

Mandatory Disclosure

10.1	Name of the Institution	Techno International New Town
	Address of the Institution	Block DG 1/1, Action Area 1 New Town
	City & Pin Code	Kolkata- 700 156
	State/UT	West Bengal
	Phone number with STD Code	033 2324-2050
	Email	info@tint.edu.in
	Website	https://tint.edu.in

10.2	Name and address of the Trust/ Society/ Company and the Trustees	The Institute of Computer Engineers (India)
	Type of the Organisation	Society, Registration No.-S/49037
	Address of the Organisation	12 th Floor, Chatterjee International Building,33A, Chowringhee Road, Kolkata-71
	Registered with	West Bengal Societies Registration Act,1967
	Registration Date	11.07.1985
	Website	www.technoindiagroup.in

10.3	Name and Address of the Vice Chancellor/ Principal/Director	Prof.(Dr.) Ayan Chakraborty
	Address	106/E/13, Maharaja Nanda Kumar Road(South), Baranagar, Kolkata: 700036
	Mobile	9903479560
	Phone number with STD Code	033-23242050/91
	Email	principal@tint.edu.in

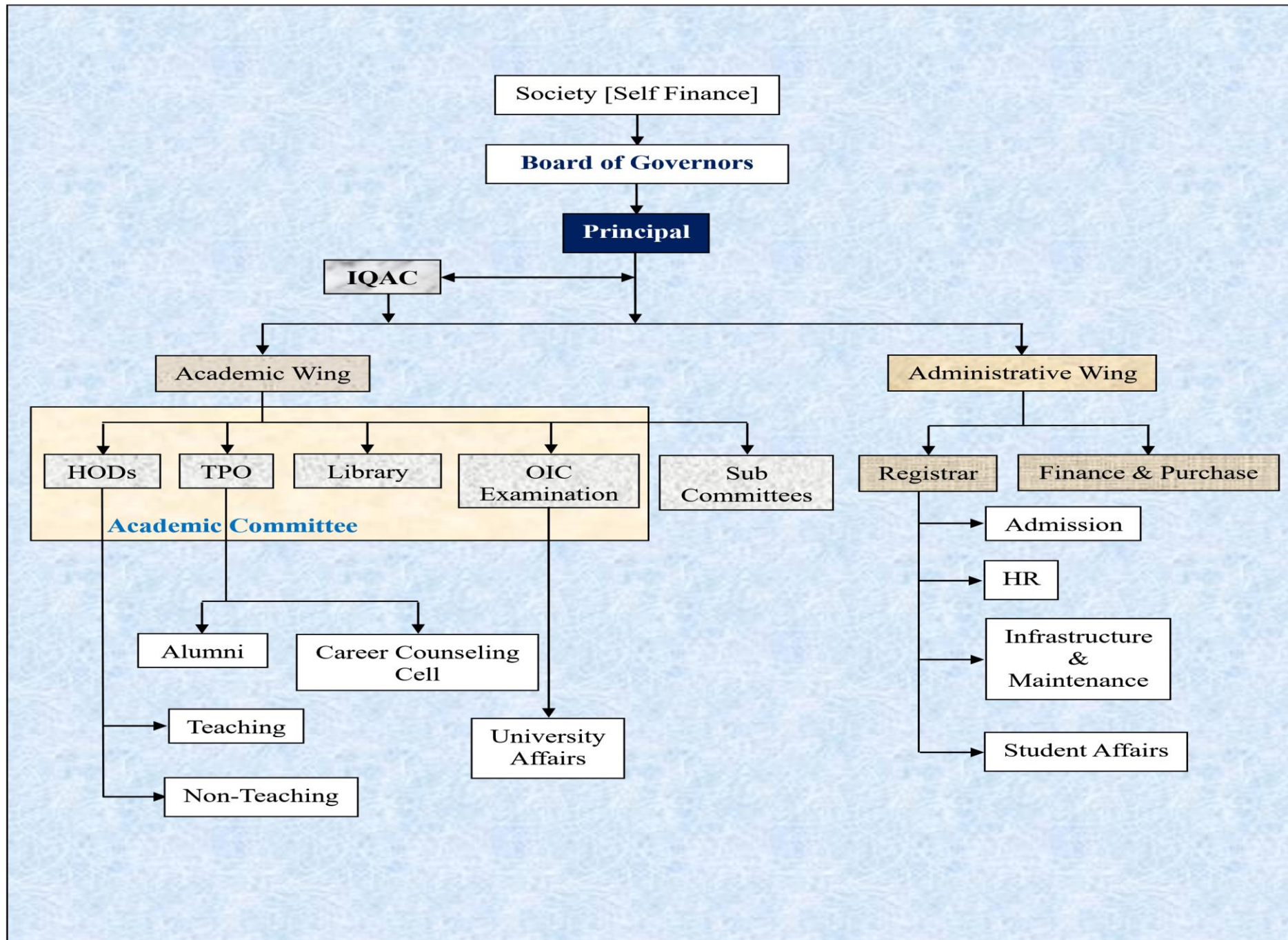
10.4	Name of the affiliating University	Maulana Abul Kalam Azad University of Technology, West Bengal
	Address	BF Block, Sector 1, Bidhannagar, Kolkata, West Bengal 700064
	Phone:	(033) 2321 0731 / 1327.

10.5 Governance:

Members of the Board and their brief background			
SL NO	Name of the Members	Designation by profession	Position in BOG
1	Dr. Ashok Thakur, Eminent Educationist	Chairman	Nominee of the Society
2	Mr. G.Roychowdhury or his nominee	Chairman of the Society	Nominee of the Society
3	Mrs. M. Roychowdhury or his nominee	Member	Nominee of the Society
4	Mr. S. Roychowdhury or his nominee	Member	Nominee of the Society
5	Mr. T. K. Ghosh or his nominee	Member	Nominee of the Society
6	Dr. Sanku Bose	Member	Academician & Industrialist
7	DTE	Member	Ex-Officio
8	Nominee of AICTE	Member	Regional Officer : Ex-Officio
9	Dr. Phani Kanta Mishra, MAKAUT Representative	Member	Representative from MAKAUT
10	Mr. A.K.Roy	Member	Nominee of the Society
11	Mr. A.K.Ghosh	Member	Nominee of the Society
12	Mr. Anit Adhikari	Member	Nominee of the Society
13	Dr.A.Ray	Member	Nominee of the Society
14	Professor Nominated by the Inst (Prof. (Dr.) Milan Basu)	Member	Professor/Faculty/Representative

15	Associate Professor Nominated by the Inst (Dr. Swagata paul)	Member	Associate Professor/Faculty/Representative
16	Prof.(Dr.) Ayan Chakraborty,Principalin-charge	Member -Secretary	Nominee of the Society

Organogram – TINT



Organization Structure & Process

Techno International Newtown (TINT) employs a decentralized administration structure to ensure efficient administration and academic operations, aiming to achieve its vision.

a) Board of Governor: The Governing Body, the highest decision-making body, defines the college's role, vision, mission, sets strategic directions, formulates policy, monitors activities, enforces rules, fills posts, and considers promotions.

b) Head of the Institute: The Head of the Institute is the college's academic and administrative head, communicating the institution's vision, mission, objectives, policies. He should oversee teaching, research, publication, and committee activities for faculty and student interests.

c) IQAC: IQAC which works towards realization of the goals of quality enhancement and sustenance. The IQAC plays an important role for monitoring the internal quality of the institution.

d) Registrar: The Registrar is the administrative head of the institution and he is the authority to keep all sorts of records in his custody.

e) Head of the Departments: The Head of Departments, under the Head of the Institute's supervision, ensures proper implementation of the academic calendar, conducts curricular, extra-curricular, and promotional activities at departmental and institutional levels.

f) Librarian: The librarian will manage the planning, administrative and budgetary functions of the library. He will be responsible for procurement planning in consultation with respective HODs and the Principle.

g) Training & Placement Officer: The Training & Placement Officer manages student training and placement activities, collaborating with the Head of the Institute, Central Placement Cell Head, Registrar, and department heads to improve employability.

h) Officer in Charge (Examinations): The Officer in Charge (Examinations) supervises the Examination Cell, which is formed by the Academic Committee, and conducts university exams and internal tests under the Head of the Institute's direct guidance.

□ **Frequently of the Board Meeting and Academic Advisory Body:**

The Governing Body meets thrice in a year and the Academic Advisory Committee meets once a month and frame out the major policies such as Resource planning, Teaching, Learning Process, Laboratory & Workshop Methods, Implementation of new educational technology etc.

TECHNO INTERNATIONAL NEW TOWN
(FORMERLY KNOWN AS TECHNO INDIA COLLEGE OF TECHNOLOGY)
DG-1/1, Action Area-I, New Town, Kolkata -- 700156

CIRCULAR

Ref No. TINT/CIR/COMM-03/2024

Date: 02.07.2024.

This is for the information of all faculty members, staff and students that the **Academic Committee** of the Institution is being revised as follows:

- Chairperson:** Dr Ayan Chakraborty, Principal-in-Charge
- Coordinator:** Dr Swagata Paul, Associate Professor & Head, Dept. of CSE
IQAC Coordinator & Academic Coordinator
- Members:** Prof. Soma Chatterjee Ghosh, Assistant Registrar
Prof. (Dr) Milan Basu, Professor & Head, Dept. of EE
Prof. (Dr) Tapas Kumar Nandi, Professor & Head, Dept. of ME
Prof. (Dr) Pradip Kumar Ghosh, Professor & Head, Dept. of ECE
Dr Sanjoy Das Neogi, Associate Professor & Head, Dept. of CE
Dr Ammlan Ghosh, Associate Professor & Head, Dept. of MCA
Dr Sayantika Bose Chakraborty, Associate Professor & Head,
Dept. of BSH
Prof. Indrajit Pandey, Assistant Professor & Head, Dept. of AEIE &
Officer-in-Charge, Examination Cell
Prof. Sourav Mahapatra, Assistant Professor & Head, Dept. of IT
Prof. Ipsita Ghatak, Assistant Professor, Dept. of MBA
Prof. (Dr) Manabendra Maity, Professor & Mentor, Dept. of ECE &
Professor-in-Charge, Library
Mr Soumya Kanti Das, Training & Placement Officer
Mr Basab Mukherjee, Assistant Librarian

Tenure:

The tenure of the abovementioned Committee is two (2) years from the date of publication of this Circular or till further notice, whichever is earlier.

Roles and Responsibilities:

The Academic Committee is expected to function in accordance with the following Roles and Responsibilities:

- **Foster Academic Excellence:** Promote rigorous academic standards and continuous improvement in teaching, learning and research to ensure the highest quality of education
- **Enhance Curriculum Development:** Guide the development, implementation and periodic review of the curriculum to keep it current, relevant and aligned with industry needs and technological advancements

- **Support Faculty Development:** Encourage and support ongoing professional development for faculty members to enhance their teaching, research and leadership skills
- **Ensure Student Success:** Develop and implement policies and initiatives that support student academic achievement, retention and overall success
- **Maintain Academic Integrity:** Uphold the principles of academic honesty, ethical behavior and establish clear procedures for addressing academic misconduct
- **Promote Inclusive Education:** Ensure that the academic environment is inclusive and accessible to all students, fostering diversity and equity
- **Facilitate Effective Governance:** Provide a structured process for academic decision-making, ensuring transparency, consistency and accountability in all academic operations



Dr Ayan Chakraborty
Principal-in-Charge

Cc to: IQAC
IIC
All Departments
Administration
Library
Website

❖ **Nature and Extent of involvement of faculty and students in academic affairs/improvements**

- Academic Committee has been formed consisting of senior faculty members for day-to-day monitoring of the academic activities.
- Regular interactions are being taken place with the student representatives in view of academic activities of the institute.
- Regular meeting with HODs for exchange of views for the betterment of academic activities.

The Faculty members & students work together to make the institute a **Centre of Excellence**. The feedback system of the college is a bipolar process where the students & the faculty members help to improve each other and enhance their potentiality in every possible way. This in turn paves the way for a strong academic foundation.

❖ Mechanism/Norms & Procedure for democratic/good Governance

- Decentralization
- Bottom-up-approach
- Examination & Monitoring Committee
- Library Committee with a Faculty-in-charge
- Monthly Departmental Meetings
- Departmental meeting with students for industrial training and student projects

The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

Vision of the Institute:

To achieve excellence in a transformative education inculcating research, innovation and entrepreneurship skills that will create good leaders and innovators for sustainable growth of technology, economy and society.

Mission of the Institute:

1. To create a holistic ambience where state-of-the-art research, new ideas, innovation and leadership are encouraged
2. To develop new knowledge and foster talent for identifying and addressing the problems faced by the industry, society and the nation.
3. To facilitate innovation and entrepreneurship for creation and enhancement of employability with the skills imparted and the knowledge generated.
4. To encourage collaborative and multidisciplinary research in partnership with the industry and other academic institutions with the aim of instilling an urge for lifelong learning in the students.

The vision and mission of the institute are designed in compliance with NEP 2020 that will create robust institutional architecture to attain the objective of the national policy of higher education. The values of vision are well reflected in the ethos and functioning of the institute. Since it is an affiliated college, we have some limited scope of holistic implementation of vision & mission as per NEP 2020. The institute maintains academic standards and promotes multidisciplinary research through its Internal Quality Assurance Cell and Research & Development Cell.

The Head of the Institute is the academic and administrative head of the institution who is supervising the all activities of the institution in close coordination with the Governing Body and Head of the Departments. The institution has a prospective plan to develop an effective inter linkage between teaching and research with the suggestion of IQAC. Internal Quality Assurance Cell (IQAC) has a well-developed process to ensure quality benchmarks of academic and administrative activities which aims at continuous enhancement of quality in teaching-learning process.

The various administrative and academic bodies of the institute are effectively governed through a constitution of mandatory committee/cell such as Academic Committee, Anti-ragging Committee, Grievance Redressal

Cell etc and they function in coordination with the head of the institute towards achieving the vision and mission of the institute.

Head of Department with support of head of the institute maintains the academic standard and makes the effective interlinkage between industry & institution through IIC where special lectures, seminars, training & workshops are delivered by the industry professionals for total development of the future professionals in line with the short and long term goal of the institution.

Faculty members are encouraged for participation in institutional governance to sustain institutional growth through various committees and cells. The College strives to address the needs of the society through innovative actions and plans. In this initiative, several cultural clubs/committees were constituted for contributing to Indian Culture. The stakeholders of these Committees/clubs make efforts to motivate students for their overall development through various skill-based so that they can contribute to society as responsible citizens.

❖ **Student Feedback on Institutional Governance/faculty performance**

- Student feedback on Faculty performance has already been started in a prescribed format ➤ Student feedback is taken for procurement of Library Books & Journals, Magazine etc.
- Encouraging plan for engaging students for use in Institutional activities such as Website, Library Software etc.

The institute highly values the feedback of the students on institutional governance and faculty performance. A Feedback Form has been especially designed to that end. Every student is given this form at the end of every semester. The duly filled in forms are collected and later on discussed in the meeting of the Academic Council. The purpose is to help the faculty to develop himself/herself to deliver the best output.

❖ **Grievance redressal mechanism for faculty, staff and students**

- The Grievance Redressal Committee looks after the grievances of the students.
- The Academic Committee & Internal Quality Assurance Cell (IQAC) looks after the grievances of the faculty and staff.

The Grievance Redressal Committee is dedicated to addressing and resolving the concerns and complaints of students, ensuring a supportive and responsive environment for their academic and personal development. Meanwhile, the Academic Committee and Internal Quality Assurance Cell (IQAC) are responsible for managing and addressing the grievances of faculty and staff, maintaining high standards of academic and institutional quality, and fostering a positive and productive workplace. Both committees play a crucial role in upholding the institution's commitment to fairness, transparency, and excellence.

Policy Document

Preamble

AICTE has notified regulation for establishment of mechanism for grievance redressal cell for all the AICTE approved technical institutions vide No. 37-3/Legal/2012 dated 25.05.2012, to ensure transparency at technical institutions imparting technical education, in admissions and with objectives of preventing unfair

practices and to provide a mechanism to students for redressal of the grievances, complaints, malpractices and problems of students of TINT.

Objective

The role of the Grievance Redressal Cell is to develop a responsive and accountable attitude among all the stakeholders by ensuring transparency in admissions, preventing any unfair means and providing a mechanism to innocent students for redressal of their grievances. A Grievance Cell should be constituted for the Redressal of the problems reported by the students/parent/ staff members (Teaching & Non-Teaching) of the College with the following objectives:

- To ensure a fair, impartial and consistent way for redressal of various issues faced by the stakeholders.
 - To ensure that grievances are addressed and resolved promptly and in complete confidentiality.
- To ensure that the views of grievant and respondent are respected and that any party to a grievance is not discriminated or victimized.
- To ensure stakeholders to respect the rights and dignity of one another.

Scope

The cell will deal with Grievances received from the stakeholders about any of the following matters:

- Grievance on discrimination by students/ parent/ staff members
- Grievance related to charging of fees
- Non-observation of AICTE norms and standards
- Grievance related to attendance
- Grievance regarding non-transparent or unfair evaluation process
- Grievance related to provision of student amenities and quality education as promised or required to be provided
- Delay in processing of scholarships
- Grievance related to victimization of students/ parent/ staff members □ Grievance related to admission

Functions & Responsibilities

- The Cell shall look into any type of grievance of the students or parent or faculty members or staff members, only in such cases where the issue has not been resolved even after formal complaint to the concerned authority.
- The Cell shall decide its course of action only after detailed discussion with both the complainant and the person or group of persons against whom the grievance has been lodged.
- If the Cell feels it necessary for proper judgement, it may interview other persons (faculty members or students or office staff or guardians) related to the incident under consideration.
- The Cell shall execute its decision only after consultation with and approval of the Director of the College.
- Any matter related to ragging or sexual harassment in any form shall mostly remain outside the purview of the Cell.

Grievance Redressal Mechanism

Any student, parent, faculty or staff members, who wants to raise any grievance, has to apply for his/her registration in the online portal of the institute or the grievance redressal box present in the campus.

After proper verification of the identity the administrator approves their registration in the online portal.

- After the registration an individual can raise the grievance under the respective category of grievance mentioned in the portal.
- Whenever a grievance is raised in the portal as well as from the grievance redressal box, the Convenor and concerned grievance cell member assigned to the concerned category of grievance is notified.
- The assigned member with the help of the other members addresses that grievance and proper documentation is maintained and subsequently all such actions are placed in the next meeting for approval.
- The Convenor collects the feedback at the end of event, analyzes it and makes a report.
- **Establishment of Anti Ragging Committee: Please See the Annexure A**
- **Establishment of Online Grievance Redressal Mechanism: Please See the Annexure B**
- **Establishment of Grievance Redressal Committee in the Institution and Appointment of Ombudsman by the University: Please See the Annexure C**
- **Establishment of Internal Complaint Committee (ICC): Please See the Annexure D**
- **Establishment of Committee for SC/ ST: Please See the Annexure E □ Internal Quality Assurance Cell: Please See the Annexure F**

10.6 Programmes

- **Name of Programmes approved by AICTE**
 - Computer Science and Engineering(UG)
 - Information Technology(UG)
 - Electronics and Communication Engineering(UG)
 - Electrical Engineering(UG)
 - Applied Electronics and Instrumentation Engineering(UG)
 - Mechanical Engineering(UG)
 - Civil Engineering(UG)
 - Computer Science and Business System(UG)
 - Computer Science and Engineering (Artificial Intelligence and Machine Learning) (UG)
 - Computer Science and Engineering (Cyber Security) (UG)
 - Computer Science and Engineering (Data Science) (UG)
 - Computer Science and Engineering (Internet of Things) (UG)
 - Artificial Intelligence (AI) and Data Science (UG)
 - Electronics and Computer Science (UG)
 - Management (BBA) (UG)
 - Computer Application (BCA) (UG)
 - M.Tech in Electrical Engineering(PG)
 - Masters in Computer Applications (PG)
 - Masters in Business Administration (PG)
- **Name of Programmes Accredited by NBA**

N/A

- **Status of Accreditation of the Courses**

N/A

- **Total number of Courses**

16 (UG) 3(PG)

- **No. of Courses for which applied for Accreditation**

N/A

- **Status of Accreditation – Preliminary/ Applied for SAR and results awaited/ Applied for SAR and visits completed/ Results of the visits awaited/ Rejected/ Approved for . . .Courses (specify the number of courses)**

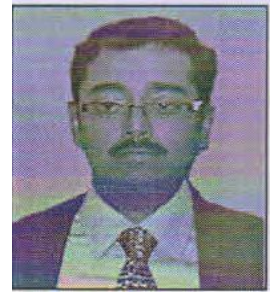
Applied for SAR and results awaited.

- Name and duration of Programme(s) having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration, give the following details:

Name of Country	Name of the Collaborating Industry	Nature of the business	Date	Total no of collaboration
BOSNIA & HERZEGOVINA	Sarajevo School of Science & Technology	Education & Research	23-08-2018	3
BOSNIA & HERZEGOVINA	University of Mostar	Education & Research	16-12-2019	3
BOSNIA & HERZEGOVINA	University of East Sarajevo	Education & Research	30-08-2018	3
SPAIN	University of Valladolid	Education & Research	03-10-2018	1
CHINA	Sichuan Vocational College of Information Technology	Education & Research	25-05-2018	3
CHINA	Yuxi Technician College	Education & Research		3
CHINA	Gengdan Institute of Beijing University of Technology	Education & Research	21-11-2018	3
THAILAND	Sirindhorn International Institute of Technology	Education & Research	02-12-2019	2
THAILAND	University of the Thai Chamber of Commerce	Education & Research	06-05-2021	
JAPAN	Okayama University	Education & Research	11-03-20109	2
JAPAN	Nagasaki Wesleyan University (NWU)	Education & Research	17-05-2019	2
MALAYSIA	Manipal International University	Education & Research	11-11-2019	1
FRANCE	Rennes School of Business	Education & Research	08-11-2021	9
POLAND	Jagiellonoan university in Krakow	Education & Research	17-03-2023	

10.7. FACULTY

➤ Permanent Faculty	:	186
➤ Adjunct & Professor in practice	:	32
➤ Faculty Student Ratio	:	For B.Tech 1:20



10.8. PROFILE OF PRINCIPAL

Name : **Prof.(Dr.) Ayan Chakraborty**

Date of Birth : 11.09.1982

Unique ID : 1-431642753

Education Qualification : Ph.D

Work Experience: a. Teaching : 18 Years b. Research : 16 Years c. Industry : 01 Year

Area of Specialization : Computer Science

Project Guide (UG) : 14

Project Guide (PG) :

No. of Book Published : 01

Paper Published (National Level) :

Paper Published (International Level) : 14

10.9. FEE

Session: 2023-2024

SL No	Name of the Scheme	Total No of Students
1	No of TFW student	29
2	West Bengal Free Ship Scheme	Applied 01

• **Number of Scholarships offered by the Institution, duration and amount:**

SL No	Types of Scholarship in which Students can Apply	Total No of Scheme	Eligibility Criteria	Received Amount (Rs.)
1	AICTE Pragati	1	The candidate should be admitted to 1st year of Degree/Diploma course in any of the AICTE approved institutions of the respective year through the Centralized Admission Process of the State/Central Government. Only two Girl Children per family are eligible	As per Previous Year Record Rs. 50000/-
2	Aikasree for Minority Students only WB domiciled	1	For West Bengal Domiciled students (Minority)(Domiciled of West Bengal, minimum 50% marks)for Minority Students	Rs 22,000 to 33,000 per year for Merit cum Means Scholarship (Technical and Professional course students
3	Merit Cum Means for The Students of Minority students 2.0, NSP2.0(online)	1	1. Students (<u>Muslims, Christians, Sikhs, Buddhists, Zoroastrians (Parsee) & Jains</u>) who have taken admission in technical/professional courses at the graduate or postgraduate level are eligible to apply.2. Students must have secured not less than 50% marks in the previous final exam.3. The annual family income must not be more than INR 2.5 Lakh from all sources.4. All state Portals	As per Previous Year Record Rs25000/-
4	Swami Vivekananda Merit Cum Means 4.0(online)	1	1. Students (<u>Domiciled in West Bengal</u>) Candidates must obtain at least 75% marks in Last Qualifying Exam in aggregate (Best of five in HS or equivalent). 3.The income criteria for application under the scheme is not more than Rs. 2,50,000/- per annum subject to fulfilment.	As per Previous Year Record Rs.60000/-

5	Post Matric Scholarship for OBC/SC/ST or ((Minority obc) , Oasis Scholarship (offline)	1	Under this scheme, each eligible student (West Bengal domiciled) whose parents /guardians' income does not exceed Rs. two lakh p.a.	As per Previous Year Record Rs.19100/-
6	Rail way benefit/ railway fund Online generated Application form verified only by offline	1	Under this scheme, each eligible whose parents /guardians must be employee of Railway/Railway staff	As per Previous Year Record Rs. 18000/-
7	Swami Vivekananda Merit Cum Means for Minority (online)	1	1.Students (Domiciled in West Bengal & who are of Muslims, Christians, Sikhs, Buddhists, Zoroastrians(Parsee) & Jains) who are enrolled in XI or its equivalent course on passing Madhyamik Pariksha or its equivalent examination in 2019 are eligible to apply. Candidates must obtain at least 75% marks in aggregate (Best of five in H.S). 2. The upper ceiling for family income has been fixed at Rs.2,50,000/- per annum	As per Previous Year Record Rs.30000/-
8	WBFS	1	Merit rank in State Level/National Level Entrance Examination. Candidate must be domicile of the West Bengal. Annual family income of the candidate must not be more than Rs. 2.50 lakhs. TFW & SVMCM are not Eligible	Full Free /half free on the basis of Tuition Fee of students' on concerned Academic Session
9	Financial Assistant for BSF off line	1	Students who have taken admission in 1st year (except Lateral Entry & Integrated Course) are only eligible to apply for PMSS. Students must apply online on KSB web portal www.ksb.gov.in. Students should have scored 60% and above in Minimum Educational Qualification (MEQ) i.e. 10+2 / Diploma / Graduation	As per Previous Year Record Rs.13500
10	Financial Assistant for PMSS off line	1	Students who have taken admission in 1st year (except Lateral Entry & Integrated Course) are only eligible to apply for PMSS. Students must apply online on KSB web portal www.ksb.gov.in. Students should have scored 60% and above in Minimum Educational Qualification (MEQ) i.e. 10+2 / Diploma / Graduation	Girls-36000/- Boys- 30000/-
11	Central Schemes in 2.0, NSP Portals	1	Candidates who are above the 80 th percentile of successful students who have passed class 12 Pursuing regular UG/PG course Annual family income less than Rs.8 Lakh	As per Previous Year Record Rs.65000/-

13	Tripura Post Matric Scholarship (NSP)	1	Students who have taken admission in technical/professional courses at the graduate or postgraduate level are eligible to apply.2. Students must have secured not less than 50% marks in the previous final exam.3. The annual family income must not be more than INR 2.5 Lakh from all sources., 5. Tripura Domiciled students.	Course Group & Hosteller/Day Scholar Degree of Disability
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10.10 Admission:

SESSION 2023-24			SESSION 2022-23			SESSION 2021-22		
Stream	Intake	Actual Admission	Stream	Intake	Actual Admission	Stream	Intake	Actual Admission
AEIE	60	06	AEIE	60	12	AEIE	60	20
AIML	60	62	AIML	60	52	AIML	60	51
CIVIL	60	0	CIVIL	60	03	CIVIL	60	9
CSBS	60	42	CSBS	60	39	CSBS	30	29
CSE	180	167	CSE	180	185	CSE	180	179
ECE	120	72	ECE	120	73	ECE	120	120
EE	60	13	EE	60	12	EE	60	28
IT	120	105	IT	120	115	IT	120	116
ME	60	08	ME	60	02	ME	60	18
CSE(CYBER SECURITY)	30	26	CSE(CYBER SECURITY)	30	27	CSE(CYBER SECURITY)	00	NA
CSE(DATA SCIENCE)	30	31	CSE(DATA SCIENCE)	30	27	CSE(DATA SCIENCE)	00	NA
CSE(INTERNET OF THINGS)	30	29	CSE(INTERNET OF THINGS)	30	18	CSE(INTERNET OF THINGS)	00	NA
MBA	60	07	MBA	60	05	MBA	60	2
MCA	120	44	MCA	120	61	MCA	120	69
M.Tech EE	9	01	M.Tech EE	9	01	M.Tech EE	9	1

10.11	Admission Procedure	
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<p>Mention the admission test being followed, name and address of the test Agency and its URL (website)</p>	<p>For UG admission - 90% of the students absorbed from the West Bengal Joint Entrance Examination (WBJEE) and 10% students are admitted from JEE (Mains) merit list through online counselling system. Admission through lateral entry to the 2nd year 3rd semester level of UG through WBJEE (JELET exam) https://wbjeeb.nic.in/ http://www.jeemain.nic.in</p> <p>For PG admission -M.Tech - candidates having valid GPAT and PGET score are eligible to get admission. If seats remain vacant after University counselling process, then as per WBGO, students may be admitted through direct admission. http://www.aicte-gpat.in https://makautwb.ac.in/</p> <p>For PG admission -MCA - candidates having valid JECA</p>
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		<p>score are eligible to get admission through WBJEE (JECA exam) https://wbjeeb.nic.in/</p> <p>For PG admission -MBA - candidates having valid MAT and JE-MAT score are eligible to get admission.. https://makautwb.ac.in/ https://www.aima.in</p>
	<p>Calendar for admission against Management/vacant seats</p>	<p>As per norms laid down by Director of Technical Education, Govt. of West Bengal, West Bengal Joint Entrance Examination Board and Affiliating University (MAKAUT,WB)</p>
	<p>Last date of request for applications</p>	<p>As per norms laid down by Director of Technical Education, Govt. of West Bengal, West Bengal Joint Entrance Examination Board and Affiliating University (MAKAUT,WB)</p>
	<p>Last date of submission of applications</p>	<p>As per norms laid down by Director of Technical Education, Govt. of West Bengal, West Bengal Joint Entrance Examination Board and Affiliating University (MAKAUT,WB)</p>
	<p>Dates for announcing final results</p>	<p>As per norms laid down by Director of Technical Education, Govt. of West Bengal, West Bengal Joint Entrance Examination Board and Affiliating University (MAKAUT,WB)</p>
	<p>Release of admission list (main list and waiting list shall be announced on the same day)</p>	<p>As per norms laid down by Director of Technical Education, Govt. of West Bengal, West Bengal Joint Entrance Examination Board and Affiliating University (MAKAUT,WB)</p>
	<p>Date for acceptance by the candidate (time given shall no case be less than 15 days)</p>	<p>As per norms laid down by Director of Technical Education, Govt. of West Bengal, West Bengal Joint Entrance Examination Board and Affiliating University (MAKAUT,WB)</p>

	Last date for closing of admission	As per norms laid down by Director of Technical Education, Govt. of West Bengal, West Bengal Joint Entrance Examination Board and Affiliating University (MAKAUT,WB)
	Starting of the Academic session	As per norms laid down by the affiliating University (MAKAUT,WB)
	The waiting list shall be activated only on the expiry of date of main list	No waitlisted candidates present
	The policy of refund of the fee, in case of withdrawal, shall be clearly notified	As per AICTE mandate
10.12	Criteria and Weightage for Admission	
	Describe each criterion with its respective weightage i.e. Admission Test, in qualifying examination etc.	As per norms laid down by Director of Technical Education, Govt. of West Bengal, West Bengal Joint Entrance Examination Board and affiliating University (MAKAUT,WB)
	Mention the minimum level of acceptance, if any	As per norms laid down by Director of Technical Education, Govt. of West Bengal, West Bengal Joint Entrance Examination Board and affiliating University (MAKAUT,WB)
	Mention the cut-off levels of percentage and percentile score of the candidates in the admission test for the last three years	As per norms laid down by Director of Technical Education, Govt. of West Bengal, West Bengal Joint Entrance Examination Board and affiliating University (MAKAUT,WB)

10.15

- **Information of Infrastructure and Other Resources Available:**

- Number of class room & size of each: 64 & 66 m² ○ Number of tutorial rooms & size of each: 6 & 30 m² ○ Number of laboratories & size of each: 53 & 66 ○ Number of drawing halls with capacity of each: 02, 66 ○ Number of computer centers with capacity of each: 2 Labs with 180 capacity & 1 lab with 200 capacity
- Central examination facility- Number of rooms & capacity of each: 34 rooms with 70 capacity.
- Online examination facility (Number of nodes, Internet Bandwidth): 350 nodes with 1 GBPS speed.
- Barrier Free Built Environment for disabled and elderly persons:
 - Toilets that are accessible to individuals with disabilities are provided on alternating floors.
 - A ramp is provided in front of the lift lobby. ○ Hostel facility: Separate hostel facilities for male and female students are provided, with accommodations on a twin-sharing basis.

- **Barrier Free Built Environment for disabled and elderly persons**

As per the directions from All India Council for Technical Education (AICTE), our institution has taken a precautionary measure to provide equal opportunities to all the students irrespective of their disabilities. The institute has constructed disabled-friendly washrooms and ramps at every major entry and exit points.

- **Fire and Safety Certificate : Please see the Annexure G**

Library:

#	Programs	Total Titles	Total Volumes
1	Engineering Mathematics	341	6060
2	Engineering Physics	176	2827
3	Engineering Chemistry and Environmental Studies	122	1935
4	English Language and Communication	160	1405
5	Mechanical Engineering	371	6892
6	Civil Engineering	180	3607
7	Electrical Engineering	258	4632
8	Electronics and Communication Engineering	280	4158
9	Applied Electronics and Instrumentation Engineering	128	1941
10	Computer Science and Engineering	509	6230
11	Information Technology	219	2635
12	Master of Computer Applications	125	1260
13	Management Studies	168	3085
14	Master of Business Administration	188	729
15	Core Reference Titles [Dictionaries, Encyclopaedias, Handbooks, Competitive Examination Books, Fictions etc.]	316	446
16	Gift Items (INFOSYS and others)	243	350
TOTAL		3784	48192

Laboratory and Workshop

- List of Major Equipment/Facilities in each Laboratory/Workshop
- List of Experimental Setup in each Laboratory/Workshop

Please see the Annexure H

Computational Facilities		
Sr. No.	Particulars	Available
1.	Printers	54
2.	A1 size Color Printers	1
3.	Legal Application S/W	50
4.	Legal System S/W	7
5.	PCs to Student ratio	635

Internet Bandwidth:	50 Mbps (TATA Tele Business Service) & 40 Mbps (Meghbela Broadband Pvt. Ltd)
Number and Configuration of System	720 Dual Core/Core i3/Core i5, 4GB/8 GB Ram, 250GB/ 500 GB HDD
Total number of systems connected by LAN	720
Total number of systems connected to WAN	6

- **Major software packages available :**

Name of System software	Name of Application Software
1. Windows 7	1. Microsoft Office 365
2. Windows 10	2. Visual Studio Professional
3. Windows Srv 2016 Standard	3. Project Professional
4. Fedora	4. Adobe Photoshop
5. Ubuntu	5. Adobe Premiere pro
	6. Adobe Acrobat
	7. Adobe Dreamweaver
	8. Apache Tomcat
	9. NetBeans
	10. Adobe Dreamweaver
	11. Eclipse IDE
	12. Python
	13. oracle 11g express edition
	14. Java jdk
	15. R-4.1.3
	16. Apache webserver
	17. MATLAB
	18. AutoCAD
	19. MiPower
	20. ETap
	21. PSIM
	22. MultiSIM
	23. PSCAD
	24. PowerWorld
	25. EMU8086
	26. codeblocks

- **Facilities for conduct of classes/courses in online mode (Theory & Practical)**

Holistic implementation of digital teaching learning platform in pandemic situation

- LMS Platform used: Moodle, Schoology,

- E-Learning courses: NPTEL, M-Tutor, GATETutor, MyPerfectice
- Virtual classroom platform: Microsoft Team, ZOOM, Google Meet, Youtube Live
- Moodle Platform at TINT (URL: <https://csemoodle.tint.edu.in/>)

The Moodle platform is being extensively used by Department of CSE at TINT from 2011. Now it is used by all the departments to conduct teaching-learning process. The server is managed by department of CSE, TINT. We are running Moodle version 3.8.2 with all the plugins required to manage teaching learning process. Currently 4853 Users accounts are there with 158 teacher account.

The web service is installed on “IBM System x3650 M4” server with the following specification-

- 12 Core Intel(R) Xeon(R) CPU E5-2620 0 @ 2.00GHz
- 16 GB RAM □ RAID 5

Room 217, CSE Project Lab 1, first floor is allocated to watch MOOCS courses as and when required.

The Lab is equipped with –

- a. Large screen with HD projector
- b. Proper audio system with microphone
- c. Seating capacity of 50

The department of CSE arranges such live sessions communicated by a) SPOC, NPTEL Local Chapter, TINT. b) faculty members.

The students and faculty members both participate in the sessions.

• **Innovation Cell**

The institution was having an Entrepreneurship Cell now for an extended period of time. In 2021, the institution has joined an initiative of MoE’s Innovation Cell which is known as Institution’s Innovation Council (IIC). The ID of this institution is IC202014047. The institute has taken an initiative to conduct several talks and workshops related to innovation and IPR. In the last quarter, IIC of the institute secured 5 points in Self-Driven Activity and 1 point in MIC Driven Activity. In this present academic year the institution has participated in Smart India Hackathon and has planned to incubate the ideas through its BI. The Institute has also been able to adjoin some investors and venture capitalists in the advisory body of IIC.

To participate in the National Innovation Ranking, Techno International New Town has registered in Atal Ranking of Institutions on Innovation Achievements (ARIIA)- ID No-(AR-C-6198) . Following the National Innovation and Start-up Policy (NISP) the institution has formulated its own Innovation and Entrepreneurship Policy which is currently being implemented by the Institution’s Innovation Council (IIC) of Techno International New Town. The implementations of the innovation activities are reported to ARIIA. In the year 2021, the institution has recognized in the “Performing Band” by ARIIA.

• **Social Media Cell**

Functions of Cell: -

- To maintain & update the college website.
- To carry out the social media campaign for promoting college related news & information.

- To design innovative post/messages for posting on social media accounts of the college such as Facebook, Instagram, Youtube, LinkedIn etc.
- To keep track of the views, comments, likes on the social media platforms and report it to the concerned authorities.
- To coordinate with different departments of the college as well as other stakeholders & collect relevant information for posting on social media.
- To coordinate with different departments of the college as well as other stakeholders & collect relevant information for posting on social me

• **Games and Sports Facilities** Please see the Annexure I

• **Extra-Curricular Activities**

Science and Technology Club

Science Club gives students hands-on experience working with the scientific method, planning experiments. The roles of the student's representatives are:

- To select a faculty advisor of the club for discussion and advice on any specific field of technology
- To encourage students for participation in student's fair by organizing series of activities promoting latest technology
- To organize the Technology Fest in the college premises

Cultural Committee

The Cultural Committee is responsible for all Inter Collegiate cultural events in the College. The student fraternity is represented by the Student Coordinator in the Cultural Coordination Committee headed by a designated faculty who is the Institutional Cultural Coordinator. The Student Coordinator has the following roles and responsibilities:

- To plan and schedule the cultural events. ○ To prepare budget for all cultural events and take necessary steps for its approval. ○ To obtain formal permission from the College authorities.
- To decide the date, time and agenda of the program and to inform staff and students about the event.
- To arrange the venue and logistics (audio/video system, dais, podium etc).
- To invite the Chief Guest and other dignitaries and to arrange mementos for guests and gifts/certificates for the participants.
- Events arranged for students in coordination with 'Students Cultural Committee' are: i. Fresher's Day ii. College Cultural Fest iii. Blood Donation Camp iv. Saraswati Puja v. Viswakarma Puja

• **Sports Committee**

This Committee intends to prepare a stimulating e environment for eminence in sports. The student fraternity is represented by the Student Coordinator in this Committee. The Student Coordinator has the following roles and responsibilities:

- To promote a positive attitude towards participation in physical activities.
- To procure and maintain all types of sporting inventory as per requirements.
- To arrange screening of important matches/events.
- To organize frequent inter-college and intra-college tournaments for active participation of the students.

- **Teaching Learning Process** ○ Curricula and syllabus for each of the Programmes as approved by the University

Please visit MAKAUT website for syllabus: http://makautexam.net/new_syllabus.html

- **Academic Calendar of the University : Please see the Annexure J**

**10.16. Enrolment and placement details of students in the last 3years
Please see the Annexure K**

10.17 List of Research Projects /Consultancy Works

MoUs with Industries (Please see the Annexure L)

TECHNO INTERNATIONAL NEW TOWN**(FORMERLY KNOWN AS TECHNO INDIA COLLEGE OF TECHNOLOGY)**DG-1/1, Action Area-I, New Town, Kolkata -- 700156**CIRCULAR**

Ref No. TINT/CIR/COMM-12/2024

Date: 05.07.2024.

This is for the information of all faculty members, staff and students that the **Anti-Ragging Committee** and **Anti-Ragging Squad** of the Institution are being revised as follows:

Anti-Ragging Committee

- Chairperson: Dr Ayan Chakraborty, Principal-in-Charge (9903479560)
- Convenor: Dr Sayantika Bose Chakraborty, Associate Professor & Head,
Dept. of BSH (9433450226)
- Members:
- Dr Kakali Ghosh, Associate Professor, Dept. of BSH (9030560804)
 - Dr Papiya Debnath, Associate Professor, Dept. of BSH (9674947712)
 - Dr Arpita Chattopadhyay, Assistant Professor, Dept. of BSH
(9748249461)
 - Dr Amalendu Singha Mahapatra, Assistant Professor, Dept. of BSH
(9836548439)
 - Dr Sanjukta Chakraborty, Assistant Professor, Dept. of BSH
(8116874903)
 - Dr Kashmi Mondal, Assistant Professor, Dept. of BSH (9123055217)
 - Dr Anindita Ray, Assistant Professor, Dept. of BSH (9836019874)
 - Prof. Barnali Dutta Roy, Assistant Professor, Dept. of BSH
(8961243424)
 - Prof. Atanu Chakraborty, Assistant Professor, Dept. of ECE
(9433764820)
 - Prof. Hemanta Dey, Assistant Professor, Dept. of MCA (9432544090)
 - Prof. Debasish Biswas Assistant Professor, Dept. of EE (9874350350)
 - Prof. Debraj Chatterjee, Assistant Professor, Dept. of CSE (9831491391)
 - Prof. Mousumi Kundu, Assistant Professor, Dept. of CE (9123698720)
 - Prof. Saswati Ghosh, Assistant Professor, Dept. of MCA (9434535228)
 - Ms. Malancha Khan, Senior Technical Assistant, Dept. of CSE
(9433847916)
 - Mr. Pankaj Kumar, Technical Assistant, Dept. of BSH (9831218566)
- An eminent Academician: Dr. Pinakpani Pal, Associate Professor, Indian Statistical Institute
(9432649882)
- NGO Representative: Ms. Shampa Chowdhury, Programme Lead, Kolkata & Eastern
Region, St. Jude's Child Care Centre (9836344413)

Officer-in-Charge,
Techno City P.S.:

Mr Somnath Bhattacharjee (6292235595)

Guardian
Representative:

Mr Jaydev Mukherjee, Executive Engineer, Irrigation & Waterways,
Government of India (8918126720)

Anti-Ragging Squad

Chairperson:

Dr Ayan Chakraborty, Principal-in-Charge (9903479560)

Convenor:

Prof. Averi Banerjee, Assistant Professor & Head,
Dept. of BSH (9038055545)

Members:

Dr Partha Pratim Chakraborty, Assistant Professor, Dept. of BSH
(9734285940)

Dr Moumita Mukherjee, Assistant Professor, Dept. of IT (9836938404)

Prof. Sandip Bhattacharya, Assistant Professor, Dept. of ECE
(9681399441)

Prof. Sarasij Majumdar, Assistant Professor, Dept. of MCA
(9836111094)

Prof. Sumit Dey, Assistant Professor, Dept. of ME (8961131406)

Prof. Mousumi Kundu, Assistant Professor, Dept. of CE (9432150076)

Prof. Abhijit Kumar Bhagat, Assistant Professor, Dept. of AEIE
(9903311830)

Prof. Taposi Chatterjee, Assistant Professor, Dept. of BSH
(9051013622)

Prof. Debraj Chatterjee, Assistant Professor, Dept. of CSE (9831491391)

Prof. Monalisa Dutta, Assistant Professor, Dept. of EE (9051915420)

Mr. Sajib Chowdhury, Technical Assistant, Dept. of CSE (9836566910)

Tenure:

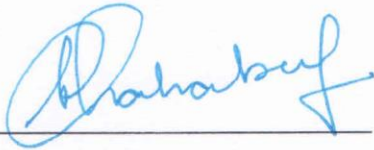
The tenure of the abovementioned Committee and Squad is two (2) years from the date of publication of this Circular or till further notice, whichever is earlier.

Roles and Responsibilities:

The Anti-Ragging Committee and Anti-Ragging Squad are expected to function in accordance with the following Roles and Responsibilities:

- Ensure compliance with the provisions of the anti-ragging regulations as well as the provisions of any law for the time being in force concerning ragging
- Create awareness among the students about the menace of ragging
- Explain to the students the adverse effects of ragging and the punishments thereof

- Display anti-ragging notices in various locations of the campus
- Conduct surprise visits and checking in hostels and other places
- Conduct an enquiry into any incidents of ragging referred to it by any member of the faculty or any student or any parent or guardian or any employee; and submit the enquiry report along with recommendations to the Head of the Institution for onward action



Dr Ayan Chakraborty
Principal-in-Charge

Cc to: IQAC
IIC
All Departments
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ANNEXTURE-B



TECHNO INTERNATIONAL NEW TOWN
(Formerly known as Techno India College of Technology)

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CIVIL ENGINEERING

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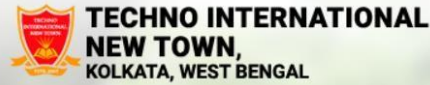
ADMISSION 2024

Enter Name *

Enter Email Address *

+91 Enter Mobile Number

Select State Select City



Grievance Redressal Portal



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https://tict.edugrievance.com/Home/Login?userType=Parent

TECHNO INTERNATIONAL NEW TOWN**(FORMERLY KNOWN AS TECHNO INDIA COLLEGE OF TECHNOLOGY)****DG-1/1, Action Area-I, New Town, Kolkata -- 700156****CIRCULAR****Ref No. TINT/CIR/COMM-15/2024****Date: 05.07.2024.**

This is for the information of all faculty members, staff and students that the **Grievance Redressal Committee** of the Institution is being revised as follows:

Chairperson:	Dr Ayan Chakraborty, Principal-in-Charge
Convenor:	Prof. (Dr) Tapas Kumar Nandi, Professor & Head, Dept. of ME
Members:	Prof. Sourav Mahapatra, Assistant Professor & Head, Dept. of IT Dr Soma Bose Biswas, Associate Professor, Dept. of MBA Dr Siddhartha Mukherjee, Assistant Professor, Dept. of CE Dr Debasish Bhattacharya, Assistant Professor, Dept. of MBA Prof. Kashmi Mandal, Assistant Professor, Dept. of BSH Prof. Arghya Kusum Das, Assistant Professor, Dept. of CSE Prof. Sarasij Majumdar, Assistant Professor, Dept. of MCA Prof. Nantu Das, Assistant Professor, Dept. of AEIE Prof. Anoarul Islam, Assistant Professor, Dept. of ECE

Tenure:

The tenure of the abovementioned Committee is two (2) years from the date of publication of this Circular or till further notice, whichever is earlier.

Roles and Responsibilities:

The Grievance Redressal Committee is expected to function in accordance with the following Roles and Responsibilities:

- Provide responsive, accountable and easily accessible machinery for settlement of grievances
- Take measures to ensure expeditious settlement of grievances of students and employees in order to maintain a harmonious educational atmosphere in the institute
- Deal with complex situations in a fair and tactful manner in order to lessen the condition felt to be oppressive or dissatisfied
- Encourage the students and employees to express their grievances / problems freely and frankly, without any fear of being victimised
- Support, those students who have been deprived of the services offered by the College, for which he/she is entitled

- Make officials of the College responsive, accountable and courteous in dealing with the students



Dr Ayan Chakraborty
Principal-in-Charge

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TECHNO INTERNATIONAL NEW TOWN**(FORMERLY KNOWN AS TECHNO INDIA COLLEGE OF TECHNOLOGY)**DG-1/1, Action Area-I, New Town, Kolkata -- 700156**CIRCULAR****Ref No. TINT/CIR/COMM-14/2024****Date: 05.07.2024.**

This is for the information of all faculty members, staff and students that the **Internal Complaints Committee** of the Institution is being revised as follows:

- Chairperson: Dr Ayan Chakraborty, Principal-in-Charge
- Convenor: Dr Sayantika Bose Chakraborty, Associate Professor & Head,
Dept. of BSH
- Members: Dr Ipsita Patranobis, Associate Professor, Dept. of MBA
Dr Anindita Ray, Assistant Professor, Dept. of BSH
Prof. Satabdi Chatterjee, Assistant Professor, Dept. of EE
Prof. Prabir Biswas, Assistant Professor, Dept. of ME
Prof. Jayati Chatterjee Pandey, Assistant Professor, Dept. of ECE
Prof. Sanjukta Bhattacharya, Assistant Professor, Dept. of IT
Prof. Arghya Kusum Das, Assistant Professor, Dept. of CSE
Prof. Momit Ar Rashid, Assistant Professor, Dept. of CE
Prof. Hemanta Dey, Assistant Professor, Dept. of MCA

Tenure:


The tenure of the abovementioned Committee is two (2) years from the date of publication of this Circular or till further notice, whichever is earlier.

Roles and Responsibilities:

The Internal Complaints Committee is expected to function in accordance with the following Roles and Responsibilities:

- Prevent discrimination and sexual harassment, by promoting gender equality among students and employees
- Make recommendations to the Head of the Institution for changes/elaborations in the Rules for students in the Prospectus and the Bye-Laws with an objective to promote an inclusive environment towards all genders
- Lay down procedures for the prohibition, resolution, settlement and prosecution of acts of discrimination and sexual harassment, by the students and the employees

- Deal with cases of discrimination and sexual harassment against women, in a time-bound manner, aiming at ensuring support services to the victimised and termination of the harassment
- Recommend appropriate punitive action against the guilty party to the Head of the Institution



Dr Ayan Chakraborty
Principal-in-Charge

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ANNEXTURE-E

TECHNO INTERNATIONAL NEW TOWN
(FORMERLY KNOWN AS TECHNO INDIA COLLEGE OF TECHNOLOGY)

Schedule Caste / Schedule Tribe Committee

NOTICE

Date: 17/01/2020

This is for the kind information of all faculty members, students and staff of Techno International New Town, that a Schedule Caste/Schedule Tribe Committee has been formed for the Academic Session 2019-20 comprising of the following members w.e.f. 17/01/2020 :

1. Dr. R. T. Goswami, Director, Convenor
2. Dr. Mala Mitra, BSH, Co-Convenor
3. Dr. Milan Bose, EE, Member
4. Prof. Sayantika Bose Chakraborty, BSH, Member
5. Prof. Nantu Das, AEIE, Member
6. Mr. Bibhuti Sarkar, , Member
7. Ms. Puja Bhatta, EE, Member

The primary role of the Committee shall be to improve the status of SC/ST students socially and educationally so that they can take their rightful place in the mainstream of society.

.....
(Dr. R. T. Goswami, Director, TINT)

Dr. R. T. Goswami
Director
Techno International New Town
BLCOX - Dd. ACIO - AN-4, T. No. 1, New Town,
KOLKATA - 700 156

TECHNO INTERNATIONAL NEW TOWN**(FORMERLY KNOWN AS TECHNO INDIA COLLEGE OF TECHNOLOGY)**DG-1/1, Action Area-I, New Town, Kolkata -- 700156**CIRCULAR****Ref No. TINT/CIR/COMM-01/2024****Date: 02.07.2024.**

This is for the information of all faculty members, staff and students that the **Internal Quality Assurance Cell (IQAC)** of the Institution is being revised as follows:

- Chairperson: Dr Ayan Chakraborty, Principal-in-Charge
- Coordinator: Dr Swagata Paul, Associate Professor & Head, Dept. of CSE
Academic Coordinator
- Co-coordinator: Dr Ayindrila Roy, Assistant Professor, Dept. of EE
- Management Representative: Mr Arun Kumar Ghosh, Director, Techno India Group
- Members: Dr Suman Chatterjee, Director, Techno India Group
Mr Arijit Dutta, Compliance Officer, Techno India Group
Prof. (Dr) Milan Basu, Professor & Head, Dept. of EE
Prof. (Dr) Tapas Kumar Nandi, Professor & Head, Dept. of ME
Dr Sanjoy Das Neogi, Associate Professor & Head, Dept. of CE
Prof. Indrajit Pandey, Assistant Professor & Head, Dept. of AEIE
Dr Subhankar Bhattacharjee, Associate Professor, Dept. of ECE
Dr Papiya Debnath, Associate Professor, Dept. of BSH
Dr Anwasha Dutta Ain, Assistant Professor, Dept. of BSH
- External Members: Mr Manish Sahu, Vice-President, Kreeti Technologies
Mr Neeladri Chatterjee, Senior Software Architect,
Sterlight Technologies
Dr Champak Bhattacharya, IPS
- Student Representative: Diptam Mukhopadhyay, CSE, 2022-26 Batch
- Alumni Representative: Piyush Kumar, Senior Software Engineer,
Transaction Network Services
- Guardian Representative: Mr Jaydev Mukherjee, Executive Engineer,
Irrigation & Waterways, Government of India

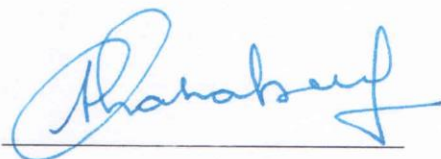
Tenure:

The tenure of the abovementioned Committee is two (2) years from the date of publication of this Circular or till further notice, whichever is earlier.

Roles and Responsibilities:

The IQAC is expected to function in accordance with the following Roles and Responsibilities:

- Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks
- The relevance and quality of academic and research programmes
- Equitable access to and affordability of academic programmes for various sections of society
- Optimization and integration of modern methods of teaching and learning
- The credibility of evaluation procedures
- Ensuring the adequacy, maintenance and functioning of the support structure and services
- Research sharing and networking with other institutions in India and abroad



Dr Ayan Chakraborty
Principal-in-Charge

Cc to: IQAC
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**Government Of West Bengal
Office Of The Director General
West Bengal Fire & Emergency Services
13D, Mirza Ghalib Street, Kolkata - 16**

Memo no.:IND/WB/FES/20192020/58021

West Bengal Fire & Emergency Services

**To: Techno India College of Technology
Block DG, Plot NO.-1/1/DG, New Town Mega City, Rajarhat, Dist.- North 24-Pgs, Kolkata-700159.**

Sub: Renewal of Fire Safety Certificate for the occupancy of the G+ IV storeyed under group Educational Building, in the name and style as "Techno India College of Technology" at the premises no. Block DG, Plot NO.-1/1/DG, New Town Mega City, Rajarhat, Dist.- North 24-Pgs, Kolkata-700159.

This is in reference to your application no. 0125191221100486 dated 22-07-2022 regarding the Renewal of Fire Safety Certificate for the occupancy of the G+ IV storeyed under group Educational Building, in the name and style as "Techno India College of Technology" at the premises no. Block DG, Plot NO.-1/1/DG, New Town Mega City, Rajarhat, Dist.- North 24-Pgs, Kolkata-700159.

The performance of the Fire Fighting System as incorporated in the buildings were tested at random and found satisfactorily working condition. In view of the above this office is releasing the Renewal of Fire Safety Certificate for occupancy of the aforesaid building.

However to up-keep the Fire Safety Measure of the aforesaid building the following safety measures need to be

However, to up-keep the Fire Safety Measure of the aforesaid building, the following safety measures need to be

- 1) Entrance / Exit and Driveway must be free of any type of obstruction for EASY movement of Fire Appliances. No parking shall be allowed on the Drive way.
- 2) The Interior finish decoration of the building shall be made with low flame spread material confirming relevant I.S.
- 3) To eliminate risk of Fire Hazards, Good House Keeping both for inside and outside of the building shall be strictly

Date: 11-10-2022

From:
Divisional Fire Officer
Fire Prevention Wing,

incorporated / maintained.

Recommendation:

incorporated / maintained:

Specification.

maintained.

- 4) Existing Electrical wiring of the whole building shall have to be carefully checked for any wear and tear in them, particularly lines above false ceiling & ducts. If required the old electrical lines shall have to be replaced with new lines. The cables shall always be laid in M.S. conduit pipes continuously bonded to the earth.
- 5) All the vertical and horizontal ducts including all electrical ducts to be sealed by approved fire-resistant materials.
- 6) Each and every occupied unit shall be within the reachable limit of respective Hose reel hoses.
- 7) The notice of Fire Fighting and Evacuation from the building shall be prepared and displayed at all vulnerable places of the building.
- 8) Transformer, Switch Gear room and electrical panel room, electrical main and meter room shall be protected with automatic Fire detection and suppression system conforming relevant I.S. Specification.
- 9) A Fire control room including a closed circuit T.V. system shall have to be maintained round the clock which observe all floors of the building.
- 10) Mock Fire Practice and evacuation drill shall be performed periodically with participation of all the employees and security personnel along with students by the guidance of head of Institution. Records of the same must be kept properly.
- 11) Chemicals used in laboratory must be kept in separate isolated stores in proper sealed containers. Laboratory Assistants must be alert for its maintenance during closing by lock and key after class hours for any spillage, fumes, loosen caps, corrosive materials, acids, main valves for Bunsen Burners etc.
- 12) The employees and security staff shall be conversant with installed Fire Fighting equipments of the building and to operate in the event of Fire and Testing.
- 13) First-Aid Fire Fighting system shall be maintained as per I.S. Specification.
- 14) Periodical flashing of water from water based suppression system shall be made to maintain the efficient working performance of above mentioned system.
- 15) A crew of trained Fireman under an experienced officer shall be maintained round the clock for safety of the building.
- 16) Arrangement shall have to be made for regular checking, testing, and maintenance of all the Fire Fighting installation in the building to keep them in perfectly good working condition at all the times.
- 17) The management of the organization / building, as the case may be, shall maintain the fire prevention and safety measures in good repair and in efficient condition at all the times, which are installed in the building, for use at the time of fire or other emergencies.
- 18) Adequate numbers of fire escape must shall have to be maintained.
- 19) Suitable smoke venting arrangement of the entire building shall be maintained round the clock.
- 20) Fire Safety audit and Electrical Safety audit shall have to be conducted at regular interval.
- 21) This Renewal of Fire Safety Certificate is valid for 03 (Three) Years from the date of issuance of the same and has to be renewed within validity limit.
- 22) Accordingly, a certificate is to be obtained from the Director General, West Bengal Fire & Emergency Services regarding performance of all the Fire and Life Safety arrangements and installations of the building.

Signature  Not Verified

Digitally signed by NIHAR

RANJAN ROY

Date: 2022.10.11 13:23:26 IST

Divisional Fire Officer
West Bengal Fire & Emergency Services

ANNEXTURE-H

S.No	Course	Laboratory /Workshop	Total Area of Lab/Workshop	Major Equipment
1	B.Tech	Microwave Lab	200 Sq. M.	Klystron Power Supply VSWR Meter Klystron tube with Klystron mount Gunn Oscillator PIN Modulator Isolator Variable Attenuator Frequency Meter Slotted Section Tunable Probe Movable Short Matched Terminator Detector Mount SS Tuner Phase Shifter Precision Short E Plane H Plane Magic Tee 3 d B Coupler 10 d B Coupler 20 d B Coupler Liquid Dielectric Cell Solid Dielectric Cell BNC to BNC Cable TNC to TNC Cable Cooling Fan Stand

				<p>Patchcord</p> <p>BNC Cable</p> <p>Pierce Crystal Oscillator trainer kit</p> <p>Band Pass and Band Reject filter kit</p> <p>NPN Colpitt's crystal Oscillator kit</p> <p>Hartley LC Oscillator kit</p> <p>Mixer Circuit</p> <p>Low Pass and High Pass filter Kit</p> <p>Clapp Oscillator Kit</p> <p>Tuned Amplifier</p> <p>IF Amplifier</p> <p>3Ghz spectrum analyser</p> <p>Micro strip component module</p>
2	B.Tech	Digital Electronics Lab	200 Sq. M.	<p>Digital Trainer Kit</p> <p>Digital Trainer Kit</p> <p>4 Bit Adder & Subtractor Kit</p> <p>Digital to Analog Conversion Kit</p> <p>Digital Multimeter</p>
3	B.Tech	Microprocessor Lab	200 Sq. M.	<p>Microprocessor (8085) ESA kit with power supply</p> <p>Microprocessor (8085) Dynalog kit with power supply</p> <p>8086 microprocessor kit (Diana Log)</p> <p>Interfacing Kits</p> <p>Eprom Eraser</p> <p>ESA-86/88-2 with nicol battery, multioutput power supply, RS -232 cable, driver software</p> <p>ESA86-3 with nicol battery, pc keyboard, multi output power supply, RS -232 cable, driver software</p> <p>ESA make 8255 study card with adapter</p> <p>ESA make model IF-8A0C 12M ADC Interface</p> <p>ESA make DC motor interface</p> <p>ESA make Temperature Display Interface</p>

4	B.Tech	Sensor & Transducer Lab	200 Sq. M.	LVDT PHOTO RESISTOR THERMISTOR(Partially working) LOAD CELL STRAIN CANTILEVER DIGITAL MULTIMETER
5	B.Tech	Analog Electronics Lab	200 Sq. M.	OSCILLOSCOPE DC regulated power supply Cathode Ray Oscilloscope Function Generator (5Mhz) 4/8 Bit Analog to digital converter 4/8 Bit Digital to Analog converter 3.75 Digit Digital Multimeter FET Characteristics Trainer Kit
6	B.Tech	Basic Electronics Lab	200 Sq. M.	FET Characteristics Trainer kit Function Generator CRO CRO Probe Ammeter (0 - 50) m A Ammeter (0 - 100) m A Ammeter (0 - 200) m A Ammeter (0 - 500) m A Ammeter (0 - 200) μ A Voltmeter (0 - 2) V Voltmeter (0 - 20) V Digital Multimeter Power supply (0 - 15) V Power supply (0 - 30) V
7	B.Tech	Communication Lab	200 Sq. M.	DC regulated power supply Cathode Ray Oscilloscope

				<p>Distortion meter</p> <p>Function Generator (2Mhz, 5Mhz,100μhz to 40 Mhz)</p> <p>Frequency Modulation & Demodulation trainer kit</p> <p>TDM Pulse Code Modulation Tx Trainer kit</p> <p>TDM Pulse Code Modulation Rx Trainer kit</p> <p>2 channel Digital Storage Oscilloscope colour</p> <p>4 channel DSO</p> <p>Digital Storage Oscilloscope monochrome</p> <p>DSB - SSB Transmitter</p> <p>DSB - SSB receiver</p> <p>Data conditioning & Carrier Modulation kit</p> <p>Data conditioning & Reconditioning kit</p> <p>3Mhz Spectrum Analyzer</p> <p>PCM kit</p> <p>PCM demodulation kit</p> <p>QPSK/DQPSK modulation kit</p> <p>QPSK/DQPSK demodulation kit</p> <p>AM transmitter kit</p> <p>AM receiver kit</p> <p>Delta Modulation and Adaption Delta Modulation kit</p>
8	B.Tech	DSP & VLSI Lab	200 Sq. M.	<p>T1 model TMS 3206 5416 based DSPstarter kit with power supply & software.</p> <p>TI model TMS 3206 6713 based DSP starter kit with power supply & software.</p> <p>T1 model TMDCCS .,all code composer studio software.</p> <p>INSTAKE make model GFG-3015 programmable 15Hz Function Generator with manual mains chord.</p> <p>INSTAKE make model GDS-2102 100MHz digital storage oscilloscope with color TFT display.</p> <p>MATLAB DVD KIT FOR PC & UNIX,RELEASE R2008A</p> <p>MATLAB</p> <p>SIMULINK</p>

				<p>SIGNAL PROCESSING BOX</p> <p>SIGNAL PROCESSING BLOCKSET</p> <p>CONTROL SYSTEM TOOLBOX</p> <p>SIMULINK CONTROL DESIGN</p> <p>Xilinx Model US-ISEFND:ISE software</p> <p>Xilinx Model DO-SIM VHDL-KEY Modelsim</p> <p>Xilinx Edition VHDL Simulator Parallel dongle lincense</p> <p>FPGA KIT-SPARTAN-3</p> <p>Mentor HEP 1 and 2 CD (3 yrs 10 users license)</p> <p>Xilinx System Edition CD</p> <p>XUP Spartan 3E starter kit</p>
9	B.Tech	Propagation and Antenna Lab	200 Sq. M.	<p>Transmission line trainer kit</p> <p>R.F Antenna trainer kit</p> <p>Antenna trainer kit with micro-wave bench</p> <p>Cathode Ray Oscilloscope</p>
10	B.Tech	Telemetry & Remote control Lab	200 Sq. M.	<p>Frequency telemetry system with load cell trainer, voltage to frequency transmitter, frequency to voltage receiver.</p> <p>Frequency division demultiplexer trainer kit.</p> <p>PCM system with LVDT trainer, Pulse code modulation trainer, Pulse code demodulation trainer kit</p>
11	B.Tech	C Language Lab-1(Lab1)	200 Sq.M	30 Nos. of PC with Duel core ,2GB of RAM, 500 GB HDD
12	B.Tech	DBMS Lab(Lab2)	200 Sq.M	40 Nos. of PC with Core i3 ,4GB of RAM 500 GB HDD
13	B.Tech	OS Lab(Lab3)	200 Sq. M	40 Nos. of PC with Duel core, 2GB of RAM, 250 GB HDD
14	B.Tech	Web Tech Lab(Lab4)	200 Sq. M	30 Nos. of PC with i3 ,4GB of RAM 500 GB HDD
15	B.Tech	Networking Lab(Lab5)	200 Sq. M	30 Nos. of PC with Duel core ,2GB of RAM, 320 GB HDD
16	B.Tech	Project Lab(Lab6)	200 Sq. M	30 Nos. of PC with Duel core ,2GB of RAM, 500 GB HDD

17	B.Tech	C Language LabII(Lab7)		30 Nos. of PC with P-IV ,1GB of RAM, 40 GB HDD
18	B.Tech	Engineering Chemistry	200 Sq. M.	Chemical Balance(Ordinary)
				Electronic Balance
				Heating mantle
				PH Meter
				Conductometer
				Viscometer
				Mechanical Shaker
				Computer
19	B.Tech	Engineering Physics	200 Sq. M.	Young's Modulus Apparatus
				Modulus of rigidity apparatus(Dynamic) (present but not working)
				Modulus of rigidity apparatus(Static)
				Lee's apparatus
				Poissuille's apparatus
				Newton Ring apparatus
				Dispersive power spectrometer
				Laser diffraction spectrometer
				Carrey Foster Bridge
				Dielectric constant measuring set
				Travelling Microscope
				Spectrometer
				Sodium Vapour Lamp
				Semiconductor Laser
				Biprism
				Grating(1000LPCM)
CRO				
Sq. wave generator				

				Digital Null Detector
				Thomson's method apparatus (the apparatus is present but in not working)
				Planck's constant with photocell apparatus
				Hall coefficient of semiconductor apparatus
				Band gap measurement apparatus
				Rydberg constant by Hydrogen spectrum
				ESR measurement apparatus(apparatus present but not working)
				Study of solar cell apparatus
				Numerical aperture & energy loss related to optical fibre
				Stefan's radiation constant measurement apparatus
20	B.Tech /M.C.A	English Language(2)		<ul style="list-style-type: none"> ◆VGA Multiplier : 2 pcs ◆ Ahuja make cassette recorder : 1pc ◆ Ahuja make amplifier model: 2 pcs ◆Ahuja make speaker model : 8 pcs ◆ Microphone make SHURE PG 48: 2 pcs ◆Wireless microphone:1pc Desktop Computer (2)
21	B.Tech (ME)	Workshop	2700 Sqft	<ul style="list-style-type: none"> • Centre Lathes • Milling machines • Pillar type Drilling machine • Shaper Machine • Arc welding set up • Spot welding set up • GMAW set up • Wood turning lathe • Open hearth furnace
22	B.Tech (ME)	Machine Drawing-I Lab	700 Sqft	The Lab is well decorated with drawing boards & drawing instruments.

23	B.Tech (ME)	Applied Mechanics Lab	600 Sqft	<ul style="list-style-type: none"> • Universal Testing Machine • Torsion Testing Machine • Brinell hardness tester
				<ul style="list-style-type: none"> • Spring Stiffness Tester [Spring Testing Machine Digital (200kg Cap)] • Experimental Setup for Bend and rebend Test of Flat Test Pieces. • Strain gauge • Brinell Microscope
24	B.Tech (ME)	Fluid mechanics & Hydraulic Machines Lab	600 Sqft	<ul style="list-style-type: none"> • Venturimeter • Notch and Weirs setup • Pitot Tube • Bernoulli Theorem Apparatus • Reynold's experiment Apparatus • Pelton turbine • Reciprocating Pump • Centrifugal pump • Darcy's friction factor apparatus
25	B.Tech (ME)	Material Testing Lab	600 Sqft	<ul style="list-style-type: none"> • Impact Testing Machine • Cupping Testing Machine • Fatigue Testing Machine • Metallurgical Microscope • Muffle Furnace • Dye Penetration Test Setup • Magna flux Test Setup • Eddy Current Test Setup
26	B.Tech (ME)	Applied Thermodynamics & Heat Transfer Lab	600 Sqft	<ul style="list-style-type: none"> • Shell and tube Heat exchanger • Single acting reciprocating air Compressor • Combined separating & throttling calorimeter • Emissivity test apparatus • Pin Fin Apparatus • Thermal conductivity test apparatus for metal plate and Insulating Powder
27	B.Tech (ME)	Design practice	600 Sqft	<ul style="list-style-type: none"> □ Drawing boards & drawing instruments & well equipped CAD laboratory

28	B.Tech (ME)	Metrology & Measurement Lab	600 Sqft	<ul style="list-style-type: none"> • Vernier caliper • Digital Vernier caliper • Vernier height & depth gauge • Digital micrometer • Thread gauge • Radius gauge
				<ul style="list-style-type: none"> • Filler gauge • Vernier bevel protractor • Sine-bar and slip gauges • Angle gauges, Dial gauge • Strain Gauge • Profile projector
29	B.Tech (ME)	Machining & Machine Tools Lab	600 Sqft	<ul style="list-style-type: none"> • Lathe Machine • Milling Machine • Drilling Machine • Shaping Machine • Lathe tool dynamometer • Thermocouple (8 channel) • Tool maker's microscope
30	B.Tech (ME)	IC Engine Lab	600 Sqft	<ul style="list-style-type: none"> • 4 Stroke Diesel Engine with Rope Brake dynamometer and electrical load box arrangement • Multi cylinder Petrol Engine with Rope brake dynamometer • Single cylinder 4-stroke diesel engine with Eddy current dynamometer • Cut section model of 2-stroke and 4 stroke petrol and diesel engine • Bomb calorimeter • ORSAT Apparatus

31	B.Tech (ME)	Dynamics of Machines Lab	600 Sqft	<ul style="list-style-type: none"> • Governor (Watt, Porter, Proell, Hartnell) • Gyroscope • CAM Mechanism • Vibration Testing Machine • Reciprocating Machine
32	B.Tech (ME)	Air Conditioning & Refrigeration Lab	600 Sqft	<ul style="list-style-type: none"> • Cut Section of Window Type Room Air Conditioner • Thermoelectric Refrigeration apparatus • Vapour Compression Refrigeration apparatus • Air Conditioner Test Rig
33	B.Tech (ME)	Design Practice – II Lab	650 Sqft	<ul style="list-style-type: none"> • Auto cad 2016 • Creo 3.0 • Ansys Fluent 13.0

34	B.Tech (ME)	Advanced Manufacturing Technology Laboratory	600 Sqft	<ul style="list-style-type: none"> • CNC Lathe • CNC Milling • Six axis educational ROBOT
35	B.Tech (ME)	Thermal Power Lab (ME (EE)481)	500 Sqft	<ul style="list-style-type: none"> • Cut Model of Fire Tube Boiler(Cochran Boiler, Lancashire boiler, Locomotive Boiler) • Cut Model of Water Tube Boiler (Babcock Wilcox Boiler) • Cut section Model of 2 Stroke & 4 Stroke Petrol & Diesel Engine • 4 Stroke Diesel Engine with Rope Brake dynamometer and electrical load box arrangement • ABEL Flash Point and Fire Point apparatus • Cloud Point & Pour Point apparatus • Bomb calorimeter • Separating and Throttling Calorimeter

36	B Tech Civil Engg.	Soil Mechanics Lab-I &II	8.8 m X 7.47 m (Combined Lab)	<ol style="list-style-type: none"> 1. Thermostatically control Dry air oven 2. Digital weighing Balance of 10 kg capacity (least count 0.1gm) 3. Digital weighing Balance of 0.51 kg capacity (least count 0.001gm) 4. Pycnometers and Density bottles for specific gravity determination 5. Hydrometer with accessories for sedimentation analysis 6. Pipette with accessories for sedimentation analysis 7. Set of sieves for grain size analysis 8. Casagrande's Liquid Limit apparatus 9. Shrinkage limit apparatus 10. Permeameter along with mould assembly, set of stand pipes, constant head tank and other accessories 11. Standard proctor test apparatus 12. Field density testing apparatus by sand replacement and core cutter method 13. Vane shear testing apparatus 14. Unconfined compression testing apparatus 15. Direct shear test apparatus 16. Tri-axial testing apparatus 17. Consolidation testing apparatus
37	B Tech Civil Engg.	Solid Mechanics Lab	9 m X 9 m (Housing the Open Channel Flow Apparatus of	<ol style="list-style-type: none"> 1. Universal Testing Machine 2. Torsion Testing Machine 3. Impact Testing Machine 4. Fatigue Testing Machine 5. Brinell Hardness Testing Machine

			Fluid Mechanics Lab)	
38	B Tech Civil Engg.	Environmental Engineering Lab	8.8m X 7.47m (Combined with Engineering Geology Lab and Highway & Transportation Engg. Lab)	<ol style="list-style-type: none"> 1. pH Meter 2. D.O. Meter 3. μC Colorimeter 4. Conductivity Meter 5. BOD Incubator 6. Jar Test Apparatus 7. Turbidity Meter 8. Titration Apparatus
39	B Tech Civil Engg.	Surveying Practice (I & II)	3.7 m X 2m	<ol style="list-style-type: none"> 1. Transit Vernier Theodolite 2. Dumpy Level 3. Total Station 4. Plane Table 5. Prismatic Compass

40	B Tech Civil Engg.	Fluid Mechanics Lab	9 m X 9 m	Adjustable channel /Tilting flume (comprising of Pitot Tube, Trapezoidal Weir, V-Notch, Rectangular Notch and Orificemeter Arrangements)
41	B Tech Civil Engg.	Engineering Geology Lab	8.8m X 7.47m (Combined with Environmental Engineering and Highway & Transportation Engg. Lab)	1. Microscope
42	B Tech Civil Engg.	Concrete Technology Lab	10m X 7.47m	1.Set of Sieve for grain size analysis of Fine & Coarse aggregate 2.Rebound Hammer 3. Standard balance(Max. capacity 1 KG) 4. Le-Chatelier apparatus 5. Vicat apparatus with 10 mm dia plunger 6. Compressive testing machine 7. Weight balance (Max. capacity100 KG) 8. Drying air oven 9. Flexural testing machine 10. Water bath
				11. Vibration machine 12. Vee-bee consistometer 13. Compaction factor apparatus 14. Sieve shaker 15. Air permeability apparatus 16. Slump cone with accessories 17. Vibrator with nozzle 18. Bulk density measuring cylinder (3 lt. & 15 lt. capacity) 19. Set of mould (150x150x150 mm & 70.7x70.7x70.7 mm)

43	B Tech Civil Engg.	Highway & Transportation Engg. Lab	8.8m X 7.47m (Combined with Environmental Engineering and Engineering Geology Lab)	<ol style="list-style-type: none"> 1. Aggregate Impact tester with automatic blow counter as per IS 2386(PART-IV) 2. LOS angles abrasion testing machine as per IS 2386 (P-IV) 3. Water absorption, density basket as per IS 2386 4. Flakiness index as per IS 2386(P-1) & Elongation index as per IS 2386(P-1) 5. Standard penetrometer as per IS 1203 6. RING & BALL apparatus 7. Loss on heating test on bitumen with digital temp. controller-cum-indicator 8. Pensky Martin flash point tester closed cup 9. Stripping value test appt. 10. Bitumen laboratory mixer 11. Laboratory CBR test apparatus 12. Marshall stability and compaction as per ASTM D 1559 13. High sensitivity proving ring 2500/3000KG cap. 14. Benkleman beam appt.
44	B.Tech	BASIC ELECTRICAL ENGINEERNG LABORATORY	200 sq.m	<ol style="list-style-type: none"> 1. Characteristics of Fluorescent lamps (2 Setup) <ol style="list-style-type: none"> i) single phase variac (max 2A) ii) unity p.f. wattmeter

				<p>2. Characteristics of Tungsten and Carbon filament lamps (2 Setup)</p> <p>3. Verification of Thevenin's theorem. (2 Setup)</p> <p>4. Verification of Norton's theorems.</p> <p>5. Verification of Maximum power theorem. (2 Setup)</p> <p>6. Verification of Superposition theorem (2 Setup)</p> <p>7. Calibration of ammeter and voltmeter. (2 Setup) 8.</p> <p>Study of R-L-C Series circuit</p> <p>i) AC single phase variac ii)</p> <p>Rheostst 2A,125A</p> <p>9. Study of R-L-C parallel circuit (2 Setup)</p> <p>10. Open circuit and Short circuit test of a single phase Transformer.</p> <p>i) transformer 1kva ii)</p> <p>variac single phase (8A)</p> <p>iii) low p.f. wattmeter</p> <p>11. Open circuit and Short circuit test of a single phase Transformer.</p> <p>i) transformer 1kva ii)</p> <p>variac single phase (8A)</p> <p>iii) low p.f. wattmeter</p> <p>12. Starting and reversing of speed of a D.C. shunt</p> <p>i) starter 2.5 h.p.</p> <p>ii) Tachometer iii)</p> <p>dc shunt motor</p> <p>13. Speed control of DC shunt motor. (2 Setup)</p> <p>14. Measurement of power in a three phase circuit by two wattmeter method. (2 Setup)</p>
45	B.Tech	Electrical Electronics measurement lab	200 sq.m	<p>1. Calibrate moving iron and electro-dynamometer type ammeter/voltmeter(using kit)</p> <p>2. Calibrate dynamometer type wattmeter by potentiometer (using kit)</p>

				<ol style="list-style-type: none"> 3. Calibrate A.C. energy meter 4. Measure the resistivity of material using Kelvin double bridge 5. Measurement of power using instrument transformer 6. Measurement of power in polyphase circuits(using kit) 7. Measurement of frequency by wein bridge (using kit) 8. Measurement of inductance by Anderson bridge(using kit) 9. Measurement of capacitance by de-sauty bridge(using kit) 10. Calibration of moving iron and electro-dynamometer type ammeter/voltmeter by potentiometer
46	B.Tech	Electrical machine lab-II	200 sq.m	<ol style="list-style-type: none"> 1. Different method of starting of 3- Φ squirrel cage induction motor & their comparison (D.O.L, STAR DELTA, & AUTO TRANSFORMER) (Setup). 2. Speed control of 3- Φ squirrel cage by different methods & their comparison (voltage, frequency) (Setup). 3. Determination of regulation of an alternator by synchronous impedance method (Setup). 4. Determination of magnetic characteristics of an alternator (Setup) 5. Load test on 1 - Φ Induction motor & deriving its performance characteristics (Setup). 6. Study the various connections of 3- Φ, 6 coil alternator & its operating characteristics at no-load (Setup). 7. To determine the direct axis reactance (XD) & quadrature axis reactance (XQ) (Setup). 8. Load test on a wound rotor induction motor & its performance characteristics (Setup). 9. Determination of equivalent circuit parameters of 1- Φ Induction motor (Setup). 10 To make connection diagram of full pitch slot winding of a 18 slots squirrel cage induction motor for 6 pole & 4 pole operation (Setup) 11. D.C power supply 12. 3 - Φ Inductive load 220volt, 6Amp

				<p>13. 3- Φ Capacitive load box 6Amp, 5 steps</p> <p>14. 3- Φ Resistive load box 6Amp, 5 steps</p>
47	B.Tech	Electrical drives lab	200 sq.m	<p>1. D.C chopper drive</p> <p>2. SCR control drive dual converter</p> <p>3. TRIAC control 1ph. Induction motor drive</p> <p>4. Thyristor controlled DC Drive.</p> <p>5. V/f control operation of 3Φ induction motor drive</p>
48	B.Tech	Electrical machine lab-I	200 sq.m	<p>1. Study of the characteristics of a self-excited D.C generator (Setup).</p> <p>2. Study of the characteristics of a D.C shunt motor (Setup).</p> <p>3. Study of the characteristics of a compound D.C generator (short shunt) (Setup)</p> <p>4. Measurement of the speed of a D.C series motor as a function of load torque(Setup).</p> <p>5. Polarity test of 1- Φ transformer (Setup).</p> <p>6. Study of the different connection of 3- Φ transformer (Setup).</p> <p>7. Study of the equivalent circuit of 3- Φ induction motor by no load and blocked rotor tests (Setup).</p> <p>8. Study of the performance of wound rotor induction motor (Setup)</p> <p>9. Resistive load box</p> <p>10. Power supply input 3- Φ 400 volts A.C. Output 220 volts D.C 40 Amp.</p>
49	B.Tech	Circuit Theory Laboratory	200 sq.m	<p>1. Determination of Impedance (Z) and Admittance (Y) parameter of two port network by Experimental Kit</p> <p>2. High Pass and Low Pass Experimental Kit</p> <p>(a) A.C Micro voltmeter</p> <p>(b) Function Generator</p> <p>3. Transient Response study</p> <p>RC Circuit Experimental Kit</p> <p>(a) CRO.</p> <p>4. Transient Response study</p>

				<p>RLC Circuit Experimental Kit</p> <p>(a) CRO.</p> <p>5. Frequency Response B.P and B.R Experimental Kit.</p> <p>(a) A.C Microvoltmeter (b) AF Oscillator</p> <p>6. Resonance RLC test kit</p> <p>7. Active filter Kit</p> <p>(a) DSO</p> <p>8. Computer for MATLAB</p>
50	B.Tech	Power Electronics Laboratory	200 sq.m	<ol style="list-style-type: none"> 1. Study of VI Characteristics of an SCR. 2. Study of VI Characteristics of a TRIAC. 3. Study of Different Triggering Circuit for Thyristors. 4. Study of UJT Triggering Circuit. 5. Study of Firing Circuit for Phase half Control Converters 6. Study of Single Phase half Control Bridge Converter with Two SCR, two Diodes. 7. Study of Single Phase full Control Bridge Converter with Four SCRs. 8. Study of Single Phase AC/DC Uncontrolled Converter Circuit with and without source inductance. 9. Study of Single Phase AC to Controlled DC Converter Circuit with and without source inductance. 10. Study of step down chopper
51	B.Tech	Electrical System Design Laboratory	200 sq.m	<ol style="list-style-type: none"> 1. Dismantled 3 –Φ Squirrel cage Induction motor 2. Dismantled 3 –Φ Slip-ring Induction motor 3. Dismantled D.C. motor 4. Coil winding machine
52	B.Tech	Control System Laboratory	200 sq.m	<ol style="list-style-type: none"> 1. Computer(CPU along with monitor and keyboard) 2. MATLAB(Version -7)(Software) 3. Determination of step response for first order & second order system with unity feedback on CRO & calculations of control system specifications like time constant, % peak overshoot, settling time etc., from the

				<p>response process control simulator: [PCS -01] (for linear system & pid study)</p> <ol style="list-style-type: none"> 4. Study practical position control system & determination of control system specifications for variation of system parameters. DC motor position control system [ITB-PECO1] 5. Dual trace digital storage oscilloscope 6. DC Motor position control system with analog & digital PID controller. 7. 36 Nos. of P.C. 8. Hardware kit for studying Non-linearity
53		Power system Lab	200 sq.m	<ol style="list-style-type: none"> 1.Experimental set up to determine generalized constants ABCD parameters of long transmission line 2. Experimental arrangement for simulation of DC power distribution network 3. Experimental set up to measure earth resistance by earth tester 4. Experimental set up to measure dielectric strength of oil 5. Experimental set up to measure break down strength of solid insulating material 6. Experimental set up for power cycle diagram of transmission line 7.display different type of insulators 8. Experimental set up for active and reactive power control of three phase alternator 9. Experimental set up to measure dielectric constants of transformer oil 10. Experimental working table. 11. MyPower software version 6 – GUI, Power load flow analysis, power short circuit study, power transient stability study, power system study etc.
54	B.Tech	Industrial Instrumentation Lab	200 Sq. M.	<p>Dead Weight Pressure Guage Tester ,Model DW 14 range 0.4 to 40 KG/CM2 In stp of 0.1KG/CM2</p> <p>Study In RTD Characteristics Comprising Of</p>
				a) Muffle Furnace 1KW Table Top Type ,make :BML

			<p>b)Temperature sensor PT-100 RTD Make:BML</p>
			<p>c)Honeywell make With PID Controller Model : DC1040PT</p>
			<p>d)Thyristor Power controller Suitable For 2 KW Furnace Make BML</p>
			<p>Measurement Of Velocity Of Flow Of Water Comprising Of</p>
			<p>a)Orifice Plate Suitable For 1 Inch Line Range 0-20 LPM</p>
			<p>b)Honeywell Make Smart DP Transmitter Model : STD120</p>
			<p>c)Honeywell Make 4 Digit LED Indicator Model DC1040</p>
			<p>d)Cromptoni Make single Phase 0.5 HP Pump</p>
			<p>e)Storage Tank Top & Bottom</p>
			<p>f)Local Panel</p>
			<p>g)MS Structural Support</p>
			<p>Measurement Of Velocity Of Flow Of Water Comprising Of</p>
			<p>a)Rotameter Suitable For 1"Line</p>
			<p>Measurement Of Level By Using CapacitiveType Sensor Comprising Of</p>
			<p>a)Levcon Make Capacitive Type Level Transmitter</p>
			<p>b)Honeywell Make 4 Digit Indicator Model :DC1040</p>
			<p>c)Single Phase 0.5 HP Pump</p>
			<p>d)100 LTR Level Tank</p>

				<p>e)Local Panel</p>
				<p>f)MS Structural Support</p>
				<p>Moisture Measurement Using Moisture Balance Test Master Infrared Moisture Balance For determination Of Moisture Contains 0-100% With 2% accuracy</p>
				<p>VISCOSITY MEASUREMENT Saybolt Visco Meter For Determining The Viscosity Of Fuel Oil & Lubricant Oil Through 18/8 Stainless Steel Saybolt flask With Follwing Accessories 1)General Thermometer 10-50° C 2)General thermometer 50-100°C 3)Strainer For Filter Oil 4)Spare Saybolt Flask</p>
55	B.Tech	Process Control Lab	200 Sq. M.	<p>Temperature Control Loop</p>
				<p>a)PID Controller,with RAMP SOAK facility .Model no:DC104PT</p>
				<p>b)SMATRT Temperature Transmitter..model:STT 25 M</p>
				<p>c)24 V DC,2AMP Transmitter power supply</p>
				<p>d)MUFFLE FURNACE,1.5 KW,Table Top type</p>
				<p>e)Temperature Sensor kType Thermocouple</p>
				<p>f)Thyristor Power Controller Suitable for 2KW FURNACE</p>
				<p>g)MTL make signal Distributor</p>
				<p>h)Local panel for mounting Controller signal distributor,24 V DC</p>
				<p>i)Power cable, Instrumentation&Communication,Compensating cable &outher Hardware</p>
				<p>Supply of Pressure Control loop comprising of</p>
				<p>a)Honeywell make PID Controller Model : DC1040</p>

				b)Honeywell make smart pressure transmitter model:STG14L
				c)24 V DC,2AMP Transmitter power supply
				d)MTL make signal Distributor
				e) Dembla make pneumatic control valve with actuator
				f) I/P converter
				g)Aeromatic make compressor
				h) Air filter regulator
				i)Local panel with MS structural Support
				j) Kirloskar make 0.5 HP Pump
				k)Power cable,Instrumentation cable
				Supply of Typical flow control loop Comprising Of
				a)Smart type Electromagnetic flow meter
				b)Honeywell make PID Controller Model : DC1040
				c)MTL make signal Distributor
				d)Dembla make pneumatic control valve with actuator
				e)Local Panel with MS structure support for panel,control valve magnetic meter,water tank etc.
				f) I/P converter
				f)Rotameter
				g)Storage Tank 375 ltr

				h)Overhead tank 225 ltr
				i)Power cable,Instrumentation cable,Flexible Tube & outhter hardware
				j) Kirloskar make 0.5 HP Pump
				Supply of level control loop Comprising Of
				a)Honeywell make Ultrasonic level transmitter.model no :943-F4Y-2D1D0-300E
				b)Honeywell make PID Controller Model : DC1040
				c)MTL make signal Distributor
				d)Honeywell make Electrical Actuated Motorised Valve.model no :ML7421A1032
				e)Small panel with MS structural Support.
				f)100 ltr level tank
				g)Power cable,Instrumentation cable,Flexing accessories
				h) Kirloskar make 0.5 HP Pump
				Study of Typical Duct Air flow Monitoring and control Comprising Of
				a)Centrifugal fan inclined impeller,650NM3/HRFLOW RATE,Static rate Head 250 MM WC
				b)Laminar flow Tunnel with circular cross section of dia 150 MM internally and 5 MTR long
				c)Butterfly Damper at the fan suction
				d)PID Controller Model : DC1040.
				e)Smart Flow Transmitter,Model no :STD 110.
				f)Direct couple damper actuator.

			g)Orifice plate assemble.
			h)AC drive panel Suitable for 0.5 KW AC drive with necessary switch gear item.
			i)1 Hp single phase 230 V AC Motor
			i)1HP single phase 230 V AC motor.
			Honey make PLC loop ML-50 consist of
			a) 8 DI & DO
			b)Logic Building Software
			c)Panel with PLC fixed with 8 no s toggle switch,8 nos of LED,8 ch RELAY card,24 V DC power supply
			d)Lenovo Desktop
			Honey make HC900 hybrid controller comprising of the following
			a)4 I/O slot rack
			b)8 channel analog I/O card
			c)4 channel analog O/P card
			d)C30 CPU
			e)Power supply module
			f)Power cable
			g)Entire hardware is housed in a panel fully wired with all accessories.
			i)HCL makes PC 19" TFT monitor and all accessories like keyboard,mouse etc.Serial no.A097AZ046262

TINT SPORTS FACILITIES

Techno International New Town (formerly known as Techno India College of Technology), has been organizing sports as a big event in extracurricular activities. Exuberance is the Annual Sports Meet of the college. It is a colourful and vigorous three-day affair which engages students in both indoor and outdoor games, as varied as cricket, football, badminton, basketball, carrom, chess, table tennis and athletics.

Recently TINT has organised its annual sports “Exuberance” from 30st March to 1st April, 2022, for all students from first year to fourth year, faculty members and staff of the Institution. There were 288 participants in cricket, 264 in football, 73 in athletics, 21 in badminton, 25 in basketball, 123 in carrom, 100 in chess and 22 in table tennis.

The college’s football and cricket teams take part in regular inter-college tournaments. Winners and top performers from the sports meet also get the opportunity to represent the college at various levels.

The college has an active sports committee which organises and supervises all sports-related activities. Any and all information regarding sports activities are conveyed through this committee only.

There is only one restriction that must be followed at all times. Any practice or training related to sports must be conducted outside of class hours and with relevant permissions from the concerned authority.

Few glimpse of college sports "exuberance".



**Academic Calendar (In-House) for the Academic Session 2023-2024**

No.7.14/MAKAUT/Regis./AC(Cal)/2023/707

Activity	Start Date	End date
Odd Semester 2023-2024		
Commencement of Academic Programs (3 rd , 5 th , 7 th , and 9 th Sem)	19.07.2023	
Enrolment of students (3 rd , 5 th , 7 th , and 9 th Sem)	20.07.23	29.07.23
Commencement and Enrolment of students of 1 st Semester	As Per Admission Dates. Would Be Notified Separately	
Submission of CA1 (All Odd Semesters)	11.08.23	14.08.23
Submission of CA2 & PCA1 (All Odd Semesters)	11.09.23	14.09.23
Anweshan - 2023	18.09.23	22.09.23
Submission of CA3 (All Odd Semesters)	09.10.23	13.10.23
Submission of CA4 & PCA2 (All Odd Semesters)	06.11.23	10.11.23
Pre-Examination Activities (Form fill-up, etc.) Odd Sem 2023-24	17.11.23	25.11.23
Practical, Sessional, Viva-Voce Examinations, and Marks Submission	28.11.23	02.12.23
Theory Examinations (End Semester) for All Odd Semesters 2023-24	04.12.23	22.12.23
Even Semester 2023-2024		
Commencement of Academic Programs (2 nd , 4 th , 6 th , 8 th , and 10 th Sem)	02.01.2024	
Enrolment of students	04.01.24	11.01.24
Submission of CA1 (All Even Semesters)	01.02.24	05.02.24
Submission of CA2 & PCA1 (All Even Semesters)	01.03.24	05.03.24
Submission of CA3 (All Even Semesters)	01.04.24	04.04.24
Submission of CA4 & PCA2 (All Even Semesters)	01.05.24	04.05.24
Pre-Examination Activities (Form fill-up, etc.) Even Sem 2023-24	08.05.24	16.05.24
Practical, Sessional (Except Final Year), Viva-Voce Examinations, and Marks Submission	22.05.24	28.05.24
Theory Examinations (End Semester) for Even Semester 2023-24	03.06.24	22.06.24
Sessional (Final Year Dissertation, Project Presentation, etc.) Examination and Marks Submission	15.06.24	27.06.24
End Semester Exam (for Final Year Students) Marks Submission	23.06.24	28.06.24
<i>Please Note: Submission of CAs for 1st Semester (New Admission Batch for 2023-24) and End Semester Exam Marks Submission for Ongoing Batches of Even Semester 2023-24 will be NOTIFIED LATER through Announcement.</i>		

Dehni

14/7/23

(REGISTRAR)

Partha Pratim Lahiri
RegistrarMaulana Abul Kalam Azad
University of Technology, West Bengal
(Formerly Known as West Bengal University of Technology)
Haringhata, Nadia - 741249, India

ANNEXTURE-K

Enrolment and Placement details of students in the last 3 years:**2023: (Pass out Batch)**

Sl. No.	Name of the Course	Number Of Companies Visited	Number Of Eligible Students	Number Of Students Placed in IT	Number Of Students Placed in Non IT	Total Student Placed (IT+ Non IT)
1.	COMPUTER SCIENCE AND ENGINEERING	150	137	74	6	80
2.	ELECTRONICS AND COMMUNICATIONS ENGINEERING	99	80	50	12	62
3.	ELECTRICAL ENGINEERING	85	100	31	15	46
4.	APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING	86	45	18	4	22
5.	INFORMATION TECHNOLOGY	150	56	41	0	41
6.	MASTERS IN COMPUTER APPLICATIONS	65	66	13	7	20
7.	MECHANICAL ENGINEERING	55	59	12	14	26
8.	CIVIL ENGINEERING	45	56	5	10	15
9.	ELECTRICAL ENGINEERING	2	1	0	0	0
10.	COMPUTER SCIENCE AND BUSINESS SYSTEM	NA	NA	NA	NA	NA
11.	MASTERS IN BUSINESS ADMINISTRATION	NA	NA	NA	NA	NA
12.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	NA	NA	NA	NA	NA
13.	COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)	NA	NA	NA	NA	NA
14.	COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	NA	NA	NA	NA	NA
15.	COMPUTER SCIENCE AND ENGINEERING (INTERNET OF THINGS)	NA	NA	NA	NA	NA

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2022: (Pass out Batch)

SR.No	Name of the Course	Number Of Companies Visited	Number Of Eligible Students	Number Of Students Placed in IT	Number Of Students Placed in Non IT	Total Student Placed (IT+ Non IT)
1.	COMPUTER SCIENCE AND ENGINEERING	80	81	74	0	74
2.	ELECTRONICS AND COMMUNICATIONS ENGINEERING	76	70	57	8	65
3.	ELECTRICAL ENGINEERING	58	84	48	13	61
4.	APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING	60	33	24	4	28
5.	INFORMATION TECHNOLOGY	80	45	45	0	45
6.	MASTERS IN COMPUTER APPLICATIONS	55	87	21	0	21
7.	MECHANICAL ENGINEERING	60	59	13	14	27
8.	CIVIL ENGINEERING	45	73	10	15	25
9.	ELECTRICAL ENGINEERING	0	0	0	0	0
10.	COMPUTER SCIENCE AND BUSINESS SYSTEM	0	0	0	0	0
11.	MASTERS IN BUSINESS ADMINISTRATION	2	2	0	2	2
12.	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	0	0	0	0	0
13.	COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY)	0	0	0	0	0
14.	COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)	0	0	0	0	0
15.	COMPUTER SCIENCE AND ENGINEERING (INTERNET OF THINGS)	0	0	0	0	0

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2021: (Pass out Batch)

SR.No	Name of the Course	Number Of Companies Visited	Number Of Eligible Students	Number Of Students Placed in IT	Number Of Students Placed in Non IT	Total Student Placed (IT+ Non IT)
1	COMPUTER SCIENCE AND ENGINEERING	75	75	52	0	52
2	ELECTRONICS AND COMMUNICATIONS ENGINEERING	72	74	50	11	61
3	ELECTRICAL ENGINEERING	57	72	21	10	31
4	APPLIED ELECTRONICS AND INSTRUMENTATION ENGINEERING	60	53	35	10	45
5	INFORMATION TECHNOLOGY	75	46	31	0	31
6	MASTERS IN COMPUTER APPLICATIONS	50	33	13	0	13
7	MECHANICAL ENGINEERING	42	58	10	14	24
8	CIVIL ENGINEERING	32	60	3	6	9

○ Campus placement in last three years with minimum salary, maximum salary and average salary:

2023: (Pass out Batch)

S.N	Statement	Domestic (In INR)
1	Average salary (Rs lakh/annum)	4.5 LPA
2	Maximum salary (Rs lakh/annum)	12.00 LPA
3	Lowest salary (Rs lakh/annum)	1.80 LPA

2022: (Pass out Batch)

S.N	Statement	Domestic (In INR)
1	Average salary (Rs lakh/annum)	4.4 LPA
2	Maximum salary (Rs lakh/annum)	16.8 LPA
3	Lowest salary (Rs lakh/annum)	1.80 LPA

2021: (Pass out Batch)

S.N	Statement	Domestic (In INR)
1	Average salary (Rs lakh/annum)	4.2 LPA
2	Maximum salary (Rs lakh/annum)	15.8 LPA
3	Lowest salary (Rs lakh/annum)	1.80 LPA