

AmbujaNeotia

**THE NEOTIA UNIVERSITY**

ज्ञानम् आत्म प्रदीपाय

Approved Under Sec.2(f) of UGC Act 1956

[www.tnu.in](http://www.tnu.in)



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



**B.Tech in Robotics and Automation**



**Bachelor of Computer Application**



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



**B.Sc. (Hons.) in Microbiology**

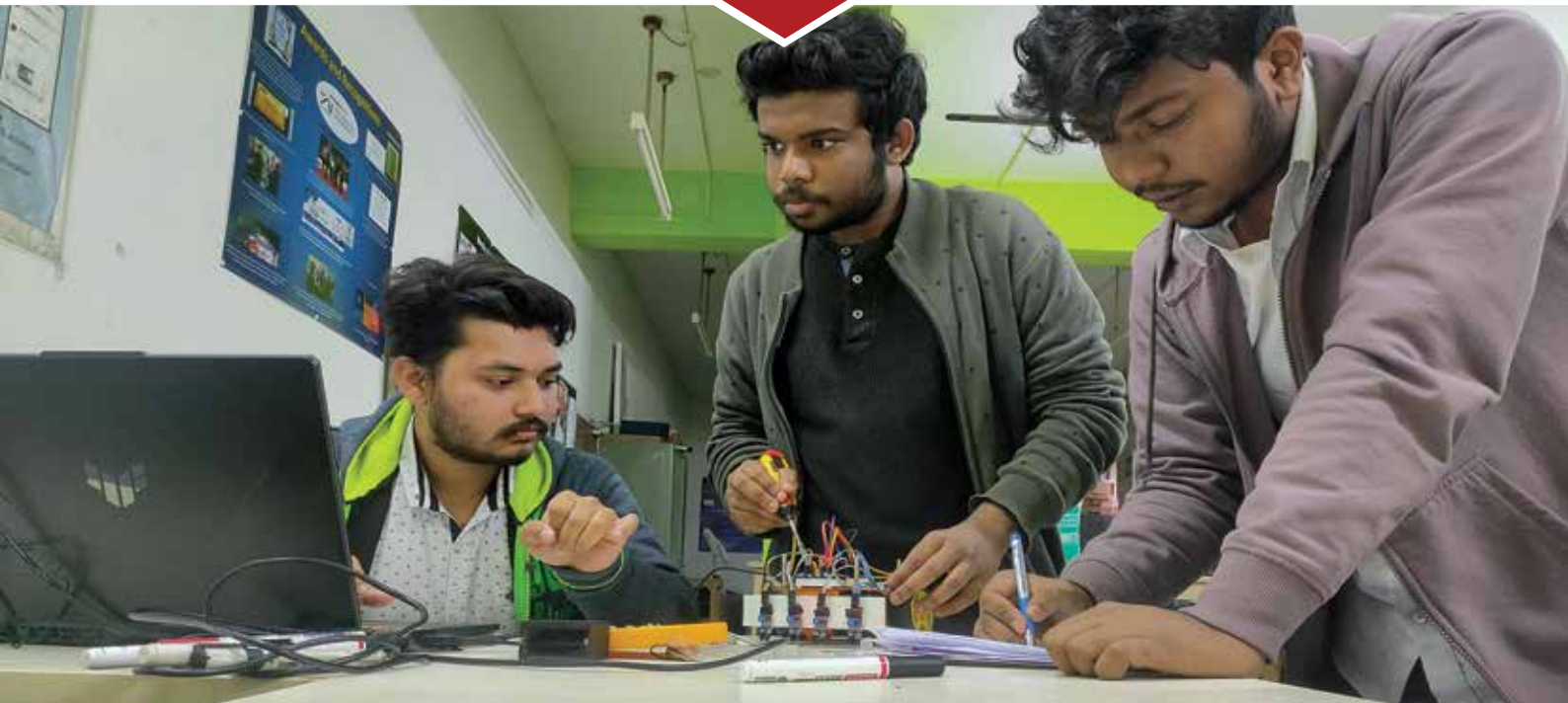


**M.Sc. in Biotechnology**

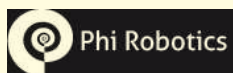


**M.Sc. in Microbiology**

## School of Sciences & Technology



### Industry Partners for Internship & Placement



## B.Tech in CSE with specialization in (a) Cyber Security, (b) Data Science (c) AI & ML

### Eligibility Criteria

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

### Fees Structure

Fee Per Semester (Rs.)	One Time Fee (Rs.)	1st Semester Fee (Rs.)	Total Course Fee (Rs.)
<b>Cyber Security/ Data Science/ AI &amp; ML (4 years)</b>			
63,000	29,000	92,000	5,33,000
<b>Cyber Security/ Data Science/ AI &amp; ML (Lateral) (3 years)</b>			
63,000	29,000	92,000	4,07,000

### About the Department

Computer Science and Engineering department at The Neotia University (TNU) is designed with specializations in several important and emerging areas such as, Cyber Security, Data Science, Artificial Intelligence (AI), Machine Learning (ML) and BCA (Bachelor of computer Application) that help students to gain knowledge and become industry ready for jobs in top Corporates. The department has established to Promote the innovation-centric simplified ICT based education structure, Processes and Research based ecosystem.

### Student Success Stories of the Department

The department has established multidisciplinary activities where students are getting the opportunity for internal internship facilities within the university across multiple business lines across the schools. It helps the students to learn the domain knowledge as well as the technical knowledge within the university. Many students are going abroad through GRE to pursue their MS degree in Data Science, AIML and Cybersecurity. The students are encouraged to be engaged at the internship programs at corporates from the very beginning. During the academic year 2023-24, around 300 students have successfully completed their internship programs at various corporate and educational institution. Students are also encouraged to be engaged in research-based projects. Since last 3 academic year we have 100% placement record where students have got opportunities at corporates with a salary range between 4 Lakhs to 10 Lakhs. Many of our students at CSE department have got opportunities to pursue MS through GRE at various universities across the globe like, Germany, France, UK, and Japan.

### Technology Partners

Our Technology partners are **WEBEL, CISCO, Data Core AILABS, Cyber Wokes, Data Space, and Infosys.**

TNU has signed a MoU with West Bengal Electronics Industry Development Corporation Limited.

Being the nodal agency of the West Bengal Government, WEBEL is promoting IT and Electronics industries and has over the years adapted to the changing requirements of the IT and ITes industries. Our students are getting opportunities in live internship project engagement programs across the Digital Governance domain.

TNU has signed a MoU with CISCO. Cisco offers an industry-leading portfolio of technological innovations. With networking, security, collaboration, cloud management, and more, we help to securely connect industries and communities. Our students are getting opportunities in live internship project engagement programs in Cyber Security domain.

### Dean's Message

**Dr. Partha Mukherjee**

HoD CSE Department and Dean,  
School of Sciences & Technology,  
The Neotia University



He has around 33 years of experience in IT industry and industry research & Development under various leadership role in the areas of Data Science, Business Intelligence and Data Analytics.

His vision is to transform the dimension of the various units of School of Science and Technology as per the global academic standard through steering the thought process of nurturing an enterprise operational architectural landscape into a dynamic Analytical Organization landscape in multidisciplinary mode.

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 in a leadership role. His core expertise is in the area of Data Science Business Analytic. At industry, he was engaged in the business sectors like, Aerospace, Investment Banking, Retail, Life Science and BFSI. He was attached to the major IT and Non-IT giants across the globe. He has work experience in the countries like, UK USA, APAC, and Europe. He has done his PhD (Engg.) in Multimedia Database, Data Streaming and Data Analytic from CSE department, Jadavpur University in year 2006.



## B.Tech in Robotics and Automation

### Eligibility Criteria

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

Lateral Entry Criteria:

3yrs Diploma Engg.

### Fees Structure

Fee Per Semester (Rs.)	One Time Fee (Rs.)	1st Semester Fee (Rs.)	Total Course Fee (Rs.)
<b>B.Tech in Robotics and Automation (4 years)</b>			
70,000	29,000	99,000	5,89,000
<b>B.Tech in Robotics and Automation (Lateral) (3 years)</b>			
70,000	29,000	99,000	5,49,000

### About the Department

Under the School of Science and Technology (SST), the Department of Robotics and Automation, The Neotia University (TNU) is quintessence of the University's relentless pursuit of excellence, where the students are exposed to real-world situations. The Department was developed to provide the much needed modern engineering environment to the students to create systems and products with state of art infrastructure where the engineering graduates would learn to design innovative projects. The students would not only be trained hands on in real- life engineering tools but would also learn multi- disciplinary approach to fulfil societal and industrial requirements.

Department comprises with the experienced faculty members who are actively involved in the research and teaching to build our students.

The School of Science and Technology (SST) offers B.Tech. Programme in Robotics and Automation, Cyber Security (CS), Artificial Intelligence and Machine Learning (AIML) and Data Science (DS) which are all interconnected to Robotics and Automation. The School is immersed in research & development in area of Humanoid, Robot Manipulations, Power Electronics, Industrial Automation and Manufacturing Technology, Machine Learning, Process Control.

The Department of Robotics and Automation is equipped with most modern industrial setup procured from global technology giants. The

School features sophisticated laboratories which are the requirement of modern day automation including Computer Integrated Manufacturing (CIM) Lab, Advanced robotics and mechatronics Lab, Hydraulics Lab, Pneumatics Lab, Programmable Logic Controller (PLC) Lab. The Department also houses some basic labs like Electrical Lab, Analog Digital Lab, Control Lab, Microprocessor Lab, Signal System Lab.

The B. Tech. programme has University Industrial Linkage as an integral part of its curriculum in which students pursue their projects with external organizations. The students graduating from this department are placed in the above mentioned various companies of repute.

### Placement and Internship

Our students specializing in Robotics and Automation have secured placements with esteemed companies like Fractal Analytics, E-Plane, Jet-Brains Robotics, SAK Robotics, and more. We also provide Internship and Training opportunities at well-renowned organizations such as WABCO, Kuka Robotics, Phi Robotics, Aeonix Innovations, Think Again Lab, Janatics India LTD, Sak Robotics Private LTD, Inspecto 3D LAB, PISPL, Math Coder LAB etc.

Over the past three years, the average placement percentage of our students has been 91.7%. Additionally, 25% of our students have received multiple offers.

Our alumni in the field of Robotics are working in various countries like France, UAE, United Kingdom, etc. Also, some of our students have opted for higher studies in France and Dubai.



## Bachelor of Computer Application (BCA)

### Eligibility Criteria

12th standard pass in any stream with a minimum 55% marks.

### Fees Structure

Fee Per Semester (Rs.)	One Time Fee (Rs.)	1st Semester Fee (Rs.)	Total Course Fee (Rs.)
<b>Bachelor of Computer Application (BCA) (3 years)</b>			
49,500	29,000	78,500	3,26,000

### About the Department

BCA is a 3-year undergraduate degree programme that focuses of knowledge on the basics of computer application and software development. The degree helps interested students in setting up a sound academic base for an advanced career in Computer Applications. It is a highly popular course amongst students aspiring to establish a career in established IT companies like HP, Accenture, Capgemini and Cognizant and new-age technology startups like Flipkart.

### BCA Prospects

After completing BCA, students could give an instant thrust to your career by pursuing MCA (Masters of Computer Applications). However, there are other options too that you could consider doing after completing your BCA degree:

- Prepare for CAT and go for an MBA in IT Management.
- Students may proceed for Master's degree by studying MSC (IT).
- Go for a networking diploma and prepare for CCNP or CCNA

certification. • Prepare for Microsoft Certified Solutions Associate (MCSA) Certification or Redhat certifications and work as a System Administrator or Desktop Technician or Help desk Assistant.

- Students could also improve their teaching skills and work as a computer teacher/instructor in school, universities and colleges.
- A lot of BCA graduates also go for government jobs.

## Top Job Profiles for BCA Course

sectors. With almost every industry using computer applications and software, there is a need for BCA Course graduates for almost every job. Some of the top most pursued BCA jobs include those of Data Scientist, Software Engineer, Software Developer, Web Developer, Computer Network Architect, Data Operator, Computer Programmer, Database Manager, and Web Analyst.

The average salary after the BCA course can start from INR 3-5 LPA, and within 2-4 years students can earn as much as INR 4-10 LPA in top IT companies, MNCs, and startups. BCA graduates can find employment in the government sector in various PSUs like all Government Banks, NSCI, LIC, etc.



**School of Sciences & Technology also offers B.Sc. (Hons.) in Biotechnology, B.Sc. (Hons.) in Microbiology, M.Sc. in Biotechnology, M.Sc. in Microbiology**

## Scholarships & Financial Aid

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”.

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|--|---|---|
| <ul style="list-style-type: none"> <li>• <b>CHANCELLOR SCHOLARSHIP</b></li> <li>• <b>SPORTS SCHOLARSHIP</b></li> <li>• <b>CULTURAL SCHOLARSHIP</b></li> <li>• <b>SARVODAYA SCHOLARSHIP</b> (in the memory of Late Suresh Kumar Neotia) (Family Income &lt; 2.5 Lakhs / annum)</li> </ul> | <ul style="list-style-type: none"> <li>• <b>MERE APNE SCHOLARSHIP</b> (For AmbujaNeotia Group employees in the memory of Late Vinod Kumar Neotia)</li> <li>• <b>SAHODARYA SCHOLARSHIP</b> (Siblings of all TNU students - present or passed out)</li> </ul> | <ul style="list-style-type: none"> <li>• <b>GRAMOTTHAN SCHOLARSHIP</b> (Students from Gram Panchayat area of South 24 Parganas)</li> <li>• <b>SPECIAL HILL STUDENTS SCHOLARSHIP</b> (Resident of GTA Area (W.B), North-East States, Andaman and Nicobar Islands, Nepal &amp; Bhutan)</li> </ul> |
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West Bengal Govt. Student Credit Card is accepted at TNU

## Lab, Fields & Experimental Equipment



Robotics & Automation Students are working on Drone project



Students are working on Biotechnology Lab



Students working on Drone project



Students working on Maria Robot



Students working on Robot Arm



Laminar Airflow Aseptic Cabinet

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**Campus:** Sarisha, Diamond Harbour Road, 24 Parganas (S), West Bengal - 743 368

**Head Office / City Admission Office:** Vishwakarma, 86C Topsia Road (S), Kolkata - 700 046

**For Admission related details, call- Campus:** +91 70444 46888

**Head Office / City Admission Office:** +91 70444 46999 | **Email:** contact@tnu.in

