



2016
2017

ANNUAL REPORT

NATIONAL INSTITUTE OF TECHNOLOGY SIKKIM

An Institute of National Importance



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VISION

India has the capability and the responsibility to offer the World, Science & Technology essentially with sustainability, through philosophy, conscience and value system. NIT Sikkim will play its role.

MISSION

To develop the students as 'Thinking Engineers' by nurturing them in attaining and enjoying the technical and scientific excellence, global exposure and at the same time in beholding the philosophy and the values for India and the world as a whole.



GOALS

- Help the engineering professionals recognize the quality and significance of their teaching, research, scholarship, service, outreach and leadership.
- Enhance the commitment of faculty, staff and students to the centrality of diversity, social justice and democratic citizenship.
- Provide leadership in the collaborative, professional relationships with schools, organizations and other institutions focused on the improvement of educations in school.
- Enhance the effective and efficient management of the institute.
- Sustain the caring, supportive climate throughout the institute.
- To evolve a system and to create an environment in which the students can realize their potential and their responsibilities to earn create, implement and disseminate knowledge for improvement of human life with natural and social sustainability.

HISTORICAL BACKGROUND

National Institute of Technology Sikkim (NITSKM) is one among the ten newly sanctioned NIT(s) by the Government of India in 2009 under the Eleventh Five Year Plan. It is established in the temporary campus in the Barfung Block, Ravangla Sub-division of South Sikkim.

LOCATION

Presently, the institute is located in a temporary campus at Ravangla, Barfung Block, South Sikkim and covers an area of approximately 13 acres. The New Jalpaiguri Railway Station and Bagdogra Airport are respectively 118 and 122 km away from the Campus.

CAMPUS

The temporary campus includes following facilities:

- The present campus of NIT Sikkim at Ravangla, although temporary in nature, is also housed within a plethora of conveniences and an abundance of natural amenities. It is located close to the Jawahar Navodaya Vidyalaya Ravangla campus. The State Bank of India Ravangla branch, post office with speed post facility, and an army hospital are located within 2.5 kms from the institute campus. There is also a health centre situated in Ravangla.
- Sixteen three-storied blocks, each with six 2-bedroom apartments, totalling to 96 apartments in the campus. These are utilized as boys' hostels, girls' hostels, faculty apartments and staff apartments. Each apartment has been furnished with cots, tables and chairs.
- There is one Academic Building and the rooms of the building are utilised as class rooms (three nos.), two computer rooms, four faculty rooms and indoor badminton court. Necessary benches & desks, tables, chairs and almirahs are purchased as and when required.
- One proposed Administrative Building with 7 rooms, completed and is functional at present. Apart from three rooms being used for administrative operations, the building houses one meeting room for faculty/administrative/Directorial meetings, a store-room for academic documents, a chamber for the Director of the institute and the minimum necessary facilities. All rooms are provided with required furniture.
- Prefab Hostels
- A common play ground is also available and used by students for certain outdoor games.
- Another common playground is being prepared.
- One indoor playground has been reconstructed using the courtyard space in the academic building. The space is presently used for badminton by faculty and students both.
- One more ground especially for girls is prepared where they may play sports like volleyball, Kho Kho, kabaddi, etc. The ground may also be used for boys' sports activity.
- Approximately 3 acres of land surrounding the campus is fenced. The road connectivity between Ravangla town and NIT Campus is good. Presently, there are two vehicles for official duty and one dedicated ambulance for medical emergencies which operates between the campus and nearby hospitals. For student's transportation, there are two (one hired) buses which runs frequently.

STATUS OF PERMANENT LAND FOR CAMPUS

it has been almost seven years since the Institute started functioning. However, land has yet to be allotted for the permanent campus. Initially, a land was allotted at Khamdong following an official inspection on 24th August, 2011. However, the land has not been transferred to NIT. Another site near Thekabong (Near Pakyong) was proposed in 2015. But the Site Selection Committee constituted by the MHRD did not find the site suitable and subsequently rejected it.

Recently, MHRD, Govt. of India has constituted A Site Selection Committee (F.No.21-6/2010, TS-III dated 07-11-2016) to visit a new site measuring 111 acres of land located at Ravangla. The new site has been identified by the State Government of Sikkim for establishment of permanent campus of NIT Sikkim. However, MHRD didn't find the proposal suitable for establishing the technical institute and rejected the proposal vide letter No. F21-6/2010-TS.III dated 26th July, 2017.

INFRASTRUCTURE DEVELOPMENTS

All infrastructures related activity is managed by the Building and Works Committee of NIT Sikkim. In the year 2016-17, the Institute has taken up the following projects which are either under construction or completed.

- Construction of Prefabricated Hostel in Phase II:
The construction work of the prefabricated hostel in Phase-II was assigned to CPWD. This work is completed and presently Boys' students are residing in this hostel.
- Construction of approach road, drainage for Prefab Hostel in Phase II:
This work has been assigned to CPWD and most of the work is completed.
- Repair and renovation of kitchen, dining hall and toilet of boys mess now to be used as Mechanical Laboratory:
This work is assigned to CPWD and the work is under progress.
- Construction of kitchen cum dining block in Prefabricated structure:
The construction of kitchen cum dining block in prefabricated structure was assigned to CPWD and is completed. Now the dining hall has the capacity to accommodate hundred students.
- Construction of workshop shed-1, Fluid mechanics laboratories (shed-2) and structural & civil laboratories (shed-3):
These construction works of shed-1, shed-2 and shed-3 are assigned to CPWD. The construction works of these sheds are under progress.
- An 11 kV dedicated line for the power supply at NIT Sikkim, Ravangla campus:
Considering the continuous power failure and regular fluctuations in power supply in Ravangla region, an 11 kV dedicated line for the power supply at NIT Sikkim, Ravangla campus is installed successfully.
- Installation of a 200 kVA Generator set



Prefabricated Hostel in Phase II

3-phase 40 kVA UPS for HPC data center

Construction of kitchen cum dining block

- A 200 kVA generator set with an AMF control is already installed at Ravangla Campus. However, the testing and commissioning part is yet to be done by CPWD (Electrical). This 200 kVA generator set will be used to provide power backup to all the in-campus buildings of the institute.
- Installation of a 3-phase 40 kVA UPS for HPC data center:
A 40 kVA UPS is installed and commissioned at Ravangla campus to provide a regulated power supply to the HPC data center.



Workshop shed-1, Fluid mechanics laboratories (shed-2) and structural & civil laboratories (shed-3).



200 KVA Generator

A 11 KV dedicated line for the power



ACADEMIC FACTS AND FIGURES

Programmes Offered

Courses Presently Offered

- B. Tech. in Computer Science and Engineering
- B. Tech. in Electronics and Communication Engineering
- B. Tech. in Electrical and Electronics Engineering
- B. Tech in Civil Engineering
- B. Tech in Mechanical Engineering
- B. Tech in Bio Technology

Courses Offered for Postgraduate Degree:

- M. Tech in Computer Science and Engineering
- M. Tech in Electronics and Communication Engineering

Courses Offered for PhD Degree:

- Computer Science and Engineering
- Electronics and Communication Engineering
- Electrical and Electronics Engineering
- Mechanical Engineering
- Physics
- Chemistry
- Mathematics
- Humanities and Social Sciences
- Interdisciplinary areas.

Student statistics during 2016-17

1. Undergraduate Degree: Course offered in B Tech and student strength

Branches	Sanctioned Intake 2016	Year wise strength of Students				Total Ongoing (All years)
		1 st Year	2 nd Year	3 rd Year	4 th Year	
Computer Science and Engineering	45	40	28	22	19	109
Electronics and Communication Engineering	40	29	20	13	13	75
Electrical and Electronics Engineering	40	25	16	19	14	74
Civil Engineering	30	19	21	14	18	72
Mechanical Engineering	30	20	20	20	00	60
Biotechnology	30	04	07	NS	NS	11
Total	215	137	112	88	64	401

NS: Branch not started.

Note: out of 401 Students 341 boys & 60 Girls, **Category wise:** 57 SC, 40 ST, 132 OBC and 172 Others (3 PwD), **Quota wise:** Open: 256 & Home State: 145

2. Postgraduate Degree: Courses Offered in M Tech and Student strength

Branches	Sanctioned Intake 2016	Year wise strength of Students		Total Ongoing
		1 st Year	2 nd Year	
Computer Science and Engineering	15	08	06	14
Electronics and Communication Engineering	15	11	NS	11
Total	30	19	06	25

NS: Branch not started, Out of 25 Student, 19 Male & 6 Female, **Category wise:** 4 SC, 2 ST, 5 OBC & 14 others

Note: M Tech in CSE started from 2015 batch and ECE from 2016 onwards. Senate has approved to start M Tech in EEE and MSc in Chemistry from 2017 session with intake capacity of 15 each.

3. PhD Degree: PhD enrolled in following department and their strength

Department	CSE	ECE	EEE	ME	Phy	Chem	Math	HSS	ID	Total
No of Students	21	09	11	05	02	01	02	04	02	57

Note: 21 Full Time (4 including from Visvesvaraya Project) and 36 Part Time, 50 Male and 7 Female)

MEDICAL FACILITIES

Medical Unit in the Campus: All students, faculties, staffs and their families have 24/7 free access to medical unit in the campus. The medical unit is equipped with all the necessary amenities and with a well-equipped ambulance at its disposal.

Doctors Visit: Dr. Deokota, an orthopaedic; Dr. Sanjay Rai, a general physician; Dr. Aden Bhutia, a general physician; and Dr. Una Pradhan, a dentist visits the medical unit for giving their valuable services as per the following schedule:

	Dr. Deokota	Dr. Sanjay Rai	Dr. Una Pradhan	Dr. Aden Bhutia
Day	Sunday	Tuesday and Friday	Saturday	Thursday
Time	12 noon to 2pm	2pm to 5pm	12 noon to 2pm	2pm to 4pm

Medical Team: The campus has a dedicated full time Nursing Assistant Mrs. Hymavathi led by Faculty In-Charge Medical Unit - Dr. Ravi Srivastava. In- case of any emergency, students can contact directly to Dr. Ravi Srivastava – 09647755490 and to Dr. Sumit Saha, Dean In-Charge (Student Affairs).

Medical Facilities Nearby Campus: Students can visit Ravangla Primary Health Centre (PHC; 3 KM from the campus) or if referred from there or our medical unit, students are taken to Namchi District Hospital.

Vehicle: The Institute has a well-equipped ambulance at its disposal for medical emergencies 24/7. Students are taken (free of cost) to PHC, Ravangla or Namchi as per requirement.. Generally, the medical unit team accompanies the ailing students.

Medical shops: In Ravangla market there are couple of medical shops where all the necessary medicines are available.

Diagnostic Centres: The district head quarter Namchi (26 KM from Ravangla) has a couple of diagnostic centres. Also, students can avail facilities at the Namchi District hospital.

Insurance: A medical insurance policy is also opted for all the existing students of NIT Sikkim.

Telemedicine Programme: We have regularly conducting Telemedicine's Programme. This programme aims to visit nearby schools and villages to assist medical consultation and most general medicines to needy people.



Telemedicine Programme

HOSTEL AND STUDENT'S ACCOMMODATION

There are total 08 Boys hostels out of which 03 hostels are in Ravangla town. These three buildings are rented to accommodate 1st year B.Tech students. For girls there are 04 hostels and all these are in the campus of the institute. The hostels in the campus are fully Wi-Fi enabled. And for rented hostels in Ravangla town students are provided with Wi-Fi modems on sharing basis so that they have the access to internet. Bus facility is also provided to the students residing out campus hostels for their convenience.

HOSTEL RULES AND REGULATION

- On weekends and holidays, no student shall leave the campus without the consent of the Chief-warden or Students Affairs Committee (SAC) members.
- Alcohol, drugs and smoking is strictly prohibited in the campus/hostels. At any time, faculty can check any hostel room. The consumption or storage or supply of liquor or any sort of intoxicant is strictly prohibited and if found guilty, the offenders will be dealt with severe punishment including prosecution. Any kind of gambling is also prohibited.
- Girl students must return back to their hostel rooms by 06:00 p.m in winter semester and by 06:30 p.m in Monsoon semester.
- Boy students must return back to their hostels by 6.30 p.m in Winter Semester and 07:00 p.m in Monsoon Semester on days they are permitted to go out of the campus
- Every student should sign in the security register while outgoing and incoming without fail.
- Students are not allowed to go out of their rooms after 9.30 pm.
- Girl students are not allowed to enter the boys' hostel and boys are not allowed to enter the girls' hostel at any time of the day or night.
- Boy students should not cross/enter the boundaries/premises specified for girls near girls' hostels.
- Boy students should not dine in the tables specified for girls and faculty at the Mess Hall. Girl students should not dine in the tables specified for boys and faculty at the Mess Hall. And boy students should not sit and discuss on the tables specified for girls in the Mess at any time of day/night and vice versa.
- Entertaining any guest in the hostels without the permission of Chief-warden is not permitted.

- Ragging of any kind is severely punishable. Students should strictly abide by the anti-ragging policy of the Institute. It is understood that the students are aware what constitutes ragging and they will refrain from indulging in such acts that may be considered as any form of ragging.
- Under special circumstances, the competent authority may permit a student to reside with his/her Parent/Guardian within a reasonable distance from the Institute.
- A student shall reside in a room allotted to him/her and may shift to any other room only under the direction/permission of the Chief Warden.
- Students shall be responsible for the proper care of the furniture; electrical and other fittings in the rooms allotted to them and shall generally assist the Warden in ensuring proper use, care and security of those provided in the Hostel of common use of all students. If any damage is done to those items, the students allotted in that particular room shall be held responsible and will be fined accordingly.
- Students should not break open or try to break open the occupied / vacant rooms of the hostels. Any damage done to the hostel property will have to be borne by all the residents of the hostel.
- Students will be responsible for the safe keeping of their own property. In the event of loss of any personal property of a student due to theft, fire or any other cause, the Institute shall accept no responsibility and shall not be liable for payment of any compensation.
- Use of appliances like electric heater, refrigerator etc., by a student in the Hostel is prohibited.
- Student once admitted in the hostel will continue to be a hostel inmate throughout the year unless otherwise debarred from the hostel on disciplinary grounds. Unless they clear the dues, they shall not be allowed to seat in an examination. Further, he/she may be expelled from the Hostel and/or messes.
- Student once admitted in to a hostel, he/she shall automatically become a member of the student mess. All students shall pay full charges for mess w.e.f. the date of commencement of a semester to the end date of that semester. The students are also required to pay establishment charges during the semester breaks.
- Every student of the hostel shall pay in advance the mess bill and other charges before the stipulated date of every month, failing which fines will be imposed as per rules and regulations.
- No parent or guardian of a student is permitted to stay in the hostel.
- Hostel students shall not leave the campus without prior permission of the Warden/Chief Warden / SAC members. They shall fill the student gate pass form in advance stating the reason for leaving and the address of destination. Hostel students who leave hostel without the student gate pass and prior permission from the concerned authorities shall be deemed to be missing and their parent/guardian or even the police authorities may be intimated.
- Any hostel student harbouring any unauthorized person(s) will be expelled from the hostel immediately. The hostel cannot be considered as the hiding place for miscreants. The police authorities may enter the campus and detain anyone depending upon the severity of the offence.
- The hostellers should not leave the hostel premises on holidays for the purpose of excursion or picnic without prior permission of the Warden / Chief Warden / SAC members. However, for any accident or fatality that may occur during picnic/excursion, the responsibility does not lie with the institute or Hostel authorities.
- No association of students on the basis of region, caste or creed is permitted.
- No secret activities or meetings are permitted on the hostel premises. For holding any meeting in the hostel room or anywhere in the hostel area, prior written permission should be obtained from the Chief Warden.
- Hostellers shall refrain from any act, covert or overt, that may destroy or disturb the peace and harmony among the residents and on the campus. Accommodation in the hostel cannot be claimed as a matter of right. Students who disturb peace and violate the rules of the hostel on the campus may be expelled from the hostel.
- No students shall take the law into his/her own hands. If any of the hostel inmates find that other students are indulging in any undesirable activity or causing inconvenience or physical injury to him/her or to the other hostel inmates, he/she should inform in writing with the warden concerned.
- Keeping of lethal weapons like sticks, rods, chains etc. in the hostel rooms is strictly prohibited and shall be considered as punishable offence.



- Students who have finished the four years of course study but yet to pass some examinations are called slow learners. Institute shall not be responsible to provide them accommodation in hostel after expiry of normal four years of course.
- In case a student falls sick, he/she should contact The Chief Warden / Warden(s)/SAC members immediately. Medical facilities shall be provided at the Institute's dispensary for routine health problems. However, for any other treatment requiring specialist/expert medical care and treatment, the inmates are supposed to make their own arrangements for treatment and to bear medical expenditure themselves. A student suffering from infectious/contagious diseases will not be permitted to stay in hostels.
- Residents shall not get involved in arguments or otherwise interfere with the duties of the employees of the hostel. If there is any complaint or suggestion to be made, it shall be made to the warden concerned.
- Playing loud music and videos etc. inside the rooms is strictly prohibited as it causes disturbance to the inmates. Any such complaint against boarders will be viewed very seriously and seizure of the gadgets may be made along with imposition of fine.
- The room of any student in the hostel can be inspected at any time by the Warden/Chief Warden or any authorized member of the institute staff or district police officials. Inmates are advised to keep their ID cards with them and show them on demand.
- Hostel Representatives / Student Mess Representatives will be selected on merit or as desired by the Chief Warden from among the Block/mess students to assist him/her in the supervision of hostel block/mess and in enforcing discipline. Every hostel inmate shall co-operate with him/her in the act of discharging his/her duties.
- Hostellers are requested to maintain their surroundings neat and clean.
- Students should not burst fire crackers on any occasion inside the hostel or within the premises of the hostel.
- Students are prohibited from writing graffiti or slogans, or any writings obscene drawings on the hostel walls and rooms. Heavy penalties will be imposed on students/group of students indulging in such writings.
- Students should not play cricket, football etc., in the common halls or inside or in front of hostel. It not only may cause damage to the hostel property, but also disturbs the peace of the surroundings. Heavy penalty will be imposed and will be collected from all students of the Block.
- Students who are found guilty of misconduct or guilty of infringement of any of the rules prescribed above shall be liable to fine, rustication or dismissal either from the hostel and/or from the institute or both by the appropriate authority.
- Any violation of the above directions regarding Hostel Rules & Regulations will be severely dealt with. And, the incident will be entered into the students Institute file under a committee formed by the Institute.

STUDENTS MESS:

There are total 03 students mess at NIT Sikkim. 02 mess for boys and 01 mess for girls. All the utensils, cutleries and crockeries are provided by NIT Sikkim to run the mess. Students have to pay full charges for mess w.e.f. the date of commencement of a semester to the end date of that semester.

SCHOLARSHIPS:

Being an Institute of National Importance, NIT Sikkim students are awarded 12 scholarships for SC category per batch per year under "Top Class Education for SC students" from Ministry of Social Justice & Empowerment and all the ST category students are awarded for scholarships per batch per year under "Top Class Education for ST students" from Ministry of Tribal Affairs. Many students belonging to Other Backward Classes (OBC) receive scholarships from respective States. Students belonging to Minority communities receive scholarships from Ministry of Minority Affairs (MOMA). Students also receive scholarships from other funding agencies like Foundation for Academic Excellence and Access (FAEA), Swami Dayanand Charitable Education Foundation, S.R Jindal Scholarship, Samsung Star Scholarship, etc.

CENTRAL LIBRARY (KNOWLEDGE AND INFORMATION CENTRE)

Central Library of NIT Sikkim established in 2012 and designated as Knowledge and Information Centre (KIC). The KIC is situated in the midst of all departments and hostels and is easily accessible to everyone in the campus. All students, faculty and staff members of the Institute are entitled to make use of the Library facilities and services. It is housed in a separate building. The open access system for issue books is observed in the KIC.

Objective of KIC: It aims to offer effective services to its users to fulfil their learning needs through its user friendly & state of the art facilities. KIC supports the teaching and research programs of the Institute and provides facilities for general reading and disseminates information according to the requirement of the users.

Collection of KIC: KIC has print as well as electronic resources in the collection for its patrons.

- **Print collection:** It has text books, reference books, encyclopedias, dictionaries, Journals/Magazines, Local and National newspapers.
- **Electronic collection:** In view of the need of patrons KIC has rich electronic resources like IEEE explore digital library collection, Science Direct, SciFinder, IEL, Nature. KIC has a good number of Pearson E-books which is accessible to everyone in institute premises. Kindle e-book reader Videos, CDs/DVDs,
- **Gifted collection:** KIC receives time to time newsletters, information bulletins, annual reports, journals, from prestigious institutes like ISRO, IITs, NITs.

Services:

- **Circulation:** Library is fully automated with Automation Software Libsys7. Circulation Services are executed through Barcode System.
- **Periodical services:** Patrons are richly benefited from the e-journal national and international magazine like American Scientist, BBC Knowledge, Digit, Express computer etc.
- **Internet services:** LAN based internet and Wi-Fi internet facility is available for the patrons.
- **Web 2.0 services:** To keep abreast its patrons KIC also has its Facebook page. Patrons may know about new arrivals of the books and other relevant information through KIC Facebook page.
- **Miscellaneous services:** Well-equipped photocopy, printing and scanning facilities are available for patrons.
- KIC is effectively managed by three staff members
- KIC's (Library) Time table for Books Issue/Return:

DAYS	SESSION	ISESSION 2
Monday	0900 hrs - 1300 hrs	1400 hrs - 1730 hrs
Tuesday	0900 hrs - 1300 hrs	1400 hrs - 1730 hrs
Wednesday	0900 hrs - 1300 hrs	1400 hrs - 1730 hrs
Thursday	0900 hrs - 1300 hrs	1400 hrs - 1730 hrs
Friday	0900 hrs - 1300 hrs	1400 hrs - 1730 hrs

- **New Initiative: (New content)**
 - Approval received from Top Management for more space for KIC.
 - Approval received for KIC's dedicated server.
- **Collection Details:**

1	Total no. Titles	1514
2	Total No. of Hard copy Book	8500
3	E-books	233
4	Kindle E-books	880
5	Hard Copy Journal/Magazine	30
6	Kindle e-book Reader/Tablet	4



- **Online Databases**
 - Science Direct
 - IEEE
 - SciFinder
 - Springer
 - APS (Selected Title Journals)
- **National and Regional News Paper – 7**
- **NPTEL Videos**

CONVOCATION

The First Convocation of NIT Sikkim was held on 18th March 2017 at Tathagata Tsal, Ravangla South Sikkim. Honorable Chief Guest Mr. R.B Subbha, Minister of HRDD Govt. of Sikkim delivered the Convocation Address. During the Convocation Prof. Amitabha Ghosh was awarded Doctor of Science (Honoriis Causa) and Mr. Bhaichung Bhutia awarded with Doctor of Letters (Honoriis Causa). The following numbers of B.Tech students were awarded graduation degree in various engineering discipline.

SL.No.	Batch	Number of Pass out Students
1.	2010-2014	63
2.	2011-2015	71
3.	2012-2016	74

Further the following students were awarded gold medals at different category.

Director Gold Medal (For best overall performance in the batch)				
Sl. No.	Course	Department	Name of the Student	Roll.No.
1.	B.Tech	Computer Science and Engineering	Mr. Ajay Kumar	B10011CS
2.	B.Tech	Electrical and Electronics Engineering	Mr. Atul Yadav	B110058EE
3.	B.Tech	Electronics and Communication Engineering	Mr. Rajat Kumar Sinha	B120070EC

Institute Gold Medal (For highest marks in the batch)				
Sl. No.	Course	Department	Name of the Student	Roll.No.
1.	B.Tech	Computer Science and Engineering	Mr. Ankur Sharma	B10050CS
2.	B.Tech	Electrical and Electronics Engineering	Mr. Atul Yadav	B110058EE
3.	B.Tech	Electrical and Electronics Engineering	Miss. Puja Gupta	B120027CS

Gold Medal (For highest marks in the batch)				
Sl. No.	Batch	Department	Name of the Student	Roll.No.
1.	2010-2014	Electrical and Electronics Engineering	Mr. Avleen Kumar Yadav	B10063EE
2.		Electronics and Communication Engineering	Mr. Vipin Kumar Singh	B10049EC
3.		Computer Science and Engineering	Mr. Ankur Sharma	B10052CS
4.	2011-2015	Computer Science and Engineering	Mr. Anshu Anurag	B110051CS
5.		Electronics and Communication Engineering	Miss. Sajida Tabasum	B110005EC
6.		Electrical and Electronics Engineering	Mr. Atul Yadav	B110058EE
7.	2012-2016	Computer Science and Engineering	Miss. Prinkya Kumari	B120056CS
8.		Electronics and Communication Engineering	Mr. Rajat Kumar Sinha	B120070EC
9.		Electrical and Electronics Engineering	Miss. Puja Gupta	B120026EE



Prof. Ajoy Kumar Ray, Director In-Charge, NIT Sikkim addressing the First Convocation.



First Convocation of NIT Sikkim held on 18th March 2017 at Tathagata Tsal (Buddha Park), Ravangla, South Sikkim



First Convocation of NIT Sikkim held on 18th March 2017 at Tathagata Tsal (Buddha Park), Ravangla, South Sikkim



ADMINISTRATIVE COMMITTEES

BOARD OF GOVERNORS:

The BoG of NIT Sikkim constitute of the following members:

Sl.No	Name and Designation of Nominated Member	Serve as
01.	Director, NIT Sikkim	Chairman
02.	Joint Secretary or his nominee, Dept. of Higher Education (TE), MHRD, Govt. of India	Member
03.	Financial Advisor or his nominee, Dept. of Higher Education (TE), MHRD, Govt. of India	Member
04.	Mr. G. P. Upadhyaya, Principal Secretary, HRDD, Govt. of Sikkim State Nominee I	Member
05.	Mr. Ugyen Chopel State Nominee II	Member
06.	Director IIT Guwahati or His nominee	Member
07.	Dr. Taraknath Kundu Senate Nominee I, Asst. Professor NIT Sikkim	Member
08.	Md. Sarfaraj Alam Ansari Senate Nominee II, Asst. Professor NIT Sikkim	Member
09.	Dr. Md. Nurujjaman Registrar In-Charge, NIT Sikkim	Secretary

The 7th Bo G meeting was held on 27th February 2017 at New Delhi.

First the Chairman welcomed the members of the Board of Governors. Leave of absence was granted to Mr. U. Chopel, State Nominee. The members congratulated Prof. Ajoy Kumar Ray for receiving Padma Shri from Govt. of India. The BoG again placed on record its appreciation for the Director and his team of faculty and staff for their fine efforts towards not only developing the Institute but for the placement of students in current year in spite of its remote temporary location and the problems associated with the temporary campus.

The following members of BoG attended the meeting:

Sl.No.	Name of the member	Serve as
01.	Prof. Ajoy Kumar Ray Director In-Charge, NIT Sikkim	Chairman
02.	Mr. Sanjeev Kumar Sharma Representative of the Additional Secretary, MHRD, Govt. of India	Member
03.	Mr. G.P. Upadhyaya Principal Secretary, HRDD, Govt. of Sikkim	Member
04.	Prof. Chandan Mahanta Professor & Dean Student Affairs, IIT Guwahati (Representative of Director, IIT Guwahati)	Member
05.	Mr. D.K. Singh Under Secretary, MHRD (Representative of the Financial Advisor, MHRD, Govt. of India)	Member
06.	Dr. Taraknath Kundu Asst. Professor, Chemistry, NIT Sikkim, Senate Nominee I	Member
07.	Md. Sarfaraj Alam Ansari Asst. Professor. CSE, NIT Sikkim, Senate Nominee II	Member
08.	Dr. Md. Nurujjaman Registrar In-Charge, NIT Sikkim	Secretary

FINANCE COMMITTEE MEMBERS:

Minutes of the 3rd meeting of the Finance Committee of National Institute of Technology Sikkim was held on 27th February, 2017 at 9:30 a.m at Hotel JRD Exotica, Safdarjung Enclave, New Delhi.

The following members of the Finance Committee (FC) and invitees were present in the meeting:

Sl.No.	Name & Designation of the member	Serve as
01.	Dr. Ajoy Kumar Ray Director In-Charge, NIT Sikkim	Chairman
02.	Mr.Sanjeev K. Sharma Director (NITs)	Member
03.	Mr. D.K.Singh Under Secretary	Member
04.	Dr. Chandan Mahanta Professor, IIT Guwahati	Member
05.	Dr. Md. Nurujjaman Registrar In-Charge, NIT Sikkim	Secretary

The Meeting started with a welcome note from the Chairman to all the members and a vote of thanks to the members for taking time for attending the valuable meeting. Further, the following officials were requested to be present in the meeting.

- **Dr. Taraknath Kundu, Assistant Professor, Chemistry, NIT Sikkim**
- **Md. Sarfarj Alam Ansari, Assistant Professor, CSE, NIT Sikkim**

BUILDING AND WORKS COMMITTEE:

The following members of the Building and Works Committee and special invitees were present in the 3rd meeting of the Building and Works Committee of National Institute of Technology Sikkim which was held on 13th February 2017, 11:00 AM at IEST Shibpur, Kolkata.

Sl.No.	Name and Designation	Serve as
01.	Prof. Ajoy Kumar Ray Director (I/C), NIT Sikkim	Chairman
02.	Shri K. Rajan Under Secretary, MHRD	Member
03.	Shri Shashi Kant Chief Engineer(Civil), CPWD, Kolkata	Member
04.	Shri Durga Prasad Konhar Superintendent Engineer (Electrical), CPWD, Kolkata	Member
05.	Dr. Aurobinda Panda Dean I/C (P&D), NIT Sikkim	Working Member
06.	Dr. Md. Nurujjaman Registrar I/C, NIT Sikkim	Working Member
07.	Mr. Amit Kumar Das FICMA, NIT Sikkim	Special Invitee
08.	Mr. Kanahiya Prasad JE Civil, NIT Sikkim	Special Invitee



SENATE:

The Senate of NIT Sikkim constitute of the following members:

Sl. No	Name and Designation of Nominated Member	Serve as
01.	Director NIT Sikkim	Chairman
02.	Three members nominated by the Chairman, BoG	External Member
03.	All Deans & Heads of the institute	Member
04.	Librarian	Member
05.	Registrar (In-Charge), Secretary	Member

DETAILS OF SENATE MEETING DURING 2016- 2017.

SL.No.	Senate	Venue	Date
01.	Third	NIT Sikkim, Ravangla, South Sikkim	20.06.2016
02.	Fourth	Conference hall, IEST Shibpur	26.12.2016

The following members of Senate and special invitees were present in the Third Senate meeting which was held on 20.06.2016 at NIT Sikkim:

SL.No.	Name and Designation	Serve as
01.	Prof. A.B. Samaddar	Chairman
02.	Dr. Md. Nurujjaman Assistant Dean Academic Affairs (ADAA)	Member
03.	Dr. Sangram Ray Faculty In-Charge, CSE, NIT Sikkim	Member
04.	Dr. Anjan Kumar Ray Faculty In-Charge, EEE, NIT Sikkim	Member
05.	Dr. Sanjay Kumar Jana Faculty In-Charge, ECE, NIT Sikkim	Member
06.	Dr. Sarit Kumar Das Faculty In-Charge, CE, NIT Sikkim	Member
07.	Dr. Sambhunath Barman Faculty In-Charge, ME, NIT Sikkim	Member
08.	Dr. Tarakhnath Kundu Coordinator, Biotechnology, NIT Sikkim	Member
09.	Dr. Ravi Srivastava Faculty In-Charge, Mathematics, NIT Sikkim	Member
10.	Dr. Achintesh N. Biswas Faculty In-Charge, Chemistry, NIT Sikkim	Member
11.	Dr. Dhananjay Tripathi Faculty In-Charge, Humanities & Social Sciences,	Member NIT Sikkim

Sl. No	Name and Designation	Serve as
12.	Prof. Tapan Kumar Nayak VECC, Kolkata	External Member
13.	Prof. S.S. Pathak Professor, IIT Kharagpur	External Member
14.	Dr. Sumit Saha	Invited Member
15.	Mr. Sarfaraj Alam Ansari	Invited Member
16.	Dr. S.G. Samaddar	Invited Member
17.	Dr. Sourav Mallick	Invited Member
18.	Mr. Samyajit Basu	Invited Member
19.	Dr. Om Prakash	Invited Member
20.	Mr. Surujit Kundu	Invited Member
21.	Mr. Swapan Manna	Assistant Registrar

The following members of Senate and special invitees were present in the Fourth Senate meeting which was held on 26.12.2016 at IEST Shibpur:

Sl.No.	Name and Designation	Serve as
01.	Prof. Ajoy Kumar Ray Director In- Charge, NIT Sikkim	Chairman
02.	Prof. Basabi Bhattacharya Professor of Financial Economics, Dept. of Economics, Jadavpur University, Kolkata	External Member
03.	Prof. S.S Pathak Professor, IIT Kharagpur	External Member
04.	Dr. Ranjan Basak Dean In-Charge Academic Affairs, NIT Sikkim	Internal Member
05.	Dr. Md. Nurujjaman Registrar In-Charge, NIT Sikkim	Internal Member
06.	Dr. Sumity Saha Dean In-Charge Student Affairs, NIT Sikkim	Internal Member
07.	Dr. Anindya Biswas Dean In-Charge Research & Consultancy, NIT Sikkim	Internal Member
08.	Dr. Sangram Roy HoD, CSE, NIT Sikkim	Internal Member
09.	Dr. Anjan Kumar Ray HoD, EEE, NIT Sikkim	Internal Member
10.	Dr. Tarakhnath Kundu HoD, Chemistry & Biotech, NIT Sikkim	Internal Member
11.	Dr. Sanjay Kumar Jana HoD, ECE, NIT Sikkim	Internal Member
12.	Dr. Sambhunath Barman HoD, ME, NIT Sikkim	Internal Member



Sl. No	Name and Designation	Serve as
13.	Dr. Ravi Srivastava HoD, Mathematics, NIT Sikkim	Internal Member
14.	Dr. Dhananjay Tripathi HoD, HSS, NIT Sikkim	Internal Member
15.	Mr. Alak Patra HoD, CE, NIT Sikkim	Internal Member
16.	Mr. Swapan Manna KIO, NIT Sikkim	Internal Member
17.	Mr. Ram Nepal AR (Academic), NIT Sikkim	Internal Member
18.	Dr. Prabin Kumar Prasad	Special Invitee
19.	Prof. Asis Mazumdar	Special Invitee

REGISTRAR AND DEANS

Order No. 467/DO dated 20th September 2016

SI NO.	Dean	Nominated Faculty
1	Academic Affairs (AA)	Dr. Ranjan Basak
2	Administration, Faculty & Staff Affairs (AFSA)	Dr. Achintesh Narayan Biswas
3	Students' Affairs (SA)	Dr. Sumit Saha
4	Research & Consultancy (R&C)	Dr. Anindya Biswas
5	Planning & Development (P&D)	Dr. Aurobinda Panda
1	Registrar In-Charge	Dr. Achintesh Narayan Biswas (Order No 471/DO dated 4th October 2016)
2	Registrar In-Charge	Dr. Md. Nurujjaman (Order No 479/DO dated 10th December 2016)

COMMITTEES

Order No; 471/DO dated 4th October 2016

Sl. No	Committees/ Cells and Faculty	In-Charges/Other Committee Members
1.	Faculty In Charge, Alumni Affairs & Resource Generation FIAARG – Mr. Md. Sarfaraj Alam Ansari	• DIC-SA • FITPA • One faculty nominated by HIC of each Department
2.	Information and Communication Technology Infrastructures (ICTI): FIICTI-Dr. Sangram Ray	• Mr. Pankaj Kumar Keserwani • (Convenor, Computer & Computing) • Mr. Surajit Kundu (Convenor Communication) • Mr. Md Sarfaraj Alam Ansari • Mr. B Balaji Naik • TA, Department of CSE
3.	Landscaping, Gardening & Environmental Protection (LGEP): FILGEP-Mr. Neelanjana Dutta	• AD (P&D) • Dr. Sancharini Das • Ms. Jayashree Sengupta • Mr. Subho Das • Asst. Secretary to Director • Bapi Mondal

Order No: 470/DO dated 4th October 2016

Committee		Committee Members
1	Institute Postgraduate Committee	Dr. Sangram Ray (CSE) Chairman
		Dr. Anjan Kumar Ray (EEE)
		Dean In-Charge (Research & Consultancy)
		Dr. Pranab Kumar Kundu (ME)
		Dr. Dhananjay Tripathi (HSS)
		Dr. Sanjay Kumar Jana (ECE)
2	Institute Undergraduate Committee	Dr. Md. Nurujjaman (Phy), Chairman
		Dean In-Charge (Student Affairs)
		Dr. Taraknath Kundu
		Dr. Pratyay Kuila
		Dr. Alak Kumar Patra
		Mr. Debajit Saha
3	Examination Committee	Dr. Sourav Mallick, Controller In Charge Examination (CIC-E)
		Dr. Anjan Kumar Ray
		Dr. Om Prakash
		Dr. Pranab Kumar Kundu
		Ms. Gopa Bhaumik
		Mr. Tarun Biswas
		Mr. Pradeep Kumar

Order No: 456/DO dated 5th August 2016

1	Dr. Aurobinda Panda, FIPECI will take over as the Faculty In-Charge of Information and Communication Technology Infrastructures (FIICTI). He will be assisted by the following faculty: <ul style="list-style-type: none"> • Mr. Surajit Kundu- Matter related to Internet, campus network, office automation, HPC matters and any such matter assigned. • Mr. Pankaj Kumar Keserwani – matter related to computer, printers, software and computer facilities.
2	Mr. Debajit Saha is nominated as the Warden of off-campus boys' hostels and Faculty/Staff Apartments outside the campus. Mr. Surajit Kundu will formally assist Mr. Debajit Saha till 31st August 2016.
3	Mr. Amit Kumar Das will take over as Faculty In-Charge of Construction & Maintenance Activities (FICMA). Dr. Sarit Kumar Das will formally assist Mr. Amit Kumar Das till 22nd of August.

Order No: 59/RO/ESTD dated 20th February 2017

1	Construction & Maintenance Activities (CMA) FICMA- Mr. Amit Kumar Das Convenor- Mr. Debashish Roy	<ul style="list-style-type: none"> • FIPECI • AD (P&D) • Dr. Shambhunath Barman • Mr. Pradeep Kumar • JE, Civil • Mr. Subho Das
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Order No: 32/RO dated 20th January 2017

1	Power & Energy Conservation Initiative (PECI) Dr. Pradeep Kumar – FIPECI Mr. Molay Roy - Convenor	<ul style="list-style-type: none"> • FICMA • FIICTI • DIC(AF&SA) • Dr. Sourav Mallick • Mr. Amrit Sharma
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Order No.626/DO dated 5th February 2016

Sl. No	Committees/ Cells and Faculty In-Charges	Other Committee Members
1	Community Development and Awareness Programme (CDAP): FICDAP - Dr. Shambhunath Barman	1. AD (SA) 2. Dr. Sarit Kumar Das 3. Dr. Ravi Srivastava 4. Mr. Md. S. Alam Ansari 5. Ms. Sudha Das Khan 6. Ms. Sujata Dhungana
2	Construction and Maintenance Activities (CMA): FICMA - Dr. Sarit Kumar Das Convenor - Ms. Sudha Das Khan	1. FIPECI 2. AD (P&D) 3. Dr. Shambhunath Barman 4. Mr. Pradeep Kumar 5. JE (Civil) 6. Mr. Subho Das
3	Examination Cell: Assistant Controller - Dr. Sumit Saha	1. Faculty In charges, PG Committee 2. Faculty in charges , UG Committee 3. Dr. Om Prakash 4. Dr. Anindya Biswas 5. Mr. Tarun Biswas
4	Games, Sports and Cultural Activities (GSCA): FIGSCA - Dr. Pranab Kumar Kundu Convenor- Mr. Hemant Kumar Kathania	• Chief Warden • Girls Hostel Warden • Dr. Dhananjay Tripathi • Mr. Surajit Kundu • Mr. Tarun Biswas • Mr. Amit Maity
5	Health Care Services (HCS): FIHCS - Dr. Ravi Srivastava	• AD (A&FA) • AD(SA) • Chief Warden • Girls Hostel Warden • Assistant Registrar • Mr. Bharat Pradhan • Mrs. Bhukya Hymavathi
6	Information and Communication Technology Infrastructures (ICTI): FIICTI - Dr. Pratayay Kuila Convenor - Mr. Pankaj Kumar Keserwani	1. FIPECI 2. Mr. Hemant K.Kathania 3. Mr. B. Balaji Naik 4. FIPWIS 5. Mr. Tarun Biswas 6. KIO
7	Innovation cell: Chairperson – Dr. S. G. Samaddar	1. AD (R&C) 2. Dr. Dhananjay Tripathi 3. Dr. Sarit Kumar Das 4. Dr. Anindya Biswas 5. Mr. Surajit Kundu
8	Knowledge, Information and Learning Enablement (KILE): FIKILE - Dr. Ranjan Basak Convenor - KIO	1. AD (AA) 2. Dr. Sumit Saha 3. Dr. Ravi Srivastava 4. Mr. Christofhar Sudhir George If necessary, representation from indenting department may be called for a meeting.
9	Landscaping, Gardening & Environmental Protection (LGEP): FILGEP - Dr. Achintesh Narayan Biswas	• AD (P&D) • FICMA • Dr. Anindya Biswas • Ms. Jayashree Sengupta • Mr. Subho Das • Ms. Punam Singh

Sl. No	Committees/ Cells and Faculty In-Charges	Other Committee Members
10	Power and Energy Conservation Initiative (PECI): FIPECI - Dr. Aurobinda Panda Convenor - Mr. Molay Roy	<ul style="list-style-type: none"> • FICMA • FIICTI • AD (A&FA) • Dr. Sourav Mallick • Mr. Amrit Sharma
11	Proctorial Board: Assistant Proctor – AD (SA)	<ol style="list-style-type: none"> 1. Chief warden 2. Dr Ranjan Basak 3. Dr. Sangram Ray 4. Warden, girls hostel 5. Warden off campus boys hostel 6. Warden in campus boys hostel 7. Dr. Aurobinda Panda 8. Mr. Debajit Saha 9. Ms. Jayashree Sengupta
12	Promotion of Indian Language & Culture (PILCu):FIPILCu - Dr. DhananjayTripathi	<ol style="list-style-type: none"> 1. Dr. Taraknath Kundu 2. Dr. Pranab Kumar Kundu 3. Dr. Anindya Biswas 4. Mr. Pankaj Kumar Keserwani 5. Mr. Swapan Manna
13	Publication & Web Information System (PWIS): FIPWIS - Dr. DhananjayTripathi Convenor - Mr. B.Balaji Naik	<ol style="list-style-type: none"> 1. Dr. Anjan Kumar Ray 2. Dr. Sangram Ray 3. FIKILE 4. FIICTI 5. Asst. Registrar 6. Mr. Swapan Manna
14	SC/ST Cell: Chairperson - Ms. Gopa Bhaumik	<ol style="list-style-type: none"> 1. Mr. Md. SarfarajAlam Ansari 2. Mr. Hemant Kumar Kathania 3. Mr. B BalajiNaik 4. Ms. Sudha Das Khan 5. Mr. BapiMondal
15	Store & Purchase Activities (SPA): FISPA - Dr. Taraknath Kundu	<ol style="list-style-type: none"> 1. Mr. Surajit Kundu 2. Concerned indenter(s) or representative(s) 4. Dr. Pranab Kumar Kundu 3. Mr. Tarun Biswas 4. Deputy Accountant
16	Training and Placement Activities (TPA): FITPA - Dr. Sangram Ray	<ul style="list-style-type: none"> • AD (AA) • FIICTI • Ms. Gopa Bhaumik • Mr. Hemant K. Kathania • Dr. Dhananjay Tripathi • Mr. Samyajit Basu
17	Vehicle and Transport Management Activities (VTMA): FIVTMA - Dr. Shouvik Ghosh	<ol style="list-style-type: none"> 1. Assistant Registrar 2. FIHCS 3. AD (SA) 4. Dr. Sourav Mallick 5. Assistant Secretary to the Director 6. Mr. Bapi Mondal
18	Women Grievances Cell (WoGC): Chairperson - Ms. Gopa Bhaumik	<ol style="list-style-type: none"> 1. AD (SA) or his/her representative 2. Dr. Ranjan Basak 3. Ms.Tazma Khatum Nurujjaman 4. Ms. Sujata Dhungana



NON-TEACHING STAFF LIST

Staff-list for 2016-2017

Regular Staff

SI No	Name	Department
1	Mr. Bapi Mondal	Junior Assistant, Director Office
2	Amit Tamang	Technical Assistant, ECE
3	Amit Maity	Technician, ME
4	Nishita Chettri	Junior Assistant, KIC Office
5	Mr. Subho Das	Technical Assistant, CE
6	Amrit Sharma	JE (Electrical)
7	Punam Singh	MTS, FICMA Office
8	Bharat Pradhan	Junior Assistant, Accounts Section
9	Sujata Dhungana	Junior Assistant, Registrar Office and DIC (AF&SA)
10	Suman Pathak	Lab Assistant, CHEM.
11	Happy Mondal	Lab Assistant, PHY.
12	Chandrama Majumdar	Technician, BIO.
13	Tshering Zangmo Bhutia	Junior Assistant, DIC (SA) and T&P Cell
14	Sonam Choden Tamang	MTS, DIC (AA)
15	Sidharth Pradhan	Lab Assistant, ECE
16	Saheli Saha	JE, CIVIL
17	Arup Das	Technical Assistant, P.E
18	Deepika Chettri	Technical Assistant, EEE
19	Manish Kumar	Technician, EEE
20	Ujjal Kumar Das	Technical Assistant, CSE
21	Jeneeta Josph	Accountant
22	Chanda Moktan	Technician, CE
23	Tapan Chhetri	Technician, CSE

Ad-hoc Staff

SI No	Name	Department
1	Mr. Ram Prasad Nepal	ACAD & ADMN
2	Mr. Swapna Manna	KIO
3	Mr. Sahil Minda	Deputy Accountant
4	Mr. Kanahiya Prasad	JE Civil
5	Mr. Christofhar Sudhir George	Library Assistant
6	Ms. B. Hymawathi	Nursing Assistant

ADOPTION OF LOGO

The logo of National Institute of Technology Sikkim has designed and is given on the front page of this report. It has the picture that includes number one and zero symbolizing basic units of computer science. The picture includes a bridge, a token for civil engineering, antenna for Electrical and Electronics Engineering. The logo is shown below.



The picture also includes DNA structure giving the sense that the institute provides ample scope for the growth of bio-technology. The river and pine tree in the picture symbolizes the flora and fauna of the state of Sikkim. The flame (Deepak) and rising sun is the picturesque description of the institute's punch line, 'Charaiveti' – a Vedic sentence, meaning constantly rising. The two birds flying high are metaphor for grown - up technocrats who are prepared and free to move away to spread the light of wisdom; the circle is not closed rather opened at the top of right hand side to give the idea that the institute believes in giving freedom to explore the horizons of technology to its students and associates.

The design has been accepted in principle at BOG. However, correspondence is going on with the industrial design centre IIT-B for simplifying this and better art-implementation.



LAUNCHING OF WEBSITE

The NIT SIKKIM website was launched under the domain name www.nitsikkim.ac.in in the month of July 2011. The present website is further improved. The current home page is designed as follows (the two views show the dynamically altering picture in the central display):

The administrative head of the website is Director, FIPWIS. Dr. Dhananjay Tripathi is the technical head and looks after the website. A group of students of the institute works with the Convener of the committee, Mr. B. Balaji Naik to keep the website updated. The students' committee is called Web Development Cell of NIT Sikkim which not only updates the website but keeps on making new webpages and sub domains as required time to time. The initiative helps the students in getting the practical training in the area of Web development. The final responsibility of the contents on the website is on the administrative head; however, the changes and updates are the subject to the approval of the technical head.

राष्ट्रीय प्रौद्योगिकी संस्थान सिक्किम
National Institute of Technology Sikkim
An Institute of National Importance

Home Webmail

Academics Departments Administration Students Research Placements Institute Collaboration

विज्ञान मानवता के लिए एक खूबसूरत तोड़फा है हमें इसे विकृत नहीं करना चाहिए ।
— ए. पी. जे. अब्दुल कलाम

पुस्तकों को साझा है जिनके माध्यम से हम विभिन्न संस्कृतियों के बीच पुल का निर्माण कर सकते हैं ।
— डॉ. सर्वपल्ली राधाकृष्णन

Announcements Tenders Downloads

➔ NIT Sikkim invites applications from eligible brilliant candidates for Project Faculty (Visiting), Project Associate & Project Assistant under SMDP C2SD and full time research scholar under Visvesvaraya PhD Scheme in Microelectronics and VLSI design and IT, sponsored by Department of Electronics and

Student Corner

- ➔ The Sport Week will be held during 17-19 March 2016...**NEW**
- ➔ National Level Photography Competition 2015-16 - contact innovation cell for details...**NEW**
- ➔ Bus schedule for all students and staff members...**NEW**
- ➔ Mid semester examination during March 07-12, 2016 ...**NEW**

Upcoming/Completed Events

- ➔ INVOCATION
- ➔ Research and Innovation Summit
- ➔ ABHIYANTRAN
- ➔ Digital India Week
- ➔ NMEICT
- ➔ UDGAM

Bulletin Board

- ➔ Winter Semester (2016) Fee Structure for B. Tech , M. Tech & Ph.D.
- ➔ Marks Review Notice for B.Tech And M.Tech Students
- ➔ Monsoon Results Published (December 2015).
- ➔ "Recruitment of Non- Faculty (Staff) positions on regular / deputation/

Contact
National Institute of Technology
Sikkim Barfung Block Ravangla
Sub-Division South Sikkim - 737
129
Office : +91 8670364931
Fax : +91 03595 260042

Admission
B.Tech
M.Tech
Ph.D
Help Line-09364739595

Activities
Udgam
ABHIYANTRAN
INVOCATION 2015

Campus Life
Gallery
Sports
Library

Other-Links
CSAB(JGSA)
JEE Mains
Data
CCMT
Tender & Notice
Job Opportunities
ITI

INNOVATION CELL

Achievements and Responsibilities

- Coordination of technical exhibition during Abhiyantran 2016.
- Research and Innovation Summit during Abhiyantran 2016.
- NIT Sikkim in collaboration with the MSME-DI, Gangtok organized an awareness programme on Incubator Scheme of Ministry of MSME for the benefits of students and faculties to develop IDEA's to entrepreneurship at NIT Sikkim

INFORMATION COMMUNICATION TECHNOLOGY INFRASTRUCTURE (ICTI)

Although, the small campus is covered by Wi-Fi network, the internet connectivity through BSNL (under NKN) is not up to the mark due to the remote location of the campus. Even with several limitations with the internet connectivity, the institute provides an extension of Wi-Fi connectivity infrastructure to the newly built boy's hostel (Prefab II) with that limited resources. Moreover, the internal ICT infrastructure is upgraded through IT equipment's in class rooms, departments and offices.

SC/ST CELL

SC/ST Cell of the Institute is constituted during the year 2014 with the following members to look after the various issues of the students, staff & faculty who belongs to SC/ST community.

- Ms. Gopa Bhaumik (Chairperson)
- Md. Sarfaraj Alam Ansari
- Mr. Hemant Kumar Kathania
- Mr. B. Balaji Naik
- Mr. Bapi Mondal

The members of the committee monitor the institute policies of reservation where it is applicable and coordinates scholarship schemes for the benefit of the students belonging to the SC/ST category.

To cater the need of academically slow pace students, SC-ST Cell has proposed to conduct extra classes for all theory subjects including the Computer Programming Lab for first year B.Tech students belonging to SC/ST/OBCs, Minorities and PWDs category.

Ministry of Social Justice and Empowerment under the Central Sector Top Class Education Scholarship (TCES) Scheme provides scholarship for the top 12 B.Tech SC students whose family income is below 4.5 lakh. Ministry of Tribal Affairs under Central Sector Top Class Education Scholarship (TCES) scheme provides scholarship for B.Tech/ M.Tech ST Students who have registered online in the National Scholarship Portal and whose family income is below 4.5 lakhs. SC/ST and Minority category students are receiving scholarship also under the following scheme:

- Sikkim State Government Scholarship
- Ishan Uday Scholarship for students belonging to North Eastern State
- Samsung Scholarship for the students schooling from JNV.

To promote qualitative education in Engineering, following schemes are implemented for SC/ST students of the Institute whose family income from all sources doesn't exceed Rs. 4.5 lakhs per annum.

- Books and Stationery Allowance- Rs. 3,000/- per annum.
- Lodging and Boarding Allowance –Rs. 26,400/- per annum (Rs. 2,200/- p.m).
- Latest computer with full accessories limited to Rs. 45,000/- per student as one time assistance.

The cell always encourages the students from the community to participate in the programme held during the period as well as in sports. The cell also counsels to the identified students who need motivation time to time to perform well in academics and research as well.



WOMEN'S GRIEVANCE CELL

In order to maintain the safety and security to the women of the institute, WGC has been formed. The Cell aims to promote a healthy working environment for all the female students, faculties and staffs of the institute. The Cell deals with the cases and complaints of sexual harassment and any other type of harassment of the female students, faculties and staffs of the institute. The members of the Cell look into the cases faced by the women and take the necessary action against the guilty.

The Cell is headed by Ms. Gopa Bhaumik, consisting of the following members:

SI No	Name	Position
1	Ms. Gopa Bhaumik	Chairperson
2	Dr. Sumit Saha	Internal Member
3	Dr. Ranjan Basak	Internal Member
4	Ms. Sujata Dhungana	Internal Member
5	Mrs. Tazma Khatun Nurujjaman	External Member

TRANSPORTATION FACILITIES

National Institute of Technology Sikkim is running from a temporary campus since beginning of the Institute. Due to non-availability of sufficient no. of rooms for students in hostels, the first year students both undergraduate and postgraduate students are staying out-campus hostels which are situated at 2 km distance from the campus. To bring those students to campus and back to hostels, two buses are engaged. These buses run under the Vehicle Transport Management Authority of the Institute. One of these buses is owned by NIT Sikkim and the other bus is hired on rent from a local vendor. Apart from the regular routine, students are provided the bus to go to the nearest railway junction New Jalpaiguri whenever they are sent to participate in different events outside Sikkim. The faculties and staffs also use the bus service from the Institute to the local market. During the vacation time, the staffs and faculties can enjoy the bus service to the nearest Railway station on payment basis.

ACADEMIC DEPARTMENTS

Bio Technology

Faculty Members in the Department

- Dr. Tarkanath Kundu HoD (I/C)
- Dr. Sancharini Das
- Dr. Swarnendu Bag
- Dr. Amlan Das
- Dr. Achintesh Narayan Biswas
- Dr. Sumit Saha

Facilities in the Department

The department is equipped with following analytical/laboratory instruments

- FT-IR Spectrophotometer
- UV-Vis spectrophotometer
- Low temperature cooling bath
- Colorimeters
- Autoclave
- BOD incubator
- PH meters

- Laminar Flow Hood
- 20 Degree Refrigerator
- Rotary Evaporator
- Magnetic Stirrers

Activities outside the Institute

- Dr. Sancharini Das, Editorial Board member of Journal of Modelling and Simulation in Biotechnology
- Dr. Sancharini Das, Committee member of IOCBS 2017 (1ST INTERNATIONAL ONLINE CONFERENCE ON BIOLOGICAL SCIENCES)

Civil Engineering

Faculty Members in the Department:

- Dr. Sarit Kumar Das, HOD (I/C)
- Mr. Alak Kumar Patra
- Ms. Sangita Deb Barman
- Mr. Amit Kumar Das
- Mr. Debashish Roy
- Mr. Neelanjana Dutta
- Mr. Samyajit Basu
- Mrs. Sudha Das Khan
- Ms. Jayashree Sengupta

Facilities in the department

- Class Rooms and Computer Labs are centralized but can be accessed by Civil Engineering students at any time of the day.

Laboratories

- Surveying laboratory
- Material Testing laboratory
- Geotechnical Engineering laboratory

Ongoing Projects/Schemes in the Department

- DPR Appraisal for Swachh Bharat Mission (Urban) in Sikkim for 6 cities and 1 Landfill. (Team Members: Dr. Sarit Kumar Das, Mr. Samyajit Basu, Mr. Neelanjana Dutta)

Programmes / courses offered by the department

- B.Tech.

Others

- Faculties of Civil Engineering Department are actively associated with the construction and maintenance activities of NIT Sikkim Campus.
- The department also contributes in the landscaping, gardening and environmental protection of the institute campus at Ravangla.

Nirman@civil:

Nirmaan is a non-registered, non-profit organization within the Department of Civil Engineering, NIT Sikkim. The members of the society include the undergraduate students, faculty members and alumni of the Civil Engineering Department working together to help and facilitate the overall development of students pursuing Civil Engineering here. Nirmaan provides platform to showcase and sharpen student's talents through a variety of events and activities planned throughout the year. The platform is also extended to the students of other departments wherever possible



Computer Science and Engineering

Faculty Members in the Department

- Dr. Sangram Ray (HOD I/c)
- Dr. Pratyay Kuila
- Mr. Md. Sarfaraj Alam Ansari
- Mr. Pankaj Kumar Keserwani
- Mrs. Gopa Bhaumik
- Mr. Tarun Biswas
- Mr. Banavath Balaji Naik
- Dr. Shefalika Ghosh Samaddar
- Dr. Biri Arun

Facilities in the department

- The department offers four years B.Tech (CSE) degree, two years M.Tech (CSE) degree and PhD.
- The department has a comprehensive curriculum on topics related to all aspects of Computer Science and Engineering with an emphasis on applicability using the latest techniques of engineering.
- The course structure is up to date and includes courses on the state of the art to equip the students and teachers with the latest developments in the field.
- The areas of research are Cryptography, Network Security, Parallel Distributed and High performance Computing, Algorithms, Bioinformatics, Computer Animation, System Software, Software Engineering, Cloud Computing, Wireless and Sensor Network etc. to build research groups and leverage the research activities in Sikkim in particular, and North- East region in general, using a coordinated effort of various other organizations working in the field of community development using science and technology.
- The department has state of the art infrastructure supported by high speed Ethernet and Wireless network.
- The interdisciplinary and multi-disciplinary projects are also developed based on the expertise of the faculty members.

Laboratories

- Computer Laboratory 1
Programming Language, Data Structure and Algorithm, Web Design etc. are conducted.
- Computer Laboratory 2
Operating system, Computer Network, Data Base Management System etc. are conducted
- Computer Laboratory 3
Computer Graphics, Pattern Recognition, Advanced Computer Network etc. are conducted.
- Cloud Computing Laboratory
- Computer Network and Information Security Laboratory (partially set up)

Ongoing Projects/Schemes in the Department

- Visvesvaraya PhD scheme in Electronics and IT funded by MEIT, Govt. of India.
Collaboration with other Department/Institutes
- University of Bremen, Germany
- Indian Institute of Technology, Kharagpur
- Indian Institute of Technology, Guwahati
- CDAC, Pune

Programmes/Courses offered by the department

- B.Tech in Computer Science and Engineering
- M. Tech in Computer science and Engineering with specialization in Information Security
- PhD in Computer Science and Engineering

Any Special Lecture/ Seminar/Workshop organized

- Workshop on “Data Mining and Business Analytics” jointly organized by ISI Hyderabad and NIT Sikkim, during November 16-19, 2016.
- 2nd Workshop on “Establishing Research Laboratories using C-DAC Lab Kits in North East Region Educational Institutes” at National Institute of Technology Sikkim, Sikkim, India, May 14-15, 2016.

Activities outside the Institute

- Dr. Sangram Ray delivered an invited talk in International Seminar on “Emerging Trends in Information Science and Technology” at Raiganj University, Raiganj, W.B, India, on 13th January, 2017.
- Dr. Pratyay Kuila delivered an invited talk in TEQIP – II Sponsored Workshop on IoT devices and Sensor Networks (IoTSN - 2016) at Veer Surendra Sai University of Technology, Burla - 768018, Odisha on 22nd – 23rd October 2016.
- Dr. Pratyay Kuila delivered an invited talk in Madan Mohan Malaviya University of Technology (MMMUT, Govt. of UP), Gorakhpur, Uttar Pradesh-273016, on 21st December 2016.

Publication:

- Sangram Ray, G. P. Biswas and Mou Dasgupta Secure Multi-purpose Mobile Banking using Elliptic Curve Cryptography”, Wireless Personal Communications, Springer, June 2016, vol. 90, no. 3, pp. 1-24. (SCI-E)
- Pratyay Kuila and Prasanta K. Jana “Evolutionary Computing Approaches for Clustering and Routing in Wireless Sensor Networks,” in Handbook of Research on Natural Computing for Optimization Problems, IGI Global, pp 246-266. ISBN 9781522500582, May, 2016.
- Tarun Biswas, Anjan Kumar Ray, Pratyay Kuila, Sangram Ray “Resource Factor-Based Leader Election for Ring Networks,” IC4S 2016, AISC (Springer), Vol. 553, pp. 251-257, (2016).
- Tarun Biswas, Pratyay Kuila, Anjan Kumar Ray “Multi-Level Queue for Task Scheduling in Heterogeneous Distributed Computing System,” 4th Int. ICACCS 2017, IEEE Explore, (2017). (Best Paper award)
- B. Balaji Naik, Dhananjay Singh, A. B. Samaddar, Hoon-Jae Lee “Security attacks on information centric networking for healthcare system”, 19th International Conference on Advanced Communication Technology (ICACT), Phoenix park, Pyeong Chang, South Korea, Feb 19-22, 2017, pp. 436-441.
- Suneet K Gupta, Pratyay Kuila and Prasanta K. Jana “Energy Efficient Multipath Routing for Wireless Sensor Networks: A Genetic Algorithm Approach,” ICACCI 2016, IEEE, pp. 1735-1740, September, 2016.
- Suneet K Gupta, Pratyay Kuila and Prasanta K. Jana “GA based Energy Efficient and Balanced Routing in k-connected Wireless Sensor Networks,” Proc. of ICIC2 2016, AISC (Springer), Vol. 458, pp. 679-686, November, 2016.
- Suneet K Gupta, Pratyay Kuila and Prasanta K. Jana “Energy Efficient Routing Algorithm for Wireless Sensor Networks: A Distributed Approach, Communication and Computing Systems: Proceedings of the International Conference on Communication and Computing Systems (ICCCS 2016), CRC Press, Taylor & Francis Group, pp. 207- 213, (ISBN 978-1-138-02952-1), February, 2017
- Mou Dasgupta, G. P. Biswas and Sangram Ray “Traffic Flow Modeling of Data Networks and its Solution using Goal Programming,” Proc. of World Congress on Engineering 2016 (WCE-16), at Imperial College, London, U.K, Jun 29 – July 1, 2016, vol. 1, pp. 188-193.

Involvement in Community Development:

- Lecture by faculty members to local schools.
- Computer exposure to the children in local villages.
- Computer exposure to Indian military personals, Ravangla.
- Department/Laboratory visit by school students from Ravangla, Namchi, Pelling etc.



Electrical and Electronic Engineering

Faculty Members in the Department:

- Dr. Anjan Kumar Ray(HOD I/c)
- Dr. Pradeep Kumar
- Mr. Molay Roy
- Dr. Sourav Mallick
- Dr. Aurobinda Panda
- Dr. Amit Kumar Yadav
- Dr. Kuntal Mandal

Facilities in the Department:

- The department has been developing its Machine Lab facilities.
- In collaboration with CDAC Bengaluru SCADA and Automation Lab facilities are also being carried out.

Laboratories:

- It is developing its Machine Lab, SCADA and Automation Lab facilities.

Ongoing Projects/schemes in the Department

- Dr. Anjan Kumar Ray of EEE received Visvesvaraya PhD project “Intelligent Networked Robotic Systems” along with Prof. Arun Baran Samaddar. One full time PhD scholar is working in the Department under this project.

Collaboration with other institutes/organizations

- NIT Silchar
- Gauhati University Institute of Technology, Assam
- Rajiv Gandhi University, Arunachal Pradesh
- NIT Durgapur
- CIT Kokrajhar

Programmes/courses offered by the Department:

- B. Tech. in Electrical and Electronics Engineering
- PhD (Full time & Part time)
- The department is also preparing to start M. Tech. programme from the next academic session

Landmark achieved in 2016-17

- Development of Machine Laboratory facilities.
- Development of new curriculum for B.Tech. Programme.
- Development of new curriculum for M.Tech. Programme and preparation to start M. Tech from next academic session.

Special lecture/seminar/workshop organized/attended in 2016-17

- Development of Machine Laboratory facilities.
- Development of new curriculum for B.Tech. Programme.
- Development of new curriculum for M.Tech. Programme and preparation to start M.Tech from next academic session.
- Departmental faculty members were involved in organizing all institutional lecture/seminar/workshops e.g. lecture series during Annual Tech Fest Abhiyantran.
- Dr. Sourav Mallick had visited Australia to present his work in IEEE POWERCON 2016 conference.

- Dr. Anjan Kumar Ray had visited Central Institute of Technology, Kokrajhar to deliver lectures on Robotics and Computer Vision
- Mr. Arabinda Ghosh, a PhD attended a short term course on “Integration of sustainable energy sources and smart grid” organised by Birla Institute of Technology (BIT), Deoghar.
- Mr. Arindam Singha, a PhD scholar attended a short course and workshop on “Cyber Physical System (CPS)” organized by Indian Institute of Technology Kanpur.

Publication

- M. Roy and M. Sengupta, A Commutation Strategy for IGBT-based CSI-fed Parallel Resonant Circuit for Induction Heating Application, Sadhana - Academy Proceedings in Engineering Science, Vol. 42, Issue 2, PP. 153-161, February, 2017.
- R. Mandal, S. S. Thakur, S. Mallick, Dynamic State Estimator using Three Parameter Exponential Smoothing Technique, IEEE First International Conference on Power Electronics, Intelligent Control and Energy Systems, Delhi, India, 4th July – 6th July, 2016.
- S. Mallick, B. Mishra, S. S. Thakur, A Novel Technique of State Estimation for Well- Conditioned and Ill-Conditioned Systems using Constant Observation Matrix, IEEE POWERCON 2016, Wollongong, Australia, 28th September -1st October, 2016.
- A. K. Yadav, H. Malik, S. S. Chandel, Tilt Angle Calculation for Installation of PV Systems for Mountainous Regions of Himachal Pradesh India, 2016 International Conference on Electrical Power and Energy Systems (ICEPES), Maulana Azad National Institute of Technology, Bhopal, India. Dec 14-16, 2016.
- Ghosh, A. K. Ray, Md. Nurujjaman, “Modelling and Stability of a Smart Grid as a Coupled Oscillator” in proceedings of Conference on Nonlinear Systems and Dynamics (CNSD), December 16th -18th, 2016.

Involvement in community development in 2016-17

Students along with faculty members were involved in Swachh Bharat Abhiyan. Faculty members also interacted with school students in open day programmes including DST-INSPIRE Science Camp.

Electronic and Communication Engineering

Faculty Members in the Department:

- Dr. Sanjay Kr. Jana (HOD, I/c)
- Mr. Surajit Kundu
- Mr. Hemant Kathania
- Mrs. Reshmi Dhara
- Dr. Waqar Ahmad
- Mr. Bappaditya Mandal

Facilities in the Department:

- Microelectronics and VLSI design Lab
- RF, Microwave and Antenna Lab
- Digital Signal Processing Lab
- Electronics Lab
- Logic design Lab
- Communication Lab

Ongoing Projects/schemes in the Department

- SMDPC2SD for Microelectronics and VLSI design
- “Visvesvaraya” PhD Scheme



Programmes/Course offered by the department

- B. Tech in electronics and Communication Engineering
- M. Tech in “Microelectronics and VLSI design”
- PhD programme in Microelectronics, VLSI design, Antenna and speech processing

Land mark achieved

- Introduction of M. Tech Course (2nd batch running)
- Introduction of PhD programme in various field
- Internship in various field (Maximum duration two months)

Special lecture/Seminar/workshop organized

- Special lecture by Prof. Girish Kumar (Prof. IIT Bombay)
- Special lecture by Dr. Gaurav Trivedi (Assistant Prof. IIT Guwahati)
- Special lecture by Dr. Harsh Chaturvedi Assistant Prof. IIT Guwahati)
- Three day’s workshop on “Mixed signal and RF circuit Design” from 30th September to 2nd October 2016

Mechanical Engineering

Faculty Members in the Department:

- Dr. Shambhunath Barman (HoD)
- Dr. Ranjan Basak
- Dr. Pranab Kumar Kundu
- Dr. Debajit Saha
- Dr. Anindya Malas

Laboratories

- Mechanical Workshop
- Fluid Mechanics Laboratory
- Strength of Materials Laboratory
- Production Engineering Laboratory

Collaboration with other Department/Institutes

The department has collaborated with the following institutes the laboratory classes of different semesters.

- Indian Institute of Technology, Guwahati.
- Indian Institute of Technology, Kharagpur.
- Indian Institute of Engineering Science and Technology, Shibpur

Programmes/Courses offered by the department

- B.Tech. in Mechanical Engineering
- PhD in Mechanical Engineering

Invited Talk: Delivered by Dr. Pranab Kumar Kundu in TEQIP-II sponsored short term course on “Advances in Micro System Technologies (AMST)” scheduled from 20.02.17 to 24.02.17 at Department of Mechanical Engineering, NIT Durgapur, W.B, India.

Publications

- S. Sarkar and P. K. Kundu, “Engineering Mechanics”, Matrix Educare Pvt. Ltd., 231/A, C. R. Avenue. Opp. Girish Park Metro Station, 700006, ISBN 978-93-80221-01-4 (Pages 640), 14th Revised Edition, July 2016.

- S. Sarkar and P. K. Kundu, "Engineering Thermodynamics and Fluid Mechanics", Matrix Educare Pvt. Ltd., 231/A, C. R. Avenue. Opp. Girish Park Metro Station, 700006, ISBN 978-93-80221-21-2 (Pages 670), 14th Revised Edition, February 2017.
- S. Sarkar and P. K. Kundu, "Thermal Power Engineering", Matrix Educare Pvt. Ltd., 231/A, C. R. Avenue. Opp. Girish Park Metro Station, 700006, ISBN 978-93-80221-45-8 (Pages 459), Revised Edition, February 2017.
- P. K. Mondal, H. Gaikwad, P. K. Kundu, S. Wongwises, "Effect of thermal asymmetries on the entropy generation analysis of a variable viscosity Couette–Poiseuille flow", Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, 2017, Volume 231, Issue 5, pp 1011–1024, <https://doi.org/10.1177/0954408916688234>
- M. Mukhopadhyay and P. K. Kundu, "Laser Assisted Conditioning of Aluminium Oxide Grinding Wheel using Nd:YAG Laser: A Review", Proceedings of National Conference on Advanced Functional Materials Processing and Manufacturing; pp. 63-66; 2-3 February, 2017.
- D. Saha, P. Bit and S. Majumder, "Laminar Three Dimensional Fluid Flow and Heat Transfer Analysis Considering Twin Side mass Injections with partial or No Admittance of main Flow in a Square Duct", 6th International and 43rd national Conference on Fluid Mechanics and Fluid Power, MNNIT Allahabad, 15-17 December, 2016.
- A K Rout, S Majumder, D Saha and A Mandal, "Study of Laminar Flow in a Square Duct with Injection from a Porous Wall", 6th International and 43rd national Conference on Fluid Mechanics and Fluid Power, MNNIT Allahabad, 15-17 December, 2016.
- A Banarjee and S Barman, "A Multi-Phase Closed Pipelines Simulation Approach for Transportation of Heavy Oil with OpenFOAM in HPC", Proceedings of Sixth International Congress on Computational Mechanics and Simulation, on 27th June to 1st July, 2016 in IIT Bombay.
- A Banarjee and S Barman, "Multiphase Flow Velocity Simulation for Transport of Extra Heavy Crude Oil through OpenFOAM in HPC", Proceedings of the 6th International and 43rd National Conference on Fluid Mechanics and Fluid Power, December 15-17, 2016, MNNITA, Allahabad, U.P., India, Paper No-280.

Department of Chemistry

Faculty Members in the Department

- Dr. Tarkanath Kundu (HOD IC)
- Dr. Achintesh Narayan Biswas
- Dr. Sumit Saha

Facilities in the Department

The department is equipped with following analytical/laboratory instruments

- FT-IR Spectrophotometer
- UV-Vis spectrophotometer
- Low temperature cooling bath
- Colorimeters
- Autoclave
- BOD incubator
- PH meters

Ongoing Projects/Schemes in the Department

- Dr. Sumit Saha – Asymmetric Synthesis of Bio active Natural Products and related Compounds Compounds using Carbohydrate as Chiral template (DST)
- Dr. Tarakanath Kundu – Metal Catalyzed formal diastereo and enantioselective reaction of carbohydrate derived vinylcyclopropanes (DST)
- Dr. Achintesh Narayan Biswas – Tuning the Reactivity of Metal-oxygen Intermediates in C-H Activation and Water Oxidation (Funded by DST)
- Dr. Achintesh Narayan Biswas –Molecular Water Oxidation Catalysts based on Earth Abundant Transition Metals (Funded by CSIR)



Landmark achieved:

The Senate of the Institute approved a proposal for starting a Two year MSc course in Chemistry starting from academic year 2017-18.

Activities outside the Institute

Mr. Sachidulal Biswas and Dr. Achintesh Narayan Biswas, presented poster at 5th Symposium on Advanced Biological Inorganic Chemistry (SABIC), Organized by Indian Association for the Cultivation of Science at Hotel Stadel, Salt Lake Stadium, Kolkata

Department of Humanities & Social Science

Faculty Members in the Department:

- Dr. Dhananjay Tripathi (HoD_{sc})
- Dr. Debi Prasad Bal

Publications

- Debi Prasad Bal and Badri Narayan Rath, (2016) "Is Public Debt Burden for India?", Economic papers: a journal of applied economics and policy, Vol. 35 (2), pp. 184-201, Published by Wiley.
- Debi Prasad Bal, Devi Prasad Dash and Bibhudutta Subasis, (2016) "The Effects of Capital Formation for Economics Growth: Evidence from India", Global Business Review, Vol. 17 (6), pp. 1-13, Sage Publication.
- Devi Prasad Dash, Debi Prasad Bal and Manoranjan Sahoo, (2016) "The Nexus Between Defense Expenditure and Economic Growth in BRIC Economies", Theoretical and Applied Economics, Vol. XXIII, pp. 89-102, Published by ECTAP.
- Dr. Dhananjay Tripathi presented the paper "Humour as a Subliminal Strategy in R.K. Narayan's Anticolonial Discourse" at the International conference on Humour organized by Inter-disciplinary.Net at Mansfield College, University of Oxford, Oxford, and London during 2-4 June, 2016.
- Dr. Debi Prasad Bal presented the paper "Analysis of Crude Oil Price based on Hilbert-Huang Transformation Approach" at 53th Annual Conference of The Indian Econometrics Society (TIES), NISER, Bhubaneswar, December 24 to 26, 2016.

Department of Mathematics

Faculty Members in the Department:

- Dr. Ravi Srivastava (FIC of the Department)
- Dr. Om Prakash
- Dr. Sayantan Mandal

Programme offered by the Department:

- PhD

Department of Physics

Faculty Members in the Department

- Dr. Md Nurujjaman (HOD_{ic})
- Dr. Anindya Biswas

Facilities in the Department

- The Department offers PhD degree.
- The Department of Physics has been a part of the National Institute of Technology Sikkim since its establishment in the year 2010. Departmental Faculty members are actively engaged in teaching and research. Presently the Department offers Physics, Electromagnetic field theory, Solid state device and Basic Electrical Sciences courses to different engineering branches of B. Tech. The faculty members are presently engaged in research in the broad areas of effect of Noise on nonlinear system, low temperature physics, non-linear dynamics, quantum information and its interface with many-body physics, Time series analysis.

Laboratories

- Physics Laboratory
Hall Effect, Quincke's Tube, Newton's Ring etc
- PhD Laboratory

Collaboration with other Department/Institutes

- The Department has active research collaborations with Saha Institute of Nuclear Physics, Kolkata, Jadavpur University, Presidency University and Harish-chandra Research Institute, Allahabad. Currently Radon gas monitoring system, a possible avenue for early earthquake detection, has been installed at NIT Sikkim, in collaboration with Jadavpur University.
- Dr. Anindya Biswas visited the Quantum Information and Computation group at Harish-Chandra Research Institute, Allahabad during July 2016 and December 2016 for collaborative research.

Publications

- S Chowdhury, A Deb, M Nurujjaman, C Barman "Identification of pre-seismic anomalies of soil radon-222 signal using Hilbert–Huang transform", Natural Hazards 87 (3), 1587-1606
- DP Bal, M Nurujjaman "A study of nonlinear dependence between Oil Price and Stock Returns in India" Conference on Nonlinear Systems & Dynamics IISER Kolkata 16, 18.
- A Ghosh, M Nurujjaman, AK Ray "Modelling and Stability of a Smart Grid as a Coupled Oscillator", Conference on Nonlinear Systems & Dynamics IISER Kolkata 16, 18.

VARIOUS EVENTS & CELEBRATIONS

Sports and Games

Physical Education, Games, Sports and Cultural activities are other dimensions of the institute where students can involve themselves to remain healthy and refreshed. There are a number of Games, Sports and cultural activities in the institute.

In regular games and sports activities, every hostel has the facilities of Table Tennis, Carom board, Chess boards. In addition, there are number of well-maintained fields where student can play football, Volleyball, Kho-Kho, and Cricket. A well maintained indoor badminton court is also there inside campus. All the fields and court are having proper lightning facilities for the convenience of playing at night also.

Students also participate in the different Inter-NIT tournaments hosted by the several NITs at different parts of the country and perform well every year. During this year students from NIT Sikkim participated in the following Inter-NIT events.

- Cricket (Boys) – held at NIT Rourkela during January 27-30, 2017

Sl.No.	Name of Students	Roll No.
1	Anil Pal	B140062CE
2	Saurav Singh Rathore	B140041ME
3	Prabhat Ranjan	B140076EE
4	Rajkumar Seervi	B140096ME
5	Ajay Kumar	B140040CS
6	Vishal Prasad Sharma	M150003CS
7	Udit Kamboj	M150004CS
8	Suchit Kumar Gupta	M150006CS
9	Kamal Nabh Mishra	B140057CS
10	Sonu Anand	B160071CE
11	Shubham Kumar	B150106CE
12	Sridhar	B150097CE
13	N.B.V.S Ram Mohan	B150079ME
14	Ankur Kumar	B150031CE
15	Suresh Meena	B150140EC
16	Santosh Ghimeray	B150030CE



- Badminton (Boys) – held at NIT Tiruchirappally during March 24-26, 2017

Sl.No.	Name of Students	Roll No.
1	Subham Kumar	B140005CS
2	Keshav Kumar	B140010ME
3	Jahir Hussain	B160055EE
4	Krishna Prasad Sharma	B150050CS

- Badminton (Girls) – held at NIT Tiruchirappally during March 24-26, 2017

Sl.No.	Name of Students	Roll No.
1	Aurunima Samaddar	B140016EC
2	Prachi Agnihotri	B150116BI
3	Sarita Kumari Gupta	B150043EC
4	Intasam Anjum	B160085EE

- Kho-kho (Boys) –held at NIT Surathkal during March 17-19, 2017

Sl. No.	NAME OF STUDENTS	Roll no.
1	Nikhil Reddy Sheri	B140050ME
2	Vinay Kumar Reddy	B140086EE
3	Akula Aravinda Swami	B140077EE
4	Tulugu Goutham	B140087EC
5	U. Akhil Kumar	B150060EE
6	K.Sainath Reddy	B160120EE
7	Lohith Surishetty	B160014EC
8	Hemanth Kumar Kota	B160112EC
9	Sumit Kumar	B160001EC
10	Nitin Pal	B160020ME
11	K. Sai Lakshman	B160019CS
12	Shaik Riyaz	B140100CE

- Volleyball (Boys) – held at NIT Surathkal during March 17-19, 2017

Sl.No.	Name of Students	Roll No.
1	C.V.Bhargav	B140049EC
2	Nandh Jha	B140007CS
3	Lakshay Bharadwaj	B140008CS
4	Subham Kumar	B140005CS
5	Guguloth Srikanth	B140090CS
6	Tharun Kumar Gudepu	B140097EC
7	Seera Mahanti Rao	B160109ME
8	Ratan Thakur	B160030CE
9	Bishal Gupta	B140006CS
10	Rabindra Kumar	B160056CS
11	Vishesh Dab	B150035EC

Gymnasium:

Well-equipped gymnasium is there for the boys inside the campus where all the modern gymnasium equipment's are housed. A separate gymnasium is also maintained in parallel to cater the needs of the girl students of the institute.

Annual Sports Meet:

Annual Sports meet of the institute is organized every year to motivate students in games, sports activities. A number of athletic events along with all the indoor and outdoor games & sports are organized. Students also organize the cricket tournaments "Xplode Cup" and "Monsoon Cup" every year, which are also the parts of games & sports activities of the institute. During this year the annual sports of the institute was held during March 24-25, 2017. Arjuna Awardee Gorkha Boxer Shri Jas Lal Pradhan was present as a Chief Guest during the inauguration.

Several indoor and outdoor events were organized as detailed below:

For boys:

Cricket (Explode Cup), Football, Volleyball, Badminton (Single & Double), Table Tennis (Single & Double), Athletics, Chess

For Girls:

Badminton (Single & Double), Table Tennis (Single & Double), Athletics, Breaking Earthen Pot, Musical Chairs, Chess

For Faculties & Staffs:

Athletics, Wicket Breaking, Breaking Earthen Pot (Girls, Lady Faculties & staffs), Musical Chairs (For Girl, Lady faculties & Staffs), Tug of war (Male Faculties and Staff)

In Athletics the following events have been organized

Run: 100m (boys), 100m (girls), 100m (Staffs & Faculties), 400m (boys), 400m (girls), 4×100m Relay (Boys), 4×100m Relay (Girls)

Discus throw: (boys), discus throw (girls)

Long jump: (boys), long jump (girls)

Shot put (boys), Shot put (girls)



Udgam-16

Udgam 2016, an annual socio-cultural fest of National Institute of Technology Sikkim was held during the month of April 2016, various events and cultural programmes were organised during the part of the fest. Eminent speakers and well renowned artists like Sonam Tshering Lepcha, Deepak Gupta, Hildamit Lepcha had their presence here at NIT Sikkim.

Sonam Tshering Lepcha: is an Indian folk musician, composer and lyricist. He is the first among Lepcha people to air his voice on All India Radio and is credited with the revival of Lepcha culture, one of the indigenous cultures of the Indian state of Sikkim. He is reported to be credited with over 400 folk songs, 102 folk dances and 10 dance dramas.

Shri Sonam Tshering Lepcha was born on 3 January 1928 in Bong Busty in Kalimpong, West Bengal, to Nimgay Tamsang and started his career as a soldier. Later, he wandered around Sikkim, collecting traditional musical instruments and compiling songs and became the first Lepcha to feature on All India Radio in 1960. He is the founder of a museum in Kalimpong which houses several ancient and rare artifacts including indigenous musical instruments, ancient weapons and manuscripts. He received the Sangeet Natak Akademi Award of the Sangeet Natak Akademi in 1995. The Government of India awarded him the fourth highest civilian honour of the Padma Shri, in 2007, for contributions to folk music. In 2011, in connection with the 150th Birth day celebrations of Rabindranath Tagore, Sangeet Natak Akademi selected 100 eminent performing artists of the country and Shri Sonam Tshering Lepcha was included in the list of 50 for the Tagore Akademi Ratna Award.



Deepak Gupta: Born in Faridabad, New Delhi, on 15th March, 1972, Kavi Deepak Gupta is one the laughter king among Indian standup comedians. He is known as Hasya Vyangya Kavi, Poet of Laughter & satire ghazalkar, anchor. He is the first poet of TV shows "WAH WAH KYA BAAT HAI" on SAB TV-2004 and "ARZ KIYA HAI" on NDTV-2004. He hosted the TV show Khabardar Khabrein" on Janmat TV-2005-2005. He has performed on many national and international stages and achieved several awards and honours.

He has performed in thousands of Kavi Sammelans in the country covering all Metropolitan Cities including

Government Sector, Public Sector Undertaking, Corporate Sector, Educational Institutes & Universities, Banks, Clubs, Professional Groups, Clubs, RWA's, NGO's, Literary Associations etc. as well as Performed in Abroad.

Hildamit Lepcha, before coming into limelight after being nominated for the Padmashree Award, was just an artist who loved to sing and play folk music and is working as an instructor at the Cultural & Heritage Department, Government of Sikkim for past 33 years. 57 years of age, Hildamit was born in Kalimpong in 1956. She started playing Lepcha instruments and singing from her early teenage years. She has inherited the dance and music from her husband, Padmashree Sonam Tshering Lepcha, an eminent figure in Lepcha Music. He has been her major inspiration.



Abhiyantran-16

As per the academic and creative spirit of National Institute of Technology Sikkim, every year the students organize Annual Technical Fest, *Abhiyantran* for future engineers assembling from various academic institutions with a competitive spirit to participate and showcase their innovations. During this year the third chapter of the festival was organized during September 15th -17th, 2016. The event, dedicated to the legacy of Dr. APJ Abdul Kalam, was successful enough to attract more than 300 registrations for three day fest which includes all the events. The fest executed with a total of 26 events, comprehensive technical sessions, Tech Exhibition and various workshops in the field of Seismic Design of Buildings, Internal Combustion Engines, Internet of Things, Ethical Hacking etc.

Eminent academic personalities shared their words of wisdom and encourage the participating future engineers to address major science and engineering challenges pertinent to the society. *Abhiyantran 2k16* is proud to honour eminent personalities like Mr. Ravi Venkatesan, Dr. Sujata Ramdurai (Algebraic number theorist, Professor of Mathematics at TIFR), Dr. Asis Datta (Biochemist, recipient of Shanti Swarup Bhatnagar Award-1999) and Dr. Anirban Basu (President, Computer Society of India).





TRAINING AND PLACEMENT

FIC (T&P) Dr. Dhananjay Tripathi is the head and looks after the T&P Cell. A group of students of the institute works with the FIC to make the placement session successful. The initiative helps the students in getting the practical training in office management, team work. T&P also looks after the internships to the students. T&P Cell also conducts various workshops, training programmes for the students in improving soft skills.

2012 - 2016 BATCH (B. Tech CSE, ECE, EEE)

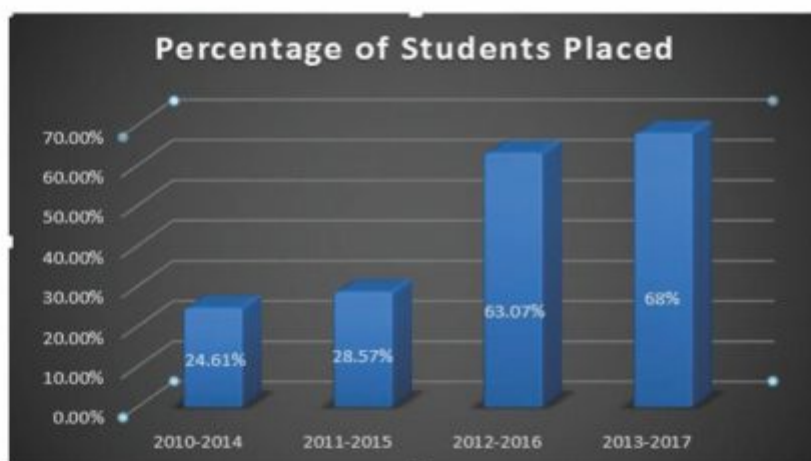
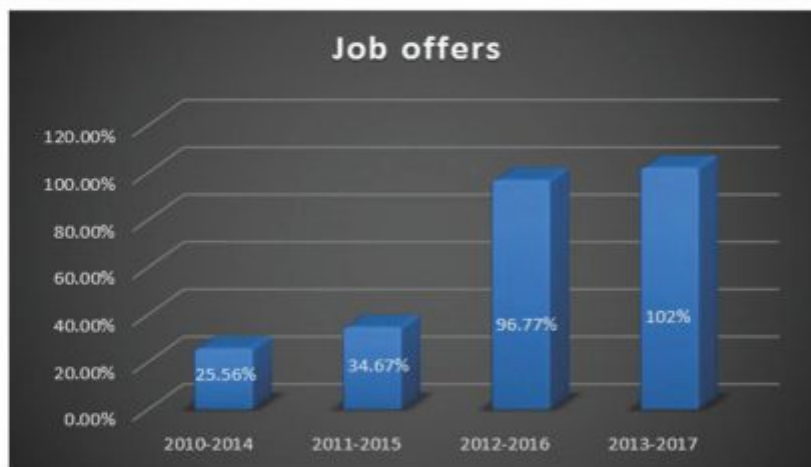
Sl. No	Name of the company	Total Number of students selected
1	Polaris	3
2	Mu Sigma	2
3	L & T Infotech	1
4	IBM	6
5	Tech Mahindra	9
6	Inatech	2
7	Intel	1
8	Wipro	3
9	L & T Constructions	3
10	Yodlee	1
11	Infosys	6
12	Robert Bosh	1
13	Virtusa	14
14	Amdocs	3
15	Huawei	4
16	Power Grid	3
17	Microsoft	1

- Highest Annual CTC (in INR) = 11,43,000/- (Power Grid)

2013 - 2017 BATCH (B. Tech CSE, ECE, EEE, CE)

Sl. No	Name of the company	Total Number of students selected
1	CGI	2
2	Robert Bosch	3
3	Inatech	4
4	Intellect Design	2
5	Tech Mahindra	8
6	L & T Constructions	4
7	Intel	4
8	Capgemini	4
9	Kreeti Technologies	1
10	IBM	1
11	Sapient	1
12	Checktronix	3
13	Virtusa	1
14	Doodle Blue	2
15	Pyramids Marine and Aviation	14
16	Pyramids Marine and Aviation – CIVIL	5
17	Power Grid	5

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