

# **Foreword**



The humble journey of The Neotia University began on February 3, 2015 with the mission to support and enable less privileged students from the fringes of the society to evolve into responsible global citizens.

what we have achieved in these seven years would not have been possible without the expertise, commitment, professionalism, hard work and passion of each and every member of the community associated with the University. I would like to thank the community members for turning our University into a "home for learning"

The world has just been through more than two years of the worst pandemic to recently hit human kind globally. As things are now gradually coming back to normalcy, the University also started operating in its usual physical mode. The current annual report indicates how we have navigated through the challenges, by shifting from the physical to a virtual mode of teaching and learning.

we learnt to tackle some severely grave situation during the pandemic, thereby installing the confidence in us to work towards achieving our goal, even if Such situations are to emerge again.

The University has tried its best to support the students in these challenging times, in terms of financial, digital, pedagogical, and practical aspects as well as for overall wellbeing. Efforts have been made to strengthen partnership and collaborations across the country and the world. Support has also been extended to enable ground-breaking research work both at national and international levels during these difficult times.

The students return to the campus has now once again enabled the University to move forward with renewed fervour and deliver its objectives for research, innovation, and education.

Besides supporting students on pursuing their career goals, we also want to achieve sustainability goals in terms of ecology, economy and empowerment. we already have a green campus we want to further develop our five-year Sustainability strategy to have a carbon-neutral campus by 2030, to achieve the UN's Sustainable Development Goals and the Paris Agreement.

This annual report features highlights of the activities and achievement of all the schools of Studies that has paved the way for outcome-based education as well as transmission of knowledge through outreach activities in enhancing the human development index surroundings the University campus.

I wish to thank the editorial board of the Annual Report for their untiring efforts in publishing this volume in time.

Harshavardhan Neotia

Chancellor

# PREFACE

### **Welcome Readers**

The University has progressed significantly in the right direction under its able leadership and by the virtue of systematic coordinated efforts of all the stakeholders from time to time. Extraordinary efforts and a cooperative approach has indeed helped us in every student centric activity. The University has adequately been able to continue its commendable community outreach efforts.

The sheer exuberance in the publication of this annual report, in the midst of the post pandemic was in itself an exhilarating experience for all of us. We are grateful to the almighty for sustaining us during hardship by his sovereign interminable grace. This report is a spectrum of unsaid experiences have directed us towards the pedestal of enlightenment. As usual the Annual Report showcases the activities we have indulged in, projecting exactly where we stand as a University. A year in the life of an academic institution is measured by the collective accomplishments of academic activities, which place on its records by annual report.

The publication of the annual report is not only a statutory requirement but it is an important exercise that records and reflects the yearly activities of the University.

We express our sincere gratitude to our Hon'ble Chancellor, Hon'ble Pro Chancellor & Hon'ble Vice Chancellor under whose guidance the entire planning and publication of this annual report has been mobilized. The arduous task of editing this very report of The Neotia University would not have been possible without his constant support and guidance of Deans, Faculties & Administrative Staffs. We along with our editorial team have worked day and night to make this report stand out. A huge thanks to the contributors. We hope you have a fantastic time exploring the sections, as a reader.

**Editorial Board** 

# 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.



# **Objectives**

In the light of vision and mission statement, we with our stakeholders, lead our students to:

Relentlessly work for values and justice.

Foster an ongoing effort to reflect and act in accordance with their conviction.

Be committed to the duties and responsibilities.

Love and care the neighbour, irrespective of status and live in peace and harmony.

Protect, preserve & judiciously use the resources of the earth in terms of environment protection.

Be willing to no harm to others and wrong done with them.

Be committed to selfless service before oneself.

Be honest and loyal to the country, society and family.

Respect the rights of every individual.

# **Core Values**

Empowerment of the marginalized

Care and forgiveness towards all

Respect for creativities and innovation

Excel towards excellence

Continuous effort for peace and brotherhood

We request our parents/guardians, who entrust their children to us, to share our "Vision and Mission" and to cooperate with us in the making our students a powerful force for the transformation of society. In this connection, the students are guided in the academic and experiential learning by group of a highly committed teachers.

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Annual Report Board

# Flash Light

### **CBCS**

- Core subjects
- Departmental Elective
- University General Elective

# Research & Development

- Quality
- Innovation
- Connected to National Hydrogen Mission

# Sports activities

- 03
- > Annual Sports Day
- > Rampage
- > Hostel Premier League

### **Cultural activities**

- > Impulse 2K22 (University Fest)
- > National Science Day
- Blood Donation Camp For World Health Day
- > International women's Day

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# Career counseling I webinar/workshops

- > Free Coaching to underprivileged
- > Let's Speak through Visuals
- Workshop on Empowering Entrepreneurial Mindset
- Workshop on Time management

Internship & Placements

Scholarships & Financial support

Hostel Facilities

Experiential learning

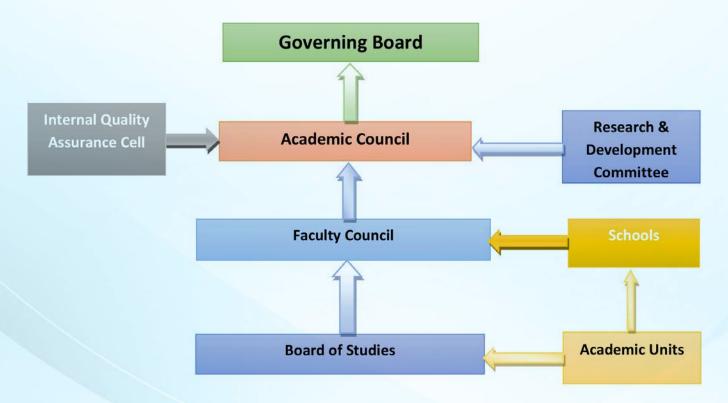
# The University

The report summarizes the highlights from Year 2020-21, a pandemic year in which entire University community confined in home to carry out work from home. The University community conducted all classes in online mode, all examinations were conducted in online mode also. Results were published in time and the like other year's students were promoted to their higher classes. Those who completed their program they have been issued certificates such that they can go either for higher studies or in jobs.

Our university is committed to ensuring the sustainability of the University from multifaceted perspectives – academic, research, financial, social and environmental. Providing innovative, Learner-centered teaching/learning, the University is further fulfilling its commitment to showcase the potential of students from around the country, and supporting them in making profound contributions to society in terms of academic, research and extra-curricular activities.

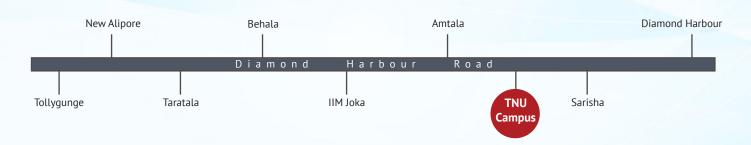
### **Operating Structure:**

Following is the operating structure of the University.



### **Geographical location and available Infrastructure:**

The University is located at the outskirt of city the Kolkata. It is in the rural location on the Diamond Harbour Road the location of the University is depicted in the figure below.



The University is operating over a large land full with greeneries. It is a 60-acre lush green Campus with full security and CCTV for 24 x 7. Following are the infrastructure available:

- Smart Classrooms, Language Lab, Workshops, Ship-in-Campus, Bridge Simulator, Freefall Davit, and well-equipped state of the art Laboratories and many more.
- 8000 sq.ft of reading area, 31000+ National and International books and Journals, 3 million e-books and research journals available in the Library.
- Free Wi-Fi facility for all Faculty and Students for 24 x 7.
- Separate Residential Accommodation for Boys and Girls students. Residential accommodation for more than 40 Faculty members and 50 Technical members inside the campus.
- Gymnasium, Swimming Pool, Indoor and Outdoor Games like Cricket, Football, Basketball, Table Tennis, etc. with Coach and Instructors, including mandatory Karate learning.
- A.C Coach Bus facility for Day Scholars from Kolkata and around.

In addition to the above the University provide the following support to the student: -

- The Book Bank facilities to all students.
- Medical Insurance of Rs. 50,000 for each Student until the end of their Program.
- Doctor on Campus with fully equipped Dispensary and Ambulance 24 x 7.
- Eight Students' Club to enhance talent in the areas of Technology, Sports, Music, Photography, Entrepreneurship, Nature, etc.

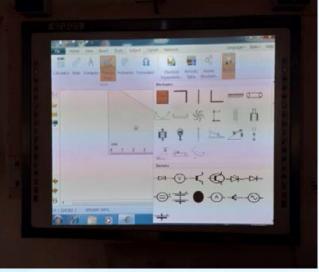
In addition to the above University enriched with modern communication aids to supports the entire University community In 2020-21, infrastructure has been developed to support certain new courses which were introduced in the University. Some of the presentations about the available infrastructures are presented below;

### **Classrooms:**

The University is now using smart class rooms to facilitate teaching/learning sessions. Smart classroom provides wonderful platform for PPT demonstration with sound effect. Also it has some classified tools to make a science class more understanding and innovative.

Special sessions and classes are also held on etiquettes, negotiation skills, effective communication, leadership, teamwork and analytical skills.





**Smart Class Room** 

### **Laboratories:**

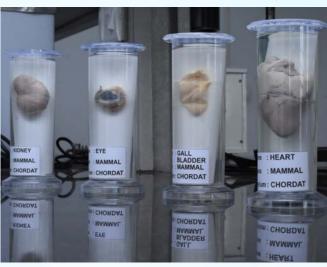
The University is gradually developing well equipped laboratories as per the demand of various programs. These laboratories are being developed under the expert supervision of concerned faculty members and trained technicians.

The Industrial Workshop (13000sq. ft.) built in 2015-16 is now fully utilized. A large number of machineries were installed within it in 2016-17, and is now being fully functional in 2017-18. In 2018-19 the workshop has been further developed. Students are trained on these machineries under the guidance and supervision of qualified and trained experts on various programs offered by the university.













### **Library:**

The library is now well equipped with all kinds of facilities to enrich our students with knowledge in photograph given below. The Reading Room (3743 sq. ft.) in the library has a seating capacity for 150 students and 50 faculty and staff members. There are 20 computer terminals which students are utilizing on regular basis.

From 2016-17 onwards the students, faculty members and staff could utilize the facilities of the National Digital Library (NDL). In 2020-21, the faculty members also utilized the NDL resources for enhancing the research related activities in the University. From 2018-19 onwards faculty members are acting as mentors to assist the students to navigate the extensive collection of discipline specific books, periodicals, project reports, online periodicals and question bank. Special sessions and classes are also held on etiquettes, negotiation skills, effective communication, leadership, teamwork and analytical skills.



### **Multipurpose Hall:**

The Multipurpose Hall of the University having areas around 13,000 square feet and is used for various academic and cultural activities like seminars, quiz, drama etc. It was built in 2016-17 and has the capacity to accommodate more than 1000 people approximately. In 2019-20, various events were held in the Multipurpose Hall. In 2020-21, due to pandemic situations the Multipurpose Hall has not been utilized for any events.





Academic and sports events in the Multipurpose Hall



### **AC Bus Services:**

University institute a couple of Air conditioned (AC) weekdays Bus Services for the faculty members, staff and students. The bus routes are from Salt Lake and Esplanade to the University campus.

# **Governing Board**

**Governing Board** is the highest authority/body of the university as per the university Act and chaired by the Chancellor. All policy matters related to the university are discussed and approved by the Governing Board. The Governing Board is responsible for the overall functioning of the University



Mr. Harshavardhan Neotia Chancellor

- Padmashri in 1999 for outstanding initiative in forging public private partnership development of social housing
- Chairman Ambuja Neotia Holdings Pvt Ltd.
- Managing Director Bengal Ambuja Housing Development Ltd.
- Chairman Neotia Healthcare Initiative Ltd.
- Chairman GGL Hotel & Resort Company Ltd.
- Former President FICCI
- Member World Residents' Organisation
- Former Member Board of IIT, Kanpur and Kharagpur
- Former Member Board of IIM, Kolkata



Mr. M. K. Narayanan

Member

- Former Governor of West Bengal
- Former Chief of Intelligence Bureau Special Advisor of Internal Security to Prime Minister of India
- Indian National Security Advisor, Govt. of India
- Significant role in the negotiation of the landmark Indo-US Nuclear Agreementthe landmark Indo-US Nuclear Agreement.



Sanjay Mitra

Member

- Former IAS Officer
- Defense Secretary
- Secretary of the Union Ministry of Road Transport and Highways
- Chief Secretary, West Bengal
- At present, Professor of Practice in the School of Public Policy in IIT Delhi.



Prof. Biswajit Ghosh

Vice Chancellor

- Vice Chancellor, The Neotia University
- Government of West Bengal honored him with 'Sikharatna', the 'Outstanding Teacher'
- National Institute of Technology, Agartola, honored him with D.Sc. for his outstanding contributions in Science, Engineering and Education.
- Obtained highest Academic Degree, Doctor of Engineering [D.Sc. (Engg.)] for pioneering contributions in Engineering Sciences
- Former postdoctoral researcher at Stuttgart University, Germany
- Former Fellow of European Commission and Visiting Reader at Northumbira University at Newcastle, Academic Visitor at Imperial College, London
- Former Royal Society Overseas Scientist at University of Surrey Guildford
- Former Visiting Professor as well as Leverhulme Visiting Professor at Newcastle University, Newcastle, UK
- Former Advisor at United Nation Industrial Development Organization (UNIDO) in Energy & Climate Change



### Prof. Anuradha Lohia

Member

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



**Prof. Subha Sankar Sarkar** Member

- 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. S. K. Misra Member

- Padma Bhushan in 2009
- 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
- Former Vice Chancellor, Punjab Agricultural University in Ludhiana and Key MEMBER in establishing Motilal Nehru School of Sports at Rai (Sonepat)



Pt. Vijay Kichlu

Member

- 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 Performance of classical and vocal music all over India, USA, Canada, Europe, Middle East & Phillipines
- Honorary Citizenship, State of Maryland and City of Baltimore, USA



Ms. Madhu Neotia Member

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



Mr. Sanjay Sethia

Member

- 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. Pradip Jyoti Agrawal

Member

- Advisor to the Chairman, Ambuja Neotia Group
- Chartered Accountant
- Strategic thought leader, Ambuja Neotia Group
- Spearheaded various group initiatives
- Former Chief Executive, Ganpati
   Greenfields Itd; Led the Raichak project
- Responsible for non-banking financial transactions including dealing with strategic partners
- In charge of the education vertical of Ambuja Neotia Group



Mr. Rupam Ghosh

Member

- 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)



Prof (Dr.) Sushil Kumar Kothari Member

- 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



Dr. Manish Jha

Member

- Registrar, The Neotia University, West Bengal
- Excellence and outstanding Awards given by the various organizations.
- Former Registrar, Quantum University, Roorkee
- Former Deputy Registrar, Swami Rama Himalayan University, Dehradun
- Former Assistant Registrar, University of Petroleum & Energy Studies, Dehradun
- Former Assistant Manger- Academic Support, Manya Education Pvt Ltd
- Member of the Reviewer to the reputed peer reviewed journals.

# **Academic Council**

SI. No.	Name	Designation	Position
1	Mr. P.J. Agarwal	Pro-Chancellor	Member
2	Prof.(Dr.) Biswajit Ghosh	Vice-Chancellor	Chairman
3	Prof.(Dr.) Sushil Kumar Kothari	Dean, School of Agriculture & Allied Sciences	Member
4	Prof.(Dr.) Niloy Sarkar	Dean Academic, Dean, School of Health Sciences	Member
5	Dr. Rakesh Kumar Singh	Associate Dean, School of Humanities and Social Sciences	Member
6	Prof. Rupam Ghosh	Associate Dean, School of Hospitality & Culinary Arts	Member
7	Prof.Malay Kumar Samanta	Dean Pharmacy	Member
8	Prof.(Dr.) Partha Kumar Mukherjee	Dean (off), School of Science and Technology	Member
9	Dr. Soumen Mukherjee	Associate Dean, School of Vocational Studies & Skill Education	Member
10	Mr. Suhas Mukherjee	Assistant Vice President, Admission & Administration	Member
11	Dr. Pulok Pattanayak	Controller of Examinations	Member
12	Mr. R.K.Verma	Chancellor's Nominee	Member
13	Dr. Manasi Chakraborty	Assistant Professor, School of Science and Technology	Member
14	Dr. Prosun Tribedi	Representative R&D Section	Member
15	Dr. Shivani Santosh	Teacher's Representative	Member
16	Prof.(Dr.) A.K.Bose	Nominated by Vice-Chancellor	External Member
17	Dr. Manish Jha	Registrar	Member Secretary

# Internal Quality Assurance Cell

Sl. No.	Name	Designation	Position
1	Prof. Biswajit Ghosh, Vice Chancellor	Vice-Chancellor	Chairman
2	Mr. Pradip Jyoti Agrawal, Advisor to Chancellor	Pro-Chancellor Nominee from GB	Member
3	Prof. Niloy Sarkar, Dean, School of Health Science	Professor	Member
4	Prof. Partha Kr. Mukherjee, Dean, School of Science & Technology	Professor	Member
5	Prof. S. K. Kothari, Dean, School of Agriculture and Allied Sciences	Professor	Member
6	Prof. M. K. Samanta, Dean, School of Pharmacy	Professor	Member
7	Mr. Rupam Ghosh, Dy. Director-School Hospitality & Culinary Art	Assoc. Professor	Member
8	Dr. Rakesh Kumar Singh, Assoc. Dean School of Humanities, Social Sciences, Management & Law	Assoc. Professor	Member
9	Dr. Soumen Mukherjee, Assoc Dean, School of Vocational Studies & Skill Development	Assoc. Professor	Member
10	Prof. P.P.Saha, Director SOMS	Professor	Member
11	Dr. Manish	Registrar	Member
12	Mr. Samik Samanta	Asst. Registrar	Member
13	Mr. Soumyadeep Bhadra	Member from Alumni	Member
14	Dr. D. P.Patra , Ex Head Fertilizer Coorporation of India	Member From Industry	Member
15	Mr. Suhas Mukherjee	Member, Non- Teaching Administrative Staff	Member
16	Dr. Prasun Tribedi	Assoc. Professor	Representative from R&D Committee
17	Dr. Abhijit Samanta	Asst. Professor	Coordinator/Member Secretary

# Research & Development Cell (R&D)\_\_\_\_\_

Research Advisory Council (Chaired By VC/Principal of His/Her Nominee)

Prof. (Dr) Biswajit Ghosh, D.Sc

Vice-Chancellor, Chairman, TNU

**Dr. Prasun Tribedi, Director** 

RDC, Convener

Finance & Infrastructure Committee (Committee 1)	
Prof. (Dr) Biswajit Ghosh, D.Sc Vice-Chancellor, Chairman,TNU	
Mr. P. J. Agrawal (Permanent Invitee)	Pro-Chancellor, TNU
Prof. Partha Mukherjee	Dean, School of Science and Technology
Dr. Prosun Tribedi	Acting Head & Associate Professor, Biotechnology, Convener
Mr. Vishal Kumar Gupta	Chief Financial Officer, TNU

Research Program, Policy Development.(Committee 2)	
Prof. (Dr.) Biswajit Ghosh, DSc	Vice-Chancellor, Chairman, TNU
Mr. P. J. Agrawal (Permanent Invitee)	Pro-Chancellor, TNU
Prof. (Dr.) Partha Mukherjee	Dean, School of Science and Technology
Dr. Prosun Tribedi	Acting Head & Associate Professor, Biotechnology, Convener
Dr. Bharat Chandra Saha	Professor, Agriculture
Prof. Chittaranjan Kole	Chief Advisor, Research work and Development, TNU
Dr. Manish	Registrar, TNU

Collaboration & Community (Committee 3)	
Ms. Swati Sharma  Assistant Professor, Legal Study, Chairman	
Dr. Bidisha Mondal	Assistant Professor, Agriculture, Convener
Dr. Shibani Santosh	Associate Professor, Applied Psychology
Prof. Supriyo Chetterjee	Head, Optometry
Mr. Suhas Mukherjee	AVP, Administration TNU (Invitee)

Product Development, Monitoring And Commercialization (Committee 4)	
Dr. Subhashis Mondal	Associate Professor, Pharmacy, Chairman
Mr. Prabin Kumar Jha	Associate Professor - School of Science and Technology (Robotics Dept), Convener
Dr. Prosun Tribedi	Acting Head & Associate Professor, Biotechnology
Dr. Bidisha Mondal	Assistant Professor, Agriculture
Dr. Abhijit Samanta	Assistant Professor, Chemistry

IPR, Legal Ethical Matters (Committee 5)	
Dr. Rakesh Kumar Singh  Associate Professor & Associate Dean of Law, Chairman, TNU	
Dr. Narahari Narayan Palei	Associate Professor, School of Pharmacy, TNU, Convener
Dr. Mostaid Ahmed	Assistant Professor,  Mathematics
Dr. Manish	Registrar, TNU

# Committees of University

### Finance & Infrastructure Committee

### The Finance Committee:-

SL NO.	Name	Position
1.	Mr. Harshavardhan Neotia-Chancellor	Chairman
1. 2.	Mr. Pradip Jyoti Agrawal-Pro Chancellor	Vice-Chairman
3.	Prof. Dr. Biswajit Ghosh-Vice Chancellor	Member
4.	Mr. Giriraj Damani-Nominated by Chancellor	Member
4. 5.	Prof. Rupam Ghosh-Dy. Director SHCA	Member
6.	Dr. Manish-Registrar	Member
6. 7.	Mr. Vishal Kumar Gupta, CFO	Member Secretary

### Anti- Ragging Committee 2021-2022

SI. No.	Name	Position
1	Prof. Biswajit Ghosh, Vice Chancellor	Chairman
2	Dr. Rakesh Kumar Singh	Nodal Officer/Convener 9433295839
3	Dr. Manasi Chakraborty, Assistant Professor	Member
4	Dr. Subhasis Mondal, Associate Professor	Member
5	BDO Diamond Harbour	Member, Local Administration
6	I/C Diamond Harbour –II	Member, Local Admoinistration
7	Mr. Suhas Mukherjee, Head Administration	Member
8	Mr. Sunanda Chatterjee, Assistant Registrar (Student affairs)	Member
9	Mr. Soumitro Bose, Manager Estate & Security	Member
10	Siddharth Darnal	Student Member
11	Shruti Sinha	Student Member
12	Mr. Arindam Ghosh	Member, Media Representative
13	Mrs. Lopa Mudra Chatterjee, Secretary Indian Woman & Youth Skill Foundation Kolkata	Member, NGO Representative

### Disciplinary Committee \_\_\_\_\_

Sl.No.	Name	Position
1	Dr. Rakesh Kumar Singh, Associate Professor	Chairman
2	Dr. Koyel Mitra, Assistant Professor	Convener
3	Dr. Abhijit Samanta, Assistant Professor	Member
4	Ms. Maitrayee Samanta, Manager Student Affairs	Member
5	Mr. Suhas Mukherjee, Head Administration	Member
6	Mr. Swagatam Roy	Student Member
7	Ms. Tiyasha Mukherje	Student Member
8	Mr. Samik Samanta, Assistant Registrar	Member
9	Mr.Sunanda Chatterjee, Assistant Registrar (Student Affairs)	Member
10	Mr. Goutam Shee, Security Officer	Invitee Member

### Internal Compliance Committee

1.	Dr. Shivani Santosh, Associate Professor, Psychology	Presiding Officer/ Chairperson
2.	Dr. Manasi Chakraborty, Assistant Professor, Chemistry	Convener
3.	Dr. Anindita Dutta, Assistant Professor, English	Member
4.	Ms Swati Sharma ,Assistant Professor ,Law	Member
4.	Mr. Suhas Mukherjee, Head Students Affair	Member
5.	Ms. Debasmita Das Biswas, Senior Manager-Marketing	Member
6.	Ms. Lopamudra Chatterjee, NGO Representative	Member
7.	Ms. Damini Prava Kundu	Student Member
8.	Mr. Chirojit Das	Student Member
9.	Ms.Dadrisha Dutta	Student Member

### Anti-Discriminatory Committee \_

SI.No	Name	Designation	Contact No
1.	Prof. Biswajit Ghosh, Vice-Chancellor	Chairman	9433332237
2.	Prof. Rakesh Kumar Singh, Dean SHMS	Convener	6289371259
3.	Mr. Suhas Mukherjee, Head Student Affairs	Member	9748731800
4.	Prof. Malay Kumar Samanta, Director ,School of Pharmacy	Member	9382536468
5.	Dr. Manasi Chakraborty, Coordinator IQAC	Female Member	8013523093
6.	Paramita Dhar Chakraborty, Law Officer	Female Member	9477002336

# The Schools in University

## **School of Agriculture & Allied Science**

### **Programmes**

SL No.	Programme	Duration	
1.	Ph.D in Agriculture	3-5 years	
2.	Ph.D in Fisheries Sciences	3-5 years	
3.	M.Sc.(Agriculture) in Soil Science	2 years	
4.	M.Sc. (Agriculture) in Agronomy	2 years	
5.	B.Sc in Agriculture	4 years	
6.	Bachelor of Fishery Science (B.FSc.)	4 years	

### **Research Activity**

### **University Funded Research Project**

SL No.	Name of the Faculty	Name of the Academic Unit	Name of the Academic Unit	Sanction No.
1.	Dr. Sruba Saha (PI) Prof. Sushil Kothari (Co-PI)	Agriculture	Evaluation of sesame germplasm on the basis of different yield and yield attributing traits under saline condition in South 24 Parganas, West Bengal.	R&D/2020/F5
2.	Dr. Bidisha Mondal (PI)	Agriculture	Estimation and characterization of essential oil from the surplus leaves of Betel vines (Piper betel L.) for effective waste management and enhancement of rural employability and economy of South Bengal.	R&D/2020/F6
3.	Dr. Sarthak Bhattacharya (PI)	Agriculture	Evaluation of recently developed high yielding vetiver (Chrysopogon zizanioides L.) varieties in salinity affected South 24 Parganas district of West Bengal.	R&D/2020/F7

### **Internal Research Work**

SL No.	Title of Project	Started in the Year	Duration
PROJECT I	Estimation and characterization of essential oil from the surplusleaves of Betel vines (Piper betel L.) for effective waste management and enhancement of rural employability  & economy of South Bengal	2022	18 months
PROJECT II	Evaluation of recently developed high yielding vetiver (Chrysopogon zizanioides L.) varieties in salinity affected South 24 Parganas district of West Bengal.	2020	18 months
PROJECT III	Collection and evaluation of sesame germplasm in saline environment of South 24 Parganas, West Bengal	2020	18 months

SL No.	Title of Project	Started in the Year	Duration
PROJECT IV	RFID in Avian Influenza hazards- A Case Study for Design & Implementation of a RFID based device for Early Bird flu Detection and Cost-Effective Poultry Management	2022	3 months
PROJECT V	Exploring the potential ofnanoengineered fertilizersand pesticides for sustainableagricultural applications	2022	3 months
PROJECT VI	Application of Biotechnology relevant biofilm-forming organisms tosoil: A unique and potentialapproach for the sustainabledevelopment of agriculturalpractice	2022	3 months
PROJECT VII	Development of suspension culture of Rauwolfia serpentina for secondary metabolite production through elicitation	2022	3 months

### **Seminars and Conferences**

 Report on Farmers' interactive meet on cultivation and processing of economically feasible aromatic crops in West Bengal

Mission Aroma is an initiative by CSIR, CIMAP (Central Institute of Medicinal and Aromatic Plants) to disseminate aromatic plants production technology throughout the country. The Seminar was held on 11.3.2022 in collaboration with The Neotia University (TNU) and CIMAP at the Seminar Hall (SB-II), The Neotia University. The Special Guests were Dr. Rakesh Kumar, Scientist, CSIR, CIMAP and Mr. Vivek Singh, Ph.D. Scholar, CSIR, CIMAP.

Symposium on the "Fertilizer Orientation Course"

The programme was organized on 21st March, 2022 in The Neotia University, Sarisha, South 24 Parganas, West Bengal. The Fertilizer Orientation Course programme in coordination with the Fertilizer Association of India, Eastern Region was mainly organized for the Fourth Year B.Sc. (Ag) students to make them aware regarding various fertilizer companies as well as enrich them with the knowledge regarding production, transportation and marketing of the fertilizers. The orientation programme was attended by 132 students along with the faculty members. Numerous guests were invited in the programme who delivered their beautiful presentation regarding the production, utilization, shipment as well as marketing of the fertilizers.

Seminar on "Agripreneur Opportunities for Agricultural Graduates"

A seminar on "Agripreneur Opportunities for Agricultural Graduates" held at the Seminar Hall (SB-II) on 6th April, 2022. Agripreneurship refers to entrepreneurship in agriculture. Entrepreneurship is a concept that encompasses transforming an idea or vision into a "new business or new venture creation, or the expansion of an existing business, by an individual, a team of individuals, or an established business". Entrepreneurship as opposed to self-employment is also defined by the spirit of the entrepreneurs. Entrepreneurs are usually creative, take opportunities and accept risks, and can quickly change business strategies to adapt to changing environments. SAAS, TNU invited Mr. Samrat Mukherjee, DGM, NABARD as the Special Guest.

Mr. Samrat Mukherjee was felicitated by Dr. Bidisha Mondal. The session was inaugurated by Prof. Sushil Kumar Kothari with his inaugural speech. He enlightened us with some aspects of Agripreneurship. The honorable VC of TNU, Prof. Biswajit Ghosh delivered speech on enormous scope of Agriculture study.

Mr. Samrat Mukherjee introduced the students to some economic terms like dividend, inventory, demand of agricultural commodities, Cooperative Banks, Regional Rural Banks etc. He emphasized on Farmer Producer Organizations, Agri-clinics and how these organizations can help the students to generate income. He described about supply chain management and its importance in Agriculture. As a resource person Mr. Mukherjee enlightened our students about NABARD functioning, its Board of management and how NABARD is helping the agriculture sector to achieve self-sufficiency in food production.

### **Activities & Events of the Agriculture Department**

### • Mushroom Unit Inauguration Programme

The mushroom cultivation unit was inaugurated on 13th April, 2022 at The Neotia University campus to facilitate the experiential learning program for our final year students. This mushroom cultivation unit will facilitate the learning process of spawn production and mushroom cultivation for our students in an appropriate manner. As we all know mushroom is an economic crop with enormous health benefits, so proper understanding of the cultivation and production process along with hands-on training will encourage the students to come up with eye catching entrepreneurship ideas which will help them in building up their own ventures for their sustainable livelihood and create jobs for the others. The students will be submitting a detailed project report on the theme as part of their course curriculum.





### Outreach Programme

Outreach Programme cum farmer-scientist interaction meet organised by the School of Agriculture and Allied Sciences at Sagar Island, South 24 Parganas, West Bengal on 30<sup>th</sup> March, 2022

The Agriculture Unit of School of Agriculture & Allied Sciences conducted its first Outreach Programme and Farmer-Scientist Interactive Meet on 30.03.2022, where the agriculture experts of the school visited Sagar Island to examine, interact and gain knowledge from the betel-leaf and brahmi farmers of the island. The two cash crops betel leaf (Piper betle) propagation along with brahmi cultivation are conducted in the Sagar Island of South 24 Parganas, West Bengal.









### 3rd World DNA Day Celebration (Theme: DNA-The musician behind the symphony of life)

The School of Agriculture & Allied Sciences, The Neotia University commemorated the World DNA Day on April 25, 2022 (Monday). The welcome speech was delivered by Dr. Bidisha Mondal, HOD, Agriculture unit and Convener of the World DNA Day Committee featuring the contribution of nucleic acid (DNA and RNA) in transmission of heredity from ancient period along with its journey through geological time-scale.

The quintessential inaugural lecture delivered by Prof. Biswajit Ghosh, Vice Chancellor, The Neotia University covered the famous Miller's experiment and travelling from past with DNA to the utilization of solar energy at present day in the field of agriculture were part of that excellent discourse. The address also covered the non-conventional energy sources as well as reference about agri-voltaic cells. The notable message of the school was presented by Prof. Sushil Kumar Kothari, Dean, School of Agriculture and Allied Sciences (SAAS) highlighting the achievements of the school covering our 100% student internship, diverse outreach programmes, alliance with private and public sector organizations, invited experts lectures arranged by the school, farm and field and different facility development etc.

The magnificent lecture of eminent Prof. Chittaranjan Kole highlighted the recent developments in new avenues of application of DNA technologies. The lecture entitled "DNA technologies for combating global challenges" covered several sophisticated technologies covering nano-technology and gene editing.





### International Sun Day Celebration (Theme: Food and Energy Security from Zero Land & Zero Water Systems)

Across the globe, reductions in precipitation and rising air temperatures are increasing vulnerabilities in both the agricultural and energy sectors. Water scarcity concerns are shaping conversations and driving action in the agricultural sector while extreme weather events are impacting energy systems worldwide, reducing the reliability of energy generation. As such, the resilience of the global energy system is of growing importance. Drought-proof technologies such as wind and solar photovoltaics can satisfy both resilience and sustainability concerns. Keeping in mind the huge impact of photovoltaic system in present day agriculture, The Neotia University commemorated the International Sun Day on May 05, 2022 (Thursday). The day is being celebrated for successive years with utmost enthusiasm and diligence. The day began with a pure and serene chorus song of Rabindranath Tagore presented by the B.Sc Agriculture students.

The inauguration of 'Agrivoltaic Park' in the field opposite to SB II Buildings was done by Mr. Samrat Mukherjee, Deputy General Manager, NABARD. Mr. Samujjal Ganguly from Vikram Solar, one of the largest production house of solar panel in India provided a magnificent insight into the production process of solar panels as well as the company. The program was chaired by another eminent personality of the scientific fraternity Dr Priyobrata Santra from CAZRI, ICAR. Dr. Santra presented wonderful insights on the possibilities and potential of Agrivoltaic system. He presented a detailed overview on the design aspects of the solar photovoltaics and performance of agriculture under a photovoltaic panel.









### • Orientation Programme on 'Seed Production Technology'

Realizing the importance of seed the School of Agriculture and Allied Sciences, The Neotia University conducted an Orientation Programme on Seed Production Technology on May 10th, 2022. The School of Agriculture & Allied Sciences, The Neotia University commemorated the 1st Orientation Program on 'Seed Production Technology' on Tuesday, May 10th, 2022. The chief speakers of the auspicious occasion were Sri Bidhan Chakraborty, Managing Director, West Bengal State Seed Production Limited and Dr. Nirmalendu Samanta, Technical Director, Hall Mark Seed Company. The programme began with lightning lamp by our honorable guests with Vice Chancellor, TNU, Prof. Biswajit Ghosh, Registrar TNU, Mr. Manish and our respected Dean of the School of Agriculture and Allied Sciences Prof. Sushil K. Kothari.

### World No Tobacco Day (Theme: Tobacco- Threat to our Environment)

The Neotia University observed World No Tobacco Day on 30.05.2022 with a mission to evoke awareness on harmful and deleterious effect of tobacco use on everybody and on human life. This year the theme of the day was 'Tobacco: Threat to our Environment.' Keeping the theme on mind the event was covered under the umbrella of green initiatives taken by the University to build a pollution free green and clean campus for our students. This day was organised by a committee involving several schools and all the students of the university were invited to participate in the programme.



### Agro-Meteorological Advisory Service (AAS) SAAS, TNU

Weather and climate information plays a vital role in agriculture management and production. In order to cater to the weather information needed for the farming community India Meteorological Department (IMD) initiated Farmers Weather Bulletin in the year 1945. AAS provides a very special kind of inputs to the farmer as advisories that can make a tremendous difference to the agriculture production by taking the advantage of benevolent weather and minimize the adverse impact of malevolent weather. It emerged that the prime need of the farmer is location specific weather forecast in quantitative terms. In this regard SAAS, TNU has also started to issue weather information along with crop specific agro-advisory to its adjoining villages like Darikrishnagar, Jhinga, Kalagachi, Jobrali, Cheora, Kalitala from June, 2022. Presently we have collected the whatsapp numbers of the progressive farmers and the whole agro-advisory is being circulated through the whatsapp group on every Tuesday and Friday. The whole process is done after getting the weather forecasting and agro-advisory from the Regional Meteorological Center, Kolkata. Here in our TNU campus we also have our Agro-Meteorological observatory for recording the day to day weather observations.



### · Students' Achievement



### **Faculty Profiles**

SL No.	Name of Faculty	Designation	Specialization
	Prof. Dr. Sushil Kr Kothari	Dean & Professor	
	Dr. Pijush Das	Assistant Professor	
	Dr. Tanuj Kumar Mondal	HOD & Assistant Professor	
4	Dr. Arindam Kundu	Assistant Professor	Agronomy   Agro forestry
	Ms. Shobhanika Barik	Teaching Assistant	Agronomy + Agro-forestry
	Ms. Mousumi Mondal	Visiting Faculty	
	Ms. Indrani Khoso	Teaching Assistant	
	Ms. Saumi Goswami	Teaching Associate	
	Dr. Agniswar Jha Chakraborty	Assistant Professor	
	Mr. Subhadip Pal	Teaching Associate	Agricultural Economics + (Basic
2	Mr. Parvez Mallick	Teaching Associate	Economics, Maths & Computer
	Dr. Sanjoy Ghorui	Visiting Professor	Science and Statistics)
	Mr. Mukul Samaddar	Visiting Faculty	

SL No.	Name of Faculty	Designation	Specialization	
	Dr. Shraddha Bhattacharya	Assistant Professor		
3	Dr. Abhishek Ghosh	Assistant Professor	Agriculture Extension & Communication + (Sociology and	
o o	Mr. Rohan Bhaduri	Teaching Assistant	Psychology, English)	
	Dr. Koushik Sen	Assistant Professor		
4	Mr Tanmoy Satpati	Teaching Assistant	Entomology	
	Prof. Swapan Mondal	Visiting Professor		
	Dr. Bidisha Mondal	HOD & Assistant Professor		
	Dr. Sarita K Pandey	Assistant Professor		
	Dr. Sruba Saha	Assistant Professor		
5	Prof. Bharat Ch Saha	Professor	Genetics & Plant Breeding +	
	Prof. Samir Samanta	Visiting Professor	(Seed Science & Technology	
	Ms Kriva Bhattacharya	Teaching Assistant		
	Dr. Sreemoyee Bhattacharya	Visiting Faculty		
	Ms Shampa Purkayastha	Visiting Faculty		
	Dr. Sarthak Bhattacharyay	Assistant Professor		
	Dr. Ananda Kr Mondal	Visiting Professor		
	Dr. Riman Saha Chowdhury	Assistant Professor		
6	Mr. Shuvadeep Halder	Teaching Associate	Horticulture + (Food Science & Technology)	
	Ms Monika Jain	Teaching Assistant	& lechhology)	
	Ms Sujata Karmakar	Visiting Faculty		
	Mr. Arijit Purkayastha	Visiting Faculty		
	Dr. Madhurima Banik	Assistant Professor	Soil Science and Agricultural	
	Mr. Sourav Mallick	Teaching Assistant	Chemistry + (Microbiology,	
7	Ms Trisha Manna	Teaching Associate	Agro-meteorology, Environmental	
	Prof. Buddheswar Majhi	Visiting Professor	Sciences)	
	Dr. Solanki Sarkar	Assistant Professor		
8	Dr. Arghya Banerjee	Assistant Professor	Plant Pathology	
O	Ms. Victoria Roy	Teaching Assistant	riant rathology	
	Ms Nibedita Adhikari	Visiting Faculty		
	Mr. Aminul Islam	Assistant Professor		
9	Dr. Sankha Koley	Assistant Professor	Agriculture Engineering + (Farm Management)	
	Mr. Abhishek Anand	Teaching Assistant		
40	Dr. Debasish Mondal	Visiting Faculty	Apire - LO-i	
10	Dr. Ashamukul Roy	Visiting Faculty	Animal Sciences	
11	Mr. Pragun Pal	Teaching Associate	Biochemistry and Crop Physiology	

### **Department of Fisheries Science**

### **University Sponsored Research Project**

SL No.	Name of the Faculty	Name of the Academic Unit	Title of the Project	Sanction No.
1.	Dr. Shibam Saha (PI)	Fishery	Pilot scale trial on development of a feeding strategy in cage culture of GIFT- Tilapia (Oreochromis mosambicus)	R&D/2020/F9

### **Seminars and Conferences**

The Department of Fisheries has conducted couple of National/International Webinars and the details are given as under.

- A National Webinar on Integrated Development and Management of Fisheries and World Fisheries Day celebration on 21st November, 2021. For this event the department has invited Dr.Dibakar Bhakta, Scientist ICAR-CIFRI, Barrackpore, West Bengal, Indi; Mr. Subhendu Haldar, Fishery Extension Officer FFDA, Nadia & Tehatta-2 Dev. Block (In-charge), Nadia, West Bengal, India; Mr. Barun Kr. Paul, Fishery Extension Officer, Krishnanagar-2, Development Block, West Bengal, India as guests of honour and subject matter experts.
- An International Webinar on Fisheries and Aquaculture was conducted on 10th July, 2021 on the occasion of National
  Fish Farmer's Day. Dr.Yahia Mahmud, Director General (DG) Bangladesh Fisheries Research Institute (BFRI),
  Mymensingh, Bangladesh; Dr. Mst Kaniz Fatema Runa, Professor, Department of Fisheries Management, Faculty
  of Fisheries, Bangladesh Agricultural University (BAU); Dr. Sanjoy Das Principal Scientist ICAR-CIBA, Kakdwip,
  West Bengal were invited to deliver lectures related to production, resource utilization, employment generation and
  empowerment of youth and women for self-employment in the fisheries sector.

The department of Fishery Science had also invited few successful farmers namely Md. Sadar Amin, Manager Halda Fisheries Ldt., Bangladesh and Mr. Dipankar Ghosh, Ornamental Fish Entrepreneur from India to share their experience in this particular venture and to provide basic idea to the students and the participants on challenges in fisheries entrepreneurship and way forward.

### Activities & Events of the Fisheries Department

### Sessions and Training by Experts:

With the aim to provide sufficient field exposure and better understanding of the concepts, special lectures and training classes were organized with the help of experts in the field of Fishery Science. The following are the activities that are conducted during the last academic year.

- Fish Breeding Techniques, Haldia Development Block under the guidance of Mr. Suman Kumar Sahu, FEO Haldia.
- Virtual training by Mr. Dipankar Biswas (successful entrepreneur) on entrepreneurial development based on culture of ornamental fishes.
- Student-Industry Virtual Meet: Topic- "Common Shrimp Diseases at Farm Level" to better educate the students making them aware of the practical constraints.
- Resource person: Mr. Biswadeep Dey (Consultant), Biostadt
- Student-Industry Virtual Meet: Topic- "Breeding and Larval Rearing of Penaeus monodon." Resource person: Mr. Sourav Maity (Consultant), Biostadt.
- Invited lecture by Dr. Kishore Kunal, Scientist and In-Charge of ICAR-DCFR, Uttarakhand.
- Invited lecture on Therapeutics in Aquaculture by Dr. T. J. Abraham, Professor, Dept. of AAH, FFSc., WBUAFS.
- Entrepreneurship Development Programme for B.F.Sc. Students under 'Earn while you Learn' Concept.

### **Faculty Profiles**

SL No.	Name of the Faculty	Designation	Specialization
1.	Prof. H. Shivananda Murthy	Chair Professor	Aquaculture
2.	Ms. Subhalaxmi Das Banerjee	HOD, Division of Fisheries	Aquaculture
3.	Dr. Shibam Saha	Asst. Professor	Fisheries Resource Management
4.	Dr. Ujjwala Upreti	Asst. Professor	Aquaculture
5.	Dhande Kranthi Kumar	Teaching Associate	Fisheries Economics and Statistics
6.	Animesh Ankuria	Teaching Assistant	Fisheries Engineering
7.	Qurratul An Qureshi	Teaching Assistant	Aquatic Animal Health Management
8.	Camelia Chattopadhyay	Teaching Assistant	Fisheries Extension

### **School of Health Sciences**

### **Programmes**

SI. No.	Programme	Duration
1.	Ph.D In Applied Psychology	3-5 years
2.	Ph.D In Hospital Management	3-5 years
3.	M.Sc. in Applied Psychology	2 years
4.	Masters in Hospital Management	2 years
5.	Bachelors in Hospital Management	3 years
6.	B.Sc. in Applied Psychology	3 years
7.	Bachelor of Optometry	4 years
8.	Bachelor of Medical Laboratory Technology	3.5 years
9.	B.Sc. in Radiology & Medical Imaging Technology	4 years
10.	Bachelor of Physiotherapy	4.5 years

### **Research Activity**

### **University Funded Research Project**

SI. No.	Name of the Faculty	Name of the Academic Unit	Title of the Project	Sanction No.
1.	Prof. Supriyo Chatterjee (PI)	Optometry	Prevalence of uncorrected hypermetropia among The Neotia University students	R&D/2020/F10
2.	Prof. (Dr.) Niloy Sarkar (PI)	Hospital Management	A Study on successful medical tourism in India	R&D/2020/F11

### Research Publications (2021-2022)

- A Review Article on "Barrier nursing- an effective tool to deal with infectious diseases: Review of Nipah Virus outbreak in India"
  - AUTHORS: Atrayee Bandyopadhyay, Teaching Associate, Department Of Hospital Management, School Of Health Sciences, Prof Dr Niloy Sarkar Dean-Academics, TNU, Journal of Nursing Research, Education and Management (e-ISSN: 2582-001X), Volume-3, Issue-1, ,MAT Journals
- Mondal, B. & Mitra, G. (2022) Gene Mining for Management of Psychological and Neurodevelopmental Disorders, Asian Journal of Biological and Life Sciences, 11 (1).
- Swarnava Biswas, Debajit Sen, Dinesh Bhatia, Pranjal Phukan, Moumita Mukherjee. Chest X-Ray image and pathological data based artificial intelligence enabled dual diagnostic method for multi-stage classification of COVID-19 patients[J]. AIMS Biophysics, 2021, 8(4): 346-371. doi: 10.3934/biophy.2021028

- Biswas, Swarnava et al. "Artificial intelligence enabled non-invasive T-ray imaging technique for early detection of coronavirus infected patients." Informatics in medicine unlocked vol. 32 (2022): 101025. doi:10.1016/j.imu.2022.101025
- Biswas, Swarnava, Chandranath Chakraborty, Riddhi Chawla, Dabosmita Paul, Debajit Sen, Niloy Sarkar, and Moumita Mukherjee. 2021. "A Pragmatic Approach for Detecting NCOVID-19 Using Pervasive Computing Based on Dual Diagnostic Measures". International Journal of Statistics in Medical Research 10 (December):183-93. https://doi.org/10.6000/1929-6029.2021.10.17.
- Biswas, Swarnava, Debajit Sen, Dinesh Bhatia, and Moumita Mukherjee. 2021. "COVED: A Hardware Accelerated Soft Computing Enabled Intelligent Value Chain Based Diagnostic Automation for NCOVID-19 Estimation and Identification".
   International Journal of Statistics in Medical Research 10 (November):146-60. https://doi.org/10.6000/1929-6029.2021.10.14.
- Biswas, Swarnava, Debajit Sen, and Moumita Mukherjee. "PANDIT: An Al Twin-Based Radiography Image-Assisted nCOVID-19 Identification and Isolation." In Internet of Things and Its Applications, pp. 293-301. Springer, Singapore, 2022.
- Biswas, Swarnava, Debajit Sen, Rohit Mahajan, and Moumita Mukherjee. "A Dual Diagnostic Measure driven pragmatic approach for nCOVID-19 Detection by Pervasive Computing." In 2021 International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE), pp. 158-164. IEEE, 2021.
- Biswas, Swarnava, Anoop Kumar Prasad, Debajit Sen, Dinesh Bhatia, and Moumita Mukherjee. "Comparative Study on Predictive Mathematical Models for Risk Assessment of nCOVID-19 Pandemic in India." In Advances in Medical Physics and Healthcare Engineering, pp. 393-404. Springer, Singapore, 2021.
- Biswas, Swarnava, Debajit Sen, and Moumita Mukherjee. "In-Silico Studies of Alzheimer's Disease Affected Brain Using a Novel Terahertz Thermography Technique." In Advances in Medical Physics and Healthcare Engineering, pp. 311-318. Springer, Singapore, 2021.

### **Activities & Events of the Health Sciences**

Programme	Date
Invited Lecture on History taking and Mental status Examination	10 <sup>th</sup> and 11 <sup>th</sup> January, 2022
World Health Day-Health Camp (Mental Health testing)	7 <sup>th</sup> April, 2022
Mindfulness-Practices for Awareness and compassion	25 <sup>th</sup> November, 2021
World Optometry Day Celebration	23 <sup>rd</sup> March, 2022
Lecture on the event on World Health Day	7 <sup>th</sup> April, 2022
Health Camp on the event on World Health Day	7 <sup>th</sup> April, 2022
World No Tobacco Day Celebration	31 <sup>st</sup> May, 2022
Corporate Lecture Series	11 <sup>th</sup> August - 23 <sup>rd</sup> August, 2021

### Outreach programme

- 1. A visit to a nearby village to spread awareness on the importance of Mental and Physical Health and hygiene
- 2. A Health camp was set up for local needy people and university level students of Diamond Harbour

### **Faculty Members**

SI. No.	Faculty Name	Designation	Specialization	
1.	Shreya Bhanja Chaudhury	Teaching Associate	Healthcare & Hospital Management	
2.	Atrayee Bandyopadhyay	Teaching Associate		
3.	Dr. Tridib Chatterjee	Visiting Faculty		
4.	Dr. Gouranga Mitra	Assistant Professor	Organizational Behavior	
5.	Dr. Sudeshna Roy	Assistant Professor	Educational Psychology	
6.	Dr. Shivani Santosh	Associate Professor		
7.	Dr. Aritrika Lahiri	Visiting Faculty		
8.	Dr. Soma Pramanik	Assistant Professor	Clinical Psychology	
9.	Anam Firoz	Visiting Faculty		
10.	Santanu Ray	Assistant Professor		
11.	Debolina Kumar	Faculty	Ontomoto	
12.	Supriyo Chatterjee	Head - Academic Unit Optometry	Optometry	
13.	Shahid Mahmood	Visiting Faculty		
14.	Swarnava Biswas	Teaching Associate	Medical Laboratory	
15.	Jagrity Biswas	Teaching Assistant	Technology	
16.	Divya Rana	Teaching Assistant	Radiology & Medical Imaging Technology	
17.	Dr. Rajasree Kar	Teaching Associate		
18.	Dr. Srijani Banerjee	Visiting Faculty		
19.	Dr. Haimanti Goswami	Assistant Professor		
20.	Dr. Amrit Biswas	Visiting Faculty	Physiotherapy	
21.	Dr. Nabamita Chatterjee	Visiting Faculty		
22.	Dr. Debarati Goswami	Visiting Faculty		
23.	Dr. Pradip Poria	Visiting Faculty		

# The School of Humanities, Management and Social Sciences, Department: English

### **Programmes**

SI. No.	Programme	Duration
1.	PhD (English) from the School of Humanities, Management and Social Sciences	3-5 years
2.	BA Hons. in English (with Specialisation in Mass Communication)	3 years

English Language/Communicative English/ Business English / Soft Skills / Professional Skill Development/ English for Placement papers are taught in all other Academic Units of the University.

### **English for other Departments**

- 1) BIOTECHNOLOGY (B.Sc & M.Sc)
- 2) ROBOTICS (B.Tech)
- 3) COMPUTER SCIENCE ENGG. (B.Tech)
- 4) PHARMACY (B.Pharmacy)
- 5) AGRICULTURE (B.Sc & M.Sc)
- 6) HOSPITALITY & CULINARY ARTS (B.Sc)
- 7) MARINE (B.Tech)
- 8) NAUTICAL SCIENCE (BNS)

- 9) PSYCHOLOGY (B.Sc & M.Sc)
- 10) HOSPITAL MANAGEMENT (BHM)
- 11) PHYSIOTHERAPY (BPT)
- **12) MLT** (BMLT)
- 13) RIMT (BRIMT)
- 14) OPTOMETRY (B. Optomrtry)
- 15) LAW -BA.LLB/BBA.LLB
- 16) MANAGEMENT & COMMERCE BBA & BCOM

### **PROGRAMME - English for Placement Classes**

Run by the English Department for all Academic units of The Neotia University

Commenced from: February 2021

The programme commenced from the Even semester 2021 i.e. from 24th February 2021.

### Objectives:

To prepare students for Placement and build up the Employability of Students

To equip the students with the skills needed in the global workplace

### Course levels - from Beginners to Advanced

The syllabus has been designed for an all-round and holistic development of students in English, since English is not only the 'lingua franca' and a link language but the language of the workplace worldwide. These 'English for Placement' classes are a part of the weekly timetable for almost all departments of the University. They are graded for different level of learners and develop the English proficiency of students for employability, social, academic and professional skills.

- Basic Level 1 (sem 1/2)
- Intermediate Level 2 (sem 3/4)
- Advanved Level 3 (sem 6/8)

### **Research Publications**

Faculty Name	Publications (2021-2022)		
Dr. Anindita Dutta	Revisiting Sherlock Holmes outside the Doyle canon' –Journal of Emerging Technologies and Innovative Research' 2021, Vol 8. ISSN 2349-5162     Using Nonverbal Communication Digitally' International Journal of Research and Analytical		
	Reviews 2022 Vol. 9 . ISSN 2349-5138		
Dr. Koel Mitra	1. The Myriad of Meanings in Literary Culture Studies, an anthology of critical essays on Literary and Cultural Studies, ISBN 979-8433508736, jointly edited by Ahmed Tahsin Shams, Dr. Koel Mitra and Avik Gangopadhyay, published by Blank Voices, Dhaka, March 2022.		
	1. Bengal's Syncretism woven in the Folk Tradition of its Culture, Rituals & Beliefs Studies in Language, Literature & Theory. Upanayan Publications: Delhi. 2021. ISBN: 978-93-91467-05-0		
Ms. Aliya Halim	2. Importance of Digital Technology in English Language Learning. Journal of Linguistics & English Language Teaching. Volume 1, No. 1 January- June 2021 Online ISSN: 2582-8959		
	3. Mela: A Picture of Bengal's Syncretistic Tradition in Indian Folklore: Contemplation on Art, Aesthetics & Culture. Upanayan Publications: Delhi. June, 2021. ISBN: 978-81-949267-4-0.		

### Activities & Events of the English Department

SL No.	Title of the Academic Event	Year	Type	Level (National/ International)	Funding
1.	Corporate Communication & PR in the Digital Domain (Guest Lecture)	2021	Online	International	University
2.	Creative Writing in the New Age (Guest Lecture)	2021	Online	International	University
3.	The Successors of Sherlock Holmes (Webinar)	2021	Online	International	University
4.	Audiovisual & Print Media – Overview, Challenges & Career Prospects (Guest Lecture)	2021	Online	International	University
5.	Faculty Development Program on Business Communication, conducted by TCS	2021	Online	University-Level	University
6.	Refresher Course for All First Year Students of TNU	2021	Online	University-Level	University
7.	Officially Started Teaching Learning of BA (Hons) in English WSIMC, in the Blended Curriculum	2022	Offline	University-Level	University
8.	Celebration of the 458th Birth Anniversary of William Shakespeare and The Launch of the Departmental Newspaper (DETNU Chrnonicles)	2022	Offline	International	University
9.	Mobile Journalism: Using Smartphones in Journalistic Work (Guest Lecture)	2022	Offline	University-Level	University
10.	Departmental Youtube Channel Launch at the University Bhasha Divas/International Mother Language Day Celebrations, followed by uploading of 6 videos till date.	2022	Offline	University-Level	University
11.	Cinematography: Exploring Trends and Possibilities	2022	Online	International	University
12.	Translation Market Anatomy: Current Trends and Future Perspectives	2022	Online	International	University

12	Translation Market Anatomy: Current Trends and Future Perspectives	2022	Online	International	University
13	The Departmental Students' Quiz Team has secured the Third Position in Quizzathon 2022	2022	Offline	University-Level	University
14	The Departmental Faculty has functioned as the Organizing Team in Quizzathon 2022	2022	Offline	University-Level	University
15	Students attended the 27th Kolkata International Film Festival as part of their Field Trips, for learning ground-journalism, film reviewing, documentary movie making, etc.	2022	Offline	University-Level	University
16	Workshop for Final Year students open to all departments of TNU	2022	Offline	University-Level	University
17	Bridge Course (Foundation programme in English) for All First Year students of the University	2022	Offline	University-Level	University
18	Special English Classes for Placement (at every level) conducted in all departments of the University	2021- 2022	Offline	University-Level	University
19	Mock Interview Sessions conducted for all Departments	2021- 2022	Offline	University-Level	University

### A Workshop on Professional English for Final Year Students of TNU

A five day Workshop: Campus to Industry and beyond was conducted by the Faculty members (of the Language Section) of the English Department. The workshop welcomed students from different departments of the University. It aimed at improving the employability skills of the final year students of The Neotia University. The thrust areas: Writing a Professional CV, Facing a Job Interview, Aptitude Skills for Jobs and Discourse Competence were covered in this workshop. The Workshop presenters, our own faculty members from the English departments received outstanding feedbacks from the participating students, words of thanks and appreciation as participants felt the workshop was immensely helped them to become 'job ready', preparing themselves for an after campus life. It was a remarkable, heartwarming and satisfying experience for the English department.

### **Workshop Photos**









### **Photos English Departmental Events:**













### 2. Faculty Members

SL No.	Faculty Name	Designation	Specialization		
1.	Dr. Anindita Dutta	Head, Department of English	English Language Teaching, British Literature, Professional English, Business Communication, Soft Skills		
2.	Dr. Koel Mitra	Assistant Professor & Course Coordinator, Department of English	Digital Humanities, Comparative Literature, Critical Theory, Language and Linguistics		
3.	Dr. Atreya Banerjee	Assistant Professor, Department of English	Ecocriticism, Comparative Literature, Critica Theory, Language and Linguistics		
4.	Dr. Debobani Biswas	Assistant Professor, Department of English	African American Drama, Minority Studies, English language Teaching and Communication		
5.	Ms. Aliya Halim	Teaching Associate	English Literature & Linguistics		
6.	Ms. Ranjana Chattopadhyay	Teaching Associate	Communicative English		
7.	Ms. Sana Mumtaz	Faculty	Communicative English, Job Aptitude Skills		
8.	Ms. Rupa Biswas	Visiting Faculty, Department of English	Folk Media, Mass Communication and Videography, print and audio visual media		

# The School of Humanities, Management and Social Sciences, Department: Commerce

### **Programmes**

SI. No.	Programme	Duration
1.	B. Com (H) in Taxation & E-Commerce	3 years

### **Research Publications**

Role of Foreign Direct Investment in Insurance for the Revival of Indian Economy	PARIPEX - Indian Journal of Research	2022	ISSN: 2250 – 1991	Peer Reviewed
Marketing Strategies of Jio and BSNL in the Telecom Industry with respect to 5G Services in India	International Journal of All Research Education & Scientific Methods	2022	ISSN: 2455-6211	Peer Reviewed

#### Seminars attended-

- 1. International Refresher Course on "Emerging Jurisprudence of Intellectual Property Rights and Policies: Recent Trends and Challenges Around the Globe" from 6th to 18th September, 2021
- 2. 6th International Vision Seminar 2022 on "ESG to SDG -The Roadmap for a Sustainable World" on 25th& 26th February, 2022
- 3. Participated in IP awareness/Training program under "National Intellectual Property Awareness Mission on July 20, 2022, organized by Intellectual Property Office, India.

### **Events and Activities**

#### 1. Activity -

Organised "A Business Conclave" Workshop held on 19<sup>th</sup> and 20<sup>th</sup> May, 2022, as an Associate Partner for the Management Department







#### Students' Achievement-

1. The students of B.com (H) had participated the program "Horizon 22" organised Sister Nivedeta University on 29th and 30th April, 2022. Three students won Gold Medal in Business Plan Presentation in inter college competition. The other three students won Bronze Medal in Corporate Rowdy Competition. These kind of events and competition is a source of inspiration for others.



### **Sports & Cultural Activity**

- 1. Two students participated in Basketball.
- 2. One student participated in Badminton.
- 3. One student reached with the team of BBA in final of quiz organised by TNU.
- 4. One student participated in Football.

### **Faculty Members**

SL No.	Faculty Name	Faculty Name Designation	
1.	Dr. Mushtaq Ahmad	Assistant Professor	Marketing
2.	Dr. Sweta Rani	Assistant Professor	Management
3.	Dr. Santanu Ray Chaudhury	Assistant Professor	Economics
4.	Ranjana Chattopadhyay	Assistant Professor (Ad Hoc)	English
5.	Dr. Manashi Chakraborty	Assistant Professor	Chemistry
6.	Dr. Sandipan Chakravorty	Assistant Professor	Computer Science
7.	Bitobi Lahiri	Visiting Faculty	Commerce

# The School of Humanities, Management and Social Sciences, Department: Management

### **Programmes**

SI. No.	Programme	Duration
1.	PhD (Management) from the School of Humanities, Management and Social Sciences	3-5 years
2.	BBA in Retail Management	3 years
3.	BBA in Digital Marketing	3 years
4.	BBA in Logistics & Supply Chain Management	3 years

#### **Events and Activities**

• A Group Discussion was Organized by Dr. Mushtaq Ahmed & Dr. Sweta Rani. The Jury Members: Dr. Rakesh Kumar Singh & Prof. Ranjana Chattopadhyay. The topic was Service sector during pandemic on 21/12/2021.





#### WHALE TANK 2022: SERIES I:

Organized by - Dr. Sweta Rani

**Event: Product Selling** 

Investors: Mr. D. Gopi Bhushan, Dr. Mustaq Ahmed, Dr. Rakesh Kr. Singh

Participants: BBA Digital Marketing (1st Year)

- 1st Position: Group F / Total votes = 40 (Contestant: Riya Mandal, Jyoti Prajapati, Tithi Natta)
- 2nd Position: Group H / Total votes = 39 (Contestant: Abir Kr. Mandal, Dipak Yadav)
- 3rd Position: Group I / Total votes = 35 (Contestant: Gopal Agarwal, Aman Sharma)





#### Mall Visit:

Organized by: BBA in Retail Management (2nd Sem) on 24th March 2022

Venue: M BAAZAR (Diamond Harbour).

The Entire visit was conducted by Dr. Sweta Rani (Academic In-charge) and accompanied by Ms. Paramita Dhar Chakraborty. The Faculty Members were accompanied by students during the visit. Students were assigned for various Retail Operation Functions by Dr. Sweta Rani. The visit was based upon specific functions which are mentioned above.

### Workshop:

WHALE TANK 2022: SERIES II

Organized by: Students of BBA - Logistics & SCM under the guidance of Dr. Sweta Rani (Academic In-charge), Dr. Rakesh Kumar Singh, Dean – SHSSM, and Shri. Suhas Mukherjee, VP - Administration and Subject Instructor.

Date: 19th April 2022

The Faculty Members and Course Instructor were accompanied by students during the workshop. The students were assigned various logistics operation functions by the organizers.





#### · A Business Conclave:

Department of BBA in association with the Department of B. Com. organized a Business Conclave, where students showcased their Managerial and Entrepreneurial Skills. In this connection students sold their products like food, handicrafts and set up online and video games, to understand all Retail Operations of the real Market. In this event students learnt how to deal with customers for selling more products and to create a good impression in the minds of the prospective customers through the products as well as service offered. Visual merchandising became a very effective tool to drive footfalls and convert them into sales. It involved presenting the merchandise at its best by using colour synchronization, light coordination, layout and retail operation management.

### Workshop on Digital Media by the students of BBA- Digital Marketing on 10 May, 2022.





### **Faculty Members**

SL No.	Faculty Name	Designation	Specialization		
1.	Dr. Sweta Rani	Assistant Professor			
2.	Dr. Mushtaq Ahmad	Assistant Professor	Retail Management		
3.	Prof. Sougato Majumdar	Visiting Faculty	Retail Management		
4.	Dr. Santanu Roy Choudhary	Assistant Professor			
5.	Dr. Sweta Rani	Assistant Professor			
6.	Mr. Kishor Nag	Visiting Faculty			
7.	Ms. Brinda Das	Visiting Faculty	Digital Marketing		
8.	Dr. Mushtaq Ahmad	Assistant Professor			
9.	Prof. Ranjana	Assistant Professor			
10.	Mr. Suhas Mukharjee	VP, Administration			
11.	Dr. Mushtaq Ahmad	Assistant Professor			
12.	Prof. Sougato Majumdar	Visiting Faculty	Logistics & Supply Chain Management		
13.	Dr. Santanu Roy Choudhary	Assistant Professor			
14.	Prof. Paramita Dhar Chakraborty	Assistant Professor			

### **School of Hospitality and Culinary Art**

### **Programmes**

SL No.	Programme	Duration
1.	B.Sc in Hospitality and Hotel Administration	3 years
2.	B.Sc in Hospitality and Hotel Administration with Swiss Diploma	3 years
3.	B.Sc in Hotel Administration and Culinary Art	3 years

### **Seminars and Conferences**

"Culinary Art Workshop- A Wellness Cuisine"

A virtual session was organised by Chef Andreas Kurfurst, Head Chef and Culinary Instructor, HTMiSwitzerland on 21st January 2022for our Swiss Diploma students about nitty gritty of Swiss hospitality.



### CHEF ANDREAS KURFÜRST

"'Welcome to Swiss Hospitality"-HTMi







### "Culinary Art Workshop- A Wellness Cuisine"

A virtual workshop was organised by SHCA on wellness Cuisine on 15th September 2021. Chef DiwakarBalodi, the Executive Chef of Ananda in the Himalayas, guided the audience about the wellness cuisine and also demonstrated and prepared some of the wellness cuisines.

#### "Academia Industry Connect"

Mr. Saikat Pal, Learning & Development Manager, Novotel Hotel & Residences, Kolkata. SHCA students got a chance to interact with L&D Manager of Novotel Kolkata on 23rd March 2022. They came to know about the Accor group and Accor Take Off Programme. They were also briefed about the attributes needed in an aspiring hotelier.





### **Activities & Events of Hospitality and Culinary Art**

#### i. World Tourism Day 2021

On 27th September, School of Hospitality and Culinary Art celebrated World Tourism Day on MS Teams. Mr. Sagnik Chowdhury, Deputy Director General and Regional Director (Eastern and North Eastern India), Ministry of Tourism, was the Chief Guest and Ms. TiarenlaRutsa, Deputy Director, Nagaland Tourism, was the Guest of Honour. The program showed the theme of world tourism day 2021 i. e tourism for inclusive growth. The students performed cultural programmes like dance, song, flute playing.

#### ii. Cake Mixing Ceremony 2021

SHCA celebrated its inaugural cake mixing ceremony on Dec 18, 2021 to usher in a vibrant and festive Christmas season. The ceremony was attended by the Honourable Vice Chancellor Dr. Biswajit Ghosh, Deans and Directors of TNU, Faculty members and enthusiastic students.





#### iii. Rising Chef Competition

Students of 2nd semester and 4th semester of School of Hospitality and Culinary Art, donned their 'Chef Caps' to exhibit their culinary skills in 'The Rising Chef' competition held on 24th March, 2022. The participants were instructed to prepare a main course and dessert of their choice. Many mouth-watering innovative dishes were prepared by the students such as Crispy Palak Roll, Bread Custard Pudding, Sushi Omelette, Lasagne, Gajar Barfi and many more. It was lovely to see the enthusiasm and participation of the students and the event was a huge success.

#### iv. International Food Festival 2022

The Annual International Food Festival was organised on 6th April 2022 by the students of SHCA where they themselves created the whole décor and food stalls from different countries of globe. Mr. Nisheeth Kumar Srivastava, Principal, IHM Kolkata, was the Chief Guest. Total number of guests was around 150.

### **Faculty Profiles**

SI.No.	Name of Faculty	Designation	Specialization
1.	Mr. Rupam Ghosh	Deputy Director of SHCA	F & B service
2.	Ms. Shabnam Jana	Associate Professor	Rooms Division
3.	Mr. Atin Das	Assistant Professor – Food Production	Food Production
4.	Mr. Subrata Routh	Assistant Professor – Food Production	Food Production
5.	Ms. Upasana	Teaching Associate— Accommodation Operation	Rooms Division
6.	Mr. Sumit Das	Teaching Associate- Food & Beverage Service	F & B service
7.	Mr. Anirban Chatterjie	Assistant Professor- Food & Beverage Service	F & B service
8.	Dr. Paramita Dhar Chakraborty	Hospitality Law	Law
9.	Dr. Santanu Ray Chaudhuri	Tourism Economics	Economics
10.	Dr. Anindita Dutta	Communication in Hospitality 4 theory	English
11.	Mr. Mushtaq Ahmed	Hospitality Accounting	Management studies
12.	Mr. Biswarup Chatterjee	Sales & Customer Relation Management, Sales & marketing	Management studies

### **School of Legal Studies**

### **Programmes**

SI. No.	Programme	Duration
1.	BA LLB (Hons)	5 years
2.	BBA LLB (Hons)	5 years

### **Seminars and Conferences**

Special Lecture on 'Mediation as an alternate career for Legal Professionals'	27 <sup>th</sup> March, 2021	Students of the School of Legal Studies	Online	Speaker: Mr. Gokul Narayan, Chief Operating Officer, Asian School of Cyber Laws, Pune & Head of Training and Development, Centre for Advanced Mediation Practice, Bangalore, India.		
Special Lecture on 'Funding of Start-ups in India: A Legal Approach'	3 <sup>rd</sup> April, 2021	Students of the School of Legal Studies	Online	Speaker: Ms. Tereasa Rini, Partner, LawCept Partners & Senior Associate, Chitale Legal, Mumbai, India		
International Webinar on 'Changing Scenario of IPR during COVID Pandemic'	27 <sup>th</sup> April, 2021	Students of the School of Legal Studies	Online	Speaker 1: Mr. Biswajit Sarkar, Advocate- IP Attorney, India Speaker 2: Mr. Donal O' Connell, MD, Chawton Innovation Services Ltd, United Kingdom		
Special Lecture on "Art of Advocacy and Court Crafts"	8 <sup>th</sup> May, 2021	Students of the School of Legal Studies	Online	Speaker: Adv. Rites Goel, Advocate, High Court, Calcutta and Visiting Faculty, West Bengal National University of Juridical Sciences (WBNUJS).		
Webinar on Career Opportunities & Prospects in Legal Studies	14 <sup>th</sup> August, 2021	Students appeared in Class 12 Board Exam	Online	Speakers: Dr. Rakesh Kumar Singh, Dean of School of Humanities, Social Science and Management, TNU and HOD School of Legal Studies  Ms. Paramita Dhar Chakraborty, Faculty, School of Legal Studies		
Special lecture on "The Art of Moot Court and Mock Trial"	30 <sup>th</sup> October, 2021	The School of Legal Studies, TNU	Online	Special Guest: Mr. Avik Ghatak, Advocate, The Calcutta High Court		

### **Research Publications**

Executive Power to Undo Punishment vis-à-vis Doctrine of Precedent	Paramita Dhar Chakraborty	Indian Journal of Law and Justice	Vol. 12 No. 02; ISSN- 0976-3570	https://ijlj. nbu.ac.in/ journal_ home. aspx		UGC care, HeinOnline
Judiciary: A better statutory armor to combat the evil of Gender Discrimination	Paramita Dhar Chakraborty	International Journal of Research and Analytical Reviews, (IJRAR)	E-ISSN 2348- 1269, P-ISSN 2349-5138			UGC care
Doctrine of Precedent and its Departing Through Curative Jurisdiction in India: An Analysis	Paramita Dhar Chakraborty	Indian Bar Review	ISBN 978-81- 931981- 0-0			UGC Care
Human Resource Issues and Corporate Governance: A Social and Humanitarian Approach	Dr. Rakesh Kumar Singh, Souvik Dhar	CPJ LAW JOURNAL	ISSN: 0976-3562	https:// www. cpj.edu. in/law- journal/	https:// www. cpj.edu. in/wp- content/	UGC Care
Role of Various E-Commerce Entities Under the Consumer Protection Act, 2019 and the Consumer Protection (E-Commerce) Rules, 2020: A Jurisprudential Insight	Dr. Rakesh Kumar Singh, Souvik Dhar	CPJ LAW JOURNAL	ISSN: 0976-3563	https:// www. cpj.edu. in/law- journal/	https:// www. cpj.edu. in/wp- content/	UGC Care
Crime Prevention and Crime Control : An Indian Perspective	Dr. Rakesh Kumar Singh, Souvik Dhar	Jurisprudential insi Fugitive Economic Act: An Effective A for prevention of E offences in I	Offenders Apparatus Economic	978-93- 93702- 10-4	Yes	Thomson Reuters
The Concept of 'Protected Groups' under the Genocide Convention in International Law: An Analysis	Paramita Dhar Chakraborty	Changing Dime International Crin		978-93- 89234- 68-8	Yes	N.B. Publication
LAW RELATING TO IMMORAL TRAFFICKING	Dr. Rakesh Kumar Singh, Souvik Dhar	N.A		978-93- 91088- 23-1	Yes	Vinod Publication
UNDERSTANDING LAW (Useful for Engineering, Management and All Allied Courses)	Dr. Rakesh Kumar Singh, Souvik Dhar	N.A		978-93- 91088- 50-7	Yes	Lexworth, Gogia Publications

LOCAL SELF GOVERNNMENT INCLUDING PANCHAYAT ADMINISTRATION	Dr. Rakesh Kumar Singh, Souvik Dhar	N.A	978-93- 91088- 72-9	Yes	Lexworth, Gogia Publications	
LEGAL METHOD LEGAL LANGUAGE AND LEGAL WRITING	Dr. Rakesh Kumar Singh, Souvik Dhar	N.A	978-93- 91088- 74-3	Yes	Vinod Publication	

### **Research Publications**

### Outreach programme

Legal Awareness Camp	12 <sup>th</sup> April, 2022	Legal Aid Committee of the School of Legal Studies and the Students of DPS, Diamond Harbour	Offline	Venue: DPS, Diamond Harbour, District 24 parganas (South).
Legal Awareness Camp	8 <sup>th</sup> June, 2022	Legal Aid Committee of the School of Legal Studies	Offline	Venue: Paikan Barasta High School, at Gopalpur Gram Panchayat, Barasta Village, Falta, South 24 Pgs, WB.

### **Experiential Learning Programmes (ELP)**

International Refresher Course on Emerging Jurisprudence of Intellectual Property Rights & Policies: Recent Trends and Challenges around the Globe	6 <sup>th</sup> to 18 <sup>th</sup> September, 2021	Faculties of The Neotia University and other Universities.	Online	2 Weeks Refresher Course Organised by the Patent Promotion and IPR Cell, School of Legal Studies (SLS), The Neotia University (TNU)
Constitution Day/ National Law Day	26 <sup>th</sup> November, 2021	Students of the School of Legal Studies and other Departments, TNU	Offline	Special Guest  Advocate Sudip Chakraborty, President, Bar Association, Diamond Harbour Court, District 24 parganas (South).
Human Rights Day	10 <sup>th</sup> December, 2021	Moot Court Society, SOLS and Students of the School of Legal Studies	Online	Moot Court Competition among the students of SOLS





### **Faculty Members**

SI. No.	Faculty Name	Designation	Specialization
1.	Dr Rakesh Kumar Singh	Associate Dean	
2.	Paramita Dhar Chakraborty	Assistant Professor	Law
3.	Souvik Dhar	Assistant Professor	Law
4.	Swati Sharma	Assistant Professor	
5.	Anushree Ghoshal	Visiting Faculty	Operiod Opingopa
6.	Dr Santanu Rai Chaudhuri	Assistant Professor	Social Sciences
7.	Dr Mushtaq Ahmed	Assistant Professor	BBA
8.	Dr Sweta Rani	Assistant Professor	DUA

### **School of Maritime Studies**

### **Programmes**

SI. No.	Programme	Duration
1.	B.Sc in Nautical Science	3 years
2.	B.Tech in in Marine Engineering	(4 years programme)

### **Activities & Events of the School of Maritime Studies**

**GOT AGREEMENT WITH:** 

- i. M/S. DESTAN SHIP MANAGEMENT PVT. LTD.
- ii. M/S. BLUE BIRD SHIPPING MANAGEMENT PVT. LTD.





MRE Control & Simulator Lab.















**BNS Simulator** 



**Mast Climbing** 



**Boat Work** 







**Physical Training** 



**Immersion Suit** 



Stage Drill

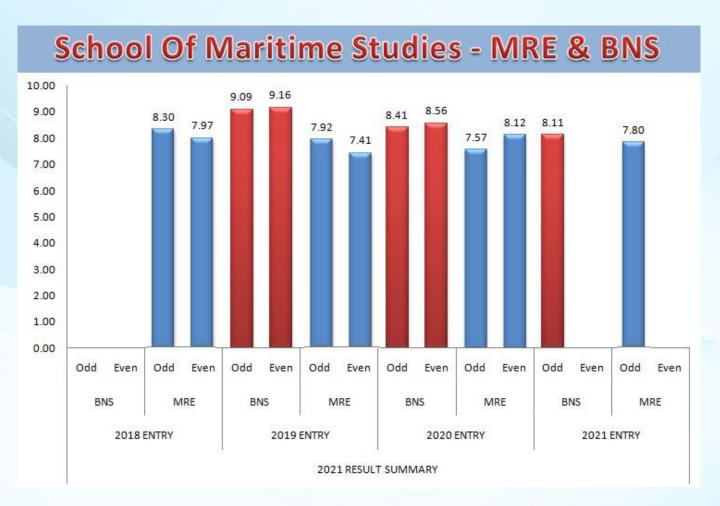
### **Faculty Members**

SL No.	Faculty Name	Designation
1.	Mr. Partha Pratim Saha	Director - SOMS
2.	Mr. Somen Rai	HoD-MRE
3.	Capt Sekhar Chandra Saha	HoD-BNS
4.	Mr. Tamal Mukherjee	Marine Faculty
5.	Mr. Tapan Kumar De	Marine Faculty
6.	Mr. Niladri Pal	Nautical Faculty
7.	Capt. Ranjit Roy	Nautical Faculty
8.	Capt. Subir Kumar Chatterjee	Nautical Faculty
9.	Capt. Shyamal Mandal	Nautical Faculty
10.	Mr. Ratan Kumar Bhattacharya	Marine Faculty
11.	Mr. Subir Basu	Marine Faculty
12.	Mr. Atanu Roy	Marine Faculty
13.	Mr. Sailendra Nath Das	Nautical Faculty
14.	Mr. Sujit Dhar	Marine Electrical Faculty
15.	Mr. Anirban Maity	Marine Electrical Faculty

### **University Faculty/Visiting Faculty**

SL No.	Faculty Name	Designation	
1.	Dr. Biswajit Ghosh	Vice Chancellor	
2.	Dr. Abhijit Samanta	Visiting Faculty	
3.	Dr. Kalyanasish De	Visiting Faculty	
4.	Dr. Anindita Datta	Visiting Faculty	
5.	Mrs. Paramita Das	Visiting Faculty	
6.	Dr. Chandra Mukherjee	Visiting Faculty	
7.	Dr. Manashi Chakraborty	Visiting Faculty	
8.	Mr. Bijay Singha	Visiting Faculty	
9.	Dr. Ayan Chatterjee	Visiting Faculty	
10.	Dr. Mostaid Ahmed	Visiting Faculty	

## 2021 Results of the Mre and BNS Cadets in Bar Chart Format for Odd Semester as Well as Even Semester



### **School of Pharmacy**

### **Programmes**

SI. No.	Programme	Duration
1.	Ph.D. in Pharmacy	3-5 years
2.	Bachelor of Pharmacy (B.Pharm.)	4 years

### **Ongoing Research Activities**

PROJECT I			
Title of project:  Co-delivery of Erlotinib and Curcumin loaded PEGylated Magnet nanostructured lipid carriers for the treatment of lungs cancer: Form and in vitro cytotoxicity studies.			
Sponsoring Agency if any:	TNU		
Academic unit	School of Pharmacy		
Name of PI	Dr. Narahari Narayan Palei, Dr. Arghya Kusum Dhar		
Year in which started:	2022		
Duration in months:	12 Months		
Capital (Estimated in lakhs):	0.55		
Remarks:	Ongoing		

#### **Seminars and Conferences**

- Subhasish Mondal, AICTE Sponsored "Two days National Conference on Industry Institute Interaction and Collaboration for Development of Skills", by College of Pharmaceutical Sciences, Puri, Bidyaniketan, Marine Drive Road, Baliguali, Puri -752004, Odisha, 12th and 13 March 2022
- Saptarshi Samajdar, Three days FDP on "Novel approaches to strengthen the Pharmaceutical Innovation", 16-18th June 2022, Brainware University.
- Saptarshi Samajdar, 10 days Patent course by TurnIP, 17th 26th Feb, 2022
- Saptarshi Samajdar, 8<sup>th</sup> Convention of SFE-India and National Seminar 2021, being organized at CSIR-IICB, Salt Lake Campus, Kolkata, India on December 10, 2021.
- Parag Ghosh, 55th ANNUAL CONFERENCE OF INDIAN HOSPITAL PHARMACISTS' ASSOCIATION& HOSPITAL PHARMACY FOUNDATION, organised by BENGAL SCHOOL OF TECHNOLOGY, 21/06/2021
- Parag Ghosh, Emerging Global Trends in Agricultural, Biological and Pharmaceutical Sciences [ICEGTABPS-2021] by Biology, Agriculture, SciTech and Environment Congress Association BASE], UP [www.basec ongress.com]
- Parag Ghosh, AICTE Sponsored "Two days National Conference on Industry Institute Interaction and Collaboration for Development of Skills", by COLLEGE OF PHARMACEUTICAL SCIENCES, PURI, Bidyaniketan, Marine Drive Road, Baliguali, Puri -752004, Odisha, 12<sup>th</sup> and 13 March 2022)

- Parag Ghosh, Current Scenario and Challenges in Pharmaceutical Sciences and Research, by Brainware University on 28.05.22
- Parag Ghosh An Approach Towards the Development of Human Resources in Life and Allied Sciences, 22/03/2021 27/03/2021 [One week FDP]
- Parag Ghosh Exploration of Nascent Pedagogical Tools for Updating Teachers of Pharmacy Education, 08/03/2021 20/03/2021 [Two-week FDP].
- Parag Ghosh Importance of Innovation and Research Culture to Inculcate Start up and Entrepreneurship, 15/04/2021 27/04/2021 [Two-week FDP]
- Parag Ghosh IPR and Patent Technology in Research and Innovation Organized by Institutions Innovation Council, 17/05/2021 – 21/05/2021 [Five days FDP]
- Parag Ghosh Foregrounding the spectrum of Character building in Modern Human Life., 25/06/2021- 03/07/2021 [Nine days FDP]
- Parag Ghosh Training on Pilot Plant Scale up Techniques, 04/04/2021 10/04/2021 [Seven days Refresher Programme]
- Parag Ghosh Tool and Eyes of Nanotechnology, 18/05/2021 19/05/2021 [Two days' Workshop]
- Parag Ghosh Advances in Pharmaceutical formulations and Regulatory Pathways Globally for Small Molecules, Medical Devices and Biologics., 22/02/2021 – 27/02/2021 [Short Term Training Programme]
- Parag Ghosh Clinical Pharmacy Services-Optimizing Patient Health, 01/05/2021 06/05/2021 [ Short Term Training Programme]
- Parag Ghosh Interplay between Health Wellbeing Environment and Community Pharmacy, 02/06/2021 07/06/2021
   [ Short Term Training Programme]
- Parag Ghosh Recent Advances in Science and Technology Innovations, 18/01/2022 22/01/2022 [Five days FDP]
- Parag Ghosh Patent Course, 19/02/2022 28/02/2022 [Ten days Workshop]
- Parag Ghosh Research Methodology, 02/05/2022 07/05/2022 [One week FDP]
- Arghya Kusum Dhar, AICTE Sponsored e-conference on Advancing drug discovery and development and therapy with research informatics from 18<sup>th</sup> - 29<sup>th</sup> October 2021. Organized by Institute of Pharmacy and Technology, Salipur, Odisha.
- Arghya Kusum Dhar, "Ethnopharmacology for wellness: Tradition to Translation" seminar organized by CSIR-IICB, Salt Lake Campus, Kolkata on 10<sup>th</sup> December 2021.
- Parag Ghosh IPR and Patent Technology in Research and Innovation Organized by Institutions Innovation Council, 17/05/2021 – 21/05/2021 [Five days FDP]
- Arghya Kusum Dhar, AICTE sponsored National Conference on "Industry Institute Interaction and Collaboration for Development of Skills "from 12th to 13th March 2022. Organized by College of Pharmaceutical Sciences, Puri, Odisha
- Arghya Kusum Dhar, AICTE Sponsored Online International Conference on "Drug Discovery in the Next Decade (DDND)" from 25<sup>th</sup> to 26<sup>th</sup> March 2022. Organized by Santhiram college of Pharmacy, Nandyal 518501, Kurnool dist., Andhra Pradesh
- Arghya Kusum Dhar, National Conference on Current scenario and challenges in Pharmaceutical Science and Research from 28th - 29th May, 2022, Organized by Brainware University, Barasat.
- Narahari Narayan Palei, Attended AICTE Sponsored conference on "Translational Research for Nanomedicine" organized by Indore Institute of Pharmacy, Indore on 22<sup>nd</sup> -23<sup>rd</sup> April 2022.
- Narahari Narayan Palei, Attended and Presented a research paper AICTE Sponsored conference on "Drug Discovery in the next decade" organized by Santhiram College of Pharmacy, Andhra Pradesh, on 25th - 26th March 2022.
- Narahari Narayan Palei, Attended a short term course on "Scientific writing and Publication" organized by Lovely Professional University, Punjab, 31<sup>th</sup> Jan 2022 - 5<sup>th</sup> Feb 2022.
- Uttam Prasad Panigrahy, Role of Good Governance and Leadership in Quality Assurance and Enhancement at Institutional Level in Collegiate Higher Education" by Govt Post Graduate College Berinag, Pithoragarh Affiliated to S. S. J. Almora University on 24 25 March, 2022 (2 Days)

- Uttam Prasad Panigrahy, 'Industrial scope for pharmacy' by Department of Pharmacy, Alpine College of Management and Technology, Dehradun, UK on 26 March, 2022.
- Uttam Prasad Panigrahy, "Strengthening Research Ethics Using Plagiarism Tools" by Universitas Gadjah Mada, Jakarta, Indonesia on 30 March, 2022
- Uttam Prasad Panigrahy, "National Intellectual Property Awareness Mission (NIPAM)" by NIPAM Team, Intellectual Property India on 31 March, 2022
- Uttam Prasad Panigrahy, Industrial Approach Pharmaceutical Analytical Techniques (IPAT: 2021-2022)"- Fostering start up and innovation culture-Focus on pharma based startups by AUCoPS, Andhra University, Visakhapatnam 19 March, 2022
- Uttam Prasad Panigrahy, Research methodology and data analysis using MS excel, by Kamraj College, TN on 17-19 March, 2022 (3 Days)
- Uttam Prasad Panigrahy, Recent trends in Instrumentation & Applications of HPTLC in Herbal Drug Discovery by Ishwar Deshmukh Institute of Pharmacy, Digras, Yavatmal on February 25, 2022
- Uttam Prasad Panigrahy, Industry Institute Interaction and Collaboration For Development Of Skills "by College of Pharmaceutical Sciences (Affiliated to Biju Patnaik University of Technology), Puri, on 12<sup>th</sup>-13<sup>th</sup> MARCH 2022
- Uttam Prasad Panigrahy, The New of Clinical Research-Pre and Post CoVID-19" by Department of Pharmacology, Nimra College of Pharmacy, Jupudi, Ibrahimpatnam, Andhra Pradesh, India on 29th January, 2022
- Uttam Prasad Panigrahy, 'Recent Advances in Scienceand Technology Innovations' by Vishnu Institute of Pharmaceutical Education & Research, TS on 18/01/2022 to 22/01/2022
- Uttam Prasad Panigrahy, Artificial Intelligence Application in Pharma Industry by Indian Pharmacy Graduates Association on 23<sup>rd</sup> January, 2022
- Uttam Prasad Panigrahy, Advancement in Pharmacy Education by Techno India University School of Pharmacy, Kolkata on 17/12/2021 to 19/12/2021

#### Research Publications

- Rinez Thapa, Subhasish Mondal, Joakim Riikonen, Jimi Rantanen, Simo Näkki, Tuomo Nissinen, Ale Närvänen, Vesa-Pekka Lehto. Biogenic nanoporous silicon carrier improves the efficacy of buparvaquone against resistant visceral leishmaniasis. PLoS Neglected Tropical Diseases, 2021, 15(6):e0009533.
- Ghosh A, Samajdar S, (2022), In silico molecular docking study of H1N1 neuraminidase inhibitor using phytochemicals obtained from Mangifera indica, World Journal of Pharmaceutical Research, 6, 356-367
- Samajdar S, Samanta MK (2022), Management of diabetes mellitus with traditional ayurvedic herbs: A review, Journal of Advanced Scientific Research (UGC Care List) (Accepted)
- Samajdar. S. (2022), Phytopharmaceutical and Anticancer properties of Nigella sativa Linn Seeds: A Comprehensive review, The Global Journal of Novel Pharma and Paramedical research, 1(1), 1-16
- Samajdar, S., & Kumar, K. J (2022), Structural characterization and emulsifying properties of a water soluble Buchananialanzan gum polysaccharide, Pharmacognosy Magazine(WoS)
- Samajdar S, (2021) Biological source and virtual screening of phytochemicals present in important ayurvedic plant, Sesbaniasesban targeting spike proteins of SARS CoV2 for treatment of COVID 19, International Journal of Pharmaceutical Research, Oct 2021, 13 (4) 17-24
- Ray, A., **Samajdar, S.,** & Kumar, K. J. (2021). Improving delayed-release potential of winged bean starch by acetylation. Carbohydrate Polymer Technologies and Applications, 2, 100118.(WoS, SCOPUS)
- Sukanta Roy, Sangeeta Choudhury, Sourav Das, Parag Ghosh, Anirbandeep Bose, Subhashish Mondal and Tapan Kumar Pal, Toxicological Profiling of Ulipristal Acetate, a Novel Selective Progesterone Receptor Modulator (SPRM) in Swiss Albino Mice, International Journal of Chemical and Life Sciences, Volume 10, Issue 6 (2021)
- Shvetank Bhatt, Jovita Kanoujia, **Arghya Kusum Dhar**, Surendar Arumugam, Amanda K A Silva, Neeraj Mishra. Exosomes: A Novel Therapeutic Paradigm for the Treatment of Depression. Current drug targets. 2021;22(2):183-191.

- Vijayaraj S, **Narahari N Palei,** Murugesan V, Prathap M. Systemic Optimization and Validation of RP-HPLC Method for the Estimation of Ritonavir from Hybrid Polymeric Nanoparticles in Rat Plasma. Current Pharmaceutical Analysis, **2022.** DOI:10.2174/1573412918666220128092959.
- Narahari N. Palei, Navaneetha Krishnan S, Jayaraman R, Hemanth Reddy S, Anna Balaji, Malay K. Samanta, Bibhash c. Mohanta. Green synthesis of silver nanoparticles of Verononea cinerea leaf extract and their in vitro cytotoxicity activity against neuroblastoma SHSY-5Y cell lines, antimicrobial, and antioxidant studies. Recent Patent on Nanotechnology, 2022. DOI: 10.2174/1872210516666220520144453.
- Jayaraman Rajangam, Navaneetha Krishnan S, **Narahari N Palei**, Shvetank Bhatt, Manas Kumar Das. Ameliorative potential of rosuvastatin on doxorubicin-induced cardio toxicity by modulating oxidative damage in rats. Turkish Journal of Pharmaceutical Sciences, **2022**; 19(1): 28-34.
- Sravanthi P, Ramya Krishna PS, **Narahari N Palei**, Sannidhi Nagarjuna. Antihyperlipidemic Activity of Feronia limonia Leaves Extract Against Triton X 100 and High Fat Induced Hyperlipidemic in Rats. Research Journal of Pharmacy and Technology, **2022**; 15 (6): 2407-2412.
- Navaneetha Krishnan Subramanian, VV. Ramesh Chandra, Karthikeyan Elumalai, Narahari N. Palei. Efficacy of gabapentin for low back pain at a tertiary hospital: A prospective observational study. J Acute Disease, 2022; 11(3): 101-106.
- Uttam Prasad Panigrahy, Conference publication at College of Pharmaceutical Sciences (Affiliated to Biju Patnaik University of Technology), Puri sponsored by AICTE on 12th-13th MARCH 2022: Stability indicating method development and validation of Esomeprazole and Ondansetron in bulk and pharmaceutical dosage form by RP-HPLC

### **Book Chapter**

- Ashish Singhai, Bibhash C. Mohanta, Narahari N. Palei, Jyotirmoy Deb. Tinosporacordifolla: Approach of an herb to curb neuroinflammation. National Press Associates, New Delhi, 2022.
- ISBN No: 978-9-39-086300-6

#### **Patent Published**

- B. Durga Prasad, Narahari N. Palei et al., Mucoadhesive Dosage Form For Gastroretentive Drug Delivery. Patent Application Number: 202141058980. 2022, Published.
- Uttam Prasad Panigrahy, **Narahari N. Palei et al**. Method for simultaneous estimation of ciprofloxacin and fluocinolone by RP-HPLC. Patent Application Application Number: 202131058991. **2022**, **Published**.
- Uttam Prasad Panigrahy, Method for simultaneous estimation of Ciprofloxacin and Fluocinolone by Reverse Phase HPLC with patent application number **202131058991** which is published.

### **Faculty Profiles**

SL No.	Faculty Name Designation		Specialization
	Dr. Narahari Narayan Palei	Associate Professor	
_	Dr. Partha Niyogi	Assistant Professor	Dhaymaaaytiaa
1.	Mr. Satadeep Bhattacharyya	Assistant Professor (Adhoc)	Pharmaceutics
	Mr. Soham Mondal	Assistant Professor (Adhoc)	
	Dr. Subhasish Mondal	Associate Professor and In-charge	
2.	Dr. Arghya Kusum Dhar	Dhar Assistant Professor Pharmaceutical Chemis	
	Mr. Parag Ghosh	Assistant Professor (Adhoc)	
	Dr. Uttam Panigrahy	Assistant Professor	Dhawa acutical Analysis
3.	Mr. Somsubhra Ghosh	Associate Professor	Pharmaceutical Analysis
4.	Dr. Saptarshi Samajdar	Assistant Professor (Adhoc)	Pharmacognosy

### **School of Science and Technology**

### **Programmes**

SI. No.	Programme	Duration	
1.	Ph.D In Robotics and Automation	3-5 years	
2.	Ph.D In Physics, Chemistry & Mathematics	3-5 years	
3.	Ph.D In Biotechnology	3-5 years	
4.	M.Tech in CSE (Cyber Security)	2 years	
5.	M.Tech in CSE (Data Science)	2 years	
6.	M.Tech in CSE (AI & ML)	2 years	
7.	M.Sc. in Biotechnology	2 years	
8.	M.Sc. in Applied Physics (Proposed)	2 yrs	
8.	B.Tech In Robotics And Automation	4 years	
9.	B.Tech In Robotics And Automation (Lateral Entry)	3 years	
10.	B.Tech in CSE (Cyber Security)	4 years	
11.	B.Tech in CSE (Cyber Security) (Lateral Entry)	3 years	
12.	B.Tech in CSE (Data Science)	4 years	
13.	B.Tech in CSE (Data Science) (Lateral Entry)	3 years	
14.	B.Tech in CSE (AI & ML)	4 years	
15.	B.Tech in CSE (AI & ML) (Lateral Entry)	3 years	
16.	B.Sc. (Hons.) in Biotechnology	3 years	

### **Research Activity**

### **University Funded Research Project**

SL No.	Name of the Faculty Member	Name of the Academic Unit	Title of the Project	Sanction No.
1.	Dr. Manashi Chakraborty (PI)	Chemistry	Improving multiferroicity with RGO/GO/Graphene based Nanocomposites	R&D/2020/F1
2.	Dr. Prosun Tribedi (PI)	Biotechnology	Leucine, a natural amino acid inhibits the biofilm development of Pseudomonas aeruginosa: a promising approach to manage the biofilm challenge	R&D/2020/F2

3.	Dr. Amit Sarkar (PI)	Biotechnology	Baseline study on prevalence of pathogenic, multi drug resistant Vibrio parahaemolyticus in marine and freshwater fish from Diamond Harbour area and molecular characterization of their virulence genes	R&D/2020/F3
4.	Dr. Ankush Ghosh (PI)	Robotics	To study the feasibility of spintronic devices and its impacts on VLSI/ULSI circuits for the realization of low power and high speed digital systems for medical and space applications.	R&D/2020/F8
5.	Dr. Abhijit Samanta	Chemistry	Evaluation of Biodegradation of Surfactants during Surfactant - Amended Remediation of Contaminated Soil	TNU/R&D/ MP/2021/001
6.	Dr. Ankush Ghosh	Robotics and Automation	RFID in Avian Influenza hazards- A Case Study for Design & Implementation of a RFID based device for Early Bird flu Detection and Cost-Effective Poultry Management	TNU/R&D/ MP/2021/002
7.	Dr. Manashi Chakraborty	Chemistry	Exploring the potential of nanoengineered fertilizers and pesticides for sustainable agricultural applications	TNU/R&D/ MP/2021/006
8.	Dr. Poulomi Chakraborty	Biotechnology	Application of Biotechnology relevant biofilm-forming organisms to soil: A unique and potential approach for the sustainable development of agricultural practice	TNU/R&D/ MP/2021/008
9.	Dr. Prashant Shukla	Biotechnology	Development of suspension culture of Rauwolfia serpentina for secondary metabolite production through elicitation	TNU/R&D/ MP/2021/009
10.	Dr. Sarita Sarkar	Biotechnology	Action of antimicrobial peptide against multidrug resistant bacteria	TNU/R&D/ MP/2021/017
11.	Dr. Prosun Tribedi	Biotechnology	To study the antibiofilm activity of cuminaldehyde against the microbial biofilm of Pseudomonas aeruginosa: A Study of pharmacological importance and relevance	TNU/R&D/ MP/2021/010

### **Externally Funded Research Project**

SL No.	Name of the PI	Name of the Academic Unit	Title of the Project	Sanction No.
1.	Prof. (Dr.) Biswajit Ghosh	Hon'ble Vice Chancellor	Bioenergy and H2 Map	DST/TMD/IC- MAP/2K20/20
2.	Dr. Prosun Tribedi (PI)	Biotechnology	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	YSS/2015/000387
3.	Dr. Manashi Chakraborty	Chemistry	Studies on improving multiferroicity with RGO/GO/Graphene based nanocomposites	CRS/2021- 22/02/492
4.	Dr. Debajyoti De	Physics	Dependence of Exchange Bias on Interparticle Interaction	EMR/2017/001195
5.	Dr. Debajyoti De	Studies on Exchange Bias effect in combination of "core-shell" and "inverted core-shell" structures		CRS/2021- 22/02/503

#### **Seminars and Conferences**

- Online Faculty Development Program (FDP) on "Teaching Practices and Beyond" organized by The Neotia University from 25th to 29th July 2020.
- Webinar on "Trends in Cyber Security" 4th September 2020 organized by The Neotia University.
- Webinar on "Cyber Security for Smart Applications" 16th December 2020 organized by The Neotia University.
- Online faculty development program on "An Approach Towards the Development of Human Resources in Life and Allied Sciences" organized by The Neotia University from 22th to 27th March 2021.
- Orientation program on "Quantum Computing: An Emerging Specialization for Aspiring Physicists and Mathematicians" 17th April 2021 organized by The Neotia University.
- Online Workshop on "Machine Learning Overview with Analytic Data Models using Python and Pandas" 12th June 2021 organized by The Neotia University.
- Online Workshop on "Writing Review of Literature for Research Article" 14th June 2021 organized by My Inner Log.
- Online Workshop on "Cloud Computing and Various Service Utilization of AWS for Project Work" 19th June 2021 organized by The Neotia University.
- Online Hands-on Technical Workshop on "Hands on Workshop on Data Visualization using Python Matplotlib and Seaborn" 31th July 2021 organized by The Neotia University.
- Online Workshop on "Cyber Security and Digital Forensics" 21th August 2021 organized by The Neotia University in technical collaboration with C-DAC (Centre for Development of Advanced Computing), Govt. of India.
- Online International Refresher Course on "Emerging Jurisprudence of Intellectual Property Rights & Policies: Recent Trends and Challenges around the Globe" from 6th to 18th September 2021 by the Patent Promotion and IPR Cell, School of Legal Studies (SLS), The Neotia University.
- Online Faculty Development Program (FDP) on "Cyber Security" Organized by "Graphic Era Deemed to be University" sponsored by "AICTE Training And Learning (ATAL)" from 22.11.21 to 26.11.21.
- Online Faculty Development Program (FDP) on "Application of Cryptographic Tools for Data and Image Security" Organized by "Indian Institute of Information Technology Kalyani" sponsored by "AICTE Training And Learning (ATAL)" from 06.12.21 to 10.12.21.
- Hands-on workshop on "Data Science / IoT/ ML" on 13th May 2022 organized by "The Neotia University" in association with "TCS Academic Innovation Cell" as a part of TCS Interface Programme.
- Successfully completed two weeks online technical workshop on "Digital Forensic" from "ISOEH"
- Successfully completed two weeks online technical workshop on "Ethical Hacking" from "ISOEH"
- Successfully completed training course on "Python Programming" from IIT Kanpur, jointly organized
- by Electronics and ICT Academies during July 26 August 06, 2021 under the "Scheme of financial assistance for setting up of Electronics and ICT Academies" of the "Ministry of Electronics and Information Technology (MeitY), Government of India".
- Image Processing using Matlab, organized by NITTTR, Kolkata from 19/06/2017 to 30/06/2017
- Design and Analysis of Algorithm, organized by NITTTR, Kolkata from 10/07/2017 to 21/07/2017
- 2 weeks FDP and Online technical workshop on "Digital Forensic", Organized by CSE, TNU
- 2 weeks FDP and Online technical workshop on "Ethical Hacking", Organized by CSE, TNU
- Attending 1 Week FDP on Teaching Practice and Beyond, Organized by TNU
- Online International Refresher Course on Emerging Jurisprudence of Intellectual Property Rights & Policies: Recent Trends and Challenges around the Globe from 6th to 18th September 2021 by the Patent Promotion and IPR Cell, School of Legal Studies (SLS), The Neotia University (TNU).

#### **Research Publications**

- Affsan Abbrar, Dr. Pranam Paul; "Development of Application to Recognize Hand Written Digit at run time";
   Accepted and Published in "International Journal of Innovative Research in Computer and Communication
   Engineering (IJIRCCE)"; Impact Factor: 7.194; ISSN No: 2320-9801 (Online), 2320-9798 (Print); Vol. 6, Issue: 11,
   November 2018; pp: 9001 9008
- Arindam Haldar, Pranam Paul; "An Approach of Solutions for a Vulnerable Website through Penetration Testing"; Paper ID: JETIR1812704; Registration ID: JETIR193699; Accepted and Publication in UGC Approved Journal, "International Journal of Emerging Technologies and Innovative Research (JETIR)"; Impact Factor: 5.87; ISSN No. :2349-5162; Volume 5; Issue 12; Published on Dec 2018; pp: 18 29
- Krishnangshuk Paul, Pranam Paul (Corresponding Author); "Liquid Detection"; Accepted and Published "Journal of Engineering Sciences"; ISSN No.: 0377-9254; Scopus Index, UGC Approved (CARE List II); UGC CARE Serial No.: 20446; July 2020, pp 215 223
- Rittika Sur, Rohit Sinha, Pranam Paul (Corresponding Author); "Biometric Decryption Using AES"; Accepted and Published "Journal of Engineering Sciences"; ISSN No.: 0377-9254; Scopus Index, UGC Approved (CARE List II); UGC CARE Serial No.: 20446; July 2020, pp 224 234
- Arshavee Das, SkMd Basharat Mones, Pranam Paul (Corresponding Author); "A Different Approach for Implementation of Scanning QR Code for Security"; Accepted and Published "Journal of Engineering Sciences"; ISSN No.: 0377-9254; Scopus Index, UGC Approved (CARE List II); UGC CARE Serial No.: 20446; July 2020, pp 450 458
- Haldar Bilas, Sinha Rohit; Paul Pranam; "A Comparative Analysis among Key Generation and Evaluation Techniques
  of Cryptography Computational Methods"; Manuscript ID: CSUR-2021-0575; communicated in SCI indexed "ACM Computing Surveys"; ISSN:0360-0300 EISSN:1557-7341 (Awaiting AE Preliminary Decision).
- Haldar Bilas, Sinha Rohit; Paul Pranam; "A Comparative Analysis among Different Computational Cryptography Methods and their Key Generation"; Manuscript ID: IJIS-S-22-00164; communicated in SCI indexed "International Journal of Information Security"; ISSN:1615-5262 EISSN:1615-5270. (Under Review).
- Haldar Bilas, Sinha Rohit; Paul Pranam; "Multi Party Key Distribution in Conjunction with Modified RSA"; Manuscript ID: WSPC-JCSC-D-22-00832; communicated in SCI indexed "Journal of Circuits, Systems, and Computers". ISSN (print): 0218-1266 | ISSN (online): 1793-6454 (Under Review).
- Communicated a paper in a SCI Indexed Journal. Paper details Haldar Bilas, Sinha Rohit; Paul Pranam; "A Comparative Analysis among Key Generation and Evaluation Techniques of Cryptography Computational Methods"; Manuscript ID: CSUR-2021- 0575; communicated in SCI indexed "ACM Computing Surveys"; ISSN:0360-0300 EISSN:1557-7341 (Awaiting AE Preliminary Decision).
- Communicated a paper in a SCI Indexed Journal. Paper details Haldar Bilas, Sinha Rohit; Paul Pranam; "A
  Comparative Analysis among Different Computational Cryptography Methods and their Key Generation"; Manuscript
  ID: IJIS-S-22-00164; communicated in SCI indexed "International Journal of Information Security"; ISSN:1615-5262
  EISSN:1615-5270
- Haldar Bilas, Sinha Rohit; Paul Pranam; "Multi Party Key Distribution in Conjunction with Modified RSA"; Manuscript ID: WSPC-JCSC-D-22-00832; communicated in SCI indexed "Journal of Circuits, Systems, and Computers". ISSN (print): 0218- ISSN (online): 1793-6454 (Under Review).
- Rohit Sinha, Bilas Haldar, Dr. Pranam Paul; "Development of a Concepts to Enhance the Cryptographic Security for Group Communication Through the Distribution of Processed Keys" Paper Id: SFE\_19584; Accepted for publication in "INTERNATIONAL CONFERENCE ON COMPUTER PATTERN RECOGNITION, SECURITY AND CRYPTOGRAPHY (ICCPRSC-22)".
- Shib Sankar Das, Barun Majumder, Ankush Ghosh, "An analytical 2-D model of triple metal double gate graded channel junction less MO SFET with hetero-dielectric gate oxide stack", Solid State Communications, Volume 340, December 2021, 114521.
- Md.Kamaruzzaman, et.al.," Design and Implementation of a Wireless Robot for Image Processing", In book: Handbook of Research on Advanced Mechatronic Systems and Intelligent Robotics, IGI Global, DOI: 10.4018/978-1-7998-0137-5.ch013.
- Md.Kamaruzzaman, et.al.," Integration of Wireless Sensor Network and Robotics", In book: Machine Learning for Robotics Applications, Springer Nature, DOI: 10.1007/978-981-16-0598-7 6.

- Md. Kamaruzzaman, et.al., "Density, Hardness and Wear responses of Aluminium-Copper-Magnesium alloys", Materials Today: Proceedings, DOI: 10.1016/j.matpr.2021.04.318
- Md.Kamaruzzaman, et.al., "A New Energy Efficient Routing Scheme with Normalized Condition Parameters for Wireless Sensor Network," 2022 International Conference on Wireless Communications Signal Processing and Networking (Wisp NET), 2022, pp. 79-83, doi: 10.1109/WiSPNET54241.2022.9767187.
- Sarker RK, Chakraborty P, Sarkar S, Ghosh MM, Tribedi P\* (2021) Bioaugmentation of Enterobacter cloacae AKS7 causes an enhanced degradation of Low Density Polyethylene (LDPE) in soil: a promising approach for the sustainable management of LDPE-waste. Accepted in Archives of Microbiology. (\*Corresponding author) (IF 2.5).
- Das S, Paul P, Chatterjee S, Chakraborty P, Sarker RK, Das A, Maiti D, Tribedi P\* (2021) Piperine exhibits promising antibiofilm activity against Staphylococcus aureus by accumulating reactive oxygen species (ROS). Accepted in Archives of Microbiology. (\*Corresponding author) (IF 2.5)
- Chatterjee S, Paul P, Chakraborty P, Das S, Sarker RK, Sarkar S, Das A, Tribedi P\* (2021) Cuminaldehyde exhibits potential antibiofilm activity against Pseudomonas aeruginosa involving reactive oxygen species (ROS) accumulation: a way forward towards sustainable biofilm management. Accepted in 3 Biotech. (\*Corresponding author) (IF 2.4)
- Majumder D, Debnath R, Nath P, Kumar KL, Debnath M, Tribedi P, Maiti D (2021) Bromelain and Olea europaea (L.) leaf extract mediated alleviation of benzo (a) pyrene induced lung cancer through Nrf2 and NF□B pathway. Environmental Science and Pollution Research 1-21. (IF 4.2)
- Paul P, Chakraborty P, Sarker RK, Chatterjee A, Maiti D, Das A, Mandal S, Bhattacharjee S, Dastidar DG, Tribedi P\* (2021) Tryptophan interferes with the quorum sensing and cell surface hydrophobicity of Staphylococcus aureus: a promising approach to inhibit the biofilm development. 3 Biotech 11(8):1-2 (\*Corresponding author) (IF 2.5)
- Paul P, Das S, Chatterjee S, Shukla A, Chakraborty P, Sarkar S, Maiti D, Das A, Tribedi P\* (2021) 1, 4-Naphthoquinone disintegrates the pre-existing biofilm of Staphylococcus aureus by accumulating reactive oxygen species. Archives of Microbiology 17:1-2. (\*Corresponding author) (IF 2.5)
- Sarker RK, Paul P, Das S, Chatterjee S, Chakraborty P, Tribedi P\* (2021) Exploration of Strategies for the Enhanced Biodegradation of Low-Density Polyethylene (LDPE) by A Soil Bacterium Enterobacter Cloacae AKS7. Journal of Pure and Applied Microbiology (https://doi.org/10.22207/JPAM.15.3.16) (\*Corresponding author) (IF 0.2)
- Paul P, Chakraborty P, Chatterjee A, Sarker RK, Dastidar DG, Kundu T, Sarkar N, Das A, Tribedi P\* (2021)
   1,4-Naphthoquinone accumulates reactive oxygen species in Staphylococcus aureus: a promising approach towards effective management of biofilm threat. Archives of Microbiology 203: 1183-1193. (\*Corresponding author) (IF 2.5)
- Sarkar S, Tribedi P, Bhadra, K (2021). Structure-activity insights of harmine targeting DNA, ROS inducing cytotoxicity with PARP mediated apoptosis against cervical cancer, anti-biofilm formation and in vivo therapeutic study. Journal of Biomolecular Structure and Dynamics: 1-23 (IF 3.5).
- Roy R, Mukherjee G, Gupta AD, Tribedi P\*, Sil AK (2021) Isolation of a soil bacterium for remediation of polyurethane and low-density polyethylene: a promising tool towards sustainable cleanup of the environment. 3 Biotech 11(1):1-4. (\*Corresponding author) (IF 2.5)

### **Faculty Profiles**

SI. No	Name of the Faculty	Designation	Specialization	
1.	Usha Rani Gogoi	Assistant Professor	AI & ML in CSE	
2.	Jaydeb Mondal	Teaching Associate	AI & IVIL III GOL	
3.	Prof (Dr.) Partha Kumar Mukherjee	Professor	Data 0 (1) 4 (1) 005	
4.	Sandipan Chakraborty	Teaching Associate	Data Science in CSE	
5.	Dr. Pranam Paul	Assistant Professor		
6.	Bappaditya Mondal	Assistant Professor	Cyber Security in CSE	
7.	Bilas Halder	Teaching Assistant		
8.	Dr. Prabin Kumar Jha	Assistant Professor	Advanced Robotics	
9.	Md.Kamaruzzaman	Faculty	Intelligent Mechatronics, Robotics System & WSNs	
10.	Debarghya Dutta	Teaching Associate	Active Magnetic Bearing, Renewable Energy	
11.	Ms. Sangeeta Barua	Teaching Assistant	AI & ML	
12.	Dr. Prosun Tribedi	Associate Professor, HOD	Antibiotic, Bioremediation, Microbial ecology	
13.	Dr. Ranojit Kumar Sarker	Teaching Associate	Bioinformatics, Biophysics, Molecular Biology, Plastic Bioremediation, Management of Biofilm threat	
14.	Dr. Diwakar Kumar Singh	Assistant Professor	Microbiology and Molecular biology	
15.	Dr. Poulomi Chakraborty	Assistant Professor	Biofilm biology, microbiology	
16.	Dr. Sarita Sarker	Assistant Professor	Microbiology, biophysics, cancer biology, molecular biology	
17.	Ms. Payel Paul	Teaching Associate	Biofilm biology, microbiology	
18.	Dr. Anirban Dasgupta	Assistant Professor	Environmental Biotechnology Algal Biotechnology Microbial ecology	
19.	Mrs. Sharmistha Das	Teaching Assistant	Microbiology, Management of Biofilm threat	

### **Basic Science Department**

#### **Seminars and Conferences**

- International Sun Day "Sun in the Services of Mankind" held on 3rd May, 2021 organized by Basic Science Unit, School of Sciences & Technology, The Neotia University
- Webinar on "Cosmology & Astronomy: Study of the Universe using Physics and Mathematics" held on 4th September, 2021 organized by Basic Science Unit, School of Sciences & Technology, The Neotia University
- Webinar on "Scope and opportunities of M.Sc. in Applied Physics" held on 6th October, 2021 organized by Basic Science Unit, School of Sciences & Technology, The Neotia University

#### **Activities & Events**

National webinars: "Orientation Programme on Quantum Computing: An Emerging Specialization for aspiring Physicists and Mathematicians" Organized by School of Sciences & Technology, The Neotia University, April, 2021

SI. No	Name of the Faculty	Designation	Specialization
1.	Dr. Chandra Mukherjee	Assistant Professor- Chemistry, HOD (Acting), Basic Science Department	Nanotechnology, environment
2.	Dr. Manashi Chakraborty	Assistant Professor- Chemistry	Synthetic Chemistry
3.	Dr. Abhijit Samanta	Assistant Professor- Chemistry	Rheology, Polymer.
4.	Dr. Kalyanashis De	Assistant Professor- Physics	Condensed Matter Physics
5.	Dr. Mostaid Ahmed	Assistant Professor- Mathematics	Solid Mechanics
6.	Dr. Ayan Chatterjee	Assistant Professor- Mathematics	Groundwater Contamination
7.	Dr. Debajyoti De	Lien - Physics	Condensed Matter Physics
8.	Ms. Suchandra Goswami	Teaching Associate- Physics	Condensed Matter Physics

### School of Vocational Studies & Skill Development

In context with the present scenario the education which is based on occupation and employment and the need of the hour of every country to build the strong system for the development of the youth is known as vocational education. Secondary and higher secondary education are the important terminal stages in the system of general education and always some gap remains that student's come out from the general education system sometimes not able to enhance his/her skill as per the requirement of the job market or industry. Educationists and experts have consistently recommended that education at the age of 10+2 should be given a chance to link the study system with the job market.

The D.C. Kothari commission gave their recommendation in 1968 and based on that the National Policy of Education felt that it should be possible to divert at least 50 percent of the students completing class X to the vocational stream, reducing the pressure on the universities and also preparing the students for gainful employment. The vocational education scheme at the 10+2 stages came into existence in the late 1970's.

One of the primary reasons for the small numbers of students receiving vocational education is the fact that in our country the education policy only focuses largely on grades 11 – 12 and are dropouts in grade -8 and upwards. Moreover, students passing out of grades 11-12 with vocational courses, did not have well defined pathways to continue with their chosen vocations in higher education. The admission criterion, social pressure, economical condition of the parents' does not allow the students of the vocational system to enter into the mainstream of education. This led to the complete lack of vertical mobility for students from the vocational education stream and this has only been addressed in NEP 2020 and this has also been endorsed by national skill qualification framework 2021.

In adherence with the national educational Policy 2020.

#### **Bachelor of Vocational courses**

As per the new education policy, the full-time credit-based skill oriented vocational courses are introduced for the first time by our University, where students have the liberty to study as per his/her requirement or as per the industry demand. To upgrade qualifications/ skill competencies, learners can avail for vertical mobility to second year of Advance Diploma programme after one year Diploma and to third year of B.Voc degree programme after a two year advance diploma (along with NSDC certifications).

The students may further move to Masters and Research degree programmes mapped at NSQF Level 8 –10.

Different professional certification programmes under NSDC utilizing our

existing facilities in various fields of our university, like, Technical, Agriculture, Healthcare, and Hospitality. Main aim of this type of certification is to skill the future generation to make them prepare for job opportunities or self-employability.

### **Accrediting bodies**

MOU has signed with different accrediting bodies like

- 1. NSDC National Skill Development Corporation
- 2. Rubber sector skill council

MOU Signed up with other Sector Skill Councils are in the Pipeline. Viz;

1.	Life Science Sector Skill Council
2.	Health Sector Skill Council
3.	Electronic Sector Skill Council
4.	Agriculture Sector Skill Council

To provide best skill training and create industry ready manpower to fulfill the requirements of modern day industry, The School of Skill Development and Vocational Studies (SSDVS) of The Neotia University is going to launch a few skill courses under dual certification programme by TNU and National Skill Development Corporation (NSDC) in collaboration with leading industries of particular sectors in India.

Courses offered by The NEOTIA UNIVERSITY are as follows:

1.	Automobile Servicing Technology	
2.	Automobile Manufacturing Technology	
3.	Production Technology	
4.	Welding Technology (Diploma)	
5.	Refrigeration & Air conditioning	
6.	Agriculture	
	Healthcare	Phlebotomy
7.		Home Healthcare
/.		Geriatric Care
		Healthcare Management
8.	Hospitality Management	
9.	Rubber Technology	
10.	Computer Hardware & Networking	
11.	Electronic Manufacturing Services	
12.	Electrical Maintenance	

With options to exist after one year, 2 yrs and 3 yrs with Diploma, Advanced Diploma and B.Voc degree respectively.

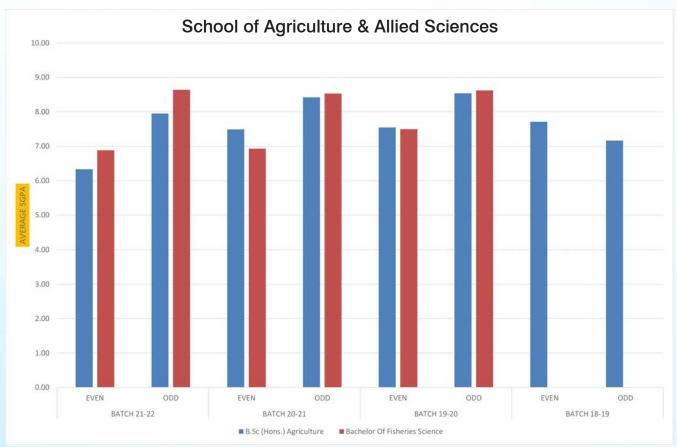


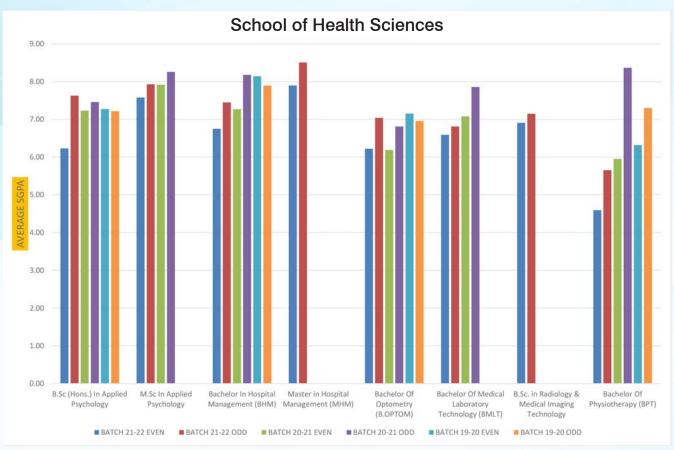


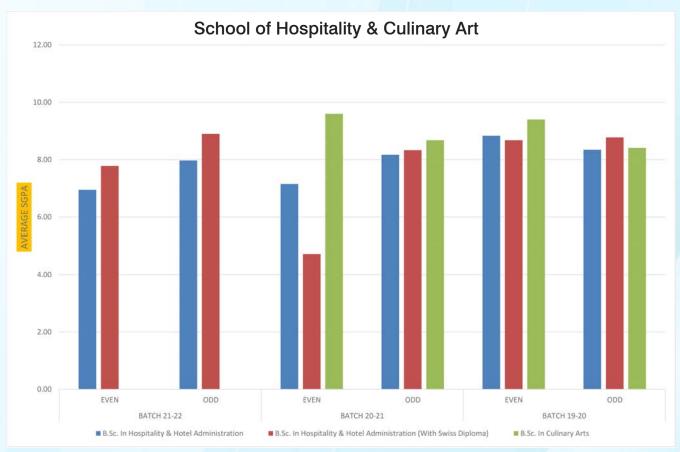


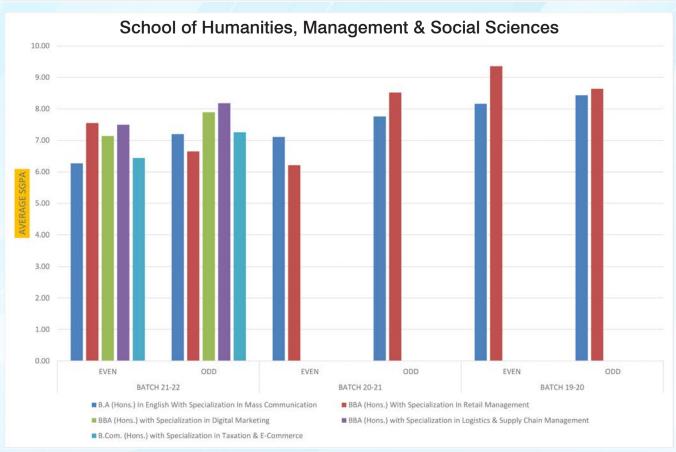
MOU WITH RUBBER SKILL COUNCIL

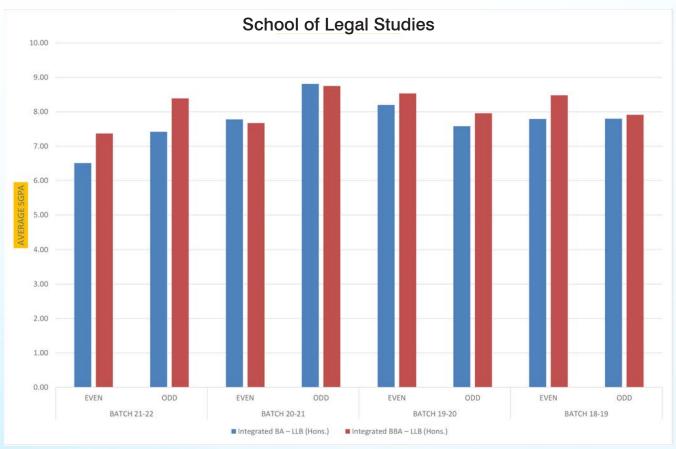
# Trends of Results in University

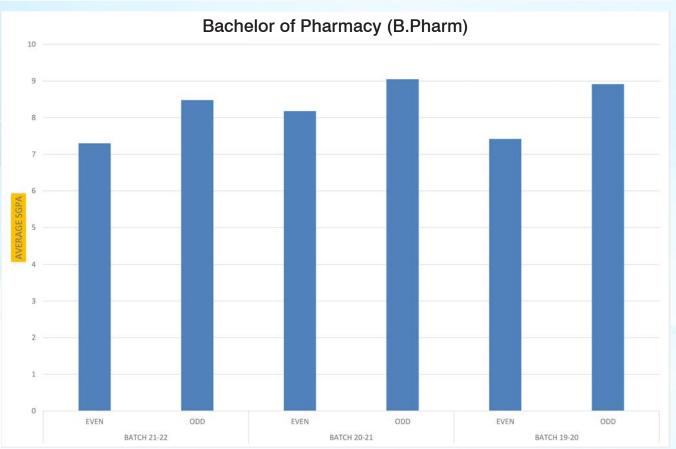


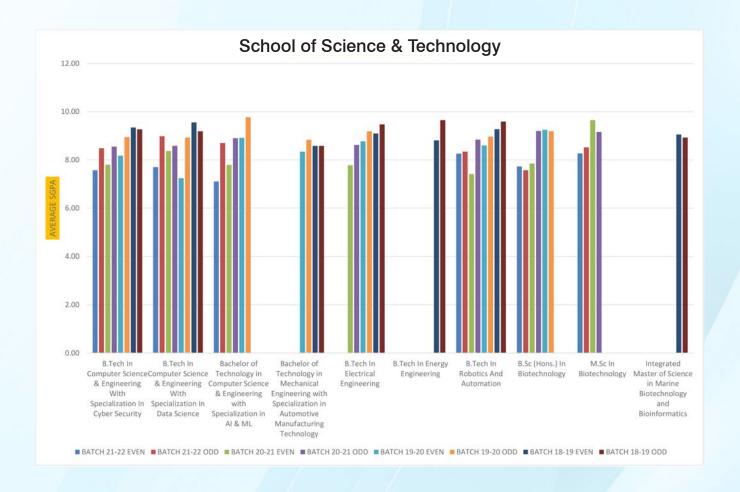












## Scholarship

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 to ensure that no student is left behind.

### Scholarship / Sponsorship Criteria for Students Admission in 2021-22 at TNU / NITMAS

SL. NO.	TYPES OF SCHOLARSHIP	Н	.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 LEVELPARTICIPANT/ CHAMPION	25%
	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%
4		>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%
	MERE APNE SCHOLARSHIP (For Ambuja Neotia Group employees in the memory of Late Vinod Kumar Neotia)		- do -	Yearly Family Income less than 5 Lakhs **	- do -	- do -	50%
5		>= 60%	- 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%
9	Industry Sponsorship (For all B.Tech-Robotics & Automation Students)	>= 60%	N.A.	N.A.	N.A.	N.A.	25%

Note: Scholarship for International Students is Separate.

\*\*Conditions Apply. For more details visit www.tnu.in

## **Placements**

SI.				
No	Name	Stream	Placement	
1	Abhinav Kumar Choudhary	B Tech Cse (Cyber Security)	TCS	
2	Abhisek Das	B.Tech Cse (Data Analytics)	Innolabz	
3	Aniket Bera	MRE	Marinezone Shipping Services Pvt. Ltd. (Gas Tanker)	
4	Anirban Mallick	Hospitality Administration	Own Business	
5	Ankit Kumar Bal	B.Tech Mech.engg (Automobile Manufacturing)	Dhoot Electricals Pvt. Ltd.	
6	Anup Dey	B.Tech CSE (Cyber Security)	Infosys	
7	Aurum Bairagi	Hospitality Administration	Welcome Hotel, Bangalore	
8	Avik Das	B.Tech Mech. Engg (Automobile Manufacturing)	Innolabz, High-Technext Engineering & Telecom Pvt Ltd. Alien Brains	
9	Aviral	B.Tech CSE (Data Analytics)	Innolabz	
10	Avirup Sarker	B.Tech Energy Engineering	Innolabz + Digilabs LLC	
11	Beena Pradhan	BBA	Eden Realty +Zhongcai India Chemical Building Material Ltd.	
12	Biswajoy Singha Roy	MRE	Bluebird	
13	Debanik Roy	B.Tech In Robotics Engineering	Jet Brain Robotics/ePlane Company	
14	Debopam Das	B.Tech In Robotics Engineering	Cloud Calibers Consultancy/TCS	
15	Dewas Roka	Hospitality Administration	Taj Amritsar (On Job Training)	
16	Faiyaz Ahmed	Hospitality Administration	Foreign Intership at Gateway Canyons Colarado, Biryani by Kilo	
17	Hrishikesh Mukherjee	Hospitality Administration	Business Process Unit	
18	Ipsita Naskar	BBA	Arvind Fashions Limited (US Polo)	
19	Ipsita Roy	Hospitality Administration	The Orchid, Pune	
20	Ishan Ghosh	B.Tech CSE (Cyber Security)	Cognizant	
21	Jaasia Tanzeel Jaffrey	BBA	Spacio Interiors	
22	Jishan Ali Molla	B.Tech CSE (Cyber Security)	TCS	
23	Jishan Ali Mondal	B.Tech CSE (Cyber Security)	Cognizant Cyber Exclusive	
24	Jit Halder	BBA	Byju's	
25	Krishnangshuk Paul	B.Tech CSE (Cyber Security)	Cognizant	
26	Krishnendu Neogi	B.Tech CSE (Cyber Security)	Innolabz/TCS	
27	Lavi Dutta	BBA	Eden Realty	
28	Md Abdullah Ashraf Qurashi	MRE	Bluebird	
29	Md. Woshim Akhtar	B.Tech CSE (Cyber Security)	Infosys	
30	Mijba Uddin Molla	B.Tech Energy Engineering	Steel Pro	
31	Mishuk Chakma	MRE	Marinezone Shipping Services Pvt. Ltd. (Gas Tanker)	

SI. No	Name	Stream	Placement
32	Phunshok Sherpa	Hospitality Administration	Own Business - Food chain
33	Pijush Bera	B.Tech Mech.Engg (Automobile Manufacturing)  Intel	
34	Prakash Dey	B.Tech In Robotics Engineering	BPC Pi Innovation Technologies
35	Pratik Gupta	B.Tech CSE (Cyber Security)	Innolabz/Mcafee
36	Pronoy Ghosh	Hospitality Administration	Tech Mahindra + Old Cloud Kitchen
37	Pushpak Chatterjee	Hospitality Administration	Ølterra
38	Rahibul Hossain	Hospitality Administration	Foreign Internship at Marriott Miami, Biscayne Bay
39	Ramkrishna Das	MRE	PS group
40	Ranajit Santra	MRE	Marinezone Shipping Services Pvt. Ltd. (Bulk Carieer)
41	Ravi Raj	Hospitality Administration	Raichak on Ganges
42	Ravindra Kumar	MRE	Bluebird
43	Riddhi Pal	B.Tech CSE (Data Analytics)	Persistent Systems
44	Rishav Dey	MRE	Marinezone Shipping Services Pvt. Ltd. (Bulk Carieer)
45	Rishikesh Kumar Sinha	BBA	Byju's/ Bajaj Alianz
46	Ritmalya Sahu	Hospitality Administration	Hyatt Centric Candolim, Goa
47	Rittika Sur	B.Tech CSE (Cyber Security)	Datacore (Al Labs)
48	Rohan Dey Sarkar	B.Tech In Robotics Engineering	Sony India Software Centre
49	Rohan Thapa	B.Tech Mech. Engg (Automobile Manufacturing)	Ambuja Neotia, High-Technext Engineering & Telecom Pvt. Ltd.
50	Rohit Kumar	MRE	Bluebird
51	Rohit Sinha	B.Tech CSE (Cyber Security)	Cognizant/Unified Infotech/Datacore (Al Labs)
52	Rupam Dey	Hospitality Administration	SBI Customer Service, OJT in Tea Junction. + Teliperformance Global
53	Sagar Mondal	B.Tech CSE (Data Analytics)	Cognizant
54	Sagnik Roy	Hospitality Administration	Shangrilla, Bangaluru
55	Sahil Rai	Hospitality Administration	Foreign Internship property
56	Sampurna Mandal	B.Tech In Robotics Engineering	Self Employed
57	Sancharini Datta	M.sc in Applied Psychology	Cult Fit
58	SANJU MONDAL	B.Tech CSE (Cyber Security)	Wipro
59	Sattwik Manna	BNS	Bluebird
60	SATYAM KUMAR	MRE	Marinezone Shipping Services Pvt. Ltd. (Chemical Tanker)
61	Sayan Majumdar	MRE	Marinezone Shipping Services Pvt. Ltd. (Chemical Tanker)

SI. No	Name	Stream	Placement	
62	Sayan Majumdar	Hospitality Administration	Hyatt Regency kolkata (On Job Training)	
63	Sayantanu Pahari	Hospitality Administration	Hyatt Centric Candolim, Goa/ Obero	
64	Shaik Salman	Hospitality Administration	Reliance Retail, Novotel Kolkata - Hotel & Residences+UBER	
65	Shantanu Mitra	M.Tech. in Automotive Technology	Family Business	
66	Sheik Rohit Rahman	B.Tech CSE (Cyber Security)	Free Lancer (Web and App Development)	
67	Shiksha Thapa	M.sc in Applied Psychology	Nerdy Turtlez	
68	Sk Abeed Hossain	B.Tech CSE (Cyber Security)	TCS	
69	Sk Sabirul Islam	B.Tech CSE (Cyber Security)	Innolabz	
70	Soibaktar Mondal	Hospitality Administration	Tamaraikodi, Tamilnadu	
71	Somashree Dutta	M.sc in Applied Psychology	Ananda Niketan Society for Mental Health Care, Katwa	
72	Soumadeep Paul	Hospitality Administration	Hyatt Regency kolkata (On Job Training)	
73	Suman Dhara	B.Tech CSE (Cyber Security)	Own Business	
74	Sumana Banerjee	BBA	BG Group	
75	Sumeli Dhar	Integrated M.sc in Biotechnology	Accenture	
76	Supreet Roy	B.Tech CSE (Cyber Security)	Phaico	
77	Suprity Poddar	M.sc in Applied Psychology	Nerdy Turtlez	
78	Susit Chakroborty	B.Tech CSE (Cyber Security)	Infosys	
79	Susovan Garai	B.Tech CSE (Cyber Security)	Innolabz/Synopsys India Pvt Ltd	
80	Swagata Chakrabarty	M.sc in Applied Psychology	Apollo Multi Speciality Hospital	
81	Swapnargha Barua	B.Tech Mech.Engg (Automobile Manufacturing)	Ambuja Neotia, MG Motors, Innolabz, Audi	
82	Swastika Banerjee	M.sc in Applied Psychology	Cult Fit	
83	Ujjwal Kumar Sardar	B.Tech CSE (Cyber Security)	Working at India Post	
84	Usang Lama	Hospitality Administration	International Internship	
85	Ushasi Bhattacharya	M.sc in Applied Psychology	Cult Fit/Apollo Glenagles Hospital	
86	Vishal Singh	Hospitality Administration	Entrepreneur	

## **Placements**

SI. No	Name	Stream	Placement
1	Abhijit Chatterjee	Agriculture	BYJUS
2	Abhirup Banerjee	Hospitality	The Park Chennai /The Leela Goa
3	Abhirup Dutta	Hospitality	The Park Chennai
4	Ahan Chatterjee	B.Tech CSE (Data Analytics)	1. Wipro 2.Tech Mahindra 3. Zodhya Technologies Pvt. Ltd.
5	Ajay Kumar Singh	Hospitality	The Park Chennai
6	Anik Sarangi	Agriculture	Nova Agri + Chaitanya Seeds
7	Aniket Keshari	Hospitality	Ramada Plaza, Chennai
8	Ankita Sarkar	Hospitality	Ramada Plaza, Chennai
9	Anupam Dey	Agriculture	Mali Seeds
10	Anway Mandal	Hospitality	The Leela Goa
11	Archan S Panday	Hospitality	Oberoi Sukhvilas, Chandigarh
12	Arghyadeb Ghosh	Agriculture	Action for Social Advancement (ASA) - Tentative
13	Arijit Saha	Agriculture	Selected in Exotic Learning (Nirvoday Pvt. Ltd)
14	Arnab Bhanja	Agriculture	Mali Seeds
15	Arpan Halder	B.Tech CSE (Cyber Security)	British Telecom Trainee
16	Arpan Mondal	Agriculture	Chaitanya Seeds
17	Arpan Sau	Culinary Art	The Park Chennai
18	Arpita De	Hospital Management	CK Birla Gurugram
19	Ashik Hossain Halder	Hospital Management	Rainbow Childern's Hopspital Hydernagar, Hyderabad
20	Avirup saha	Agriculture	Mali Seeds
21	Ayan Jana	Agriculture	Greenway Creation
22	Ayan Kanji	BBA	Ufaber Edutech
23	Ayesha Khatun	Agriculture	Action for Social Advancement (ASA) - Tentative
24	B. Bhagyasree	Agriculture	Action for Social Advancement (ASA) - Tentative
25	Barnali Pramanik	Agriculture	Action for Social Advancement (ASA) - Tentative
26	Barsha Rai	Hospitality	Oberoi Grand, Kolkata, Jumeirah, Dubai
27	Barun Paul	Hospitality	Ramada Plaza Chennai
28	Basir Uddin Mallick	Agriculture	Mali Seeds
29	Bikram Biswas	Hospitality	The Leela Goa
30	Binod Biswakarma	Culinary Art	Novotel Kolkata

SI.	Name	Stream	Placement	
No	Name	Siream	i lacement	
31	Biswajit Manna	Hospitality	Novotel Kolkata	
32	Chandra Kant Pathak	Agriculture	Mali Seeds	
33	Chandramukhi Senapati	MSc-BT	Nivy Remedies	
34	Chewang Golay Tamang	Hospitality	The Park Chennai	
35	Chirantan Das	Agriculture	Chaitanya Seeds	
36	Debabrata Bhattacharyya	Agriculture	Chaitanya Seeds	
37	Debargha Sadhukhan	Hospitality	The Leela Goa	
38	Debopriya Ghosh	Hospitality	Courtyard by Marriott Mahabaleshwar (On Job Training)	
39	Deepika Digal	Agriculture	BYJUS (Joined), 2. Action for Social     Advancement (ASA) - Tentative	
40	Dipannita Dey	Hospitality	1.Oberoi Sukhvilas, Chandigarh	
41	Diptarka Ghosal	Agriculture	PAN SEEDS	
42	Diptesh Ghosh	Hospitality	The Park Chennai	
43	Divyanshu Kumar Piyush	Agriculture	Skillvertex + Hallmark Aquaequipment Pvt. Ltd.	
44	Drishti Mukherjee	Int. Msc-BT	Byju's (BDA)	
45	Gaurav Kumar	Mechanical	High-Technext Engineering & Telecom Pvt. Ltd.	
46	Gonsai Gantait	Hospitality	The Park Chennai	
47	Indrashis Kundu	Hospitality	The Oberoi Udaivillas	
48	Jamil uddin sekh	BBA	Ufaber Edutech	
49	Jinita Dasgupta	Hospitality	OJT, Trident Chennai (On Job Training)	
50	Jotika Biswas	Hospital Management	Rainbow Childern's Hopspital Hydernagar, Hyderabad	
51	Joyita Debnath	BBA	Byjus	
52	Kalpak Ghosh	Hospitality	The Park Chennai /The Leela Goa	
53	Karan Kumar Singh	BBA	Ambuja Realty OJT	
54	Koushik Patra	Hospitality	The Leela Goa	
55	Kuntal Dhenki	Electrical	High-Technext Engineering & Telecom Pvt. Ltd.	
56	Madhurima Maity	Hospital Management	Rainbow Childern's Hopspital Hydernagar, Hyderabad	
57	Manaswita Sengupta	Hospitality	The Park Chennai /The Leela Goa	
58	Manish Pakhira	B.Tech in Robotics Engineering	ISR Space	
59	Md Abdus Samad Zia	Agriculture	PAN Seeds	
60	Moumita Mohanta	Hospitality	Verzeo Edutech pvt ltd. Kolkata	

SI. No	Name	Stream	Placement	
61	Mubassam Mamun Molla	Hospital Management	Rainbow Children Medicare Hyderabad	
62	Nelson Darjee	B Tech CSE (Cyber Security) HCL Technologies		
63	Niladri debnath	Agriculture	Ufaber Edutech + Skillvertex	
64	Nischal Ranjitkar	Hospitality	Trident Chennai (On Job training)	
65	P N Bharat Kumar	B.Tech CSE (Cyber Security)	Rootnik Lab	
66	Palash Halder	BBA	Dhristi IAS, Intellipat	
67	Partha Sarathi Samanta	Agriculture	Liebigs Agro	
68	Parvez Galib Biswas	Hospitality	The Leela Goa	
69	Piu Mandal	Hospital Management	Rainbow Childern's Hopspital Hydernagar, Hyderabad	
70	Piyali Maity	MSc-BT	Nivy Remedies	
71	Poulami Sahu	B.Tech CSE (Cyber Security)	Non Placed	
72	Pramit Shyamal	Hospital Management	Rainbow Childern's Hopspital Hydernagar, Hyderabad	
73	Prantik Das	Hospitality	The Park Bangalore	
74	Prayanshu Saha	Agriculture	PAN Seeds	
75	Pritam Sardar	Hospitality	The Orchid, Pune	
76	Puja Dutta	Agriculture	Action for Social Advancement (ASA) - Tentative	
77	Raj Zamal	B.Tech CSE (Cyber Security)	TCS, Wipro	
78	Rajarshi bhattacharya	Agriculture	Byju's (Academic Specialist), Byju's (BDA)	
79	Rajesh Kayal	Hospitality	The Orchid, Pune	
80	Ratul Shyamal	Hospitality	The Orchid, Pune	
81	Razwanuddin Ahmed	Hospitality	Oberoi Grand, Kolkata / Jumeirah, Dubai	
82	Riha Das	Hospitality	OJT, Trident Chennai (On Job Training)	
83	Rishikesh Dogra	BBA	Dhristi IAS	
84	Romit Bera	BBA	Dhristi IAS	
85	Rounak Ghosh	Agriculture	PAN SEEDS + Chaitanya Seeds	
86	Rounak Ghosh	Agriculture	1. Hallmark Aquaequiment Pvt. Ltd (Joined & Left), 2. Chaitanya Seeds- (Not Joined), 3. PAN Seeds- (Not Joined)	
87	Rupali Shrivastava	B.Tech in Robotics Engineering	Tech Mahindra/Wipro/MindTree/Delloite	
88	Sahil Shaikh	Hospitality	The Orchid, Pune	
89	Saiful Islam Molla	Agriculture	Mali Seeds	
90	Samrat Banerjee	BBA	Byju's/Hirect	

SI. No	Name	Stream	Placement	
91	Samrat Roy	Agriculture	Chaitanya Seeds	
92	Sarup Sk	Hospitality The Orchid, Pune		
93	Saswata Maity	Agriculture	1. BYJUS (Joined), 2. Mali Seeds (Not Joined)	
94	Satabda Nandi	B.Tech CSE (Cyber Security)	Extramarks	
95	Sayan Biswas	Hospitality	Taj Swarna Amritsar	
96	Sayani Konar	Hospitality	Courtyard by Marriott Mahabaleshwar (On Job Training)	
97	Sheniyo Guha	Hospitality	The Park Chennai /The Leela Goa	
98	Shilpa Singha	Hospital Management	Rainbow Childern's Hopspital Hydernagar, Hyderabad	
99	Shruti Sinha	B.Tech CSE (Cyber Security)	Wipro	
100	Shubham Jaiswal	B.Tech CSE (Cyber Security)	Rootnik Lab	
101	Shubham Kumar Agrawal	B.Tech CSE (Cyber Security)	Rootnik Lab	
102	Shubham Kumar Singh	Agriculture	Greenway Creation	
103	Siddharth Darnal	B.Tech CSE (Cyber Security)  Tech Mahindra		
104	Sima Singha	Hospital Management	Rainbow Childern's Hopspital Hydernagar, Hyderabad	
105	Sinam Chelsea	Culinary Art The Classic Hotel, Imphal		
106	Sirshajit Rakshit	Agriculture PAN Seeds		
107	Sk Mariyas	Hospitality The Oberoi Udaivillas		
108	Smarandip Das	Agriculture	Chaitanya Seeds, 2. Action for Social     Advancement (ASA) - Tentative, 3. Mali Seeds     (Not joined)	
109	Smarta Mukherjee	Agriculture	BYJUS	
110	Soham Dey	Int. Msc-BT	Byju's	
111	Soumya Sen	Hospitality	Vivanta Gangtok	
112	Soumyadeep Dutta	Agriculture	1. PAN Seeds, 2. Chaitanya Seeds (Joined)	
113	Souravi Barman	Hospital Management	Rainbow Childern's Hopspital Hydernagar, Hyderabad	
114	Souvik Biswas	B.Tech CSE (Cyber Security)	SYSTOOL,TRTICS	
115	Souvik Naskar	Hospitality	The Orchid, Pune	
116	Souvik Pramanik	Hospitality	The Park, Bangalore	
117	Souvik Roy	B.Tech CSE (Cyber Security)	HCL Technologies-GET Cyber Security (Great Learning)	
118	Srinjana Jana	Hospitality	The Leela Goa	
119	Subhadip Pramanik	B.Tech CSE (Cyber Security)	Rootnik Lab	
120	Subhadip Samanta	B.Tech CSE (Cyber Security)	TCS	

SI. No	Name	Stream	Placement	
121	Subhajit Pal	Hospitality	Courtyard by Marriott, Dehradun	
122	Subham Kumar	Hospitality	The Leela Goa	
123	Subhendu Chowdhury	Agriculture	Nuziveedu seeds	
124	Subhrata Mandal	Hospitality	The Oberoi Udaivillas	
125	Sudipa Samanta	Hospital Management	Manipal Bangalore	
126	Suman Makar	Hospital Management	Rainbow Childern's Hopspital Hydernagar, Hyderabad	
127	Sumanuddin Mandal	Agriculture	Mali Seeds	
128	Sumit Kumar Pal	Energy	Ambey Group	
129	Suranjana Dey	Hospitality	The Leela Goa	
130	Susobhan Kumar Maji	B.Tech CSE (Cyber Security)	Non Placed	
131	Sutanu Mandal	Hospitality	The Leela Goa	
132	Swagatam Roy	B.Tech CSE (Data Analytics)	Tech Mahindra, Knocial India Limited, Capgemini, HCL	
133	Swarupa Rani Mohanty	Hospital Management	Medanta The Medicity	
134	Tania Ganguly	B.Tech CSE (Data Analytics)	Hyperion Technologies Ltd. (KYC Hub),     Byju's (Academic Specialist), 3. Byju's (BDA)	
135	Tanmoy Mondal	Hospitality	The Orchid, Pune	
136	Tapabrata Sant	Hospitality	The Orchid, Pune	
137	Tashi Sherpa	Culinary Art	Novotel Kolkata	
138	Thanggoumang Haokip	Culinary Art	LSG Skychef	
139	Titash Chowdhury	B.Tech in Robotics Engineering	Fractal Analytics, Infosys	
140	Tiyasha Samui	Hospital Management	Apollo International Gandhinagar	
141	Trisha Sinha	B.Tech in Robotics Engineering	1.TCS, Tech Mahindra, IBM, Wipro, Fractal Analytics	
142	Triyangshu Pradhan	BBA	Ufaber Edutech	
143	Vishal Singh	B.Tech CSE (Data Analytics)	1.TCS, 2. E & Y	
144	Vivekta Lama	Hospitality	Oberoi Grand, Kolkata	

## Accommodation Facility

The Neotia University (TNU) is dedicated to revitalising the campus residential experience with a community of diverse and talented scholars residing in a close knit and dynamic learning environment. Students can spend time chatting with their friends, lounging in the common room, playing board games, or studying with friends. There is separate residential accommodation for Boys (1000+) and Girls (550+) students. The University has 3-Boys Hostel and 1-Girls Hostel. More than 40 Faculty members and 50 Technical members reside inside the campus. A team of support staff and a warden in each residential building lend a supportive hand and connect students with the vast network of resources available on Campus. The wardens manage the check in and check out register, respond to emergencies and disciplinary infractions, coordinate with housekeeping and maintenance staff, and take steps necessary to the wellbeing of the students. All entry and exit points and key locations across the campus are monitored 24×7 by a professional security agency with the help of modern communication aids and CCTV cameras.

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. The University has a centrally located dining hall in each hostel that serve a multi-cuisine menu and offers three-nutritious meals and evening snacks each day. We also accommodate special requests based on allergies and dietary restrictions. The Cafeteria is available within the Campus for students to purchase both fresh and packaged food to supplement the taste of students and staff members.



**Director's Quarter** 



Staff's Quarters



**Boy's Hostels** 



Girl's Hostels

# Administrative Officers & Staff Members





**Administrative Office and Staff** 





CEO



**Placement Cell** 



**Registar Office Staff's** 

**Library Staff's** 

## **Cultural Events in University**













## Sport's Event in University











# Recognition/Awards and Laurels

Name of the Faculty	Details of Recognition/Awards & Laurels	Year of Award
Prof.(Dr.) Ananda Kumar Mandal	D.Sc. in Agriculture from Commonwealth Vocational University, Kingdom of Tonga, South Pacific	2022
Dr. Diwakar Kumar Singh	- 11 - 11 - 11 - 11 - 11 - 11 - 11 - 1	
Payel Paul	In March 2022, I participated in the XXXIInd Annual Conference at Berhampore organized by The Physiological Society Of India and won the Best Oral Presentation Medal	2022
Poulomi Chakraborty	TNU Minor grant. Title of the Project: Application of Biotechnology relevant biofilm-forming organisms to soil: A unique and potential approach for the sustainable development of agricultural practice	2022
Aliya Halim	<ul> <li>(i) Maulana Azad National Fellowship (MANF) by UGC</li> <li>(ii) 1st class 1st (GOLD MEDALIST) in B. Ed,         University of Calcutta</li> <li>(iii) 1st class 1st (GOLD MEDALIST)in M.A Linguistics,         University of Calcutta</li> </ul>	(I) MANF in 2012 (II) B.Ed in 2008 (III) M.A. Linguistics in 2004







### **Publications**

#### **Publication in Referred Journals:**

- Goswami S, Chakraborty M, De D (2022) Electro-Magnetic switching in NiO-Graphene film. IOP Conf. Ser.: Mater. Sci. Eng. 1225 012051
- Samanta A, Bio-clogging and Microbial Enhanced Oil Recovery (MEOR) (2022) Microbes and Microbial Biotechnology for Green Remediation. Elsevier (In Press)
- Sarker RK, Chakraborty P, Sarkar S, Mitra Ghosh M, Tribedi P (2022) Bioaugmentation of Enterobacter cloacae AKS7 causes an enhanced degradation of low-density polyethylene (LDPE) in soil: a promising approach for the sustainable management of LDPE waste. Archives of Microbiology 204(74)
- Goswamia S, Banerjee A, Chakrabortya M, De D (2022) Synthesis and characterization of Ni grafted RGO-A nanocomposite with tunable magnetic properties, Solid State Commun. 342 (114602).
- Mondal B, Mitra G (2022) Gene Mining for Management of Psychological and Neurodevelopmental Disorders-A Review. Asian. J. Biol. Life Sc.; 11(1). doi. 10.5530/ajbls2020.9xx.
- Das S, Paul P, Chatterjee S, Chakraborty P, Sarker RK, Das A, Maiti D, Tribedi P (2022) Piperine exhibits promising antibiofilm activity against Staphylococcus aureus by accumulating reactive oxygen species (ROS). Archives of Microbiology 204(59).
- Biswas S, Sen D & Mukherjee M (2022) PANDIT: An Al Twin-Based Radiography Image-Assisted nCOVID-19 Identification and Isolation Part of the Lecture Notes in Springer Electrical Engineering book series (LNEE, volume 825) 293–301
- Majumder D, Sarkar C, Debnath R, Tribedi P, Maiti D (2022) Mechanistic insight into the synergism of IL-27 and IL-28B in regulation of benzo (a) pyrene-induced lung carcinogenesis associated ROS/NF
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#### **Publication in Referred Journals:**

- S. Goswami, P. Gupta, S. Bedanta, M. Chakraborty, D. De (2021) Coexistence of exchange bias and memory effect in nanocrystalline CoCr2O4. Journal of Alloys and Compounds 890(161916): 1-12.
- Ghosh B (2021) Impact of Nano-FeS2 Layer on the Stability Performance of CdS-Cu2O PV Cells: A Study. Journal of Basic & Applied Sciences, 17:000-000.
- Sarkar S, Tribedi P, Bhadra, K (2021). Structure-activity insights of harmine targeting DNA, ROS inducing cytotoxicity
  with PARP mediated apoptosis against cervical cancer, anti-biofilm formation and in vivo therapeutic study. Journal of
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- Majumder D, Debnath R, Nath P, Kumar KL, Debnath M, Tribedi P, Maiti D (2021) Bromelain and Olea europaea (L.) leaf extract mediated alleviation of benzo (a) pyrene induced lung cancer through Nrf2 and NF
   B pathway. Environmental Science and Pollution Research, 1-21
- Banerjee T, Samanta A. (2021) Chemical Computational Approaches for Optimization of Effective Surfactants in Enhanced Oil Recovery. Accepted in Physical Sciences Reviews. https://doi.org/10.1515/psr-2020-0098
- Samanta A, Banerjee T (2021) 7 Chemical Computational Approaches for Optimization of Effective Surfactants in Enhanced Oil Recovery. Theoretical and Computational Chemistry Aspects. 3: https://doi.org/10. 1515/9783110739763-007
- Bera S, Banerjee T, Samanta A. (2021) Evaluation of Enzymatic Delignification of Rice Straw Residues for Bioethanol Production. Accepted in International Journal of Renewable Energy Technology (in press).
- Paul P, Das S, Chatterjee S, Shukla A, Chakraborty P, Sarkar S, ... & Tribedi P (2021) 1, 4-Naphthoquinone disintegrates
  the pre-existing biofilm of Staphylococcus aureus by accumulating reactive oxygen species. Archives of Microbiology,
  1-12.
- Paul P, Das S, Chatterjee S, Shukla A, Chakraborty P, Sarkar S, ... & Tribedi P (2021) 1, 4-Naphthoquinone disintegrates the pre-existing biofilm of Staphylococcus aureus by accumulating reactive oxygen species. Archives of Microbiology, 1-12.

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- Sarker RK, Paul P, Das S, Chatterjee S, Chakraborty P, Tribedi P (2021) Exploration of Strategies for the Enhanced Biodegradation of Low-Density Polyethylene (Ldpe) by A Soil Bacterium Enterobacter Cloacae Aks7. J Pure Appl Microbiol 15 (3), 1266-1278.
- Chatterjee S, Paul P, Chakraborty P, Das S, Sarker RK, Sarkar S, Das A, Prosun Tribedi P (2021) Cuminaldehyde exhibits potential antibiofilm activity against Pseudomonas aeruginosa involving reactive oxygen species (ROS) accumulation: a way forward towards sustainable biofilm management. 3 Biotech 11(485).
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- Bandopadhay A, Sarkar N (2021) Barrier nursing- an effective tool to deal with infectious diseases: Review of Nipah Virus outbreak in India. Journal of Nursing Research, Education and Management (e-ISSN: 2582-001X), MAT Journals 3 (1)
- Singh DK, Tiwari S, Kripalata K, Srivastava KK (2021) Protein kinase J regulates Rv0642c expression and sensitivity to rifampicin of mycobacteria. 1-12, doi: https://doi.org/10.1101/2021.06.13.448225
- Biswas S, Sen D, Bhatia D, Phukan P and Mukherjee M (2021) Chest X-Ray image and pathological data based artificial intelligence enabled dual diagnostic method for multi-stage classification of COVID19 patients, AIMS Biophysics, 8(4): 346–371. DOI: 10.3934/biophy.2021028
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- Biswas S, Chakraborty C, Chawla R, Paul D, Sen D, Sarkar N and Mukherjee M (2021) A Pragmatic Approach for Detecting nCOVID-19 using Pervasive Computing Based on Dual Diagnostic Measures. International Journal of Statistics in Medical Research, 10:183-193.
- Dutta S,Jana TK,Maiti R,De K,Chatterjee K (2021) ☐-Fe2O3 Nanoparticles Embedded in a g-C3N4 Nanocomposite:
   Optical, Magnetic and Electrochemical Study. ChemistrySelect 6(42):11759-11767
- Biswas S, Sen D & Mukherjee M (2021) In-Silico Studies of Alzheimer's Disease Affected Brain Using a Novel Terahertz Thermography Technique, Part of the Lecture Notes in Springer, Bioengineering book series (LNBE) 311–318
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- Halim A (2021) Importance of Digital Technology in English Language Learning. Journal of Linguistics & English Language Teaching. 1(1) ISSN: 2582-8959
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   MOSFET with hetero-dielectric gate oxide stack. Solid State Communications, 340, 114521
- Mondal B (2021) Biomarker discovery a challenge to the early diagnosis of Psychological disorders. Res. J. Biotechnol. 16(2): 231-236
- Das SS, Majumder B, Ghosh A (2021) An analytical 2-D model of triple metal double gate graded channel junctionless MOSFET with hetero-dielectric gate oxide stack. Solid State Communications, 340, 114521
- Mondal B (2021) Biomarker discovery a challenge to the early diagnosis of Psychological disorders. Res. J. Biotechnol. 16(2): 231-236

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- Mondal B (2021) Conversion of metabolomic data to genomic marker for genetic characterization of Piper betel chemotypes- A review. Agric. Rev. 2021. doi. 10.18805/ag. R-2118
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#### **Chapter Contributions in Book:**

- Samanta A (2021) Biosurfactants and Its Application in Oil Recovery. In book: Upstream E&P. Petroleum Engineering. Springer, Cham, pp. 181-205 (Print ISBN 978-3-030-70025-6; Online ISBN 978-3-030-70026-3)
- Banerjee T and Samanta A (2021) Metal oxides for cosmetics, sunscreens. In book: Metal-oxides for Biomedical and Biosensor Applications. Elsevier (ISBN: 978-0-128-23033-6)
- Biswas S, Prasad A, Sen D, Bhatia D, Mukherjee M (2021) Comparative Study on Predictive Mathematical Models for Risk Assessment of nCOVID-19 Pandemic in India, In book: Advances in Medical Physics and Healthcare Engineering, 393-404, DOI:10.1007/978-981-33-6915-3 39

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- Chakraborty P, Dave R, Paul P, Dutta S, Sarkar S, Tribedi P (2020) Exploration of strategies to increase the nitrogen and phosphate content of solid waste landfill soil. Environ Monit Assess 192 (4): 1-3.
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- Banerjee T, Samanta A, Mandal A (2020) Mathematical regression models for rheological behavior of interaction between polymer-surfactant binary mixtures and electrolytes. Journal of Dispersion Science and Technology. 1-13
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- Goswami S, Manna PK, Bedanta S, Dey SK, Chakraborty M, De D (2020) Surface driven exchange bias in nanocrystalline CoCr2O4. J. Phys. D: Appl. Phys. 53 305303
- Goswami S, Chakraborty M, De D (2020) Effect of Dilution of Volume fraction on Exchange Bias Effect in Ni-NiO Core-Shell Nanostructure. AIP Conf Proc 2265 (1): 030579.
- Sarker RK, Chakraborty P, Paul P, Chatterjee A, Tribedi P (2020) Degradation of low density poly ethylene (LDPE) by Enterobacter cloacae AKS7: a potential step towards sustainable environmental remediation. Archives Microbiol 202 (8):2117-2125.
- Paul P, Chakraborty P, Chatterjee A, Sarker RK, Dastidar DG, Kundu T, Sarkar N, Das A, Tribedi P (2020) 1,
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- Chakraborty P, Paul P, Kumari M, Bhattacharjee S, Singh M, Maiti D, Dastidar DG, Akhter Y, Kundu T, Das A, Tribedi P (2020) Attenuation of Pseudomonas aeruginosa biofilm by thymoquinone: an individual and combinatorial study with tetrazine capped silver nanoparticles and tryptophan. Folia Microbiol. 66(2), 255-271.
- Roy R, Mukherjee G, Das Gupta A, Tribedi P, Sil AK (2020) Isolation of a soil bacterium for remediation of polyurethane and low-density polyethylene: a promising tool towards sustainable cleanup of the environment. 3 Biotech. 11(1), 1-14.
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- Kumar R, Chatterjee A, Singh MK, Singh VP (2020). Mathematical modelling to establish the influence of pesticides on groundwater contamination. Arab J of Geosci 13(14):1-10.
- Shaw RN, Walde P, Ghosh A (2020) Review and analysis of photovoltaic arrays with different configuration system in partial shadowing condition. Int J Adv Sci Technol 29(9s): 2945-2956.
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- Pal A, De K, Maiti R, Manna SC, Chatterjee K (2020) Electro-catalytic hydrogen evolution and magnetic behavior of N-doped-rGO supported NixPy. SN Applied Sciences, 2(993).
- Shaw RN, Walde P, Ghosh A (2020) Enhancement of Power and Performance of 9x4 PV Arrays by a novel arrangement with shade dispersion. Test Engineering and Management. 82: 13136-13146.
- Mondal B (2020) Application of Molecular Marker in effective management of Mandarin Orange Orchards of West Bengal. Res. J. Agric. Sci;12(1): 126-130
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- Samanta A (2020) The Experience of Online Teaching of Chemistry during the COVID-19 Pandemic. In book: Redefining Teaching Learning in the Times of Social Distance, Publisher: National Press Associates, New Delhi, pp. 1-9. (ISBN: 978-81-947590-7-2).
- Samanta A (2020) Bioenergy Potentials of Lignocellulosics for Sustainable Development. In book: Environmental Ethics & Sustainable Development, Publisher: VL Media Solutions, New Delhi, India, pp. 108-121 (ISBN: 978-93-879169-4-4).
- Bhattacharyya C, Roy R, Tribedi P, Ghosh A, Ghosh A (2020) Biofertilizers as substitute to commercial agrochemicals. In Agrochemicals detection, treatment and remediation (pp. 263-290). Butterworth-Heinemann.

#### **Publication in Referred Journals:**

- Chakraborty P, Tribedi P (2019) Functional diversity performs a key role in the isolation of nitrogen-fixing and phosphate-solubilizing bacteria from soil. Folia Microbiol 64(3): 461-470.
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- Jana TK, Jana, SK, Kumar A, De K, Maiti R, Mandal AK, Chatterjee T, Chatterjee BK, Chakraborti P, Chatterjee K
   (2019) The antibacterial and anticancer properties of zinc oxide coated iron oxide nanotextured composites. Colloids Surfaces B 177:512-519.

- Chakraborty P, Dastidar DG, Paul P, Dutta S, Basu D, Sharma SR, Basu S, Sarker RK, Sen A, Sarkar A, Tribedi P (2019) Inhibition of biofilm formation of Pseudomonas aeruginosa by caffeine: a potential approach for sustainable management of biofilm. Archives Microbiol 27:1-3.
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- Ghosh B, Panigrahi K C, Samanta S (2019) Externalities of clean energy technologies: A study. IOP Conf. Series: Journal of Physics: Conf. Series 1253, 012027.
- Rajesh P V, Das A, Ghosh B, Das D (2019) 57Fe Mössbauer and XRD studies on ☐-FeSi2 prepared by high energy mechanical attrition Mater. Res. Express 6:085901.
- Shaw RN, Walde P, Ghosh A (2019) Effects of solar irradiance on load sharing of integrated photovoltaic system with IEEE standard bus network, Int. J. Eng. Adv. Technol, 9(1):424-429
- Shaw RN, Walde P, Ghosh A (2019) A new model to enhance the power and performances of 4x4 PV arrays with puzzle shade dispersion. Int. J. Innov. Technol. Explor. Eng. 8(12), ISSN: 2278-3075

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- Das, S, Roychowdhury P, De S, Roy A, Chatterjee S, and De K (2018) Magnetic and electrical transport of the cation-deficient LaMnO3: Common origin for both Sr-doping and self-doping effects. Physica B: Condensed Matter 544: 17-22.
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- Gupta S, Kundu S, Pati P, Ahmed M (2018) Torsional waves in fluid saturated porous layer clamped between two anisotropic media. Geomech Eng 15(1): 645-657.
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• Goswami M, Bhattacharyya P, Tribedi P (2017) Addition of Rubber to soil damages the functional diversity of soil. 3 Biotech 7(3): 1-7.

## TNU (2021-2022) in Pictures





**University Faculty** 





**School of Agriculture & Allied Science** 





**School of Health Science** 



THE NEOTIA UNIVER TY

School of Legal Studies School of Humanities Management and Social Science School of Hospital Management and Culinary Art

**School of Maritime Studies** 



**School of Pharmacy** 



**School of Skill Education & Vocational Studies** 





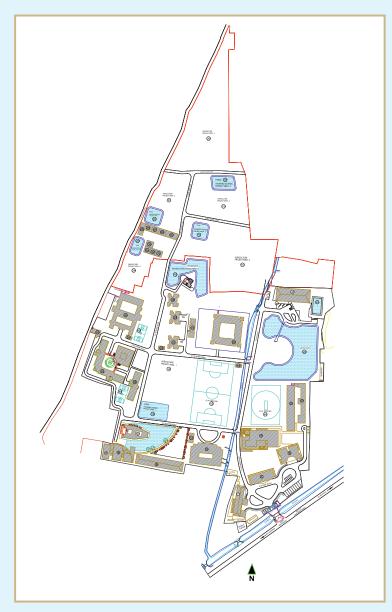
**School of Science & Technology** 

## **Advisory Board**

SI. No.	Name	Designation	Position
1	Mr. Harshavardhan Neotia	Chancellor	Chief Patron
2	Mr. Pradip Jyoti Agrawal	Pro Chancellor	Advisory Board
3	Prof. (Dr.) Biswajit Ghosh	Vice Chancellor	Advisory Board
4	Dr. Manish Jha	Registrar	Advisory Board
5	Prof.(Dr.) Sushil Kumar Kothari	Dean, School of Agriculture & Allied Sciences	Advisory Board
6	Prof.(Dr.) Niloy Sarkar	Dean Academic	Advisory Board
7	Dr. Rakesh Kumar Singh	Associate Dean, School of Humanities and Social Sciences	Advisory Board
8	Prof. Rupam Ghosh	Associate Dean, School of Hospitality & Culinary Arts	Advisory Board
9	Prof. Partha Patim Saha	Director, School of Maritime Studies	Advisory Board
10	Dr. Shubhasish Mondal	In charge-School of Pharmacy	Advisory Board
11	Prof.(Dr.) Partha Kumar Mukherjee	Dean (off), School of Science and Technology	Advisory Board
12	Dr. Soumen Mukherjee	Associate Dean, School of Vocational Studies & Skill Education	Advisory Board

### **Editorial Board**

SI. No.	Name	Designation	Position
1	Dr. Sweta Rani	Assistant Prof, Academic In- charge, Management	Editor
3	Dr. Atreya Banerjee	Assistant Professor	Member
4	Dr. Debobani Biswas	Assistant Professor	Member
5	Prof. Aliya Halim	Assistant Professor	Member
6	Ms. Sana Mumtaz	Faculty	Member
7	Mr. Samik Samanta	Assistant Registrar	Member
8	Mr. Prabir Pramanik	Secretary to Vice Chancellor	Member
9	Mr. Saikat Raut	Team - Digital Marketing	Member



#### **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. FLECTRICAL 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



**Ambuja**Neotìa



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

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