STUDENT HAND BOOK
2019-2020

NARULA INSTITUTE OF TECHNOLOGY
NAAC Accredited | NIRF Ranked College
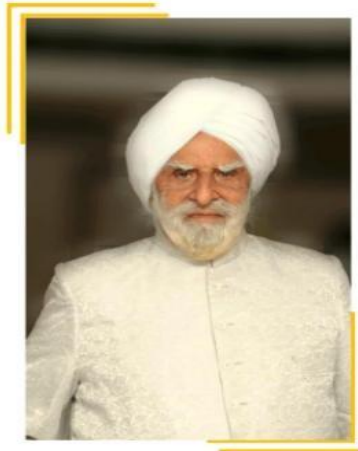
www.nit.ac.in

CONTENT

Our Beloved Babuji: Trailblazer of JIS Group

Sardar Jodh Singh, our beloved Babuji and the founder chairman of JIS Group is the fulcrum of all the endeavours of JIS Group. He had set the roadmap and success pillars of the spearheading educational establishment in eastern India – the JIS GROUP. He was born with a mission to ignite minds and empower lives. He always experienced a yearning to acknowledge his responsibilities and reciprocate by contributing to the growth and development of our society. The twenty-five institutions under JIS Group offers a wide spectrum of Undergraduate and Postgraduate programs ranging from Engineering and Technology, Computer Applications to Dental Science, Pharmacy, Hospitality along with Business Administration and Management .Today thousands of students pursue higher education in JIS Group of colleges and become successful and responsible global citizens. At JIS Group, we constantly strive to create an effective academic platform which can lead social, cultural, scientific, economic and technological reforms in our nation.

All the feathers of success we achieved are the result of blessings and good wishes of our beloved Late Babuji. His benevolence and philanthropy teaches us to illuminate the student community with the ray of education.

Message from Principal

At the onset I take this privilege to welcome you all at Narula Institute of Technology. I appreciate your choice to join this institute. Nit believes in equitable education and thus the students are always exposed to a quality teaching-learning interactive platform. I sincerely hope that you shall be able to continue NiT's longstanding tradition of excellence and achievement. We believe that one of the best ways to discover yourself and who you want to be; is through a liberal technical education. Through your association with the dedicated and distinguished faculty and staff members, you will gain the opportunity to broaden your understanding and develop your talents. We apply innovative teaching methods which will provide an opportunity to learn beyond the classrooms and understand the world around you better. In this present pandemic situation, the academic environment is going through a revolutionary paradigm shift, however here at NiT we have an extraordinary support system that will help you to overcome the challenges. As an undergraduate student we shall encourage you to realize your potentials which will assist you in developing personal and academic goals. I once again warmly greet and value your positive energy and expect to meet you personally in the days ahead.We value your presence in our campus and look forward towards a fruitful teaching-learning.

Stay safe and be focussed.

Prof. Dr. Maitreyi Ray (Kanjilal)

Principal

NiT at a Glance

Narula Institute of Technology, under the aegis of JIS Group of Institution is one of the leading engineering institutions in the eastern region of the country under the Maulana Abul Kalam University of Technology, West Bengal. NiT was established as a philanthropic initiative of Founding Chairman, Sardar Jodh Singh in the year 2001. NiT has been awarded the accreditation from the National Accreditation & Assessment Council (NAAC).

The four year B.Tech course is imparted in the streams of CSE, ECE, EE, CE, IT, EIE & ME. The institute provides a brilliant platform for pursuing higher studies through PG courses like M.Tech (CSE, ECE, EE- Power System, CE- Structural Engineering), MBA and MCA. It has expanded to include diploma programs in EE, CE, ME and ECTC under the affiliation of West Bengal State Council of Technical Education.

Vision

To make the Institute excellent in technological education and research by imparting equitable, inclusive, ethical, flexible and multidisciplinary knowledge to budding technologists to serve the society.

Mission

1. To establish continuously improving academic ambience in the Institute in order to prepare the students with beyond curriculum knowledge, creativity, innovation, problem solving abilities, teamwork, communication skills etc. for their holistic development.
2. To collaborate with Institutes of higher education, Professional Societies, R&D and Industrial organizations for continuous improvement of the academic research environment in the Institute and to build a strong Industry-Institute interface.
3. To promote and nurture entrepreneurial and innovative quality of the students providing proper education, training and supportive facilities so that future entrepreneurs emerge with flying colors.
4. To strengthen quality and knowledge-base of faculty through faculty development programs for continuous up gradation to remain in tune with dynamically changing technology.
5. To become a responsible contributor in the socio-economic development of the society through excellence in education and research.

Affiliations/ Accreditations

The institute is affiliated to MAKAUT, WB and the technical courses are approved by AICTE. The Institute has received a prestigious NIRF ranking given by MHRD, Govt of India for the last 4 consecutive years. This year the Institute has ranked in the rank band of 201-250 in the Engineering category. It has NBA accredited degree programmes in Engineering. It also prides itself with the prestigious NAAC accreditation. The institute was deemed worthy of receiving the notable World Bank assisted and MHRD approved TEQIP (phase 2) grant for advancement of Technical education. It has also been deemed eligible for receiving central assistance under recognition of clauses 2(f) and 12(b) under UGC Act.

Campus

The institute boasts of a ragging-free campus and students are encouraged to show no tolerance for ragging. The campus also houses a Women's Cell which specializes in prioritizing safety of female students and staff throughout the campus and is active in cultural, infrastructural and functional levels of the institute's hierarchy.

Flowchart of "Entry to Exit" for students

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                          START

                    Admission at NiT

              Preparation of ID Card from
                   Register Section

              Preparation of Library Card

          Collection of Uniform from Store Section

                Induction Program at NiT

                    Diagnostic Test

                                          NO        Remedial
                    If perform          ────────►   Classes
                      Well

                      YES

                Welcome from Department

            Sharing Routine/Curriculum & Syllabus  ◄───┘

              Registration to Mentoring Scheme

               Assigning Innovative projects

              Commencement of Classes and
                     Laboratories

            Examination System at every Semester

  Promoted to next    Result Declaration and Review of Answer script
    Semester

                Feedback of Each Semester

               Beyond Curriculum Training

               Industry Visit and Training

         Training related to Aptitude, Reasoning and
                 Technical Subjects etc.

               Placement offers at Campus

                  Feedback Sessions

                       EXIT
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Central Facilities on the Campus

Centre of Excellence

The Engineering Institution's credentials enhance the quality of research work and on-going innovative activities. NiT has established various high end Centre of Excellence Laboratories in past years. It includes the Pneumatic and Hydraulic Control Lab by BOSCH & REXROTH. NiT also has high end PCB Design Lab, Internet of Things Lab, Virtual Instrumentation Lab, labs funded by Government and non-government organizations. NiT has Central Computing Lab Facilities spread over an area with a total number of more than 450 computers. Many Government and non- Government examinations organised centrally are held at NiT because of the sophisticated computer facilities. The campus is well-equipped with spacious rooms along with Wi-Fi facilities. Also, there are auditoriums available for the cultural events organised at the campus. The campus includes the conference rooms for the meetings to be conducted by the officials.

ICT based Smart Rooms

NiT has a great technology of teaching students with the help of the latest ICT based tools & technology. In the process we have adopted a teaching method by using smart class room teaching technology where in the contexts latest design, animation & other dynamic components can be easily explained. There are 100% class-rooms with all the ICT facilities and computers for interfacing facilities.

Canteen Facilities and Cafeteria

Canteen facility is an integral part of the campus which provides nutritious homely food to all hostellers, day scholars, faculty & staff members and visitors. It provides 4 meals a day. Quality food is prepared under strict hygienic conditions. The food is served in the dining area keeping all the sensitivities in consideration.

1. All the hostel mess serves Vegetarian/Non- Vegetarian Food only and operates in self-service mode.
2. The menu of the items is designed considering the requirements of the students and nutrition is added to make it healthy and complete.
3. We offer morning tea with regular breakfast, lunch, evening snacks and tea, dinner and milk to all hostellers.
4. The Canteen facility is available in all the campuses of Hostels which comprises a healthy & delicious variety of VEG/NON-VEG snacks & food.

Medical Facilities

1. The college doctor is available from 11:00 a.m. - 2:00 p.m. on the weekdays for the students and faculties and staff.
2. Whenever needed, hoteliers may utilize medical services provided at the SAGAR DUTTA MEDICAL COLLEGE AND HOSPITAL.
3. The medical counselor is available twice a week (on Tuesdays & Thursdays) from 1:30 p.m.- 3:30 p.m.

Sports and Gymnasium facilities

1. There is a wide playground available within the college campus.
2. Students can play any of the outdoor sports like: cricket, football, volleyball, badminton, handball etc.
3. Also there are boys and girls common rooms with indoor games facilities like: ludo, carom, table tennis, and chess.
4. A well-spaced Yoga Centre is also available for the students.
5. Some of the sports facilities are also available in girls and boys hostels.

Hostel Facilities and Regulations

NIT Hostels is A Home Away from Home is a hub of academic, sports, cultural and social activities. It is said that home is sweet. But even then life at home cannot be compared to life in a hostel.

NIT provides separate hostels for boys and girls.

Each hostel has spacious and semi furnished rooms offering a pleasant environment. The hostels are well-equipped with spacious rooms along with other facilities like: Wi-Fi, water purifier, water cooler and provision for indoor as well as outdoor games. These hostels also have home like dining facilities that offer fresh & nutritious food to the students. Hostels give an environment to create the most effective conditions for student development. The hostels are located both within the campus and off the campus thus offering secured abodes. Hostel also provides transportation at fixed timings to maintain security. The hostel is designed in such a way as to provide optimum utilization of student's time for their overall personality development.

Hostel Regulations

THE STUDENT who wishes to reside in the hostel is not allowed to leave the hostel during the MID-SESSION except in the case if he/she has been expelled from the hostel on account of disciplinary action / misconducts / short attendance etc.

1. Hostel Fee is NON REFUNDABLE except Caution Money. In case the student has been expelled from the Hostel on account of disciplinary action / misconducts / short attendance etc. his/her hostel fee and Hostel Caution Money will automatically be forfeited. No claim for any kind of refund will be entertained.
2. No hosteller will be permitted to continue to occupy a hostel room, unless he / she pays hostel dues within stipulated time. Any delay in payment of dues will attract fines as per rules.
3. Use of intoxicants (Alcohols and drugs) and smoking is strictly prohibited by law.
4. Ragging is strictly prohibited by law. Any hosteller found indulging himself / herself directly / indirectly in in disciplinary activities like theft case / ragging / fighting / quarrelling / use of abusive language / misbehave with fellow students, juniors / seniors within campus or with outsiders at public places and also with Staff members, the disciplinary action shall be initiated against him / her as deemed necessary or may be handed over to police for legal proceedings according to nature of offence for which entire responsibility lies on the concerned hosteller.
5. The hosteller is required to follow the Mess timings & Mess Regulations meticulously.
6. No hosteller is allowed to use a stove, heater, iron, cooler, immersion rod etc. unless specifically permitted by the competent authority.

7. The Hosteller is expected to avail facilities provided for personality development and enhancement of Professional skills & knowledge by the University Management.
8. No hosteller will leave COLLEGE or hostel campus, unless he / she obtains out pass issued by concerned hostel Warden and duly recorded in Movement Register available at Main / Hostel Gate.
9. Lodging and boarding facility may be made available for parents on advance booking on payment of Rs.1000/- per room per person per night by concerned hosteller for 2 days only. THIS FACILITY IS AVAILABLE FOR PARENTS ONLY.

Central Library Facilities and Regulations

NiT Library welcomes all of its student members to use the central library facility at campus. The Library has many reputed International and national author books for utilization by the students. The Central Library includes the International Journals for various engineering domains like IEEE and Springer repositories. It also has magazines from reputed publishers. The students of NiT can issue the book in the following ways, (a) book bank, and (b) reference book. The book bank is issued to the student for the entire semester i.e., three months. And the Reference books are issued for a limited period i.e., 15 days.

In order to ensure a good library-environment, we ask users to abide by the following rules. However, we expect, all members should exercise self-discipline, respect and consideration for others when using the Library.

1. The Library is open to registered members only and the members must hold a valid membership card (Fees Book for 1st Year students) when using the library.
2. Library is open on all working days of the Institute and from 8:00 am– 8:00 pm (Monday to Friday) & 9.30am – 1.30pm. (Saturday). However, the library remains open on request, as per convenience of the students and staff of the Institute.
3. No bags, umbrellas, personal books, CD, etc. may be brought into the library. The library will not accept any responsibility for the loss or misplacement of personal belongings.
4. Consumption of food is not permitted in the library and use of mobile phones is strictly prohibited inside the library.
5. Mutilation of library materials and damage to library materials is a serious offence. Members must report any mutilation or damage that is found in books before borrowing.

6. Every material borrowed from the library must be returned in time. Fines imposed on borrowers for late return of library materials, as follows –

   Rs. 2 per day for each book

7. Borrowers are responsible for the materials borrowed on their cards and are liable to replace the same if the material is found lost or damaged.

8. Users are required to comply with prevalent copyright regulations.

9. Practical work is strictly prohibited in the Library reading room. 10. Maximum 4 students are allowed in each table of the Library Reading Room.

11. Silence must be observed in the library & no discussion permitted inside the library.

Admission Process of NiT

NiT offers the following courses:

A. Undergraduate Degree (Full Time)

1. Mechanical Engineering (ME)- 60 Seats

2. Computer Science & Engineering (CSE) - 180 Seats

3. Electronics & Communication Engineering (ECE)- 150 Seats

4. Information Technology (IT) - 120 Seats

5. Electrical Engineering (EE) - 120 Seats

6. Civil Engineering (Civil) - 60 Seats

7. Electronics & Instrumentation Engineering (EIE) - 30 Seats

B. Postgraduate Degree (Full Time)

1. Computer Science & Engineering (CSE) - 18 Seats

2. Electronics & Communication Engineering - 12 Seats

3. Electrical Engineering -Power Systems - 12 Seats

4. Civil Engineering - Structural Engineering - 30 Seats

5. Master of Computer Application (MCA) -60 seats

C. Diploma (Full Time)- 3 years

1. Electronics & Telecommunication Engineering (ETCE) -30 seats

2. Civil Engineering (CE)-30 seats

3. Electrical Engineering (EE)-60 seats

4. Mechanical (ME)-60 seats

Registration Process for Application:

1. Click on "Application for Admission : Apply Now"
2. Then Click on " 1. New Registration"
3. Enter Name (in Capital), Valid Mobile No., Valid email id
4. An OTP will send on given Mobile No and email id
5. Put the OTP and click on " Save and Continue"

6. An application Id and Password will be generated and same will be sent to the given email id

7. Click on "Next" (if logged out then click on "Continue Partially Filled form 2021" then put application Id and Password.

Application Form Fill up:

1. Fill 'Course Details', 'Personal Details', 'Family Details', Academic Details' accordingly and then 'Upload' the required documents as per specified format and size and submit the application form.

Final Admission Process:

1. Admission offer will be sent after successfully verification of the uploaded documents
2. Log in again to accept the admission offer (Refresh if already logged in)
3. After accepting the admission offer college will activate the "Payment Option"
4. Then click on the "Proceed to Pay" and pay the requisite fees for admission.

Departmental Highlights

1. The Dept. of Computer Science Engineering (CSE)

About the Department: Today we find that information technology has become overwhelmingly pervasive, while its parent, computing science, has become correspondingly hard to find. While many Computer Science educational institutions have shifted focus from core Computer Science and become specialty providers for the IT industry while our department has remained true to the vision on which it was founded.

There are several ways to present the canonical core of computer science. Over the years we have developed a distinct style and method that bridges the theory – practice divide while remaining grounded in the core.

Our Department has produced hundreds of professionals and has established a name for itself in the country and abroad. They have consistently excelled in the highly competitive industrial environment, Best Employer in top-ranking companies. I attribute this success to the winning combination of a dedicated and experienced faculty that works hard at imparting quality education, a well-planned syllabus and last but not least, our sincere students.

We believe that this approach to teaching-learning, coupled with practical experience gained during Industrial Training in reputed organizations, equips our students to handle the challenges posed by the software industry. I am confident that our students will prove themselves worthy for any organization or institute.

Head of the Department: Prof.. Jayanta Pal, Email: head_cse.nit@jisgroup.org

Infrastructure Facilities:https://www.nit.ac.in/computer-science-engineering.php

For more information see the departmental website:https://www.nit.ac.in/computer-science-engineering.php

2. The Dept. of Electronics and Communication Engineering (ECE)

About the Department: Electronics and Communication Engineering (ECE) offers four years full time B. TECH program in ECE. The course is accredited by NBA. The average passing result is excellent in the department. Almost 10-15% of students scored above 9 DGPA. Apart from this we are running P.G. Programs, M.TECH. in Electronics & Communication Engineering since 2009 and we also offer Electronics & Communication Engineering Diploma courses in Kolkata since 2015. The department of ECE offers premier professional technical training that keeps in pace with the latest developments in the field of Electronics and Communication Engineering. The department organized so many International & National Educational Programs (i.e. IEEE sponsored Seminars, Workshops, Faculty Development Programs and one day educational Industrial tours). There are so many events like Paper presentation, Poster presentation, Technical Quiz contest, Technical Report writing Contest & Technical Workshop cum contest associated with IIT, Bombay are organized for the students by this department. There are more than 500 publications done by the faculty & students in National & International Journals & Conferences. Furthermore, five MODROB Projects sponsored by AICTE are completed, fourteen national patents are published by our faculty and staff members, two RPS, two UGC sponsored minor projects and other two projects sponsored by JIS GROUP are going on in this department. Many of our Alumni are settled abroad and also many of the students are placed in so many reputed Govt. sectors and Private Sectors Company and Research Organizations. There is so many high valued simulation software is present in our department like Tanner SPICE, CADENCE, Matlab 2014b, Visual TCAD, HFSS, Qualnet, Active HDL, MPLS, Altera Quartus II, TMS Kit with Code Composer Studio etc. We have a PCB design Laboratory with a full set up sponsored by AICTE.

Head of the Department: Dr. Saradindu Panda, Email: head_ece.nit@jisgroup.org

Infrastructure Facilities: https://www.nit.ac.in/electronics-communication-engineering.php

For more information see the departmental website: https://www.nit.ac.in/electronics-communication-engineering.php

3. The Dept. of Information Technology (IT)

About the Department: The Information Technology Department of this premier Institute equips the students with practical based knowledge modelled upon developments in software technology and its application in the relevant fields, both traditional and emerging. The students gain industry-oriented knowledge for their preparation to meet the demands in the competitive market. The conventional theoretical lessons are backed by ample laboratory practices.

We guide the students in the proper direction amidst an atmosphere of open mind-set to make them inquisitive about the emerging technologies with sufficient theoretical and practical training enabling them to readily adapt themselves in the global market.

The I.T. infrastructure present at NIT consists of state-of-art Computer Labs with high speed internet connection. A total of 15,000 sq. ft. has been used for creating these LABs, which provide students with adequate practical experiences and a dedicated internet connection for knowledge enhancement and research. In recognition of this robust and structured computing facility, major leading firms/bodies, including TCS, Co-Cubes, leading Banks /AIEEE, make use of this infrastructure for their online recruitment exams.

Professional liaison with leading Training and Research Institutes of the country are maintained for fruitful collaborations in emerging trends in the area of Information Technology.

NIT maintains constant communication with all leading companies in order to assess their needs in terms of manpower and know-how for better placement of students. We endeavour for an all-round development of the students including academic competence, leadership and personality, so that they acquire the traits of not only a highly skilled professional, but also that of a responsible citizen.

Head of the Department: Dr. Bidyut K. Medya, Email: head_it.nit@jisgroup.org

Infrastructure Facilities: https://www.nit.ac.in/information-technology.php
For more information see the departmental website: https://www.nit.ac.in/information-technology.php

4. The Dept. of Electrical Engineering (EE)

About the Department:

The Electrical Engineering Department started the B.Tech EE programme in the year 2002 and was accredited by NBA in the year 2008. The Electrical Engineering Department started the M.Tech. (Power System) programme in 2010 and was accredited by NBA in the year 2016. The department received institutional NAAC Accreditation in 2014. The UGC conferred Autonomy to the institute and the department in 2015. Department also received institutional NIRF Ranking in 2016 and 2017 as among 3 Best Private Engineering Colleges of West Bengal.

Presently our sanctioned intake for B.Tech. course is 120. We have the distinction of one of our students securing a place in the first ten positions of West Bengal University of Technology in 2007. One of our students secured 125th all India Rank in GATE 2011 and secured 89th all India Rank in GATE 2014. Our students have been placed in IOCL, BHEL, POWERGRID, CESC, Reliance, L&T, Tata Consulting Engineers, TATA Motors, Electricity Utilities of various State Governments and numerous electrical project companies. Some of our students are pursuing higher studies in US Universities and some are also pursuing Ph.D.

Our Faculty members consistently upgrade their knowledge by attending various training programs and participate in numerous National and International Conferences to present and publish Research Papers. Our faculty members have published Research Papers in Refereed International Journals with high impact factor and published latest technology books with reputed publishers.

We regularly organize Technology as well as Industry Seminars on current topics which are open to participation by Students and Faculty members. We regularly conduct Industrial Visits for students as well as faculty members.

Head of the Department: Dr. Nabamita Bannerjee, Email: head_ee.nit@jisgroup.org

Infrastructure Facilities: https://www.nit.ac.in/electrical-engineering.php

For more information see the departmental website: https://www.nit.ac.in/electrical-engineering.php

5. The Dept. of Civil Engineering (CE)

About the Department:

The Civil Engineering department is a vibrant department due to our academic and staff members as well as our bright students. Our faculties come from highly respectable universities and industries with specialized knowledge that runs the gamut of civil and construction engineering ranging from geotechnical engineering to structural and construction management to transportation engineering to water and environmental engineering etc. We have excellent lab facilities which can be considered as one of the best in the country. Civil engineers build bridges, roads, canals, dams, high-rise buildings and other large structures. Civil engineering is traditionally broken into several sub-disciplines including structural engineering, dealing with analysis and design of structures, geotechnical engineering dealing with analysis and design of foundation of various structures and soil related problems, water resource engineering dealing with analysis of water potential, design of hydraulic structures and allocation of water for various sectoral uses, environmental engineering dealing with water treatment for safe water supply to urban and rural areas and waste water treatments for pollution hazards, transportation engineering dealing with analysis and design of roads, railways, airports and harbours, surveying dealing with mapping and setting out works and construction engineering dealing with construction materials , construction and maintenance of various structures. Civil engineers use computers for analysis, design and construction, new technologies like remote sensing, intelligent buildings, intelligent transportation systems, green buildings, managerial skills for managing resources and structures, communication skills for better understanding with people etc. The department of civil engineering fulfils the requirements of equipping the students with all aspects of civil engineering mentioned above and face the real world with confidence and Narula Institute of Technology is the perfect choice for students that want to pursue B.Tech and Diploma in civil engineering and MTech in Structural Engineering in Kolkata.

Head of the Department: Dr. Biman Mukherjee,

Email: head_ce.nit@jisgroup.org

Infrastructure Facilities: https://www.nit.ac.in/civil-engineering.php

For more information, see the departmental website:
https://www.nit.ac.in/civil-engineering.php

6. The Dept. of Mechanical Engineering (ME)

About the Department:

The Mechanical Engineering department comprises distinguished faculty members and highly efficient technical staff who are actively involved with the students in guiding and preparing them for a bright future. Although the Mechanical Engineering Department at NiT is young, our driving mission is to prepare students for a rapidly evolving and complex world. With the NiT slogan "HOW TO THINK NOT WHAT TO THINK", we continue to be committed to core values of building on strong foundations to foster a culture of innovation within a dynamic, vital and engaging intellectual environment. Our laboratories are very well established and consist of state-of-the-art facilities to motivate students to learn beyond the syllabus which definitely develops complete knowledge of the subject (both the practical and theoretical depth of knowledge) and develop skill sets of students to become promising engineers in future. The JIS Bosch Centre of Excellence on Fluid Power Control Systems has been set up to cater to the needs of research and training for faculties, students and researchers. I would like to conclude with the words of Thomas Friedman who has rightly said "World is flat and opportunities are immense. It's just a question of identifying opportunities and making the best of them". I wish all the best to the students.

Head of the Department: Dr. Sumit Chabri,

Email: head_me.nit@jisgroup.org

Infrastructure Facilities: https://www.nit.ac.in/mechanical-engineering.php

For more information see the departmental website:
https://www.nit.ac.in/mechanical-engineering.php

7. The Dept. of Electronics and Instrumentation Engineering (EIE)

About the Department: The Electronics and Instrumentation Engineering department is the most innovative department of Narula Institute of Technology. The department has started its journey from 2010 and offers the B. Tech degree in Electronics and Instrumentation Engineering. The subject is the amalgam of both the software and core subjects. So, the department is very successful in offering placements in both sectors for the entire pass out students. The department is very competent to execute innovative projects and won many project competitions in and around West Bengal. Our faculties have high national and international exposures and have more than 100 research publications. The students of EIE Department have published more than 70 research papers till date. The department is much focused on providing quality technical knowledge, enhancing project based technical skills and making them industry ready both for software and core sectors. Narula Institute of Technology is the best college for B.Tech in Electronics and Instrumentation Engineering in Kolkata.

Head of the Department: Prof. Bansari Deb Majumder,
Email: head_eie.nit@jisgroup.org

Infrastructure Facilities: https://www.nit.ac.in/electronics-instrumentation-engineering.php

For more information see the departmental website: https://www.nit.ac.in/electronics-instrumentation-engineering.php

8. The Dept. of Basic Science and Humanities

About the Department:

The Basic Science and Humanities department (BS & HU) comprises Physics, Chemistry, Mathematics and English. The department is committed to achieve academic excellence in teaching and scholarly endeavours, as well as serving the academic community and the public at large with highly qualified faculty members. It aims to provide a comprehensive knowledge of Mathematics, Physics, Chemistry and English to the engineering students with a view to enrich the students' understanding towards their core subjects. This will help them in encountering practical problems in their engineering careers, keeping a balance between applications and the basic principles behind them. The department has excellent faculty members with international fame. All the faculty members attend and present papers in International and National conferences regularly in India. Some of the faculty members attended International conferences in different countries like Germany, Poland, Hungary, Czech Republic, China, Sri Lanka, Lithuania, Bulgaria, Spain. Total journal publication of this department is nearly 200 and conference presented papers are nearly 250. The department organizes seminar, model competition, project fair, powerpoint presentation competition for the students as well as arranges expert lectures from different fields. The department publishes a departmental Newsletter "Illumination" which contains all the departmental events and faculty achievements. There is also a separate Departmental Library apart from the Central Library which facilitates knowledge building for the faculty members.

Head of the Department: Dr. Sumit Nandi,
Email: head_bshu.nit@jisgroup.org

Infrastructure Facilities: https://www.nit.ac.in/basic-science-humanities.php

For more information see the departmental website: https://www.nit.ac.in/basic-science-humanities.php

Teaching Learning Process

Narula Institute of Technology - Kolkata is widely known as a top engineering college in West Bengal, for its focus on student centric teaching and learning processes. We are committed to the pursuit of excellence and take great pride in the accomplishments of our students. Our pride is not just saying; it is an approach for learning and growth that will last a lifetime. Teaching methodologies of NiT are designed in such a way that helps the students to develop their skills through hands-on experience. Our students and faculty members interact regularly with industry, academic and various government organizations. Teaching methodologies mostly focused on Live Projects, Guest Lectures, Seminars, Workshops, Group Assignments, Discussion, Brainstorming, Role Play, Emphasis on practical, Case Studies, etc.

Smart Room Teaching Technology

NiT has a great technology of teaching students with the help of the latest tools & technology. In the process we have adopted a teaching method by using smart class room teaching technology where in the contexts latest design, animation & other dynamic components can be easily explained.

Emphasis of Practical Learning

The purpose of practical classes are to guide and familiarize students with working life situations that help them to apply acquired practical knowledge and skills at the workplace. Special assessments and reflection sessions are arranged by the NiT during the practical session in order to assess the students' learning.

Live Projects

Our teaching methodologies put a lot of stress on live projects which provides an opportunity to students to acquire and represent the capabilities of up to date thoughts and knowledge as per requirement of real word.

Curriculum Development

The Curriculum of all the disciplines are revised periodically by taking the feedback from the Academicians, industry personnel and distinguished alumni members.
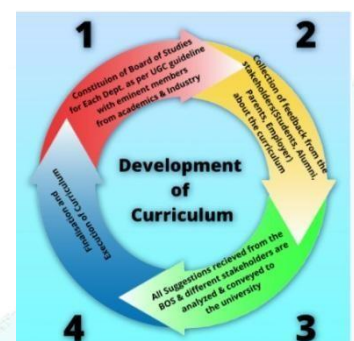
Academic Calendar

Odd Semester 2019 [July to December]

Day	Month	Day	Routine Activity(2nd, 3rd & 4th Year)	Routine Activity (1st Year)	Particulars
1	1st July	Monday			Semester Break / FDP
2	2nd July	Tuesday			Semester Break / FDP
3	3rd July	Wednesday			Semester Break / FDP
4	4th July	Thursday			Semester Break / FDP
5	5th July	Friday			Semester Break / FDP
6	6th July	Saturday	Weekly off	Weekly off	Weekly off
7	7th July	Sunday	Weekly off	Weekly off	Weekly off
8	8th July	Monday	Teaching Day 01		Commencement of Ongoing Semester Students Training (3rd and 5th Semester)
9	9th July	Tuesday	Teaching Day 02		Registration ongoing batch Students Training (3rd and 5th Semester)
10	10th July	Wednesday	Teaching Day 03		Registration ongoing batch] Students Training (3rd and 5th Semester) Monthly Review Meeting for the month of June 2019
11	11th July	Thursday	Teaching Day 04		Registration ongoing batch Students Training (3rd and 5th Semester)
12	12th July	Friday	Teaching Day 05		Registration ongoing batch Students Training (3rd and 5th Semester)
13	13th July	Saturday	Weekly off	Weekly off	Weekly off
14	14th July	Sunday	Weekly off	Weekly off	Weekly off
15	15th July	Monday	Teaching Day 06		Registration ongoing batch Students Training (3rd and 5th Semester)
16	16th July	Tuesday	Teaching Day 07		Registration ongoing batch Students Training (3rd and 5th Semester)
17	17th July	Wednesday	Teaching Day 08		Registration ongoing batch Students Training (3rd and 5th Semester)
18	18th July	Thursday	Teaching Day 09		Registration ongoing batch Students Training (3rd and 5th Semester)
19	19th July	Friday	Teaching Day 10		Registration ongoing batch Students Training (3rd and 5th Semester)
20	20th July	Saturday	Weekly off	Weekly off	Weekly off
21	21st July	Sunday	Weekly off	Weekly off	Weekly off

22	22nd July	Monday	Teaching Day 11		
23	23rd July	Tuesday	Teaching Day 12		
24	24th July	Wednesday	Teaching Day 13		
25	25th July	Thursday	Teaching Day 14		Distribution of project to students
26	26th July	Friday	Teaching Day 15		Distribution of project to students
27	27th July	Saturday	Weekly off	Weekly off	Weekly off
28	28th July	Sunday	Weekly off	Weekly off	Weekly off
29	29th July	Monday	Teaching Day 16		
30	30th July	Tuesday	Teaching Day 17		
31	31st July	Wednesday	Teaching Day 18	Teaching Day 1	Commencement of Academic Session for New Batch Induction Program for New Batch
32	1st Aug	Thursday	Teaching Day 19	Teaching Day 2	Induction Program for New Batch
33	2nd Aug	Friday	Teaching Day 20	Teaching Day 3	Induction Program for New Batch
34	3rd Aug	Saturday	Weekly off	Teaching Day 4	Induction Program for New Batch
35	4th Aug	Sunday	Weekly off	Weekly off	Weekly off
36	5th Aug	Monday	Teaching Day 21	Teaching Day5	Induction Program for New Batch
37	6th Aug	Tuesday	Teaching Day 22	Teaching Day6	Induction Program for New Batch
38	7th Aug	Wednesday	Teaching Day 23	Teaching Day7	Induction Program for New Batch Monthly Review Meeting for the month of July 2019
39	8th Aug	Thursday	Teaching Day 24	Teaching Day 8	Induction Program for New Batch
40	9th Aug	Friday	Teaching Day 25	Teaching Day 9	Induction Program for New Batch
41	10th Aug	Saturday	Weekly off		
42	11th Aug	Sunday	Weekly off		
43	12th Aug	Monday	Holiday		Id-Ul-Zoha
44	13th Aug	Tuesday	Teaching Day 26	Teaching Day 10	Induction Program for New Batch
45	14th Aug	Wednesday	Teaching Day 27	Teaching Day 11	Induction Program for New Batch
46	15th Aug	Thursday	Holiday		Independence Day
47	16th Aug	Friday	Teaching Day 28	Teaching Day 12	Induction Program for New Batch
48	17th Aug	Saturday	Weekly off		
49	18th Aug	Sunday	Weekly off		
50	19th Aug	Monday	Teaching Day 29	Teaching Day 13	Induction Program for New Batch
51	20th Aug	Tuesday	Teaching Day 30	Teaching Day 14	Induction Program for New Batch
52	21st Aug	Wednesday	Teaching Day 31	Teaching Day 15	Induction Program for New Batch
53	22nd Aug	Thursday	Teaching Day 32	Teaching Day 16	Induction Program for New Batch
54	23rd Aug	Friday	Holiday		Janmashtami
55	24th Aug	Saturday	Weekly off		
56	25th Aug	Sunday	Weekly off		
57	26th Aug	Monday	Teaching Day 33	Teaching Day 17	

58	27th Aug	Tuesday	Teaching Day 34	Teaching Day 18	[Distribution of Topic for Debate/PPT/ GD]
59	28th Aug	Wednesday	Teaching Day 35	Teaching Day 19	
60	29th Aug	Thursday	Teaching Day 36	Teaching Day 20	
61	30th Aug	Friday	Teaching Day 37	Teaching Day 21	
62	31st Aug	Saturday	Weekly off / Activities		Seminar –CSE,IT & CA , Juridical Science
63	1st Sept	Sunday	Weekly off		
64	2nd Sept	Monday	Teaching Day 38	Teaching Day 22	
65	3rd Sept	Tuesday	Teaching Day 39	Teaching Day 23	
66	4th Sept	Wednesday	Teaching Day 40	Teaching Day 24	
67	5th Sept	Thursday	Teaching Day 41	Teaching Day 25	Submission of Q paper-Unit Test 1] Distribution 1stProject]
68	6th Sept	Friday	Teaching Day 42	Teaching Day 26	Submission of Q paper-Unit Test 1 Monthly Review Meeting for the month of Aug 2019
69	7th Sept	Saturday	Weekly off / Activities		Seminar –EE ,ECE ,EIE, BA Seminar-Pharmaceutical Science
70	8th Sept	Sunday	Weekly off		
71	9th Sept	Monday	Teaching Day 43	Teaching Day 27	
72	10th Sept	Tuesday	Holiday	Muhharam	Muhharam
73	11th Sept	Wednesday	Teaching Day 44	Teaching Day 28	
74	12th Sept	Thursday	Teaching Day 45	Teaching Day 29	1stUnit Test
75	13th Sept	Friday	Teaching Day 46	Teaching Day 30	1stUnit Test
76	14th Sept	Saturday	Teaching Day 47	Teaching Day 31	1stUnit Test
77	15th Sept	Sunday	Weekly off		
78	16th Sept	Monday	Teaching Day 48	Teaching Day 32	
79	17th Sept	Tuesday	Teaching Day 49	Teaching Day 33	
80	18th Sept	Wednesday	Holiday		Viswakarma Puja
81	19th Sept	Thursday	Teaching Day 50	Teaching Day 34	
82	20th Sept	Friday	Teaching Day 51	Teaching Day 35	
83	21st Sept	Saturday	Weekly off / Activities		Seminar –BS&H, Geology, Education
84	22nd Sept	Sunday	Weekly off		
85	23rd Sept	Monday	Teaching Day 52	Teaching Day 36	

86	24th Sept	Tuesday	Teaching Day 53	Teaching Day 37	[Distribution of Answer script- 1st Unit Test]
87	25th Sept	Wednesday	Teaching Day 54	Teaching Day 38	[Distribution of Answer script- 1st Unit Test]
88	26th Sept	Thursday	Teaching Day 55	Teaching Day 39	[Distribution of Answer script- 1st Unit Test]
89	27th Sept	Friday	Teaching Day 56	Teaching Day 40	[1st Unit Test Result] [1st review of Project]
90	28th Sept	Saturday	Holiday		Mahalaya
91	29th Sept	Sunday	Weekly off		
92	30th Sept	Monday	Teaching Day 57	Teaching Day 41	[Innovative Idea Proposal Submission at Dept]
93	1st Oct	Tuesday	Teaching Day 58	Teaching Day 42	
94	2nd Oct	Wednesday	Holiday	Birthday of Gandhiji	Birthday of Gandhiji
95	3rd Oct	Thursday	Day off	Day off	Day off
96	4th Oct	Friday	Holiday	Holiday	Holiday
97	5th Oct	Saturday	Holiday	Holiday	Holiday
98	6th Oct	Sunday	Holiday	Holiday	Holiday
99	7th Oct	Monday	Holiday	Holiday	Holiday
100	8th Oct	Tuesday	Holiday	Holiday	Holiday
101	9th Oct	Wednesday	Holiday	Holiday	Holiday
102	10th Oct	Thursday	Holiday	Holiday	Holiday
103	11th Oct	Friday	Holiday	Holiday	Holiday
104	12th Oct	Saturday	Holiday	Holiday	Holiday
105	13th Oct	Sunday	Holiday	Holiday	Holiday
106	14th Oct	Monday	Teaching Day 59	Teaching Day 43	Monthly Review Meeting for the month of Sept. 2019
107	15th Oct	Tuesday	Teaching Day 60	Teaching Day 44	
108	16th Oct	Wednesday	Teaching Day 61	Teaching Day 45	
109	17th Oct	Thursday	Teaching Day 62	Teaching Day 46	
110	18th Oct	Friday	Teaching Day 63	Teaching Day 47	
111	19th Oct	Saturday	Weekly off / Activities	Weekly off	[Parent-Teacher Meeting - I]
112	20th Oct	Sunday	Weekly off	Weekly off	
113	21st Oct	Monday	Teaching Day 64	Teaching Day 48	[Choice of Electives for next Sem]
114	22nd Oct	Tuesday	Teaching Day 65	Teaching Day 49	[Submission of Requisition for Infrastructure and Manpower]
115	23rd Oct	Wednesday	Teaching Day 66	Teaching Day 50	
116	24th Oct	Thursday	Teaching Day 67	Teaching Day 51	
117	25th Oct	Friday	Teaching Day 68	Teaching Day 52	[Innovative Idea competition of all Dept]
118	26th Oct	Saturday	Weekly off		
119	27th Oct	Sunday	Holiday		Kali Puja/Diwali
120	28th Oct	Monday	Holiday		Immersion of Goddess Kali
121	29th Oct	Tuesday	Holiday		Bhatridwitiya

					Teaching Day 53	[Submission of 2nd Project]
122	30th Oct	Wednesday	Teaching Day 69			[Final Evaluation of Innovative Idea competition]
123	31st Oct	Thursday	Teaching Day 70	Teaching Day 54		
124	1st Nov	Friday	Teaching Day 71	Teaching Day 55		
125	2nd Nov	Saturday	Weekly off / Activities	Weekly off		Seminar- CE, ME, AUE BME, FT
126	3rd Nov	Sunday	Weekly off	Weekly off		
127	4th Nov	Monday	Teaching Day 72	Teaching Day 56		[2nd Unit Test] [Collection of Student feedback] Semester Exam Form Filling up Starts
128	5th Nov	Tuesday	Teaching Day 73	Teaching Day 57		[2nd Unit Test] [Collection of Student feedback]
129	6th Nov	Wednesday	Teaching Day 74	Teaching Day 58		[2nd Unit Test] [Collection of Student feedback] Semester Exam Form Filling up ends
130	7th Nov	Thursday	Teaching Day 75	Teaching Day 59		Monthly Review Meeting for the month of Oct. 2019
131	8th Nov	Friday	Teaching Day 76	Teaching Day 60		
132	9th Nov	Saturday	Weekly off	Weekly off		
133	10th Nov	Sunday	Weekly off	Weekly off		
134	11th Nov	Monday	Teaching Day 77	Teaching Day 61		Remedial Class
135	12th Nov	Tuesday	Holiday	Guru Nanak's Birthday		Guru Nanak's Birthday
136	13th Nov	Wednesday	Teaching Day 78	Teaching Day 62		Remedial Class [Distribution Answer script of 2nd Unit Test]
137	14th Nov	Thursday	Teaching Day 79	Teaching Day 63		Remedial Class [Distribution Answer script of 2nd Unit Test]
138	15th Nov	Friday	Teaching Day 80	Teaching Day 64		Remedial Class [Distribution Answer script of 2nd Unit Test] [Publication of 2nd Unit Test Result] Semester Exam Form Filling up ends
139	16th Nov	Saturday	Weekly off	Weekly off		
140	17th Nov	Sunday	Weekly off	Weekly off		
141	18th Nov	Monday	Semester End Exam	Teaching Day 65		[Practical Examination & Viva Voce]
142	19th Nov	Tuesday	Semester End Exam	Teaching Day 66		[Practical Examination & Viva Voce]

143	20th Nov	Wednesday	Semester End Exam	Teaching Day 67	[Practical Examination & Viva Voce]
144	21st Nov	Thursday	Semester End Exam	Teaching Day 68	[Practical Examination & Viva Voce]
145	22nd Nov	Friday	Semester End Exam	Teaching Day 69	[Practical Examination & Viva Voce]
146	23rd Nov	Saturday	Weekly off/ Semester End Exam	Weekly off	[Practical Examination & Viva Voce] If required
147	24th Nov	Sunday	Weekly off	Weekly off	
148	25th Nov	Monday	Semester End Exam	Teaching Day 70	[Theory Examination]
149	26th Nov	Tuesday	Semester End Exam	Teaching Day 71	[Theory Examination]
150	27th Nov	Wednesday	Semester End Exam	Teaching Day 72	[Theory Examination]
151	28th Nov	Thursday	Semester End Exam	Teaching Day 73	[Theory Examination]
152	29th Nov	Friday	Semester End Exam	Teaching Day 74	[Theory Examination]
153	30th Nov	Saturday	Weekly off/ Semester End Exam	Teaching Day 75	[Theory Examination]- if required
154	1st Dec	Sunday	Weekly off	Weekly off	
155	2nd Dec	Monday	Semester End Exam	Teaching Day 76 Remedial Classes	[Theory Examination] Fees Collection for Even Semester 2020 begins
156	3rd Dec	Tuesday	Semester End Exam	Teaching Day 77 Remedial Classes	[Theory Examination]
157	4th Dec	Wednesday	Semester End Exam	Teaching Day 78 Remedial Classes	[Theory Examination]
158	5th Dec	Thursday	Semester End Exam	Teaching Day 79 Remedial Classes	[Theory Examination]
159	6th Dec	Friday	Semester End Exam	Teaching Day 80 Remedial Classes	[Theory Examination] Monthly Review Meeting for the month of Nov.2019
160	7th Dec	Saturday	Weekly off/ Semester End Exam	Holiday	[Theory Examination] - If required
161	8th Dec	Sunday	Weekly off	Weekly off	
162	9th Dec	Monday	Evaluation	Semester End Exam	Evaluation of answer script/
163	10th Dec	Tuesday	Evaluation	Semester End Exam	Evaluation of answer script
164	11th Dec	Wednesday	Evaluation	Semester End Exam	Evaluation of answer script
165	12th Dec	Thursday	Evaluation	Semester End Exam	Evaluation of answer script
166	13th Dec	Friday	Evaluation	Semester End Exam	Evaluation of answer script
167	14th Dec	Saturday	Evaluation	Semester End Exam	Evaluation of answer script
168	15th Dec	Sunday	Weekly off		
169	16th Dec	Monday	Evaluation	Semester End Exam	Evaluation of answer script Commencement of Even Semester 2020

			Teaching Day 1		Training of students (2nd, 3rd & 4th year)
170	17th Dec	Tuesday	Evaluation Teaching Day 2	Semester End Exam	Evaluation of answer script Training of students (2nd, 3rd & 4th year)
171	18th Dec	Wednesday	Evaluation Teaching Day 3	Semester End Exam	Evaluation of answer script Training of students (2nd, 3rd & 4th year)
172	19th Dec	Thursday	Evaluation Teaching Day 4	Semester End Exam	Evaluation of answer script Lesson Plan Submission for next semester Publication of time table for Even Sem 2020 Training of students (2nd, 3rd & 4th year)
173	20th Dec	Friday	Evaluation Teaching Day 5	Semester End Exam	Evaluation of answer script Training of students (2nd, 3rd & 4th year)
174	21st Dec	Saturday	Weekly off/Evaluation	Weekly off/Evaluation	Evaluation of answer script - If required
175	22nd Dec	Sunday	Weekly off		
176	23rd Dec	Monday	Evaluation Teaching Day 6	Evaluation	Evaluation of answer script - If required Training of students (2nd, 3rd & 4th year)
177	24th Dec	Tuesday	Evaluation / Activities Teaching Day 7	Evaluation	Evaluation of answer script- if required Alumni Meet Training of students (2nd, 3rd & 4th year)
178	25th Dec	Wednesday	Holiday		Christmas Day
179	26th Dec	Thursday	Semester Break	Semester Break	Semester Break
180	27th Dec	Friday	Semester Break	Semester Break	Semester Break , Announcement of End Semester Result (Odd Semester-July to December 2019)
181	28th Dec	Saturday	Weekly off		Semester Break
182	29th Dec	Sunday	Weekly off		Semester Break
183	30th Dec	Monday	Semester Break	Semester Break	Semester Break
184	31st Dec	Tuesday	Semester Break	Semester Break	Semester Break Fees Collection for Even Semester 2020 end

Note: Particulars date may vary depending on situation which will be notified in Institute website

Day	Month	Day	Routine Activity	Particulars
1	1st Jan	Tuesday	Winter Break end	
2	2nd Jan	Wednesday	Reopen after winter Recess (For Faculty)-Co Curricular Activity*	Announcement of End Semester Result (Odd Semester-July to December 2018)
3	3rd Jan	Thursday	Co-Curricular Activity*	
4	4th Jan	Friday	Co-Curricular Activity	Monthly Review Meeting for December 2018
5	5th Jan	Saturday	Weekly off	
6	6th Jan	Sunday	Weekly off	
7	7th Jan	Monday	1 Teaching Day [Commencement of Even Semester Academic Session 2019]	
8	8th Jan	Tuesday	2 Teaching Day	[Registration ongoing batch-Accounts, Academic and Examination module]
9	9th Jan	Wednesday	3 Teaching Day	[Registration ongoing batch-Accounts, Academic and Examination module]
10	10th Jan	Thursday	4 Teaching Day	[Registration ongoing batch-Accounts, Academic and Examination module]
11	11th Jan	Friday	5 Teaching Day	[Registration ongoing batch-Accounts, Academic and Examination module]
12	12th Jan	Saturday	Weekly off	
13	13th Jan	Sunday	Weekly off	
14	14th Jan	Monday	6 Teaching Day	
15	15th Jan	Tuesday	7 Teaching Day	
16	16th Jan	Wednesday	8 Teaching Day	
17	17th Jan	Thursday	9 Teaching Day	
18	18th Jan	Friday	10 Teaching Day	
19	19th Jan	Saturday	Weekly off	
20	20th Jan	Sunday	Weekly off	
21	21st Jan	Monday	11 Teaching Day	
22	22nd Jan	Tuesday	12 Teaching Day	
23	23rd Jan	Wednesday	Holiday	Netaji's Birthday
24	24th Jan	Thursday	13 Teaching Day	
25	25th Jan	Friday	Extra-Curricular Activity	Annual Sports
26	26th Jan	Saturday	Holiday	Republic Day
27	27th Jan	Sunday	Weekly off	
28	28th Jan	Monday	14 Teaching Day	
29	29th Jan	Tuesday	15 Teaching Day	Distribution of project to students
30	30th Jan	Wednesday	16 Teaching Day	Distribution of project to students
31	31st Jan	Thursday	17 Teaching Day	
32	1st Feb	Friday	18 Teaching Day	

Even Semester 2020 [January to June]

Day	Month	Day	Routine Activity	Particulars
1	1st Jan	Tuesday	Winter Break end	
2	2nd Jan	Wednesday	Reopen after winter Recess (For Faculty)- Co Curricular Activity*	Announcement of End Semester Result (Odd Semester-July to December 2018)
3	3rd Jan	Thursday	Co-Curricular Activity*	
4	4th Jan	Friday	Co-Curricular Activity	Monthly Review Meeting for December 2018
5	5th Jan	Saturday	Weekly off	
6	6th Jan	Sunday	Weekly off	
7	7th Jan	Monday	1 Teaching Day [Commencement of Even Semester Academic Session 2019]	
8	8th Jan	Tuesday	2 Teaching Day	[Registration ongoing batch-Accounts, Academic and Examination module]
9	9th Jan	Wednesday	3 Teaching Day	[Registration ongoing batch-Accounts, Academic and Examination module]
10	10th Jan	Thursday	4 Teaching Day	[Registration ongoing batch-Accounts, Academic and Examination module]
11	11th Jan	Friday	5 Teaching Day	[Registration ongoing batch-Accounts, Academic and Examination module]
12	12th Jan	Saturday	Weekly off	
13	13th Jan	Sunday	Weekly off	
14	14th Jan	Monday	6 Teaching Day	
15	15th Jan	Tuesday	7 Teaching Day	
16	16th Jan	Wednesday	8 Teaching Day	
17	17th Jan	Thursday	9 Teaching Day	
18	18th Jan	Friday	10 Teaching Day	
19	19th Jan	Saturday	Weekly off	
20	20th Jan	Sunday	Weekly off	
21	21st Jan	Monday	11 Teaching Day	
22	22nd Jan	Tuesday	12 Teaching Day	
23	23rd Jan	Wednesday	Holiday	Netaji's Birthday
24	24th Jan	Thursday	13 Teaching Day	
25	25th Jan	Friday	Extra-Curricular Activity	Annual Sports
26	26th Jan	Saturday	Holiday	Republic Day
27	27th Jan	Sunday	Weekly off	
28	28th Jan	Monday	14 Teaching Day	
29	29th Jan	Tuesday	15 Teaching Day	Distribution of project to students
30	30th Jan	Wednesday	16 Teaching Day	Distribution of project to students
31	31st Jan	Thursday	17 Teaching Day	

32	1st Feb	Friday	18 Teaching Day	
33	2nd Feb	Saturday	Weekly off/ Co-Curricular Activity	Staff Picnic
34	3rd Feb	Sunday	Weekly off	
35	4th Feb	Monday	19 Teaching Day	Monthly Review Meeting for January 2019
36	5th Feb	Tuesday	20 Teaching Day	
37	6th Feb	Wednesday	21 Teaching Day	
38	7th Feb	Thursday	22 Teaching Day	Innovative Idea Proposal Submission at Dept
39	8th Feb	Friday	23 Teaching Day	[Innovative Idea Proposal Submission at Dept]
40	9th Feb	Saturday	Weekly off/ Extra-Curricular Activity	
41	10th Feb	Sunday	Holiday	Swaraswati Puja
42	11th Feb	Monday	24 Teaching Day	
43	12th Feb	Tuesday	25 Teaching Day	[Distribution 1st Assignment]
44	13th Feb	Wednesday	26 Teaching Day	[Distribution 1st Assignment]
45	14th Feb	Thursday	27 Teaching Day	[Submission of Q paper-U Test 1]
46	15th Feb	Friday	28 Teaching Day	[Submission of Q paper-U Test 1] [Group League Matches of SJS Cricket Tournament for Staff-SJSMT] [Group League Matches of SJS Volleyball Tournament for Students-SJSMVT]
47	16th Feb	Saturday	Weekly off/ Co-Curricular Activity	[Seminar – ECE, EIE, Physics] [Group League Matches of SJS Cricket Tournament for Staff-SJSMT] [Group League Matches of SJS Volleyball Tournament for Students-SJSMVT]
48	17th Feb	Sunday	Weekly off	[Group League Matches of SJS Cricket Tournament for Students-SJSMCT]
49	18th Feb	Monday	29 Teaching Day	[Group League Matches of SJS Cricket Tournament for Students-SJSMCT]
50	19th Feb	Tuesday	30 Teaching Day	[Innovative Idea competition Dept – ECE, CSE, IT, CA, EIE, Physics] [Semifinal & final Matches of SJS Volleyball Tournament for Students-SJSMVT]
51	20th Feb	Wednesday	31 Teaching Day	[Innovative Idea competition Dept – EE, CE, ME, , Chemistry,] [Semifinal Matches of SJS Cricket Tournament for Students-SJSMCT] [Semifinal Matches of SJS Cricket Tournament for Staff-SJSMT]
52	21st Feb	Thursday	32 Teaching Day	[Final Matches of SJS Cricket Tournament for Students-SJSMCT] [Final Matches of SJS Cricket Tournament for Staff-SJSMT]
53	22nd Feb	Friday	33 Teaching Day	
54	23rd Feb	Saturday	Weekly off/ Extra-Curricular Activity	
55	24th Feb	Sunday	Weekly off	
56	25th Feb	Monday	34 Teaching Day	
57	26th Feb	Tuesday	35 Teaching Day	[Submission of 1st Assignment]
58	27th Feb	Wednesday	36 Teaching Day	[Submission of 1st Assignment]

				[Distribution of Topic for Debate/ PPT/ GD]
59	28th Feb	Thursday	37 Teaching Day	
60	1st Mar	Friday	38 Teaching Day	
61	2nd Mar	Saturday	Weekly off	
62	3rd Mar	Sunday	Weekly off	
63	4th Mar	Monday	39 Teaching Day	Monthly Review Meeting for February 2019
64	5th Mar	Tuesday	40 Teaching Day	
65	6th Mar	Wednesday	41 Teaching Day	1st Unit Test
66	7th Mar	Thursday	42 Teaching Day	1st Unit Test
67	8th Mar	Friday	43 Teaching Day	1st Unit Test
68	9th Mar	Saturday	Weekly off	1st Unit Test (If required)
69	10th Mar	Sunday	Weekly off	
70	11th Mar	Monday	44 Teaching Day	
72	12th Mar	Tuesday	45 Teaching Day	
73	13th Mar	Wednesday	46 Teaching Day	
74	14th Mar	Thursday	47 Teaching Day	[Debate / GD/ PPT Competition] [Distribution of Answer script- 1st Unit Test]
75	15th Mar	Friday	48 Teaching Day	[Debate / GD/ PPT Competition] [Distribution of Answer script- 1st Unit Test]
76	16th Mar	Saturday	Weekly off/ Co-Curricular Activity	[Seminar- CE, ME]
77	17th Mar	Sunday	Weekly off	
78	18th Mar	Monday	49 Teaching Day	1st Unit Test Result
79	19th Mar	Tuesday	50 Teaching Day	1st review of Project
80	20th Mar	Wednesday	51 Teaching Day	
81	21st Mar	Thursday	Holiday	Dolyatra
82	22nd Mar	Friday	Holiday	Holi
83	23rd Mar	Saturday	Weekly off/ Co-Curricular Activity	[Seminar –EE ,]
84	24th Mar	Sunday	Weekly off	
85	25th Mar	Monday	52 Teaching Day	[Submission of Q paper- 2nd Unit Test-Diploma]
86	26th Mar	Tuesday	53 Teaching Day	[Submission of Q paper- 2nd Unit Test-Diploma]
87	27th Mar	Wednesday	54 Teaching Day	[Distribution of 2nd Assignment- Diploma]
88	28th Mar	Thursday	55 Teaching Day	[Final Evaluation of Innovative Ideacompetition]
89	29th Mar	Friday	56 Teaching Day	[Final Evaluation of Innovative Ideacompetition]
90	30th Mar	Saturday	Weekly off/ Co-Curricular Activity	[Parent-Teacher Meeting - I]
91	31st Mar	Sunday	Weekly off	
92	1st Apr	Monday	57 Teaching Day	
93	2nd Apr	Tuesday	58 Teaching Day	
94	3rd Apr	Wednesday	59 Teaching Day	
95	4th Apr	Thursday	60 Teaching Day	Monthly Review Meeting for March 2019
96	5th Apr	Friday	61 Teaching Day	

97	6th Apr	Saturday	Weekly off/ Co-Curricular Activity	[Seminar –English, Mathematics, Education]
98	7th Apr	Sunday	Weekly off	
99	8th Apr	Monday	62 Teaching Day	[Submission of 2nd Assignment-Diploma &]
100	9th Apr	Tuesday	63 Teaching Day	
101	10th Apr	Wednesday	64 Teaching Day	[2nd Unit Test- Diploma]
102	11th Apr	Thursday	65 Teaching Day	[2nd Unit Test- Diploma]
103	12th Apr	Friday	66 Teaching Day	[2nd Unit Test- Diploma]
104	13th Apr	Saturday	Weekly off/ Co-Curricular Activity	[2nd Unit Test- Diploma] Project Seminar by- ECE, CSE, IT, CA, EIE, Physics
105	14th Apr	Sunday	Weekly off	
106	15th Apr	Monday	Holiday	Bengali New Year
107	16th Apr	Tuesday	67 Teaching Day	
108	17th Apr	Wednesday	68 Teaching Day	[Distribution Answer script of 2nd Unit Test-Diploma]
109	18th Apr	Thursday	69 Teaching Day	[Distribution Answer script of 2nd Unit Test-Diploma]
110	19th Apr	Friday	Holiday	Good Friday
111	20th Apr	Saturday	Weekly off/ Co-Curricular Activity	Project Seminar by- EE, CE, ME,
112	21st Apr	Sunday	Weekly off	
113	22nd Apr	Monday	70 Teaching Day	[Submission of Q paper for 3rd Unit Test- Diploma and 2nd Unit Test-All other courses]
114	23rd Apr	Tuesday	71 Teaching Day	[Submission of Q paper for 3rd Unit Test- Diploma and 2nd Unit Test-All other courses] [Publication of 2nd Unit Test Result]
115	24th Apr	Wednesday	72 Teaching Day	[Distribution of 3rd Assignment –Diploma AND 2nd Assignment-All other courses]
116	25th Apr	Thursday	73 Teaching Day	
117	26th Apr	Friday	74 Teaching Day	
118	27th Apr	Saturday	Weekly off	
119	28th Apr	Sunday	Weekly off	
120	29th Apr	Monday	75 Teaching Day	
121	30th Apr	Tuesday	76 Teaching Day	
122	1st May	Wednesday	Holiday	May Day
123	2nd May	Thursday	77 Teaching Day	
124	3rd May	Friday	78 Teaching Day	Monthly Review Meeting for April 2019
125	4th May	Saturday	Weekly off	
126	5th May	Sunday	Weekly off	
127	6th May	Monday	79 Teaching Day	Submission of 3rd Assignment - Diploma and 2nd Assignment-All other courses
128	7th May	Tuesday	80 Teaching Day	[Choice of Electives for next Sem]
129	8th May	Wednesday	81 Teaching Day	[3rd Unit Test- Diploma] [2nd Unit Test-All other courses] [Collection of Student feedback]
130	9th May	Thursday	82 Teaching Day	[3rd Unit Test- Diploma]

				[2nd Unit Test-All other courses] [Collection of Student feedback]
131	10th May	Friday	83 Teaching Day	[3rd Unit Test- Diploma] [2nd Unit Test-All other courses] [Collection of Student feedback] [Submission of Requisition for Infrastructure and Manpower]
	11th May	Saturday	Weekly off	[3rd Unit Test- Diploma &] [2nd Unit Test-All other courses-if required]
132	12th May	Sunday	Weekly off	
133	13th May	Monday	84 Teaching Day	
134	14th May	Tuesday	85 Teaching Day	
135	15th May	Wednesday	86 Teaching Day	Distribution Answer script of 2nd Unit Test/3rd Unit Test (As applicable)
136	16th May	Thursday	87 Teaching Day	
137	17th May	Friday	88 Teaching Day	[Publication of 2nd Unit Test/3rd Unit Test Result - As applicable] [Semester Exam Form Filling up ends] Farewell to final year students
138	18th May	Saturday	Weekly off	
139	19th May	Sunday	Weekly off	
140	20th May	Monday	89 Teaching Day	Faculty Development Program
141	21st May	Tuesday	90 Teaching Day	Faculty Development Program
142	22nd May	Wednesday	Study Leave	Faculty Development Program
143	23rd May	Thursday	Study Leave	Faculty Development Program
144	24th May	Friday	Study Leave	Faculty Development Program
145	25th May	Saturday	Weekly off	[Parent-Teacher Meeting - II]
146	26th May	Sunday	Weekly off	
147	27th May	Monday	Theory Exam	
148	28th May	Tuesday	Theory Exam	
149	29th May	Wednesday	Theory Exam	
150	30th May	Thursday	Theory Exam	
151	31st May	Friday	Theory Exam	
152	1st June	Saturday	Theory Exam	
153	2nd June	Sunday	Weekly off	
154	3rd June	Monday	Theory Exam	
155	4th June	Tuesday	Theory Exam	Monthly Review Meeting for May 2019
156	5th June	Wednesday	Holiday	Id-Ul-Fitar
157	6th June	Thursday	Theory Exam	
158	7th June	Friday	Theory Exam	
159	8th June	Saturday	Theory Exam	
160	9th June	Sunday	Weekly off	
161	10th June	Monday	Theory Exam	
162	11th June	Tuesday	Practical Exam	
163	12th June	Wednesday	Practical Exam	

164	13th June	Thursday	Practical Exam	
165	14th June	Friday	Practical Exam	
166	15th June	Saturday	Practical Exam	
167	16th June	Sunday	Weekly off	
168	17th June	Monday	Semester Break	
169	18th June	Tuesday	Semester Break	
170	19th June	Wednesday	Semester Break	
171	20th June	Thursday	Semester Break	
172	21st June	Friday	Semester Break	
173	22nd June	Saturday	Weekly off	
174	23rd June	Sunday	Weekly off	
175	24th June	Monday	Semester Break	
176	25th June	Tuesday	Semester Break	
177	26th June	Wednesday	Semester Break	
178	27th June	Thursday	Semester Break	
179	28th June	Friday	Semester Break	
180	29th June	Saturday	Weekly off	Announcement of End Semester Result (Even Semester-Jan to June 2019)
181	30th June	Sunday	Weekly off	

Activity Calendar

Activity	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July
World Peace Day							☐						
Student registration	☐	☐					☐						
Allocation of Projects		☐					☐						
Industrial (Summer/Winter) Training						☐	☐	☐				☐	
National Youth Day Celebration							☐						
Netaji Subhash Chandra Bose Jayanti							☐						
Republic Day Celebration							☐						
Students Training for placement	☐	☐	☐	☐	☐		☐	☐	☐	☐			☐
Seminars/Workshop	☐	☐	☐	☐	☐		☐	☐	☐	☐	☐		☐
Students Activities (Extra Curricular)		☐	☐	☐			☐	☐	☐	☐	☐		
Annual Sports							☐						
Winter Carnival							☐						
Faculty Development Programme							☐					☐	
Saraswati Puja Celebration								☐					
International Mother Language Day								☐					
National Science Day								☐					
Distribution of Assignments		☐	☐	☐				☐	☐	☐			
Submission of Q paper- Unit/Slot Test			☐		☐			☐	☐	☐			
Publication of Unit/Slot Test Result				☐	☐				☐	☐			
Declaration of attendance %		☐	☐	☐	☐			☐	☐	☐	☐		
Industry visit		☐	☐	☐	☐			☐	☐	☐			
International Women's Day									☐				
World Health Day										☐			
Earth Day Celebration										☐			
Birthday of Dr. B R Ambedkar										☐			
Ayushman Bharat Diwas										☐			
International Labour Day (Worker's Day)											☐		
Rabindra Jayanti Celebration											☐		
Mother's Day Celebration											☐		
Eid Celebration											☐		
Anti-tobacco Day											☐		
World Environment Day												☐	
World Anti- Drugs Day												☐	
International Yoga Day												☐	

Activity	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July
Independence Day Celebration		☐											
World Photography Day		☐											
Muharram Celebration		☐											
Teacher's Day Celebration			☐										
Vishwakarma Puja Celebration			☐										
Gandhi Jayanti Celebration				☐									
Durga Puja Celebration				☐									
Chhath Puja Celebration				☐									
Activity	**July**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**July**
National Unity Day				☐									
Diwali Celebration					☐								
National Education Day					☐								
Guru Parab Celebration					☐								
National Cancer Awareness Day					☐								
National Mathematics Day						☐							
World Computer Literacy Day						☐							
National Pollution Control Day						☐							
Christmas Celebration						☐							
Submission of faculty load				☐							☐		
Submission of choice of electives				☐							☐		
Submission of lecture plan				☐								☐	
Preparation of Routine				☐								☐	
Submission of tuition fees for next semester						☐						☐	
Review of Semester project progress			☐		☐				☐	☐			
Preparation of invigilation list for semester exam					☐						☐		
Collection of students feedback					☐	☐					☐		
Parent Teacher Meeting		☐	☐	☐	☐				☐		☐		
National/International Conference		☐		☐			☐						
Activities by students chapter		☐	☐	☐	☐	☐		☐	☐	☐	☐		
GATE Coaching		☐	☐	☐	☐			☐	☐	☐	☐		
Sardar Jodh Singh Trophy – S								☐					
Sardar Jodh Singh Trophy – F								☐					
Technical Symposium / Tech Fest								☐					
Cultural Fest								☐					
Requisition for Man power and Infrastructure					☐						☐		
Farewell											☐		
Induction Program		☐											
Alumni Meet (Institute level)						☐							
Tree Plantation Day	☐												☐

Event													
No Plastic Day	□												□
Sadbhavna Divas		□											
National Engineer's Day			□										
Constitution Day				□									
Rakhsha Bandhan		□											
International Human Rights Day					□								
International Energy Conservation Day					□								
Book Fair Performance							□						
Vigilance Awareness Week			□										
NiT Jewels										□			

Induction Programme for First year students

Narula Institute of Technology organises an Induction **Programme** for all the academic batches every year before the commencement of the classes of each of the Programme for THREE long weeks' duration. It is mandatory for all the First year's students to attend the Induction Programme. The primary aim of this programme is to give a brief introduction about the courses and curriculum. There are interactions with renowned academicians and industry personnel. Alumni network members of NiT are also invited for some discussions with the students. Finally, the event ends with the motivational and Yoga sessions for the benefit of the mental and physical health of the students.

The sessions generally constitute of:

1.Welcome addresses from the Principal of NiT, Dignitaries, Invited guests and Head of the Departments.

2.The event is named as "Swagatam" and the welcome note is given to both the parents and students.

3.The session includes interaction with renowned academicians, researchers, and Industry personnel.

4.Also sessions include interaction with renowned Alumni members of the associations, and present students of the institution.

5.For the benefit of the student's outlook, the Yoga sessions and motivational sessions are conducted.

6.There are sessions on "Know your subject" based on basics of mathematics, physics and chemistry.

7.Finally, there are cultural activities and fashion shows organised for the first year students.

Curriculum and Syllabus

Curriculum for B.Tech For 1st Year

Under Autonomy

(**GR A:** ECE, EE, EIE, BME;   **GR B:** CSE, IT, ME, CE, FT)

1st Semester

Sl No	Course Code	Paper Code	Theory	Contact Hours /Week				Credit Points
				L	T	P	Total	
A. THEORY								
1	BS	M 101	Mathematics -I	3	1	0	4	4
2	BS	CH 101/ PH 101	Chemistry (Gr. A) / Physics- I (Gr. B)	3	0	0	3	3
3	ES	EE 101/ EC 101	Basic Electrical Engineering (Gr. A) / Basic Electronics Engineering (Gr. B)	3	0	0	3	3
4	HS	HU 101	English	2	0	0	2	2
Total of Theory							**12**	**12**
B. PRACTICAL								
5	BS	CH 191/ PH191	Chemistry Lab (Gr. A) / Physics- I Lab (Gr. B)	0	0	3	3	1.5
6	ES	EE 191/ EC 191	Basic Electrical Engineering Lab (Gr. A) / Basic Electronics Engineering Lab (Gr. B)	0	0	3	3	1.5
7	ES	ME 191/ ME 192	Engineering Graphics & Design (Gr A) / Workshop/Manufacturing Practices (Gr-B)	0	0	3	3	1.5
8	PROJ	PR 191	PROJECT-IA	0	0	1	1	0.5
9	PROJ	PR 192	PROJECT-IB	0	0	1	1	0.5
C. MANDATORY ACTIVITIES / COURSES								
8	MC	MC 181	Induction Program	0	0	0	0	
Total of Theory, Practical & Mandatory Activities/Courses							**23**	**17.5**

#Student need to select any two projects (Total Credit: 0.5+0.5=1)

2ⁿᵈ Semester

Sl No	Course Code	Paper Code	Theory	Credit Hours /Week				Credit Points
				L	T	P	Total	
A. THEORY								
1	BS	M 201	Mathematics –II	3	1	0	4	4
2	BS	CH 201/ PH 201	Chemistry - (Gr. B) / Physics – I (Gr. A)	3	0	0	3	3
3	ES	EE 201/ EC 201	Basic Electrical Engineering (Gr. B) / Basic Electronics Engineering (Gr. A)	3	0	0	3	3
4	ES	CS 201	Programming for Problem Solving	3	0	0	3	3
5	ES	ME 201	Engineering Mechanics	3	0	0	3	3
Total of Theory							**16**	**16**
B. PRACTICAL								
6	ES	CS291	Programming for Problem Solving Lab	0	0	3	3	1.5
7	BS	CH 291/ PH 291	Chemistry Lab (Gr. B) / Physics - I Lab (Gr. A)	0	0	3	3	1.5
8	ES	EE 291/ EC 291	Basic Electrical Engineering Lab (Gr. B) / Basic Electronics Engineering Lab (Gr. A)	0	0	3	3	1.5
9	ES	ME 291/ ME 292	Engineering Graphics & Design (Gr B) / Workshop/Manufacturing Practice (Gr-A)	0	0	3	3	1.5
10	HS	HU 291	Language Lab	0	0	2	2	1
11	PROJ	PR 291	Project-II	0	0	1	1	0.5
12	PROJ*	PR 292	Inovative Activities-I	0	0	0	0	0.5
C. MANDATORY ACTIVITIES / COURSES								
13	MC	MC 281	NSS/ Physical Activities/Meditation & Yoga/Photography/ Nature Club	0	0	0	3	
Total of Theory, Practical & Mandatory Activities/Courses							**34**	**24**

#Student need to select any ONE project (Total Credit: 0.5+0.5=1)

For Second to Eight semester: Follow the website link of the department.

Department	Website Link for Curriculum & Syllabus
Computer Science and Engineering	https://www.nit.ac.in/pdf/cse-ug-r-18.pdf
Electronics and Communication Engineering	https://www.nit.ac.in/pdf/ece-pg.pdf
Information Technology	https://www.nit.ac.in/pdf/it-ug-18.pdf
Electrical Engineering	https://www.nit.ac.in/pdf/ee-pg.pdf
Civil Engineering	https://www.nit.ac.in/pdf/ce-pg.pdf
Mechanical Engineering	https://www.nit.ac.in/pdf/me-ug-r-18.pdf
Electronics and Instrumentation Engineering	https://www.nit.ac.in/pdf/eie-ug-r-18.pdf

Curriculum for M.Tech

Under Autonomy

Follow the website link of the department:

Department	Website Link for Curriculum & Syllabus
Computer Science and Engineering	https://www.nit.ac.in/pdf/ce-pg.pdf
Electronics and Communication Engineering	https://www.nit.ac.in/pdf/ece-pg.pdf
Electrical Engineering-Power System	https://www.nit.ac.in/pdf/ee-pg.pdf
Civil Engineering-Structural Engineering	https://www.nit.ac.in/pdf/ce-pg.pdf

Curriculum for Diploma

Department	Website Link for Curriculum & Syllabus
Electronics and Tele-Communication Engineering	https://www.nit.ac.in/pdf/ece-diploma.pdf
Electrical Engineering	https://www.nit.ac.in/pdf/ee-diploma.pdf
Civil Engineering	https://www.nit.ac.in/pdf/ce-diploma.pdf

Student Support System

Scholarship Schemes

GOVERNMENT SCHOLARSHIP SCHEMES AVAILABLE FROM THE INSTITUTE

The Institute has the facility of providing scholarship schemes under central and state Government respectively to the students enrolled in Graduate and Post Graduate programs. The students apply to the scholarships as per notification from the Government. The list of Government scholarship schemes with web link are mentioned below:

Name of the scheme	Link
National Scholarship Portal	https://scholarships.gov.in/
Prime Ministers Scholarship Scheme	https://www.desw.gov.in/prime-ministers-scholarship-scheme-pmss
Swami Vivekananda Scholarship	https://svmcm.wbhed.gov.in/
Kanyasree Scholarship	https://wbkanyashree.gov.in/kp_4.0/index.php
Aikasree Scholarship	https://wbmdfcscholarship.org/
Ekalyan	https://ekalyan.cgg.gov.in/
West Bengal Freeship Scheme	https://wbhed.gov.in/wbfs/
Oasis Scholarship	https://oasis.gov.in/
Vidyalakshmi Scholarship	https://www.vidyalakshmi.co.in/Students/about-us
Vidyasarathi Scholarship	https://www.vidyasaarathi.co.in/Vidyasaarathi/AboutUs
Pragati And Saksham Scholarship	https://www.aicte-pragati-saksham-gov.in/

SCHOLARSHIP SCHEMES OF THE INSTITUTE

The Institute has the facility of providing scholarship schemes to the students enrolled in Graduate and Post Graduate programs from non-government organizations. The students apply for the scholarships schemes and the applications are thoroughly reviewed by the governing body of the Institute and

approvals are set accordingly. The list of the scholarship schemes offered by the institute are given below:

Name of the scheme	Description
Freeship schemes	The Institute has decided to offer **Full Freeship and Half Freeship** to the students belonging to poor economic background. To avail this scholarship, the students need to submit relevant documents relating to family income which are to be verified thoroughly before granting the free ship. Students, who are receiving Scholarship/Assistantship from other external funding agencies or under TFW scheme are not considered under this scholarship scheme
Institute UG Scholarship	The Institute offers a scholarship of Rs.60,000/- @ Rs.10,000/- per semester to the students who have studied their three years Diploma in Engineering in the institute.
Institute PG Scholarship	➢ The Institute offers a scholarship of 20% on tuition fees i.e Rs.10000/- per semester is applicable to the external students who have scored DGPA of 7.0 and above in their last qualifying examination for pursuing M.Tech. Assistance ship of Rs.3000 per month will also be given to M.Tech students (M.Tech-Civil Engineering is not eligible for the stipend). ➢ The Institute offers a scholarship of 20% of the tuition fees to any student who has completed a B.Tech programme from this institute and secures admission to M.Tech program in the same institute. Assistance ship of Rs.3000 per month will also be given to M.Tech students (M.Tech-Civil Engineering is not eligible for the stipend). ➢ The Institute offers a scholarship of 20% on tuition fees i.e Rs.10000/- per semester is applicable to the external students who have scored DGPA of 7.0 and above in their last qualifying examination for pursuing MCA .
Sikh Scholarship	The Sikh students of the Institute also receive financial assistance from Gurudwara who provide financial support to the Sikh students from economically poor family background. Students belong to Sikh community may apply for 50% free ship/scholarship on their tuition fees. 50% free ship/scholarship is provided only on tuition fees. The scholarship is only applicable from second semester.
Scholarship Scheme for the North East States	Scholarship of Rs.40, 000/- will be given for the Admission in Lateral Entry (B.Tech courses) for students from the North East Region. The details of the Scholarship policy are mentioned below: 1. Candidate must have valid Aadhaar Card. 2. Candidate must secure minimum requisite qualification for admission in B.Tech Lateral course. 3. Scholarship will be available @ Rs. 7000/- each for 3rd & 4th Semester in (2nd year) and Rs. 6500/- each from 5th to 8th Semester (3rd & 4th Year) from the existing fees structure. 4. To continue availing the existing scholarship, the student must not

	have any year lag
Sibling Scholarship Scheme	Scholarship of **20%** on the tuition fee will be given to the immediate sibling of existing and former students for B.Tech, M.Tech and MCA programs. Proof of relation is required to be submitted.
Employee Scholarship Scheme	This Scholarship Scheme is open to the children/immediate sibling of the permanent Employees working in any of the unit of the institute and on a regular payroll. The employee should have minimum 3 years of continuous work experience in the institute as of 30th June of the concerned Academic session**.** Scholarship will be available to only one child/immediate sibling of the employee. The scholarship % will be as following: | **Tenure of Service**	**Scholarship %**
3 years - 5 years	10% on Tuition fee
5 years - 10 years	15% on Tuition fee
10 years - 15 years	25% on Tuition fee
15 years+	40% on Tuition fee	

NON GOVERNMENT SCHOLARSHIP SCHEMES

The Institute has the facility of providing scholarship schemes to the students enrolled in Graduate and Post Graduate programs from non-government organizations. The students apply for the scholarships schemes and the applications are thoroughly reviewed by the governing body of the Institute and approvals are set accordingly. The list of Non-Government scholarship schemes from the Institute are mentioned below:

Name of the scheme	Description/Link
Sitaram Jindal Scholarship	**https://www.sitaramjindalfoundation.org/importantinstructions.php**
Priyamvada Birla Scholarship - 2020	**https://www.nit.ac.in/pdf/birla-scholarship-2020.pdf**

Mentoring Scheme
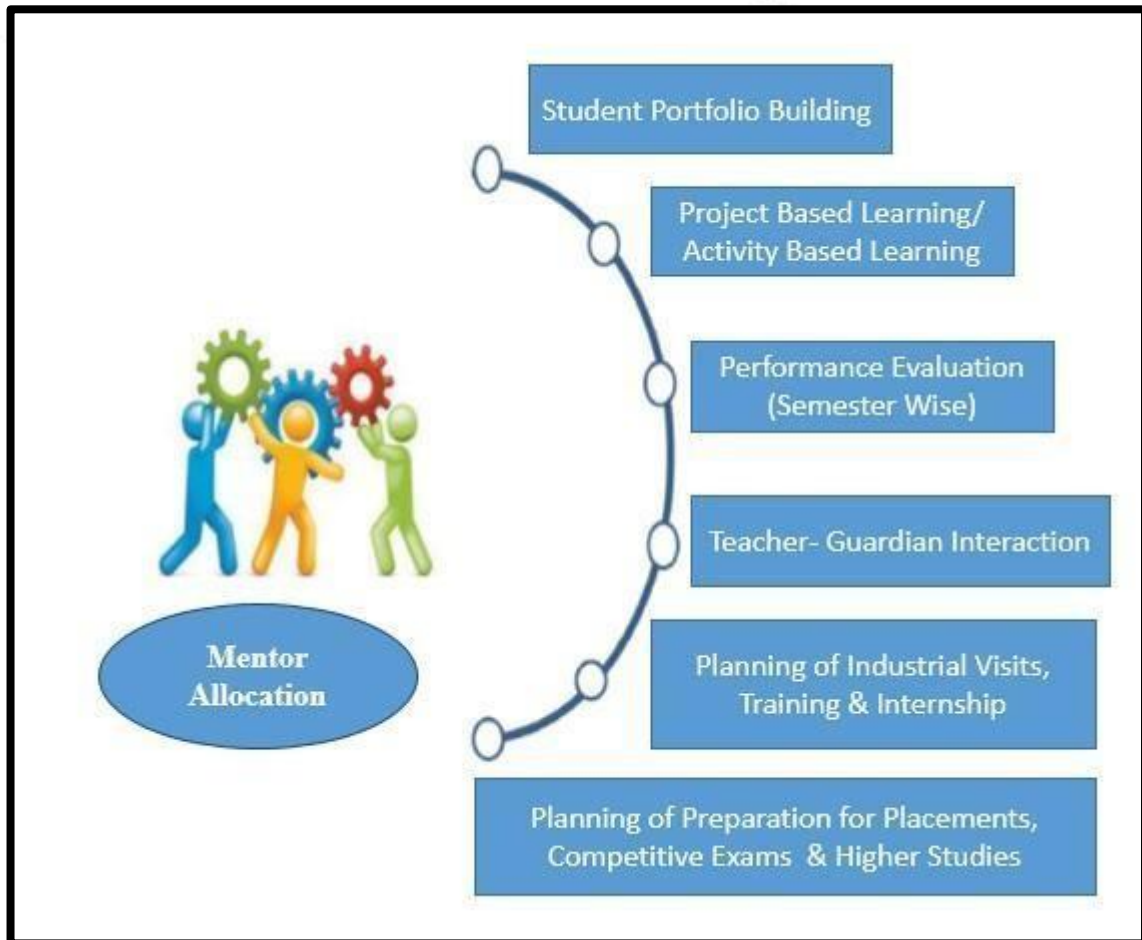
Mentoring is to provide guidance, support and encouragement to the students. Mentoring has been defined in many ways but it is a system of structured guidance whereby faculty shares knowledge, skills and experiences to help students to their lives and careers. In other words, mentoring allows the mentee to explore novel ideas in confidence. It is a chance to analyse more closely on a student's issues, opportunities and ambitions.

At NiT, the departments strongly follow the structure of the mentoring system shown in the figure above. The mentee will be highly benefited from the mentoring system.
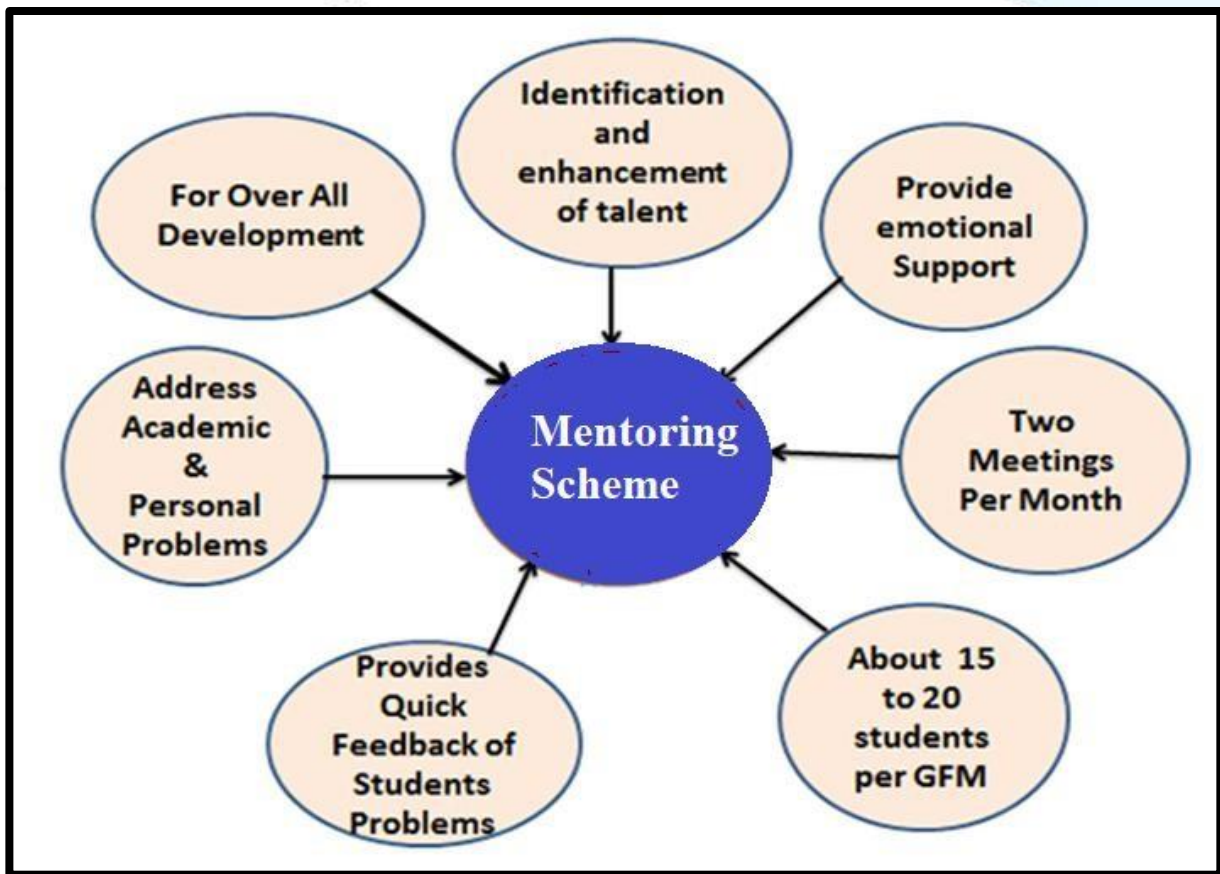
The Figure above shows the benefits of the mentoring Scheme for the students. However, if any issue of the mentee is not solved at this level, the mentee can report to the head of the department to the Registrar of the Institute and the Principal of the Institute eventually.

Grievance Redressed Mechanism

A Grievance is any discontent or dissatisfaction, whether expressed or not, whether valid or not, arising out of anything connected with the Institute that a student thinks, believes, or even feels, is unfair, unjust or inequitable. The objective of the mechanism is to Link with a well-defined Disciplinary System to make it acceptable to all.
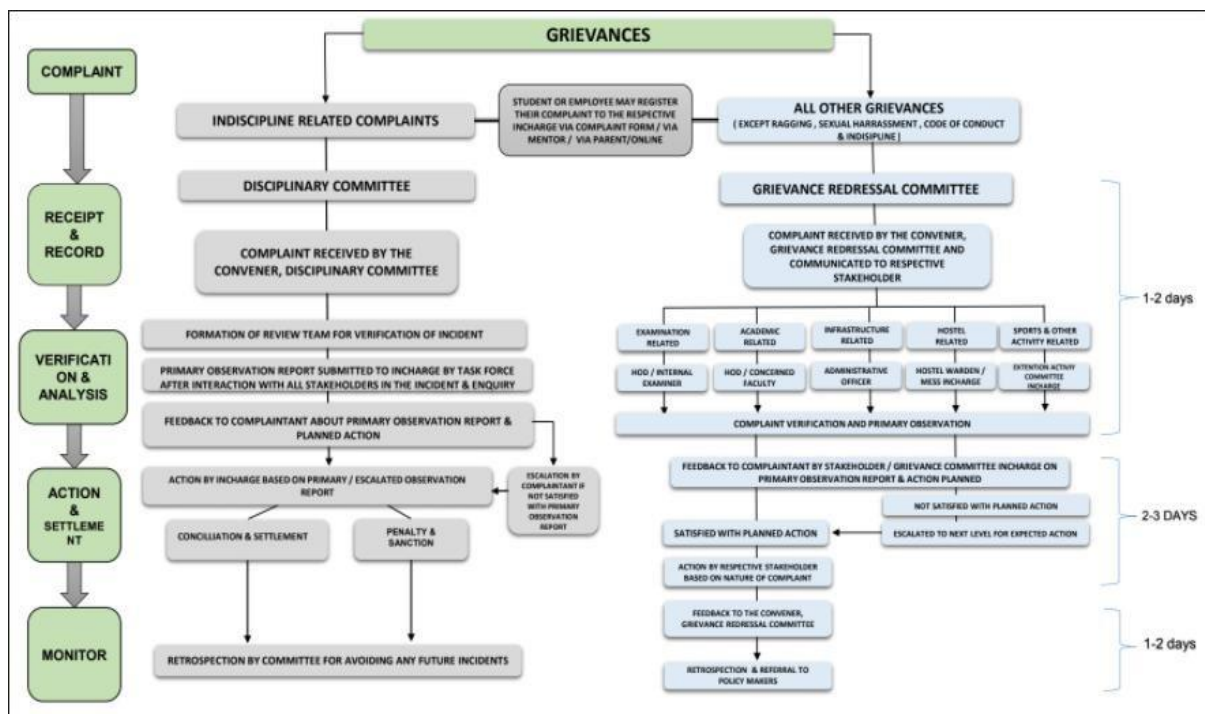
Method:

✓ General invitations to students informally drop in the reception area informally over their grievance. Students can also drop their anonymous complaints.

✓ They may even present the grievance through the official contact numbers of the institution.

✓ Through mentor and other feedback schemes, the opinion surveys may be conducted for better understanding.

✓ Through separate emails to HOD, Registrar, Principal or to the Top Management directly.

✓ A fully working online grievance redressed management system is available on the institute website.

Link: http://jisogrms.co.in/ogrmsnit/

Process Flow Diagram for Online Grievance Redressal Management System of Narula Institute of Technology
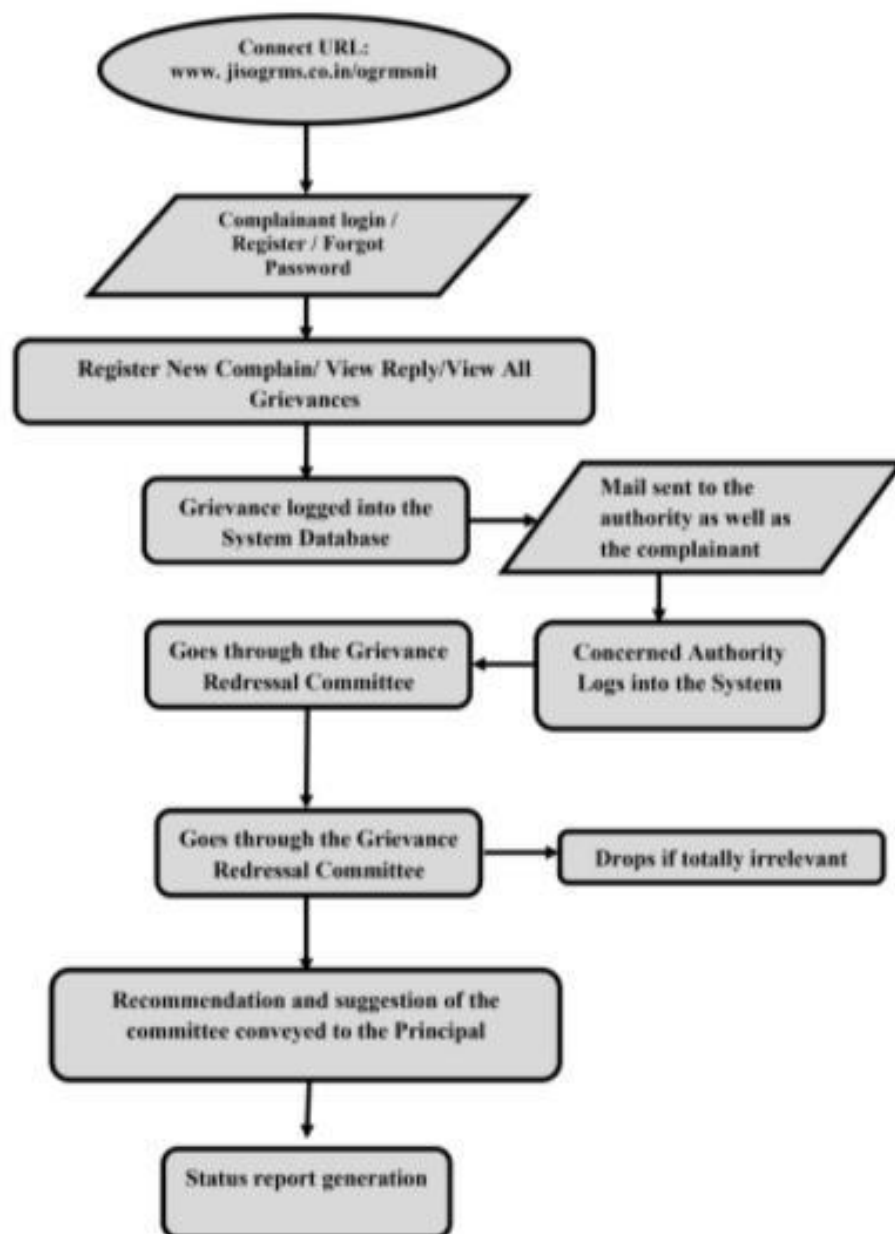
For any enquiry or informing about any problems/issues within the campus, the process to be followed is shown in the diagram below:
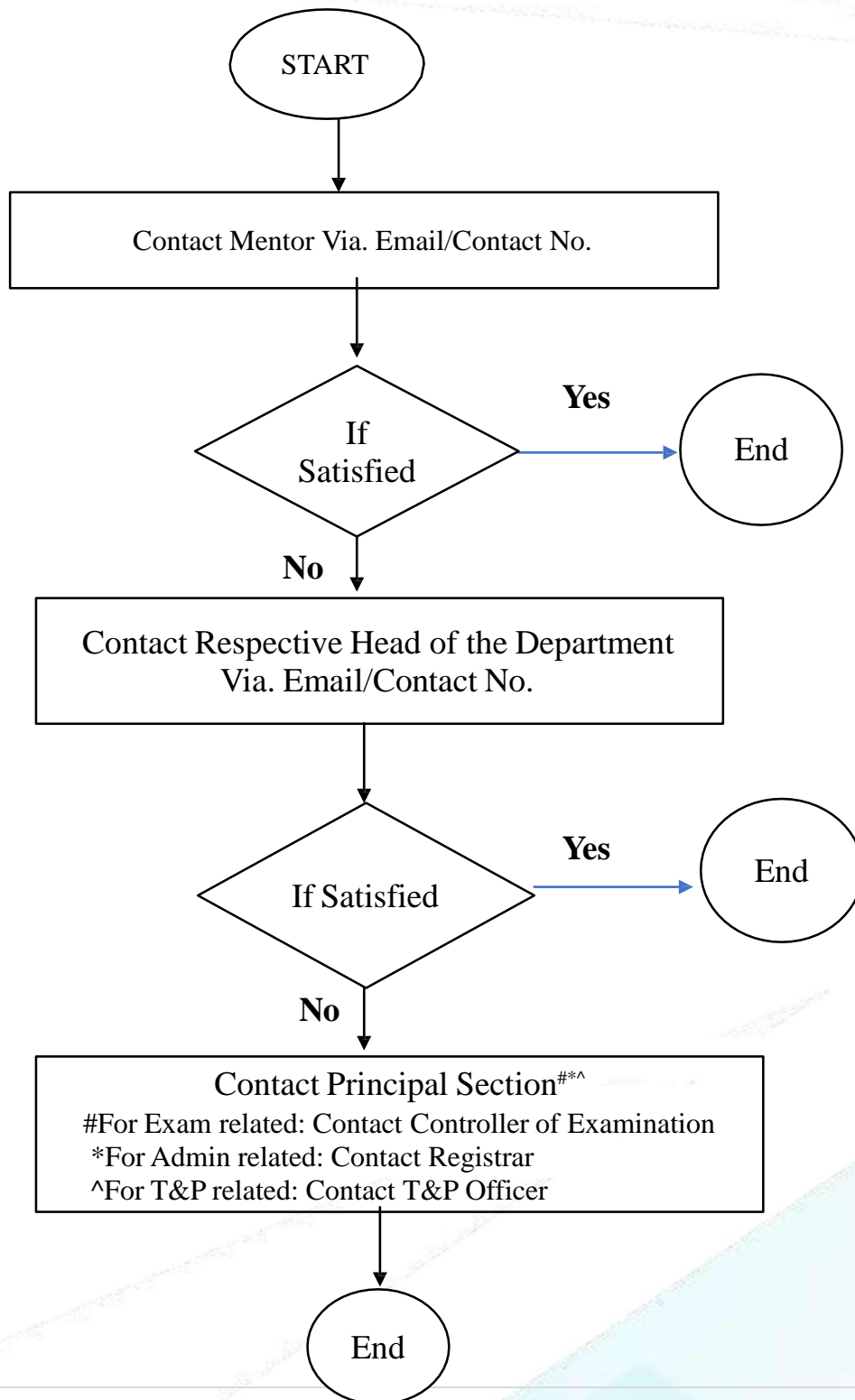
Code of Conduct for Students

In order to maintain a good academic environment, students also have a responsibility to maintain a high standard of behaviour. A student shall have to conform to a high standard of discipline and conduct himself within and outside Narula Institute of Technology (NiT) in a manner befitting the student of an institution of National importance. He shall have seriousness of purpose and shall, in every way, train himself to lead a life of earnest endeavour and cooperation.

Narula Institute of Technology (NIT) wishes to instill virtues of cleanliness, cooperation, honesty, integrity and sense of responsibility among the students, inside the Institute as well as outside. All NiT students are expected to read, understand and follow the Student Code of Conduct. Students should also be aware that not following the Student Code of Conduct could lead to disciplinary consequences such as suspension from Institute, imposing of fine and/ or exclusion from the Institute.

1. Students are expected to maintain the highest standards of discipline and dignified manner of behaviour inside as well as outside the College campus. They shall abide by the rules and regulations of the College and should act in a way that highlights the discipline and esteem of the College.

2. A five day working schedule from Monday to Friday is followed. Classes are scheduled from 10.00 a.m. to 5.30 p.m. for 1st shift and 2.10 p.m. to 7.30 p.m. for 2nd shift. Students should enter the campus in time. Maximum grace of 15 minutes will be allowed. Institute gate will be closed after that. Once the students enter the campus they shall not be allowed to leave before the end of the academic classes or after obtaining prior approval from HOD.

3. It is imperative that the student attends the Institute from the day of opening to the last day of each semester during the academic year.

4. Students must be regular in attendance for theory and practical classes. In case the attendance falls short of 75% for each, theory and practical, students will not be allowed to sit for examination.

5. Students must maintain punctuality while attending all the theory and practical classes.

6. Students must put-on a college I-Card on every day without fail and attend the college in full college uniform failing which they will not be allowed entry in the college.

7. Students should specially note that if the student fails to complete the semester academic work regularly and to the entire satisfaction of the Head of the Department, his/her term will not be granted and will not be allowed to appear for the semester examination.

8. The student should note that he/she is responsible to the authorities of the Institute not only for his / her conduct in the premises of the Institute but also for his/her general behaviour outside.

9. Use of tobacco & alcohol, chewing of betel leaves and chewing gums etc. are strictly prohibited within the premises of the Institute.

10. Use of mobile phones in the classroom is banned. The mobile phones shall be kept in silent mode inside the Institute. Use of earphones is strictly prohibited inside the college premises.

11. Students are strictly forbidden from organizing or attending any unauthorised meeting in the Institute, or collecting money for any purpose without the prior written permission of the Principal.

12. Planned absence from classes and instigating the students to remain absent or to go on strike is a serious breach of discipline and may result in expulsion from the Institute.

13. Students are forbidden from organizing Groups, Unions or Associations based on caste, colour, creed, language, nationality or political ideology within the campus.

14. Any reported, observed, objectionable conduct within or outside the premises of the Institute, will make him / her liable for strict disciplinary action.

15. Students should respect and be courteous towards the members of the faculty as well as all the employees of the Institute.
16. The Institute maintains absolute discipline and students violating this are liable for severe penalties including expulsion.
17. Students expelled on grounds of indiscipline will not be entitled to any certification or refund of fees and caution deposits.
18. Ragging of any sort is strictly prohibited. Students found guilty of this are liable for severe punishment including dismissal from the Institute / Hostel. The matter will be referred to the police, as the Government has declared ragging a criminal offence.
19. Any student found responsible for any damage to the Institute properties (fittings, furniture and equipment etc.) will be punished severely and the cost of damages along with the fine will be recovered from the students. The Institute reserves the right to expel such students.
20. No student shall take part in any anti-social or rebellious activities. No student shall be a member of any group, organization or association not connected with the Institute, without the prior written permission of the Principal.
21. Students should conduct themselves at all times in a fitting manner so as to bring credit to themselves and to the Institute.
22. Students should observe the safety regulations in the workshop and laboratories.
23. Students should take care of tools, apparatus or other equipment given to them and should preserve the cleanliness of the laboratories and the workshop.
24. Students should avail themselves of all opportunities to acquire engineering knowledge and skills during their period of study.
25. Any dress code violation noticed within the campus will attract a punishment and could initiate further disciplinary actions.
26. Students are expected to maintain silence in the academic buildings to maintain the decorum and any deviant behaviour such as hooting, whistling, loitering etc. will be treated as an instance of indiscipline.
27. For independent study, students are expected to use the classrooms, library or the demarcated areas of the academic building and shall not

resort to sitting in staircases or circulation areas where they could interfere with the free movement.

28. Access to academic buildings beyond the above timing and on holidays without written permission from the concerned HOD will be treated as a case of indiscipline.

29. Keep the campus neat and clean. Do not put any waste anywhere in the campus except in the waste baskets kept.

30. It is strongly advised to refrain from activities such as scribbling or noting on walls, doors or furniture which could deface the college and destroy the academic ambiance.

31. Students are not permitted to arrange any unauthorized celebrations and decorations of any magnitude in the campus.

32. Students are not permitted to distribute or display (both physically and electronically) material such as notices, banners etc. in the campus without the permission of the competent authority.

33. Students who intend to represent the college in intercollegiate events shall take prior permission from the concerned head of the department and the selection will be based on parameters such as academic performance, attendance, character, existing academic pressure and competence of the student in the proposed event for participation.

34. Students should strive hard and spare no effort to maintain peace in the campus. If a student gets proven in a case of gross misconduct such as violence, riots or disorderly behaviour, fraud, misappropriation of funds, immoral conduct directed on a fellow student or faculty or staff of Narula Institute of Technology (NiT), He will be subject to immediate expulsion from the Institute.

35. In matters of academic discipline, the decision of the Principal / Managing Trustee will be final.

Examination System and Regulations

A comprehensive digital infrastructure has been installed at NIT for automation of Examination Processes starting from Application Form to Distribution of Result from the Academic Year 2018-19. The summary of the online processes is given below.

1. Creation / Update of Database of Program Details according to Syllabus.

2. Online Registration of Students, Examiners and Head-Examiners.

3.Online Application, Attendance Approval and Finance Approval for Semester Examination.

4.Online Paper-setting with CO mapping and Answer Key, Online Moderation in dedicated Computer Lab and Question Paper printing secured with 128 bit PKI.

5. Digitization of Hard Copy answer scripts and online Evaluation System.

6. Online Result and printing of Grade Cards.

Schedule Examination Planning

UG Course (4 years):

Semester	Commencement of Course	1st Slot Test	2nd Slot Test	End semester Exam	Tentative Publication of Results
1	1st wk. of August	2nd wk. of September	3rd wk. of November	1st wk. December	1st wk. February
2	1st wk. of January	2nd wk. of March	1st wk. of May	3rd wk. of May	End of July
3	1st wk. of July	2nd wk. of September	3rd wk. of November	1st wk. December	1st wk. February
4	1st wk. of January	2nd wk. of March	1st wk. of May	3rd wk. of May	End of July
5	3rd wk. of July	2nd wk. of September	3rd wk. of November	1st wk. December	1st wk. February
6	1st wk. of January	2nd wk. of March	1st wk. of May	3rd wk. of May	End of July
7	3rd wk. of July	2nd wk. of September	3rd wk. of November	1st wk. December	1st wk. February
8	1st wk. of January	2nd wk. of March	1st wk. of May	3rd wk. of May	End of June

PG Course (2 years):

Semester	Commencement of Course	1st Slot Test	2nd Slot Test	End semester Exam	Tentative Publication of Results
1	1st wk. of August	2nd wk. of September	3rd wk. of November	1st wk. December	1st wk. February
2	1st wk. of January	2nd wk. of March	1st wk. of May	3rd wk. of May	End of July
3	1st wk. of July	2nd wk. of September	3rd wk. of November	1st wk. December	1st wk. February
4	1st wk. of January	2nd wk. of March	1st wk. of May	3rd wk. of May	End of July

Rules of Examinations:

1. Each discipline of the B.Tech / M.Tech / MCA program consists of the following types of items:

   1. Theory items
   2. Practical items
   1.3. Sessional items

2.The schedule of these items along with their credit points for each semester shall be as Section 6 below.

   1. At the end of each semester, there shall be an examination (here-in- after called end-semester examination) conducted by the College as per program announced by the Controller of Examinations.
   2. Back-paper Examinations, if any, shall be held with the normal end-semester examination.
   3. There shall be no separate supplementary examination under normal condition for I/II year B.Tech and MCA and M.Tech students. For the purpose of degree only supplementary examination for 5th, 6th, 7th and 8th semester for B.Tech & MCA students shall be held within one month of the publication of last semester examination results.

3. Evaluation of course items:

The evaluation of course items listed in Section 5.1 shall be done as per the following guidelines:

1. **Theory Items: 100 percentage point/marks**

Each item under this classification shall be evaluated on the basis of 100 percentage point/marks, sub-divided into the following 2 categories:

1. End-Semester Examination: **70 points/marks**
   Operational Guidelines:
   1. There shall be more than one internal and external Paper setter to be decided by the respective Board of Studies. The internal paper setters are necessarily the subject teachers engaged in teaching the subjects in the College. External Paper setters are to be chosen from outside the College who are engaged in academic and/or research activities in any academic/research Institute of repute, Government or Non-Government/Self-financing type. The Paper setters shall be appointed by the Controller of Examinations (COE).
   2. There shall be a panel of external Moderators to be decided by the respective Board of Studies. One Moderator shall be selected from this panel and appointed by the Controller of Examinations for each subject.
   3. Examiners shall be appointed from both internal faculty engaged in teaching the respective subjects and external faculty engaged in academic and/or research activities in any academic/research Institute of repute, Government or Non-Government/Self-financing type. Internal faculty engaged in teaching the respective subjects shall be appointed as Head Examiner for checking, scrutinizing and re-evaluating answer scripts of each theory subject.
   4. Checking/Evaluation of scripts shall be completed and award list shall be submitted within a reasonable time as stipulated by the COE after the completion of examination to the Controller of Examinations.
   5. The entire evaluation work and subsequent encoding/decoding and tabulation work shall be completed within a reasonable time after the completion of the examination as decided by the Controller of Examinations.
   6. The remuneration of Paper Setters, Moderators, Examiners and Head Examiners shall be proposed by the Finance Committee and approved by the Academic Council.

2. Slot tests/Class tests/Assignments/attendance: **30 points/marks regarded as *Internal Assessment***

   Operational Guidelines:

1. 30 marks are distributed as follows:

   Internal Tests: 15 marks

   Assignment & Quiz: 10 marks

   Attendance: 5 marks

2. The 1st Slot Test examination shall be centrally conducted by the Examination Section. The Second Slot Test examination shall be coordinated by respective departments and conducted in regular class periods.

3. The Controller of Examinations shall ordinarily set the Slot Tests examination schedule and announce examination dates as per academic calendar of the college.

4. Slot Test examination scripts shall be checked / evaluated by the subject teacher and duly filled-up marks slips shall be submitted to the Controller's office well before the commencement of End-semester examinations. The answer scripts of the Slot Tests conducted for two semesters shall be kept as records by the course teachers.

5. The Class Tests & Quiz shall be conducted by course teachers. A minimum of one Class Test per course module as per syllabus shall be conducted by the course teacher. Quiz shall be conducted for every lecture as per Lesson Plan. A minimum of one assignment per course module shall be assigned by course teachers.

6. Tutorial periods shall be used by course teachers for Continuous Evaluation.

7. Assignments are to be given in all of the following forms (each form develops unique skills within the students):

   1. Problem Solving—Numeric and conceptual

   2. Term paper – A systematic report on a topic to be submitted under the guidance of faculty members after doing necessary exploration of knowledge on the topic.

   3. Mini project – A small project on the topic or problem assigned by the teacher and covered by the course being taught. The duration of the project must not be more than one month.

   4. Presentation & Seminar – The student will prepare a PPT on a topic relevant to the course and present with PPT for 10 minutes

under the guidance of the course teacher.

3.2.   Practical Items: 100 percentage point/marks

Every item in this category shall be evaluated out of 100 percentage points, divided under two broad categories as detailed below:

3.2.1. End-Semester Examination: **60 points/marks (20+40)**

Operational Guidelines:

1. There shall be Viva-voce examination in each Laboratory item, essentially in presence of an External Examiner, to be nominated by the respective Board of Studies.
2. The course teacher/internal examiner shall assist the External Examiner during such Viva-voce examination. The assessment of student performance in viva-voce shall be done in consultation with the external examiner. (20 Marks)
3. The course teacher shall randomly assign experiments to be conducted by groups of students during the laboratory examination (one experiment by a group of not more than 4 students). The assessment of the student performance for experiment shall be done in consultation with the external examiner. (40 Marks)
2. Laboratory and Sessional : 4**0 points/marks**

Operational Guidelines:

1. The course teacher(s) shall be the sole authority for finalizing the award under this item.
2. The course teacher shall assess the students on the basis of Attendance & Regularity, Preparedness for Conduct of Experiment, Initiative to Learn / Interact and presentation of Laboratory Report, its Regularity in Submission and Conduct etc.
3. Continuous Evaluation sheet shall be maintained for each student in each laboratory class.
4. The course teacher shall finalize the award (out of 40 marks) before the End-semester Examination based on the Continuous Evaluation sheets for each student and submit the same under scaled cover to the Controller of Examinations.

3.3. Assessment of Online courses, Internships, Employability Skills & Projects (Sessional Items): 100 percentage point/marks.

Explanation / Operational Guidelines:

Sessional items are those where the formal Institutional contact hours are not specified, (viz. Online courses, Internships, Co-curricular/Extra-curricular activities etc.), or there are no formal End-semester examinations of the written kind, (viz. Comprehensive Viva-voce, Seminar, Industrial Visits, etc.). For all items under these categories, the evaluation shall be done in presence of at least one External Expert of the relevant field, as nominated by the respective Board of Studies.

The norms for assessment for sessional items may vary from item to item. A broad guideline is appended below:

1. For items which are conducted outside the Institution viz. Practical Training, Co-curricular/Extra-curricular activities, Industrial visits, if any, etc. – assessment may be made on the basis of Item Supervisor's assessment, Report submitted by the student if any, Participation and Attendance and Viva-voce examination conducted by the concerned teacher/supervisor and an External Examiner selected from a panel nominated by the respective Board of Studies.

2. Items conducted in the Department/Institution/College viz. Projects, Mini Projects, seminar, comprehensive Viva-voce – may be evaluated by as many faculty as possible of the Department including the Head of the Department and preferably in presence of an External Expert, based on Participation and Attendance in the Project work, Performance in online courses completed, Presentation and Content of the Seminar presented, Capability to Address the Questions by Participants.

    The award list for this item shall be finalized by the members of Faculty and the External Examiners and the Head of the Department shall forward the statement of such marks in sealed cover to the Controller of Examinations.

4. Grading System and Declaration of Result:

1.   The Grading System:

Rules Governing the Grading System and Declaration of Results:

1.   A seven point Grading System on a base of 10 shall be followed in the University. Categorization of these grades and their correlation shall be as under:

Qualification	rade	ore on 100 Percentage Points	oint
Outstanding	O'	100 to 90	10
Excellent	E'	89 to 80	9
Very Good	A'	79 to 70	8
Good	B'	69 to 60	7
Fair	C'	59 to 50	6
Below Average	D'	49 to 40	5
Failed	F'	Below 40	2

2.   A transitory letter grade I (carrying points 2) shall be introduced for cases where the candidate fails to appear in End Semester Examination(s) and where the results are incomplete. This grade shall automatically be converted into appropriate grade(s) as and when the results are complete.

3.   No student shall be allowed to receive/complete the final degree with any 'I' or 'F' grade.

4.   There shall be no class/division awarded to a student either at semester or degree level.

5.   The college shall declare the DGPA of a student on the final semester grade sheet/card. The DGPA is defined as under:

1.   A student's level of competence shall be recognized by a GRADE POINT AVERAGE to be specified as:

SGPA – Semester Grade Point Average
YGPA – Yearly Grade Point Average
DGPA – Degree Grade Point Average

2.   Definition of items:
   1.   POINT – Integer qualifying each letter grade.
   2.   CREDIT – Integer signifying the relative emphasis of individual course item(s) in a semester as indicated by the course structure and detailed syllabus.

   4.1.5.2.3. CREDIT POINT = (7.1.5.2.1) × (7.1.5.2.2) or (POINT) × (CREDIT)

   4.   **CREDIT INDEX =** $\sum$ *Credit Point* of course items in a semester.

   5.   GRADE POINT AVERAGE =

$$\overline{\qquad\qquad}$$

But, it is always qualified by the specified period reference, as detailed below:

SEMESTER GRADE POINT AVERAGE (SGPA)

$$= \overline{\qquad}$$

YEARLY GRADE POINT AVERAGE (YGPA)

$$= \overline{\qquad\qquad\qquad\qquad} \quad \text{for an}$$
academic year.

CUMULATIVE GRADE POINT AVERAGE (CGPA)

$$= \overline{\qquad\qquad\qquad} , \quad \text{where} \quad n=8 \quad \text{for}$$
4 years program,

                                 n=6 for 3 years program,
                                 n=4 for 2 years program.

DEGREE GRADE POINT AVERAGE (DGPA)

For 4 Years Degree Course

For Lateral Entry Students

_____

For 3 Years Degree Course

_____

For 2 Years Degree Course

_____

4.2. In order to pass the B.Tech/M.Tech/MCA program, a candidate must obtain at least D grades in each of the Theory, Practical and Sessional items and a DGPA of 6.0 within a period of 7 academic years from the date of admission to the program.

5. Conduct of End Semester Examination

1. COE shall notify the dates of examination form fill-up normally a week in advance. The examination form fill-up shall be completed one week before the conduct of the examinations.
2. The process of examination form fill-up by students shall be through an online system as far as practicable. The Accounts section shall approve the eligibility of students based on semester fee clearance. HODs shall approve the eligibility of students based on attendance and disciplinary actions.
3. The fees for the examination form fill-up shall be proposed by the Finance Committee and approved by the Academic Council.
4. COE shall be responsible for smooth and proper conduct of examination in the Institute.

6. Central Assessment
1. Assessment of answer scripts of semester end examination shall be done in a central online system by internal as well as external examiners.
2. Answer key shall be prepared by Paper Setters / Head Examiners for all subjects and uploaded in the online system as far as practicable.
3. Step-wise marks shall be awarded for each solved question.
4. The evaluator shall put only tick / cross marks in the answer script. He/She shall place the marks for answers in specified spaces provided in the online evaluation system. He shall put any comments / feedback on the answer script in the specified box for the purpose.
5. He / She shall put a signature with his / her name in a separate marked foil printed from the online evaluation system.

6. Semester End Examination Result
Results will usually be declared after one month from the date of the last examination. After all grievances are addressed, the final result will be declared by the COE office.

YGPA shall be indicated on the even semester grade card/sheet.

8. Post Publication Scrutiny (PPS)
If a student is aggrieved by the marks declared, he/she may apply for scrutiny and recounting of marks in answer books by paying a prescribed fee.
1. Scrutiniser shall see that the examiner attempted the questions considering the internal choice and shall check whether the marks given by the evaluator are as per the marks allotted to the questions.
2. Scrutiniser shall see all questions and sub questions are valued and awarded marks.
3.Scrutiniser shall report to COE in case of any discrepancy, and COE shall get it corrected.

9. Post Publication Review (PPR)
If a student is aggrieved by the marks declared, he/she may apply for the revaluation of the answer book by paying a prescribed fee. All the cases

of revaluation where the change in marks occur, they should get corrected.

Process Diagram to be followed for Exam Form Fillup of Semester Examination are given below

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                                              ┌──────────────────────────┐
                          ┌───────┐           │   REGISTRATION FOR       │
                          │       │           │   GETTING LOG IN ID &    │
                          │ START │──────────▶│   PASSWORD               │
                          │       │           │   (ONE TIME)             │
                          └───────┘           └──────────────────────────┘
                              │
                              ▼
        ┌─────────────────────────────────────────────────────┐
        │   LOG IN TO EXAMINATION PORTAL                        │
        │   url:http://122.252.249.26:125/Forms/WencomePageOnlineFees.aspx?branch_id=3 │
        └─────────────────────────────────────────────────────┘

        ┌──────────────────────────────────┐
        │   EXAMINATION FORM FILL UP        │
        └──────────────────────────────────┘

                    ◇ IF                    N    ┌──────────────────────────┐
                      ELIGIBLE              O    │   REQUIRES THE            │
                      FOR EXAM  ───────────▶     │   APPROVAL FROM          │
                                                 │   ACCOUNTS AND           │
                      YES                        │   DEPARTMENT             │
                                                 └──────────────────────────┘
        ┌──────────────────────────────────┐
        │   EXAMINATION FORM                │
        │   SAVED AND PRINT                 │
        └──────────────────────────────────┘

        ┌─────────────────────────────────────────────────────┐
        │   LOG IN TO REQUISITE EXAMINATION FEES PAYMENT        │
        │   url:http://jisexams.in/JISEXAMS/LoginScreens/frmStudentLoginPage.aspx │
        └─────────────────────────────────────────────────────┘

                                                 ┌──────────────────────────┐
                    ◇ IF APPROVED BY       N     │   REQUIRES THE            │
                      ACCOUNTS DEPT. ──────O─────▶│   APPROVAL FROM          │
                                                 │   ACCOUNTS AFTER         │
                      YES                        │   CLEARING THE FEES      │
                                                 │   DUE                    │
                                                 └──────────────────────────┘
        ┌─────────────────────────────────────────────────────┐
        │   ADMIT CARD GENERATION FROM EXAMINATION PORTAL       │
        │   url:http://122.252.249.26:125/Forms/WencomePageOnlineFees.aspx?branch_id=3 │
        └─────────────────────────────────────────────────────┘

                          ╭───────────╮
                          │  READY TO │
                          │  APPEAR   │
                          │  FOR EXAM │
                          ╰───────────╯
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National and International Collaborations

1. National Collaboration with Institution of Electronics and Telecommunication Engineers (IETE)

The Institution of Electronics and Telecommunication Engineers (IETE) is India's leading recognized professional society devoted to the advancement of Science and Technology of Electronics, Telecommunication & IT, founded in 1953. The IETE Students' Forum of NIT has been set up with 52 student members from ECE dept through the involvement of faculty members of the department. The IETE Centre, Kolkata region provided support and coordination in the establishment of the forum.

The department of Electronics and Communication Engineering has a collaboration with ISF to give a platform for the student members to exchange ideas by organizing/participating in technical programs and activities. They would get the benefit for technical visits / practical training / project work in R&D laboratories/ industries that increases their spirit of self-reliance and professionalism.

2. National Collaboration with Jadavpur University

Narula Institute of Technology is pleased to sign an AGREEMENT with the IC Design and Fabrication Centre under the Department of Electronics & Tele-Communication Engineering of JADAVPUR UNIVERSITY in December 2019 Kolkata.

Prof. Subir Kumar Sarkar of ETCE Department, Jadavpur University and Registrar, JU represented Jadavpur University for signing the MOU while NIT was represented by Prof. (Dr.) M. R Kanjilal and HOD, ECE Dept, Dr. Saradindu Panda.

The key focus of the AGREEMENT is towards collaborative exchanges of knowledge, Certification Course on training of present and future batches of

students of NIT for contributing positively in the national talent pool, exchange of ideas, networks and resources between Jadavpur university and NIT.

3. National Collaboration with National Highway Authority of India

A MOU has been signed between National Highway Authority of India and Narula Institute of Technology on 26/11/2020

NiT adopted a stretch between Dankuni and Palsit of NHS as a voluntary initiative under ambit of Institutional Social Responsibilities (ISR), Energy Audit, Green Audit & Environmental Audit have been carried out in the Institute in the Month of January- February, 2021. ISO 9001- 2015 certification has been done in March 2021.

4. International Collaboration with Asian Institute of Technology, Bangkok

A MOU has been signed between AIT, Bangkok and JIS Group of educational initiatives on 16th March,2015. Every year, since 2015, 3rd year B.Tech students and faculty members visit Asian Institute of Technology, Bangkok as part of their 2 weeks winter education camp. The students who scored above 8.75SGPA throughout their course are selected and after appearing for the Qualifying Test, attend the program. Students went through live interactive classes, projects and assignments from one of the top faculty members at AIT, Bangkok.

5. NiT Participated in the 2nd "Innompic Games,2018" at the University of Kuala Lumpur, Malaysia

Narula Institute of Technology has participated in the 2nd Innompic Games,2018 which was held from 27th September-30th September, 2018. Six number of students-Sayantan Mitra, Supravat Roy, Uday Sankar Saha, Avipsa Basak,Srijita Dutta, Ramrick Ganguly along with 2 Mentors: Mr. Kaushik Sarkar and Ms. Susmita Das has participated in the event.

INNOMPIC Games 2018 was a platform where the students from all around the globe were given a chance to show their technical efficiency and skills to develop an innovative business model to grow as an entrepreneur which is called the "Global Innovation Acceleration".

6. International Collaboration:

NiT Participated in the International Knowledge Sharing Week at Moscow, Russia from 25th September- 6th October 2019.

NiT students and faculty members attended the International Knowledge sharing week at Moscow, Russia from 25th September, 2019- 6th October, 2019. The students had training and skill development sessions, universities and public visits, cultural programmes etc. They also visited 'Bunker 42',a secret nuclear bunker at Taganskaya that was made during World War ll. They went through training at Science Park, MSU, on hard skills, artificial intelligence, big data & internet of things. The students learned a lot from this visit and had an enriching experience from the experts around the world.

Clubs @ NiT

There is an active student council in the institute. The Student Council is formed in the month of July (after the commencement of the academic year). The registrations to the clubs are done online and the portfolios are nominated by the college authority. The primary aim of the constitution of such a council is to develop leadership qualities and make the students socially responsible. The activities related to various technological and non-technological oriented projects help to enhance their hidden talent and creativity which are exposed through different clubs.

The Clubs with faculty in charge with their contact details are as follows:

Name of club	Faculty Incharge	Contact Details and email ID
Science Club	Dr. Sarbani Ganguly	Ph:9433088784 Email: sarbani.ganguli@nit.ac.in
Tech Club	Mr.Pranab Hazra	Ph:7003481575 Email: pranabhazra2017@nit.ac.in
Mathematics Club	Dr. Avishek Chakraborty	Ph:8981348890 Email: avishek.chakraborty@nit.ac.in
Art & Designing Club	Mrs. Dipu Mistry	Ph: 9432504856/9123636498 Email: dipu.mistry@nit.ac.in
Literary Club	Ms. Rajasi Ray	9339147460 rajasi.ray@nit.ac.in
Photography Club	Mr. Soumen Ghosh	Ph:9874873362 Email: soumen.ghosh@nit.ac.in
Music Club	Payel Mondal	Ph: 99903486143 Email: payel.mondal@nit.ac.in
Sports Club	Dr. Subhram Das	Ph:9836588070 Email: subhram.das@nit.ac.in
Dance Club	Ms. Moupali Roy	Ph:9475627962

		Email: moupali.roy@nit.ac.in
Environmental Education Society Club	Dr. shilpi Pal	Ph: 8910517242 Email: shilpi.pal@nit.ac.in
Community ConnectClub(NSS Activities)	Dr. Nikhilesh Sil	Ph: 9830720155 Email: nikhilesh.sil@nit.ac.in
Event Coordinatio Club	Ms. Tamashree Biswas	Ph: 9477356705 Email: tamasree.biswas@nit.ac.in

Various activities are initiated by the above mentioned clubs , some of the activities that are initiated are mentioned below:

1. Workshops & Seminars
2. Annual Sports
3. Publication of magazine
4. Intra and Inter college academic competitions
5. Debates & Quizzes
6. Exhibitions
7. Industry Visits
8. Campus Beautification Program
9. Social Service
10. Intra and Inter college non-academic competitions

The Student Clubs inculcates strong values to its student body. They are highlighted below:

●Wishes to enhance the quality of life for students by promoting a safe, secure and environmentally conscious campus.

● strives for innovation and continuous improvement in all that we do to increase the level of service offered to students.

●Wants protection of intellectual freedom and an environment conducive to student discussion on all issues.

Annual Cultural and Sports Activities

NiT organized many cultural and sports activities centrally organized throughout the year. Some of the grand/major cultural and sports events are as listed:

A. List of Cultural Events:

Sl No.	Tentative date/month	Event Name
1	May-June	Farewell Program "BIDDING ADIEU 2019
2	15th Aug, 2019	Independence Day Celebration
3	17th Aug, 2019	NiT Foundation Day Celebration
4	5th Sep,2019	Teachers Day Celebration
5	September	Freshers Welcome, Parichay 2k19
6	23rd December	Alumni Meet named as "Nostalgia"
7	24th December	Pre-Christmas Celebration
8	February	Inter School Winter Carnival named ECSTASY
9	March	The Cultural Fest: NAVODAYA 2020

B. List of Sports Events:

Sl No.	Tentative date/month	Event Name
1	January	Winter Camp Rock Climbing
2	21st June	International Yoga Day
3	February	Annual Sports Meet

However, there are many other small cultural/sports events organized at departmental levels in the institution.

Directory of NiT

Sectional Heads	Name with Addresses	Contact no. and emails	Purpose
Principal	Prof.(Dr) Maitreyi Ray (Kanjilal) Address: 81,Nilgunj Road,Agarpara,Kolkata-700109, West Bengal **PA to Principal:** Ms. Aparna Sarkar	Ph: 033-25637777 / 033-25837029 **Email: principal_nit@jisgroup.org** Ph: 8240950052 Email: pa_principal.nit@jisgroup.org	To Contact Principal Section
Registrar	Ms. Nidhi Singh	Ph: 8902496650 Email: nidhi.singh@jisgroup.org	
Executive Administration	Ms. Punita Gaba	Ph:9883523233 Email: executive_admin.nit@jisgroup.org	
Admission	Mr. Subham Mal Mr. Kalyan Singha Roy	Ph: 033 25638888/ 8902496651/ 6291977702 Email: admission@nit.ac.in	For Enquiry related to admission
Accounts	Mr. Debasish Das	Ph:8240177045/ 7872688808 Email:	For Enquiry related to accounts

		accounts.nit@jisgroup.org	
Controller of Examination	Prof. Amlan Chakraborty	Ph: 9331219030 Email: coe_nit@jisgroup.org	For Enquiry related to examination
	Assistant Controllers: Mr. Soumen Ghosh	Ph:9874873362 Email: assistantcontroller_nit@jisgroup.org	
	Mrs. Priyanjali Mukherjee	Ph: 9163766068 Email: priyanjali.mukherjee@nit.ac.in	
Library	Mrs. Medha Ray	Ph:7031805872 Email: library@nit.ac.in	For Enquiry related to Issue of books
Computer Science and Engineering	Mr. Jayanta Pal	Ph: 9831686279 Email: head_cse.nit@jisgroup.org	For Enquiry related to CSE Departmental activities.
Electronics and Communication Engineering	Dr. Saradindu Panda	Ph:9051820335 Email: head_ece.nit@jisgroup.org	For Enquiry related to ECE Departmental activities.
Information Technology	Dr. Bidyut K Medya	Ph:9830160783 Email: head_it.nit@jisgroup.org	For Enquiry related to IT Departmental activities.
Electrical Engineering	Dr. Nabamita Bannerjee	Ph:9477106164 Email: head_ee.nit@jisgroup.org	For Enquiry related to EE Departmental activities.

Civil Engineering	Prof. Dr. Biman Mukherjee	Ph: 9836877000 Email: head_ce.nit@jisgroup.org	For Enquiry related to CE Departmental activities.
Mechanical Engineering	Dr. Sumit Chabri	Ph:9830363201 Email: head_me.nit@jisgroup.org	For Enquiry related to ME Departmental activities.
Electronics and Instrumentation Engineering	Prof. Bansari Deb Majumder	Ph: 9903768390 Email: head_eie.nit@jisgroup.org	For Enquiry related to EIE Departmental activities.
Basic Science and Humanities	Dr. Sumit Nandi	Ph:9830548335 Email: head_bs&hu.nit@jisgroup.org	For Enquiry related to BS&HU Departmental activities.
In-charge of Hostels	Mr. Ratan Das	Ph: 7003403637 Email: rkd.ratan@gmail.com	For Enquiry related to hostel
Diploma In-Charge	Dr. Bikash Panja **Sectional Co-ordinators** For ETCE Prof. Soumen Pal For EE Prof. Dipu Mistry For CE Prof. Rajkumar Bannerjee	Ph: 9475970370 Email:incharge_diploma.nit@jisgroup.org Ph: 9775761452 Email: soumen.pal@nit.ac.in Ph: 9123646498 Email: dipu.mistry@nit.ac.in Ph: 6289679528 Email: ban.rajkumar@nit.ac.in	For Enquiry related to Diploma Courses.

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