for oral presentation in reputed international conferences.

## Career Prospects

Due to more demand in health care centres, hospitals, mental health centres, social health services and schools will lead to the growth of employment in psychology sector. Applied Psychology graduates have a vast range of career options. They can easily find jobs in private and government sectors. Psychologist mostly taken up for jobs in various universities, colleges & schools, hospitals, clinics, government agencies, etc. as Clinical Psychologists, Industrial-Organizational Psychologists, Counsellors, Genetics Counsellors, Forensic Psychologists, School Psychologists, Sports Psychologists, Special Education Teachers, Consultant, Art Therapist, utilising tools that include personality assessments, interest inventories, and a host of other evaluation measures. Graduates may pursue postgraduate course in psychology, which will help to get more knowledge, experience, and a higher job roles.



## Courses Offered

**M.Sc. in Applied Psychology**

## Duration



**2 Years**

## Eligibility Criteria

**Graduate with Psychology and having a minimum of 55% marks.**

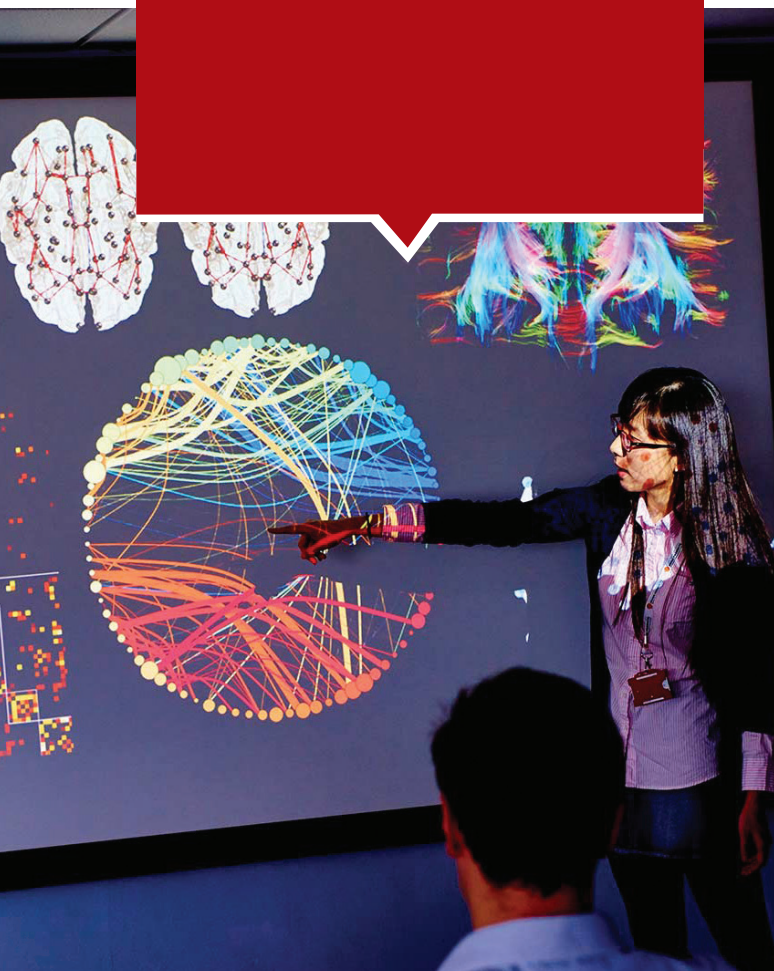
# M.SC. IN APPLIED PSYCHOLOGY

M.Sc. in Applied Psychology is a 2-year Post Graduate course with specialization in Clinical and Industrial or Organizational Psychology. Post-Graduation syllabus is at par with UGC NET or various M Phil Entrance test. Internship programme at NIMHANS, Bangalore and Child development Centre of Apollo Gleneagles Hospital in Kolkata is a regular feature at The Neotia University (TNU) and part of the Curriculum. Students participate in numerous Conferences, Workshops and Submit Papers in International Forums, where they receive the Best Paper Award.

Industrial Experts visit the Campus, to interact with students and train them for the research and industrial opportunities. Students are guided for M.Phil. and Ph.D. Programme. Post Graduates are either working in top-notch organizations in psychiatric division or pursuing higher education from India and Abroad.

## Career Prospects

With the increase in the aging population, mental-health problems, physical problems the need of psychologist is increasing. Applied Psychology postgraduates have a vast range of career options. With a master's degree in clinical psychology, post graduates can practice psychotherapy in limited situations while those with a degree in an experimental psychology area can instead opt to focus on a research-oriented career. Post graduates shall have ample opportunities to work in the speciality areas such as developmental specialist, drug and alcohol specialist, rehabilitation expert, human resources analyst, vocational rehabilitation provider, self-reliance specialist and more. A master's degree in psychology also serves as an excellent preparation for careers outside of psychology. A solid background in research and statistics might also qualify you to work in areas such as market research, human resources manager, public relations representative, employee trainer, project manager and more. Post Graduates may pursue M.Phil & Ph.D courses in psychology, which will help to get more knowledge, experience, and a higher job roles. The compensation and salaries for these individual jobs are specific and depend largely on the skill-set they have built and the experience in the industry.







## Courses Offered

**B.A. (Hons.) in English with  
Specialization in Mass  
Communication**

## Duration

**3 years**

## Eligibility Criteria

**12th Standard pass in any stream  
with a minimum of 50% marks.**

# B.A. (HONS.) IN ENGLISH WITH SPECIALIZATION IN MASS COMMUNICATION

A degree in English Hons. with Mass communication as specialisation form an incredible career path for aspirants in the fields of media, mass communication, advertising, public relation & academics. A Bachelor's programme of English with Mass Communication opens up endless career options for budding young graduates. The techniques and finer nuances required in the study of English help to build a strong foothold in pursuing a successful career in the field of Mass media.

**BA (Hons) English with specialization in Mass Communication** is a flagship programme offered by The Neotia University. Here is a unique opportunity to study English literature with a clear understanding of a vibrant media environment - a degree in English with specialization in Mass Comm. The course has been uniquely structured keeping in mind the future job prospects of students who could either opt for jobs or higher academics just after the completion of their graduation degree. This Mass Comm. and English Literature degree provides subject knowledge and expertise to put what students learn into practice. The English Mass Comm. Bachelors program is prepared to fulfill a vision and a career plan that combines comprehensiveness and depth with a holistic knowledge and hands on exposure to the subjects.



**Television Journalist**

The study of two closely related fields such as English and Mass Comm. encourages students to analyse a diverse range of literary approaches while equipping them with essential knowledge and skills relevant to today's rapidly changing media landscape. While the study of English literature gives one a thorough understanding of prose, poetry and all the finer elements of life, mass communication makes one come to terms with the professional challenges of modern life. Tradition and modernity are seamlessly blended here. A student who therefore decides to take up dual specialisation by studying both English as well as mass communication has a much greater preference over someone who just has a BA in English or one who has a BA in mass communication. That is why a number of top-notch national and international media organisations prefer candidates who opt for such out-of-the-box courses.

**BA (Hons.) in English with specialization in Mass Communication** offered by The Neotia University is the only course offered in Bengal that prepares graduating students for an Industry-based job. The course is offered with a specialization in Mass Communication as a Vocational Elective, to provide students with exposure to the Industry in addition to those who want to pursue higher Academics. Thus, the course has an extra edge in comparison to similar programmes offered by other Universities. There are two exit points, for the students of this course – Industry (jobs) & Higher Academics and Research. The department provides internship and placement assistance to students. The English department has the best teaching faculty with educational qualifications acquired from some of the country's premiere universities and institutes. The department also frequently conducts Lecture series, workshops and webinars to keep students updated with contemporary trends. Industry experts and academic stalwarts design the course curriculum. The department also provides a Ph.D programme in English with research scholars pursuing Ph.D from the department.

## Future Prospects:

The fast booming media and communication industry have in recent years seen unprecedented growth in several sectors, including movies, television, OTT platforms, advertisement, digital & print media, and music. Driven by the robust demand, high competitiveness, and strong governmental support the growth of the media sector promises exciting times ahead. A Bachelor's degree in English and mass communication therefore provide a wide range of job possibilities to the new generation of students

## Career Prospects

The course B.A (Hons.) English with spl. Mass Comm. offers multiple choices in choosing a career, with a variety of job options in Media and Communication sector as well as in Academics. It aims in developing the professional skills of students. There are possibilities for the English Mass Comm. graduates in Media houses (Print & Electronic

media), Publishing houses, Television and Radio channels, Communication Agencies, to name a few. In the public sector, opportunities may include jobs in various Government Agencies under Information and Broadcasting Ministry, Press Council of India, Directorate of Advertising and Visual Publicity, Press Information Bureau, Doordarshan and All India Radio. Graduates in these sectors also work as Television Reporters, Television or Newspaper Journalist, Digital Copywriter, Public Relation Officer or Relationship Manager, Proofreader, Content Writer, Editorial Manager, Web-Content Manager, Social-Media Manager, Script Writer, TV Anchors, to name a few. The professional in these fields earn high remunerations. They can also get employment as English foreign language teachers within the country and beyond. Here are some of the career options for students who graduate with BA English Hons. with specialization in Mass Communication:

- Media Services & Event Management.
- Editorial and Content Development Positions in Reputed Publication Houses
- Publishing careers in varied areas like book publishing, online publishing, scientific and medical journals, business to business (B2B), and commercial magazine publishing.
- Television, Film, OTT platform
- Public Relations & Advertising in Corporate Houses and Public Sector Undertakings
- English as a Foreign Language Expert & Translation Services
- Content Writer in MNCs and Corporate houses
- Marketing / Strategic Communication Positions in Corporate Houses
- Journalism – Print and Electronic
- Social media executive
- In Theatre, Media and Entertainment Business
- English Language and Literature Researchers
- A career in Civil Services
- Writer and Publisher
- Bloggers/ Critic/ Reviewers

“Live the experience of studying  
BA English Hons. with specialization  
in Mass Communication at  
the English Department of  
The Neotia University.”





## Courses Offered

**BBA (Hons.) with  
specialization in  
(a) Digital Marketing  
(b) Logistics & Supply  
Chain Management**

## Duration



**3 years**

## Eligibility Criteria

**12th Standard pass in  
any stream with minimum  
50% marks.**

# BBA (HONS.) WITH SPECIALIZATION IN (a) DIGITAL MARKETING (b) LOGISTICS & SUPPLY CHAIN MANAGEMENT

Bachelor of Business Administration (BBA) is a popular course among students aspiring to venture into the world of management. BBA (Hons.) degree aims at providing fundamental education in business management principles, human capital management, finance, laws and policies concerning business management, decision making, financial statement analysis, wealth management etc. that is necessary for effective business management, and entrepreneurship.

Bachelor in Business Administration (BBA) (Hons.) at The Neotia University (TNU) offers specializations in Logistics and Supply Chain Management and Digital Marketing that prepare students for jobs in the Corporates. Faculty members are experienced in both Academic and Industry. Industrial training and internship programs at various corporate houses is part of the curriculum. Internship at the Times of India (TOI), The Hindu, Hind Radio, Intershala, Blitz Job, Pantaloons, Ambuja Neotia and more is a regular feature at the University. Experiential learning through case studies of Harvard Business Review, Entrepreneurship and Management program provided to prepare future entrepreneurs with the skills and knowledge to start and manage their own businesses for better understanding of the subject problems.

Industrial experts visit the campus, to train students in research and industrial opportunities. Students guided for various entrance exams like CAT, MAT and XAT for better future prospect.



Steps of Digital Marketing

## Career Prospects

### Specialization in Digital Marketing

With almost all the companies moving their businesses online, the demand for digital marketers has multiplied, which has opened the door to many job seekers around the world. The world is going digital. According to the researchers, the growth rate of the digital economy is ten times that of the traditional economy. The size of companies conducting business online is twice that of the conventional economy. The rise of social media giants, increased internet penetration and easy availability of devices (used to access the internet) has contributed to the growth of Digital Marketing.

There are the various career opportunities for the graduates in BBA (Hons.) (Digital Marketing), the candidates are assigned roles in the Digital Marketing Department of MNCs, Start-ups, Data Analytics Agencies, Internet Technology Businesses, Social Media Marketing Agencies & Online News Portals, Magazines and similar Publications. They are assigned various roles such as, Digital Marketing Manager, Web Developer and Web Designer, SEO Executive or a Manager, Social Media Executive or a Manager, Project Lead or Manager, Content Manager, Web Analytics, Customer Relation Manager, Email Marketing Manager, Digital Agency Account Director, and more.

### Specialization in Logistics & Supply Chain Management

Many consumers don't recognize how extensive an entire supply chain is, as they only consider how they procure a product. In order to get from point A to point B, businesses need to organize transportation, storage, and other inventory means. Logistics management involves monitoring the flow of supplies between their origin and the final point of consumption. These points tend to look different depending on the business and its position within its supply chain. The transported materials are also different depending on the industry. Supply chain management is the overall management of supplies as they evolve from raw materials in production to finished products. Any action of procuring, developing, managing, distributing, or selling products is a part of supply chain management. Graduates can choose their careers in any of these fields – pursue MBA, apply to be a Chartered Accountant, appear for Civil Services Examinations, Defence Services, Law Courses, Banking Sector, Finance Sector, Industrial Firms, or become an Entrepreneur. They can work in various sectors as E-Commerce Manager, Supply Chain Manager, Material Manager, Demand Planner, Master Production Scheduler, Sourcing Manager, Analyst, Consultant, International Logistics Manager, Inventory Control Manager, Logistics Engineer, Logistics Manager, handling the smooth functioning of different operations such as retail, finance, revenue and shares, information technology, advertising, E-tailing, and more.



Logistics & Supply Chain Management  
Professional at Work





## Courses Offered

- Integrated BBA with LLB (Hons.)
- Integrated BA with LLB (Hons.)

## Duration



5 years

## Eligibility Criteria

12th Standard pass with any subject at least 55% marks.



BAR COUNCIL OF INDIA

The five years integrated course of BBA with LLB (Hons.) and BA with LLB (Hons.) of The Neotia University (TNU), West Bengal has been approved by the Bar Council of India.

# INTEGRATED BBA WITH LLB (HONS.)

Integrated 5 years programs in BBA with LLB (Hons.) at The Neotia University (TNU) approved under Bar Council of India. The program help students to gain knowledge on two wide disciplines Business Administration and Law. As a part of the BBA with LLB course, aspirants are provided with an in-depth knowledge of Commerce subjects such as Principles of Management, Financial Accounting, Computer Applications, Effective Communication, and more, with intricate details of law subjects such as Law of Torts, Constitutional Law, Property Law, Company Law, Administrative Law, Civil Law, Criminal Law, Family Law and the likes. Thereby, facilitating a truly interdisciplinary approach to learning law.

Faculty members are experienced in Academics, Courts and have Industry background. Industry and Academic stalwarts from the specialized areas design the curriculum. As part of the curriculum, students visit Legal Aid Clinics, where they interact with clients to provide legal relief to the downtrodden. Courtroom learning at the Calcutta High Court, Alipore Court and Diamond Harbour Court and in top-notch corporate houses is part of the curriculum to understand the framework of significant concerns in jurisprudence and theories of justice. Special Classes are organized for Drafting by professional experts like Senior Advocate and Retired Judges. Special Lectures are also organized for the students by inviting Legal luminaries from pan India and abroad to discuss and interact with the students on contemporary socio-legal problems. Workshops, Seminars and Webinars are organized at regular basis on National and International Level.

Students get a taste of real court proceedings in the moot court. A moot court not only helps in enhancing legal knowledge, but also in brushing up communication, drafting, legal research, and presentation skills. Most importantly, it helps us increase confidence. Moot court competition is also organized for the students for having exposures of the students in the legal milieu.

## Career Prospects

Students after successfully completing their 5-year Integrated BBA with LLB programme will receive a lot of employment opportunities in PSUs, International and Domestic law firms, corporate legal departments, litigation firms, legal process outsourcing, IP firms, banks, excise department and more. Graduates can join the judicial service of the state as a magistrate after passing judicial service exam and work as a judicial magistrate, sub-magistrate, civil judge, advocate, notary, etc. in legal or judicial system of India. Students can also work in business houses as finance manager and legal advisor, law officer, business consultant, law reporter, general counsel in the legal departments of companies, paralegal assistant with law firms, management accountant, company secretary, human resource manager, and as legal professor in Universities. Graduates can also appear for Indian Civil Services, State Legal Services, and Public Service Commission Entrance exams after BBA LLB.



## INTEGRATED BA WITH LLB (HONS.)

Integrated 5 years programs in B.A with LLB (Hons.) at The Neotia University (TNU) approved under Bar Council of India. The program help students to gain knowledge on two wide disciplines Humanities and Law. The BA LLB encompasses an interdisciplinary study of Arts stream subjects such as Sociology, History, etc. along with the study of law and legislature. The BA LLB subjects also comprise of Civil Law, Corporate Law, Patent Law, Labour Law, International Law, Administrative Law, to name a few.

Faculty members are experienced in Academics, Courts and have Industry background. Industry and Academic stalwarts from the specialized areas have design a balanced curriculum with a combination of classroom learning as well as mock court drills, case studies, research work, law internships, and more. Students visit Legal Aid Clinics, where they interact with clients to provide legal relief to the downtrodden. Courtroom learning at the Calcutta High Court, Alipore Court and Diamond harbour court and in top-notch corporate houses is part of the curriculum to understand the framework of significant concerns in jurisprudence and theories of justice. Special Classes are organised for Drafting by professional experts like Senior Advocate and Retired Judges. Special Lectures are also organised for the students by inviting Legal luminaries across India and abroad, to discuss and interact with the students on contemporary socio-legal problems. Workshops, Seminars and Webinars are organize at regular basis on National and International Level.

Students get a taste of real court proceedings in the moot court. A moot court not only helps in enhancing legal knowledge, but also in brushing up communication, drafting, legal research, and presentation skills.

## Career Prospects

Students after successfully completing their 5-year Integrated B.A with LLB programme will receive a lot of career opportunities in PSUs, International and Domestic law firms, corporate legal departments, litigation firms, legal process outsourcing, IP firms, banks, excise department and more. Graduates can join the judicial service of the state as a magistrate after passing judicial service exam and work as a judicial magistrate, sub-magistrate, civil judge, assistant lawyer, solicitor, legal associate litigator, advocate, paralegal, notary, etc. in legal or judicial system of India.

Graduates can also appear for Indian Civil Services, State Legal Services, and Public Service Commission Entrance exams after BA LLB. Some of the top companies who recruit are SEBI, ONGC, IOCL, SAIL, FEMA, Khaitan & co., Pangea3, ITC, E&Y, PWC, ICICI Bank, etc.



Industrial visit to Courts is a regular feature at TNU



Moot Court Session





## Courses Offered

**B.Com (Hons.) with  
Specialization in Taxation  
and E-Commerce**

## Duration

**3 years**

## Eligibility Criteria

**12th pass in any stream with  
a minimum of 50% marks.**

# B.COM (HONS.) WITH SPECIALIZATION IN TAXATION AND E-COMMERCE

GST (Goods and Service Tax), is a new tax regime for current taxation system of India. Over a span of 3 years, the implementation of GST has increased employment opportunities in the various sector such as automobiles, logistics, e-commerce, retailing, manufacturing, services, supply chain, banking, financial, and more. In addition, the IT companies in preparing GST software handle the major part of the development, thus the IT sector is playing a significant role in expanding the GST around the nation.

B.Com. (Hons.) with Specialization in Taxation and E-Commerce at The Neotia University prepares students to learn GST and Tally for a rewarding career path. The Course Curriculum is design by Academic and Industry experts, which include subjects which will provide understanding and learning of compliances like, GST and its implication in business, Tally software, Database Management, different computer applications in business like Oracle, Java and more. Faculty members are experienced in academics as well as industry and have an in-depth understanding of the GST and its various aspects. Internships programs at various financial division of organizations, is part of the curriculum. Industrial experts visit the campus, to train students in research and industrial opportunities.

## Career Prospects

There is an adequate scope for Graduates in B.Com. (Hons.) with specialization in Taxation and E-Commerce in the corporate sector, as charging GST is a part of every business, whether small or big ventures or private firms. According to the sources, companies appointed accountants and tax consultants for a better approach towards the GST. There has also been a consistent increase in requirement for Tally trained professionals, which has expanded even more because of strict compliances. Graduates are also assigned in the roles of Employment Tax Specialist, Personal Finance Consultant, Assistant Manager – Taxation, Senior Executive Taxation, Executive Indirect Taxation, Accountant – Indirect Taxation, Head – Corporate Taxation, Finance Manager, Probationary Manager, Income Tax Officer, Web Consultant, E-Commerce Business Manager, Operations Manager, Business Analyst, Auditor, Chief Financial Officer, E-Commerce Analyst. Since, GST has increased the new business plan and motivated the new businesspersons to take new initiative regarding business and consequently, the jobs and self-employment have increased in India. Graduates can also start their own consultancy firm.



## Courses Offered

**Bachelor of Pharmacy (B.Pharm)**

## Duration



**4 Years**

## Eligibility Criteria

**12th standard pass with Physics, Chemistry, Biology / Maths with at least 60% marks.**

# BACHELOR OF PHARMACY (B.PHARM)



PHARMACY COUNCIL OF INDIA

Bachelor of Pharmacy (B.Pharm) course of the School of Pharmacy at The Neotia University is approved by the Pharmacy Council of India (PCI), New Delhi and recognize by the Govt. of West Bengal. With qualified experts' association from the multinational Pharma companies, Research organizations and Drug Regulatory bodies boosts the academic curriculum with high-end skill, knowledge and training are the added advantage of the students. The faculty members have expertise knowledge and skills in academic and industry. Internship programme and Industrial training is part of the curriculum. National model for interaction with technocrats across the country to advance the knowledge and training is a strong incentive for graduating Pharmacy students to practice after completion of the course.

The School strives not only to provide quality education and training in Pharmaceutical Sciences but also to establish itself in research leading to Ph.D. in Pharmacy and provides an ideal platform for the overall development of highly competent Pharmacy professionals.

## Career Prospects

Pharmacy graduates have an important role, can earn attractive remuneration, and can occupy various strategic positions both in India and abroad. Graduates can join the unit of production and manufacturing of drugs and pharmaceuticals, biotechnological products, surgical dressings, medical devices, equipments and more. They can also join the regulatory bodies as drug inspector, drug analysts, drug controller of state and finally drug controller of India. Pharmaceutical giants to handle sensitive analytical dealings and equipment recruit highly skilled Pharmacy graduates.

Graduates have a high demand in research, development and formulation of new drugs, clinical trials and toxicological studies. They can pursue higher studies in Pharmacy, Master of Pharmacy (M.Pharm) and then a Ph.D. The Pharmaceuticals sales and marketing is considered a highly technical arena and hence one of the best when it comes to perks. Graduates can also start their own Pharma business.

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*1. Tissue Regeneration.*

*2. Development of mesoporous nanoparticle for oral drug delivery to treat visceral leishmaniasis and its evaluation.*

*3. Development of Nanoparticulate Based Local Drug Delivery System against Malignant Skin Lesions.*

*4. Immunity boosting potent natural oils with some combination.*

*5. In-silico anti SARS COV-19 molecule identification.*

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Pharmacy Lab



# INTERNSHIP & PLACEMENT

The Neotia University (TNU) provides a mandatory Internship Programme for all Undergraduate and Postgraduate Students, to Intern at various Corporate Houses, Research Organizations, Social Impact Groups (NGO's), Healthcare Organizations, as part of the Course Curriculum. This provides a natural extension to the educational experience by adding a valuable professional experience and continue to build leadership skills for the students.

**Debanik Roy**

B.Tech in Robotics and Automation Engineering

I completed my paid Internship from BPC Pi Innovation Technologies LLP. During my training period, I worked on Lidar 3D point cloud analytics and statistical analysis based application for autonomous vehicles - UAV, AGV and UGV. A certificate on completion of the training period was awarded to me.

**Samrat Banerjee**

Bachelors of Business Administration (BBA)

I have completed my internship from Urban Company (Urban Clap), I worked as 'operation intern'. During my internship I learn about Analytics, Marketing research, Business expansion process. Apart from this I did my internships from Times Group, Unacademy, IIM Lucknow & Delton cable limited in different designations.

**Supriya Poddar**

M.Sc Applied Psychology

I completed three Internship programs from Kolkata Institute of Graphology, Psychoshiksha, and Psychschool. During my Internship, I have worked on handwriting analysis and various aspects of organizational psychology. I am also doing research work in Intellify, India on Problem solving skills and public dealing.

**Beena Pradhan**

Bachelors of Business Administration (BBA)

I am Beena Pradhan, pass out BBA student of TNU. 2021 was my final year through 2 internships. Ambuja Neotia also gave me a chance as an intern. Now I am working with ZHONGCAI CHEMICAL BUILDING MATERIAL PRIVATE LIMITED (ZHONGCAI GROUP). It is Multinational Company and this big chance came to me because of TNU. I think it's all blessing to me.

**Ritmalya Sahu**

B.Sc in Hospitality Administration

I did my Internship program in Food & Beverage from Hyatt Regency Kolkata. During the training period, I learned operational works such as order taking, clearance, billing, situation handling and customer satisfaction.

**Tania Ganguly**

B.Tech CSE (Data Analytics)

I completed my Internship Program on Machine Learning and IOT from Nation Innovation, with a stipend per month. Apart from this, I also did my Internship from NIT, Durgapur under the Supervision of eminent Professors on Data Science.

**Dristi Mukherjee**

M.Sc in Biotechnology

I completed my Internship program from the World's Largest Vaccine Manufacturer, Serum Institute of India Private Limited. I was working in the production process of bacterial and viral vaccine in Dengue Lab where experimentations to find the marker for Dengue Vaccine was conducted.

**Sumana Banerjee**

Bachelors of Business Administration (BBA)

Presently working with Bhairamal Gopiram Properties LLP (Real-Estate organization) as Sales Executive.

I have pursued Graduation in BBA with specialization in Marketing Management. During my final year, I did my internship program from Aditya Birla Group as HR Intern and then completed 6 months industrial training at Ambuja Neotia as a marketing trainee.

**Ahan Chatterjee**

B.Tech CSE (Data Analytics)

My research interests are in the areas of Machine Learning, Deep Learning, and Applied Data Analytics in Healthcare and Financial Market. I have worked in several organizations namely, CSIR-CDRI, GoOffer Hyperlocal Pvt. Ltd., Research Guruji, Daten & Wissen Pvt. Ltd, and Calcutta University as Research and Data Science Intern.

**SK Mariyas**

B.Sc in Hospitality Administration

I completed my Internship Training from Oberoi Udaivilas, Udaipur. During the training period, I gained knowledge of different departments of hotel such as front office, housekeeping, human resource, etc.

**Rishikesh Sinha**

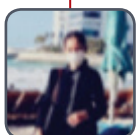
Bachelor of Business Administration  
School of management studies

My experience of education in The Neotia University is great and memorable. I learnt a lot of managerial and entrepreneurship skills along with my studies curriculum. I got valuable exposure through real time projects and internships with big organisations like Ambuja Neotia and Times of India. I started my career path with Byju's and got a chance to work with BAJAJ Group also. Currently I am utilising my skills to grow a business in their growth and marketing domain.

**Rohit Sinha**

B.Tech CSE (Cyber Security)

I have completed multiple Internship program in various Companies and Research labs like AiLabs, Myriad Cara, Aam Admi party. I also did an Internship program at GlobSyn 3rd. Life and Adaptflex, with a stipend per month. During campus placement, I received offers from Unified InfoTech and Cognizant Technology Solutions (CTS).

**Barsha Rai**

B.Sc in Hospitality and Hotel Administration with swiss diploma

Choosing The Neotia University to pursue my degree in Hospitality and Hotel Administration was one of the best decisions of my career. The Neotia University and School of Hospitality and Culinary Art offers world class training and placements. I got chance to be a part of Jumeriah al Naseem (Dubai) as an on job trainee in my final semester. This has opened the many doors for my career. The confidence, knowledge and skills which I got at TNU has really helped me a lot in every aspect.

**Sampurna Mandal**

B.Tech in Robotics and Automation Engineering

I did my Internship at DCG AI Labs Academy Pvt. Ltd. on an HR chatbot-Preparing Expressions, Intent, and Developing Agent, Bot. The tools used was Google's Dialog flow, AI-enabled LOS Prediction of ICU Patients. I also worked on, exploring EMR data for feasibility study, analyzing and preprocessing the EMR data, performing extensive research to develop a robust AI model.

**Suman Sikder**

School of Hospitality and Culinary Art

Being from the very first batch of SHCA of The Neotia University, it gives me immense pride to share that I got selected as a Management Trainee at MAYFAIR hotels and Resorts. With the dedication and efforts within a small tenure of time I was given the opportunity to serve the leading delegates of the country like Prime Minister of India, Chief Minister of Odhisha, Chief Justice of India, Indian & South African Cricket Team and many more. This all has happened because of the learnings I got at TNU mixed with hard work. SHCA is one the leading hospitality school of India having well equipped labs, world class faculty, smart classrooms and many more.

**Lavi Dutta**

Bachelors of Business Administration (BBA)

I am currently working as a Project Manager in Phaico. TNU really helped me a lot to gain Industrial exposure during my study. Apart from that really wants to Thank you to our placement cell for gave me the opportunity to did Internship with renowned Brand like Pantaloons, Time's of India. That practical experience helped me to understood how the practical world work.

**Raj Zamal**

B.Tech CSE (Cyber Security)

I completed my Internship program from University of Calcutta (CU). I worked on a project where I had Implemented Blockchain on Internet of things IOT. It was a great learning experience. Blockchain and Internet of Things (IoT) are both poised to be world-changing technologies. Hence, it was a great learning experience.

**Niladri Debnath**

B.sc. in agriculture

Great learning experience. Amazing guidance from the faculty members, supporting nature all the time. University infrastructure is top notch with all the facilities available like class room, laboratories, libraries, sports centres and hostel. Placement cell is in the University which provides all the training program to be fit for the industry. Online company test preparation and technical round and mock interviews prepare the students for real interviews and get placed.



# INFRASTRUCTURE FACILITIES

The University is equipped with avant-garde Infrastructure. We offer a rather impressive array of facilities viz smart classrooms, modern laboratories, conference and seminar halls, Wi-Fi enabled campus, a high-tech Learning Resource Centre, state-of-the-art IT Centre, clean and airy student residences, mess serving wholesome meals, indoor and outdoor sport facilities including a plush new gymnasium with latest equipments. Campus Banking Facilities, Doctor-on-call and Hospital Linkages are also available to enhance the student's convenience.



The Library containing Books, Periodicals, and other Materials for Reading



MORE THAN

## 31000 BOOKS

NATIONAL AND INTERNATIONAL

### Library

We have a world class library with 8000 sq.ft of reading area, as well as niche corners for solo study. With a collection of nearly 31000 National & International Books, 3 million E-Books & Journals, we offer a high tech catalogue from which students can access a wide range of online books and journals.

Expert Librarians are available in person to help navigate our extensive collection of discipline specific literature, books, periodicals, project reports, online periodicals and question bank. Besides the central library, each department has their own fully equipped library as well.

*“The University is monitored by CCTV cameras and Turnstile machines are installed to keep the record and vigilance on the movement of students.”*

### Smart Classroom

All departments of the University boasts of smart classroom facility, which makes learning more interesting and easy.

### Workshop

The large size of 10000 sq. ft. of workshop with all the latest types of machinery installed within. Students are trained on these machinery under the guidance and supervision of qualified and trained experts on various programmes offered by the University.

### Laboratories

All departments have well equipped laboratories supervised by experienced faculty members & trained technicians to help the students in performing experiments. There is also a highly advanced language laboratory to help students to improve their communication skills as well as gesture, posture & body language

### ATM

There is a dedicated ATM of Axis Bank for the institute within the campus boundary wall.

### Moot Court

Students get a taste of real court proceedings in the moot court. A moot court not only helps in enhancing legal knowledge, but also in brushing up communication, drafting, legal research, and presentation skills.

### Book Bank Facility

The University Book Bank provides students with books, that they return at the end of the Semester.

### Wifi

The entire campus is WiFi-ed with 54 mbps speed including hostels.

## Ship-in-Campus

Ship-in-Campus of the institute is an in-house ship building which is in working condition consisting of a 4000 BHP Ship Engine along with complete set of machineries

available on the ship like Generator, Oil-Water separator, Boiler, Fire Control Lab, etc. This is the only working Ship-in-Campus in Eastern India of its size and students are provided hands-on training on various machineries of it.

## Hostels

There are 5 nos. of hostels inside the boundary wall of campus, out of which 4 hostels are for boys accommodating approximately 1500 students and a separate hostel for girls accommodating approximately 550 students with dedicated canteen and common rooms in each hostel building with security guards and power backup 24x7.



Ship in Campus



Cricket Coaching for Students

## Football Ground

There are 2 large size football grounds within the campus for various outdoor sports activities and to organize various sports competitions.

## Basketball Courts

There are 4 basketball grounds with latest equipments and a trainer to train the students.

## Table Tennis

Each hostel has Table Tennis Board and necessary equipment along with a trainer to train the students.

## Cricket Practice Court

There is a separate facility available for the students to practice cricket under the guidance of the highly qualified trainer who has served as National Cricket Coach.

## Multipurpose Hall

A large size of 13000 sq. ft. of Multipurpose Hall is available within the campus to organize various programs and activities like Seminars, Quiz and Drama along with indoor sports.

## Bridge Simulator

The BNS Department of the institute provides training to students on a high end latest Bridge Simulator to give feel and experience, while sailing the ship under various climate conditions in the sea.

## Free-Fall Davit

Probably, this is the First Institute in India, which has a Free Fall Davit training facility for the students.

## Campus Vigilance and Security System

The Main gate of the University is monitored by CCTV cameras and Turnstile machines are installed to keep the record and vigilance on the movement of students. The campus is guarded by a high wall surrounding to it and is well secured. The students are required to access smart card for entry and exit. This ensures that outsiders are not having any unauthorized access. Security is a prime concern for the university.

## Cafeteria

A high quality hygienic fast food joint is available within the campus to supplement the taste of students and staff members.v

## Laundry

The University has the facility of laundry service to its resident students. The students residing in hostels may avail the laundry facilities against reasonable charges.



# LIFE AT CAMPUS

The Neotia University (TNU), West Bengal, is spread over 60 acres of lush green, beautifully landscaped campus in the outskirts of Kolkata. The four sections of campus are Scholastic Buildings, Sports Pavilion, Socio-Cultural Arena, and Administrative Block. We offer a rather impressive array of facilities to enhance students' life at the campus.

## Dining and Housing

All hostel blocks, separate for boys and girls, come equipped with their own dining halls, common rooms and housing services. Bored of studying and want to take a break? Hop on down to one of the common rooms for a game of Carrom or one of the Volleyball courts for a friendly match between friends and classmates. We also offer several housekeeping services like laundry services to ease some of that workload for our most hardworking students.

Each hostel is supervised by an experienced warden as well as a faculty in charge to ensure the safety and well-being of our students.

We also accommodate special requests based on allergies and dietary restrictions. For a bite to grab on the go, we even have a Tea Junction outlet on campus.



Swimming Pool



University Canteen



TNU encourage students to learn from one another



Boys Hostel

## Gymnasium

Students who are into fitness and cardio-vascular and resistance training, they can head to our fully equipped gymnasium, to stretch their muscles. The gymnasium has all the makings of a professional gym. Students will find a range of resistance machines and free-weights to suit their physical workout regimes.

## Swimming Pool

A full size state-of the art Swimming Pool with a dedicated Trainer and Life Guard caters to Swimming as a passion or leisure and also for professional requirement for MRE and BNS Courses.

## Health and Wellbeing

There is a doctor on campus at all times and we have a fully equipped dispensary to treat a wide range of illnesses. For emergencies, there is also an ambulance on standby as well as tie-ups with all the major hospitals nearby.

## Ragging Free Campus

We have a strict Anti-ragging Policy in place. The Anti-ragging Council comprises several senior faculty members who make sure all policies are enforced in entirety and students do not feel threatened in a new atmosphere.

## Discipline & Safety

Our campus has a vibrant and strong community feel. We are committed to the safety of our student community. Highest priority is attached to discipline, which plays a vital role in shaping personality & professional outlook. Any act of breaking the discipline is invariably detected and we maintain zero



Campus Gymnasium



University Basketball Court

## SPORTS FACILITIES at The Neotia University

### (A) Indoor games facility:

- Table Tennis - Boys and Girls • Carrom - Boys and Girls
- Chess - Boys and Girls • Chinese Game - Boys and Girls
- Badminton - Boys and Girls • Yoga Practice - Boys and Girls

### (B) Outdoor games facility:

- Football - Boys • Cricket - Boys • Volleyball - Boys and Girls
- Basketball - Boys and Girls • Self Defence - Girls Student
- Athletic Practice • Swimming Competition • NSS Program
- Sports Class • Swimming Class

### (C) Swimming pool - boys and girls

### (D) RAMPEGE INTER-College sports meet-boys and girls student

### (E) Neotia Premium League intra-college sports meet- boys and girls student

### (F) Annual Athletic meet (Sports day)- boys and girls student

### (G) Intra-College (Department)sports meet- boys and girls student

### (H) Gymnasium - Boys ( h 7) and Girls ( h 3) and Falta campus ( 3 Separate Gyms )

### (I) Outsider Inter - college Sports meet (All Bengal).

## 2022 sports activity result

- 26<sup>th</sup> January'22 Friendly Cricket match- student vs teacher (Champion teachers).
- 20<sup>th</sup> to 27<sup>th</sup> February '22 Hostel Premier League Cricket Champion name **Daredevil**
- SPORTS DAY ATHLETIC MEET 4<sup>th</sup> and 5<sup>th</sup> March'22 -participant total 279 boys and girls
- BBIT Inter-College Sports meet 2022 ( 11.3.22 to 25.3.22 ) Volleyball and Football Runner-up, Basket Ball girls runner-up, Badminton girls champion.
- Rampage'22 Inter-College sports meet champion Football, Cricket, Basketball girls, Chess, Table-Tennis and Badminton girls, runner-up Volleyball boy and girls, Badminton boys, Basketball boys,

tolerance policy for such acts. All entry and exit points and key locations across the campus are monitored 24x7 by a professional security agency with the help of modern communication aids and CCTV cameras.

## Students Technical Cultural Clubs and Activities

We have a 10000 sq. ft arena to host events like socio-cultural and technical activities, exhibitions, sports competitions, quiz contests, etc.

- **CLUB MARINE:** This club was formed at the inception of the Marine and BNS courses and exists under School of Maritime Studies and OIC sports comprising BNS and Marine Cadets.
- **TECH NICHE:** The Technical Club has been formed since the inception of the Technology & Technical related courses. All through the year, the club conducts various activities like seminars, presentations and lectures pertaining to the Technology subject.
- **TURNING LENS:** The photography club has been formed by budding photographers from all streams. The club is connected to **Kolkata Turning Lens Peoples Society**, and has student members from there as well.
- **AJANTRIK:** The Cultural Club comprises student from all streams. The club forms the Cultural Committee of the University, and organizes several sport, culture and welfare

activities throughout the year. Teaching poor children of adjoining villages and conducting Blood Donation Camps are among the major charitable and welfare activities performed by the club.

- **RHYTHMS:** This Music and Drama Club organizes and facilitates Cultural Programmes at the Intra and Inter Collegiate levels. The club holds auditions for all drama, dance and music events which are performed/ participated in by the University at the Inter Collegiate Meets and Fests.
- **ECO SPHERE (NATURE CLUB):** The Nature Club is proposed to be started very soon, with a motive of planting more trees, maintaining ecological balance in the campus, conserving natural flora and fauna, holding awareness campaigns and programmes related to eco-friendliness, hygiene, cleanliness and nature conservation within the Campus.
- **E CELL:** The Entrepreneurship/ business Club encourages students to come up with business ideas and proposals, which are discussed in open forums, in presence of professionals and experts.
- **CINE CLUB:** The Cine Club of The Neotia University have been formed with lots of enthusiasm and passion. The club members have already produced two short films (Mirror and Adrishya) and immensely appreciated by eminent personalities across the society. They are working very hard to shot and produce more creative, meaning and value added films that will have positive impact in our University and the society as a whole.



# ALUMNI

TNU is relatively new in its present configuration, but has its antecedents in the 16 year old institution called Neotia Institute of Technology, Management and Science (NITMAS), from where we have more than 3000 Alumni working successfully in their chosen walks of life, across the world.



## **Sourav Das**

B.Tech in Robotics Engineering

I am presently working with Deasysoft Technologies as an IoT Developer after successful completion of my assignment as Project Trainee with a package of 4.22 Lacs. Faculty members are extremely helpful. TNU has Industry Tie-up with Phi-Robotics Private Limited, Maharashtra.



## **Sanhati Panigrahi**

M.Sc Applied Psychology (Clinical Psychology),

I am currently working as school counsellor at Asian International School. TNU has prepared me for the professional work as a Psychologist. Guidance, Knowledge from Professors helped me a lot.



## **Shinjini Deb**

M.Sc Applied Psychology

I am currently working in Apollo Gleneagles as a psychologist. Also my research paper got selected in international conferences for oral presentation. TNU and the faculty of psychology department helped me intern in places like NIMHANS, Cini, Pavlov Mental Hospital and Apollo Gleneagles Hospital.



## **Soumyadeep Bhadra**

B.Tech in Robotics Engineering

I am presently working with Indus Net Technologies Pvt. Ltd. as an Associate Software Engineer with a package of 4.11 Lacs. I completed my B.Tech degree from TNU. Internship program at various well-known organizations is a regular feature at TNU. Placement record of the University is extremely good, with 90%-95% students getting placed.



## **Arindam Halder**

B.Tech CSE (Cyber Security)

I have completed by Graduation in B.Tech CSE with specialization in Cyber Security. Under their guidance and support of my faculty members, I have receive the 'Hall of Fame' from Apple for reporting vulnerability in apple security system.



## **Hironmoy Chakraborty**

B.Tech CSE (Cyber Security)

I am presently working with CGI Inc. I pursued Graduation in B.Tech CSE with specialization in Cyber Security. During my final year in B.Tech, as part of the curriculum, I completed my internship programme from EME Technologies.



## **Cadet. Nilay Bhardwaj**

Bachelor of Nautical Science

I am building my career path with Mitsui OSK lines (MoL), Tokyo (Japan). 90% of the students of Maritime Studies, TNU is placed in top most shipping companies. I am now sailing on Sunshine Ace, Pure Car Carrier (PCC Vessel) across Middle Eastern Ports, Europe, Japan, Hong Kong, Malaysia, Indonesia and Australia.



## **Srilekha Ghosh**

School of Hospitality and Culinary Art

I am working at Mayfair Hotels & Resorts. I completed my graduation in B.Sc in Hospitality Administration. During my final year, I completed my Internship from The Lalit Great Eastern-Kolkata, where I have received the Best Trainee Service Award in the Front Office.



## **Swarnojit Sarkar**

B.Tech CSE (Cyber Security)

I am working with Cognizant Technology Solutions (CTS) after completing my Graduation in B.Tech CSE with specialization in Cyber Security. In my final year, I did my Internship program in AmbujaNeotia.



## **Suman Sikder**

School of Hospitality and Culinary Art

I am presently working with MAYFAIR Hotels & Resorts. I pursued Graduation in B.Sc. in Hospitality Administration, during my final year; I did my Internship from, Swissotel-Kolkata. Guest lectures, Internship programs and Industrial training is a regular feature at the University.



## **Adriraj Das**

B.Tech CSE (Cyber Security)

I am presently working with Zensar Technologies as Junior Software Engineer. I pursued Graduation in B.Tech CSE with specialization in Cyber Security. During my final year in B.Tech, as part of the curriculum, I completed my internship programme from Indian Cyber Security Solutions.



## **Sampreet Sarkar**

B.Tech Robotics and Engineering

I am currently pursuing Master Degree in Control & Robotics with specialization in Embedded Real Time Systems at Ecole Centrale de Nantes. During my final year of graduation in B.Tech Robotics and Engineering, I completed Internship at WABCO that was a great learning experience. WABCO provided a stipend of Rs.12000/ month to all Interns.



# AWARDS, GRANTS & PUBLICATIONS

The Neotia University (TNU) fosters a rich research community, across disciplines and supports the research pursuit of the Faculty Members, Visiting Scholars and the Students. The interdisciplinary nature of research pushes the boundaries and bridges disciplines to open endless possibilities for exploration. In the last couple of years, the University has published 2500+ research work in renowned National and International peer reviewed Journals or Conferences.



**Dr. Biswajit Ghosh**, Vice-Chancellor, TNU

Dr. Ghosh is honoured by International Solar Energy Society (ISES) as one of the pioneer researchers of the World in the field of Solar Energy. He is featured in the book "The Century of Solar-Stories and Visions", where a list of the pioneer researchers of the World has been mentioned for their work in the field of 'The Sun in the Service of Mankind'. Dr. Ghosh discovered electro-kinetic effects from photovoltaic power plants, which showed its potential applications for 'Agrivoltaic', the dual use of land for energy and food security.

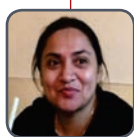
The Neotia University (TNU) is in the DST, Govt. of India's Mission Innovation Program 'Integrated Clean Energy Material Acceleration Platform (IC-MAP)' (2021-22).

TNU is assigned to develop the Novel Catalysts and Design Reaction Engineering in converting the syngas & bio-oil from biomass gasification into H<sub>2</sub>. To develop this, DST has sanctioned a sum of Rs. 64.5 Lakhs to TNU for three years of duration. The Project at TNU will be executed under the guidance & supervision of Prof.(Dr.) Biswajit Ghosh - Hon'ble Vice Chancellor - TNU.



**Dr. Prosun Tribedi**, HOD and Assistant Professor,

Biotechnology department at TNU Received externally funded Research Grants exploring Microbial Biotechnology for the Sustainable Promotion of the Environment. Dr. Tribedi has also received the young scientist research grant of 23 lacs, entitled "Strategy development for the applications of bio fertilizers into the soil to increase the soil fertility" sanctioned by SERB, DST, Govt. of India. He has 40 Articles in International peer-reviewed reputed journals including book chapters. Five publications, individually has crossed 100 citations.



**Dr. Bidisha Mondal**, HOD, Agriculture unit, School of Agriculture & Allied Sciences, She is a Gold Medallist (M.Sc, Agriculture) from CU, holder of Outstanding Student Award DST-GOI, PhD with ICAR\_NATP SRF, Bio-CARE Women Scientist Award of DBT-GOI, 2 Post-doc with DBT and WBPCB funding. Nominated Editor in Journal Farm & Management. PI of intra-mural project on agricultural waste management. Publication 35 research articles 8 full paper in proceedings, written book chapters in Springer Nature, edited book on Genetics & Evolution, delivered several lectures in AIR, NSOU, IGNOU radio-channels Previous position lecturer post in NSOU, IIP and Madras University, Product Manager in Invitrogen, USA and Quality Control Adviser in JGB Agro-fresh, Board of Director in Fresh Foliage International. Corporate interactions included meeting with French embassy, ICC, BCC, APEDA, DGFT and FIEO. Attended Indo-US Patent Summit, UKIERI conference, ICAR-ISCAR symposium, ICRISAT conference, ICMPJU-AYUSH. Invited by State Agriculture Department on several occasions as expert in farmer-scientist interactions. Dr. Mondal has a 16 years of post- PhD experience including academic, research, extension and corporate experience.



**Dr. Manashi Chakraborty**, Assistant Professor of Chemistry, School of Science and Technology, has successfully completed an SERB, GOI sponsored project worth INR 37 Lacs. She is presently pursuing a total of four sponsored research projects. Out of these four, two projects are funded by UGC-DAE, CSR, GOI and the other two are University Sponsored Research Projects (TNU). Dr. Chakraborty mainly works in the fields of Materials Science, Nanomaterials, RGO/GO/ Graphene based nano-composites. She has several National and International Publications to her credit.



**Dr. Pranam Paul**, HOD and Assistant Professor,

CSE department, his current research project titles "A Solution towards Big Data Storage and Data Management for Efficient Data Handling in Secured File System Based Cloud Environment through Services" is under the process of review in WOS - B, DST, GOI. He has 91 publications.



**Dr. Kalyanashis De**, Assistant Professor, Basic Sciences Department, has received Dr. D. S. Kothari Postdoctoral Fellowship by UGC; Postdoctoral Fellowship by FCT, Portugal; and Senior Research Fellowship by Indian Association from the Cultivation of Science, Kolkata. He published 30 Articles in International peer-reviewed reputed journals and one book chapter. Dr. De has received UGC -DAE-funded Research Grants in the CRS scheme as a PI for 3 years (2017 -19). His key research interest is in the Magnetic and transport properties of the strongly correlated systems.



**Prof. Sushil K. Kothari**, Dean, School of Agriculture & Allied Science, The Neotia University, Awarded DAAD (German Academic Exchange Service) Fellowship to pursue postdoctoral study in Institute of Plant Nutrition, University of Hohenheim, Stuttgart, Germany in 1988 – 1990 as part of International Academic Cooperation.



**Dr. Partha Mukherjee**, HOD, Dr. Mukherjee has been teaching for the last four years and has an overall industry experience of twenty-four years. He has a research experience of about fifteen years and has done his Ph.D. in Multimedia Database Management System and Data Streaming for Data Analytics. He holds various certifications such as PMP, Lead Auditor Certificate on BS 7799, Certificate on Requirements Management with Rational Requisite Pro, etc. Currently, he has 7 National and 3 International publications to his name. He has been to 9 International Conferences organized by various forums.



**Dr. Partha Niyogi**, Faculty, School of Pharmacy published a research paper entitled "Fourier Transfer Infra-Red Spectroscopic Analysis of Supragingival and Subgingival Human Dental Calculus" in Indian Journal of Forensic Medicine & Toxicology, (2019). 13(4), 1870-1875. In addition, presently working on In-silico drug design against Sars Cov-2 virus.

# STUDENT TESTIMONIALS

Both TNU and NITMAS are diligent in their pursuit of excellence and their aim to attain holistic development by ensuring that the education provided is contemporary and experiential through partnerships with industries and other academic institutes.



## **Prajyot Palimkar**

3rd Year, B. Tech Robotics Engineering

I am pursuing B. Tech in Robotics and Automation. I am from Maharashtra, I selected West Bengal for my future academics as The Neotia University is the only good University in India, which offers Robotics and Automation Engineering at the B.Tech level. The University provides Internship in one of the best organizations in India. Placement record is approx. 90%. Faculty members are excellent.



## **Swaprativ Chaudhuri**

3rd Year, Bachelor of Nautical Science

Ever since I stepped into this University, I knew this was the campus for me. The air was filled with a strong sense of pride and integrity. I knew that this was a place that I could eventually call home, my second Home. The faculty members are helpful and supportive.



## **Parthasarathy Khara**

4th Year, Agriculture

The 60-acre Campus is serene, with good hostels and great infrastructure. The Faculty are very good who help us whenever required. Other people on Campus are also very friendly, making this a home-away-from home. The academic curriculum is based on practical and field training. The department organizes guest lectures, workshops and seminars.



## **Shreya Ghosh**

2nd Year, B.Sc in Hospitality and Hotel Administration

Choosing The Neotia University to pursue my degree in Hospitality and Hotel Administration was one of the best decisions of my career. The curriculum here is specially curated keeping in mind the current industry needs. We study the subjects of hospitality along with management. Apart from this we have communication theory and practical classes in each semester which actually helps us to improve our personality and soft skills. The two internships of the curriculum give us the opportunity to excel in the practical skills as well.



## **Cadet Suvadip Pal**

4th Year, Marine Engineering

I am privilege to be a part of the School of Maritime Studies. The training is rigorous & discipline oriented. We learn a lot practically at our Ship-On Campus, & we are eagerly looking forward to the beginning of our "Free-Fall Lifeboat Project. The facilities offered are great and we enjoy ourselves on Campus."



## **Prithu Kuity**

2nd year, Bachelor in Pharmacy

I have chosen Bachelor in Pharmacy because I believe that pharmaceutical sector shall grow and have better job opportunities. TNU has a big and well-equipped Campus. The Faculty are very good who help us by taking extra classes whenever required. We have excellent sports infrastructure with three Basket Ball Courts, two large play fields, a full-size swimming pool, Table Tennis, Badminton & Carom facilities.



## **Khushi Kapoor**

1st Year, B.Sc in Hospitality and Hotel Administration

Placements is a very important aspects of any university and in this I am very proud that I am a student of The Neotia University which has excellent placement records in both internship and placement. Our seniors are placed globally like the brands like Jumeriah, Oberoi Hotel & Resorts, Taj Group of Hotels, Accor, Leela and many more. I feel that I have chosen the right place to study and is in safe hands.



## **Ayan Das**

2nd Year, Bachelor in Pharmacy

I am Student of 1st year studying Bachelor in Pharmacy. We have excellent faculty and infrastructure facilities. The lectures are extremely informative & interesting. Internship at various private and government hospitals is part of the curriculum. We have excellent Hostels, Canteens & Sports Infrastructure.



## **Shouvik Sarkar**

3rd Year, Bachelor of Fisheries Science

I was looking for a course that will provide me ample job opportunities after completing my graduation. I chose to study Bachelor in Fisheries Science at The Neotia University as the University provides a 60-acre campus with several ponds that provide us with practical training, research and development opportunities. The course curriculum, laboratories, equipment and practical manuals is as prescribed by ICAR. The University provides, field visit and internship opportunities as part of the curriculum.



## **Shrutinanda Pal**

1st Year, M.Sc Applied Psychology

Testimony- The faculties of this university are very helpful and cooperative. Several career oriented exposures such as internship, campus selection are being provided. The ambiance here provides a peaceful atmosphere throughout the year.



## NATIONAL & INTERNATIONAL CONFERENCES, WORKSHOPS, SEMINARS & WEBINARS



Inauguration of Agri Voltaic Park of TNU by Honorable Chancellor - Padmashree Harshavardhan Neotia

- Inauguration of The Agri-voltaic park at TNU by the Chancellor on 2nd May 2022- The Neotia University
- Workshop session on “Devops using Spring & Emerging Trends in Devops” in Virtual Mode- held on 28th May 2022- The Computer Science and Engineering (CSE) Department, a unit of School of Science & Technology.
- “Use of AI & ML by Cyberspace” in Virtual Mode- held on 4th June 2022- The Computer Science and Engineering (CSE) Department, a unit of School of Science & Technology.
- Orientation Programme- “Seed to Harvest Solution by Rallis India Ltd (A TATA Enterprise)”- By Mr. Srikanta Pal(Manager BGP, Rallis India LTD) & Mr. Arup Kr Batabyal (BDE, Rallis India LTD)- held on 25th June 2022.- School of Agriculture & Allied Sciences
- Inauguration of LSRemote-A Digital Library solution for e-Library Management and e-resource access remotely at any time, and from anywhere. It is an end to end Digital Library solution of the LIBSYS product named as “LSRemote”- held on 1st July. 2022, at The Neotia University (The Neotia University)
- The Neotia University (TNU) is in the DST, Govt. of India’s Mission Innovation Program ‘Integrated Clean Energy Material Acceleration Platform (IC-MAP)’ (2021-22).- The Neotia University
- Seminar on “AWS Clouds Analytics Solutions- Secure Business Data Solutions” Speaker-Mr. Manas Mondal, Sr. Cloud Enterprise Architect, USA, held by School of Science & Technology on 30th April 2022 & 7th May 2022.
- Legal Awareness Programme- Right to Legal Aid- School of Legal Studies
- Seminar on “Bio Nexus- A new axis for advanced biological Sciences” held on 27th April 2022 by Department of Biotechnology- School of Science & Technology.
- Celebration of “World DNA Celebration Day” - held on 25th April 2022, by The School of Agriculture & Allied Sciences.
- Congratulations Section “SharkTankPool- Intercollege participation- Section of BBA Department- The School of Humanities, Management & Social Science.
- Observation of International Yoga Day- 21st June 2022- The Neotia University
- “World No- Tobacco Day”- held by Prof. DR. Utpal Dan on 31st May 2022- School of Health Sciences.
- World Health Day observation by School of Health Science with lecture titled “Dementia, the Epidemic is here” – By Mrs. Nilanjana Maulik, Vice Chairperson, Alzheimer’s and Related Disorders Society of India on 07.04.2022
- Seminar on “Seed Production Technology”- held on 10th May 2022 by The School of Agriculture & Allied Sciences.
- “A Business Conclave Workshop for the students of BBA” held by The School of Humanities, Management & Social Science.

# NATIONAL & INTERNATIONAL CONFERENCES, WORKSHOPS, SEMINARS & WEBINARS

- World Health Day observation by School of Health Science with lecture titled "Role of Optometrists in Preventable Blindness" – By Mr. Debapriya Mukhopadhyay, Head – Central Team, Professional Optometry, Service & Innovation, Lenskart India on 07.04.2022
- World Health Day observation and lecture by Dr. Swagatendra Narayan Basu, Deputy Assistant Director of Health Services, Government of West Bengal on 07.04.2022
- An International Guest Lecture was arranged by the Department of English (with specialization in Mass Communication) on 4th April 2022 at the university premises by Department of English (with specialization in Mass Communication) The Neotia University.
- Department of English (with specialization in Mass Communication) The Neotia University, organized an Interactive Session on "Mobile Journalism-Using Smartphones in Journalistic Works" on 4th April 2022.
- Department of Biotechnology, -School of Science & Technology at The Neotia University organized a Webinar on "HPTLC: Technique & Basic Applications" on 31st March 2022.
- The Neotia University celebrated "World Optometry Day" on 23rd March 2022 at the campus.
- School of Hospitality and Culinary Art, The Neotia University is organized an Academia-Industry Meet on 23rd March 2022 at SHCA Building, The Neotia University- Speaker Mr Saikat Pal- L& D Manager, Novotel Kolkata.
- School of Agriculture & Allied Sciences, The Neotia University and The Fertilizer Association of India organized the "Fertilization Orientation Programme for the Students" on 21st March 2022.
- School of Hospitality and Culinary Art, "Career Opportunities in Housekeeping" by Ms. Indrani Sanyal, General Manager – Housekeeping. 2nd March, 2022. (Physical)



## The Neotia University (TNU) is in the DST, Govt. of India's Mission Innovation Program 'Integrated Clean Energy Material Acceleration Platform (IC-MAP)' (2021-22)

TNU is assigned to develop the Novel Catalysts and Design Reaction Engineering in converting the syngas & bio-oil from biomass gasification into H<sub>2</sub>. To develop this, DST has sanctioned a sum of Rs. 64.5 Lakhs to TNU for three years of duration. The Project at TNU will be executed under the guidance & supervision of Prof. (Dr.) Biswajit Ghosh - Hon'ble Vice Chancellor - TNU.



# NOTES

[illegible]

## LEGEND- BUILDING

### A. ADMINISTRATIVE BLOCK

1. ADMINISTRATIVE BUILDING (G + V)

### B. ACADEMICS BLOCK

2. SCHOLASTIC BUILDING - 1 (G + III)
3. SCHOLASTIC BUILDING - 2 (G + II)
4. SCHOLASTIC BUILDING - 3 (G + III)
5. SCHOLASTIC BUILDING - 4 (G + III)
6. SCHOLASTIC BUILDING - 5 (G + III)
7. WORKSHOP BUILDING
8. NEW WORKSHOP BUILDING
9. NEW PHARMACY BUILDING (G + III)
10. PHARMACY BUILDING (G + III)
11. SHIP IN CAMPUS (G + III)

### C. AGRICULTURE & FISHERY SCIENCE BLOCK

12. POLY HOUSE & NET HOUSE
13. FISHERY SCIENCE PROJECT AREA - 1
14. AGRICULTURE PROJECT AREA - 1
15. FISHERY SCIENCE PROJECT AREA - 2
16. AGRICULTURE PROJECT AREA - 2
17. FISHERY SCIENCE PROJECT AREA - 3
18. AGRICULTURE PROJECT AREA - 3
19. FISHERY SCIENCE PROJECT AREA - 4
20. AGRICULTURE PROJECT AREA - 4
21. AGRICULTURE PROJECT AREA - 5
22. FISHERY SCIENCE PROJECT AREA - 5
23. FISHERY SCIENCE PROJECT AREA - 6
24. AGRICULTURE PROJECT AREA - 6
25. MUSHROOM UNIT
26. FIELD LAB
27. STORE HOUSE
28. SERICULTURE UNIT
29. THRESHING FLOOR
30. BIO GAS PLANT
31. CATTLE SHED
32. VERMI COMPOST PIT
33. BIO FERTILIZER PLANT

### D. RESIDENTIAL BLOCK

34. BOY'S HOSTEL - 1 & 2 (G + III)
35. BOY'S HOSTEL - 1 & 2 (G + III)
36. BOY'S HOSTEL - 1 & 2 (G + III)
37. OLD STAFF QUARTERS (G + III)
38. NEW STAFF QUARTERS (G + III)
39. NEW STAFF QUARTERS (G + III)
40. DIRECTOR'S RESIDENCE (G + I)
41. OLD STAFF QUARTERS (G + III)
42. GIRL'S HOSTEL - 3 (G + II)

### E. UTILITY & SERVICES BLOCK

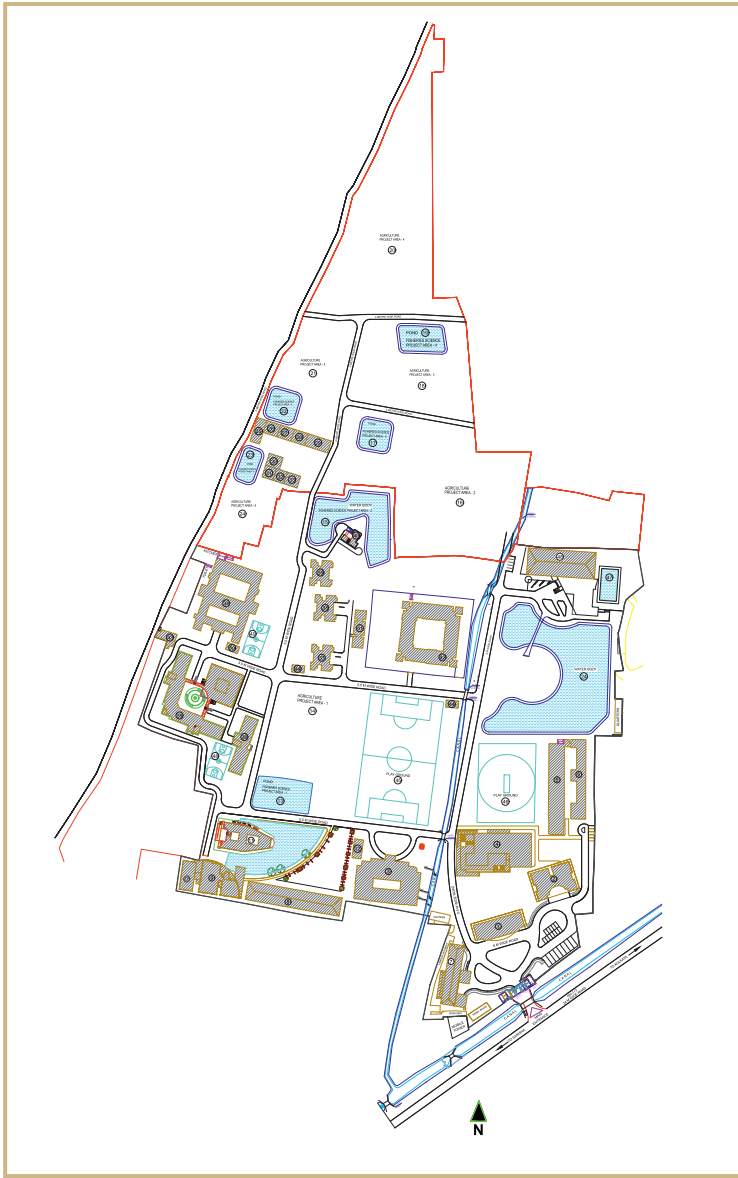
43. ELECTRICAL ROOM
44. PUMP ROOM

### F. RECREATIONAL BLOCK

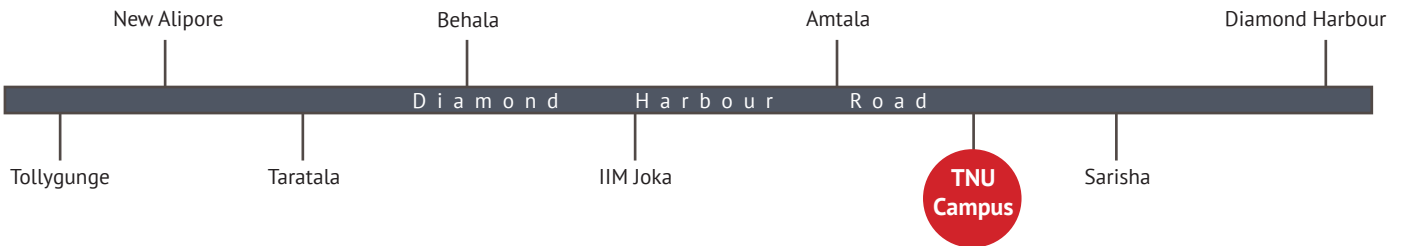
45. FOOTBALL GROUND
46. CRICKET GROUND
47. SWIMMING POOL
48. MULTI PURPOSE HALL
49. BASKETBALL COURT (3 NOS.)

### G. HEALTH BLOCK

50. MEDICAL UNIT



admadcommunications@gmail.com

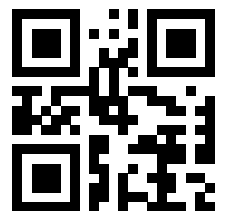


**AmbujaNeotia**

**THE NEOTIA UNIVERSITY**  
ज्ञानम् आत्म प्रदीपाय UGC Enlisted & Recognised



**NEOTIA INSTITUTE OF TECHNOLOGY MANAGEMENT AND SCIENCE**  
(Formerly ITME. Since 2002.)



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