

ANNUAL AND AUDIT REPORT 2013- 14

CONTENTS

	Page No.
01.00 INTRODUCTION	
Objectives	5
Education System	5
New Initiatives	6
2.00 AN OVERVIEW	
02.01 Historical Background	9
02.02 Location	9
02.03 Campus	9
02.04 Administration	9
02.05 Academic Programmes	10
02.06 Courses Offered	10
02.07 Admission Procedure	10
02.08 Students	12
02.09 Examination and Evaluation	12
02.10 Training and Placement	13
02.11 Events and Activities	14
02.12 Games and Sports	17
02.13 Notable Achievements	17
02.14 Research and Development Infrastructure	17
03.00 THE STAFF	
03.01 Academic Staff	19
03.02 Officers	20
03.03 Continuing Education Programme	22



04.00	ACADEMIC PROGRAMMES	
04.01	Courses Offered	24
04.02	Enrollment with Gender, Caste break-up	24
04.03	The Hostels	25
04.04	Scholarships / Monetary Assistance	27
04.05	Games and Sports	27
04.06	Awards	28
05.00	RESEARCH AND DEVELOPMENT ACTIVITIES	
05.01	Ph. D. Programmes - Existing	29
05.02	Ongoing Research Projects	30
05.03	Sponsored Research and Industrial Consultancy (SRIC)	31
06.00	ADMINISTRATIVE AND STATUTATORY BODIES AND OTHER COMMITTEES	
06.01	Board of Governors	32
06.02	Finance Committee	33
06.03	Building and Works Committee	34
06.04	Senate	35
07.00	CONCESSIONS FOR SCs, STs AND PWD	
07.01	Concession to Students	36
07.02	Concession to Staff	36
08.00	FINANCIAL STATUS	
08.01	Analysis of Plan and Non- Plan Grants	37
08.02	Sources of Funds	37

09.00	CENTRAL FACILITIES AND SERVICES	
09.01	Computer Centre	38
09.02	Workshop	38
09.03	Library	39
09.04	Laboratories	42
09.05	Hospital	46
09.06	Physical Facilities	47
09.07	Games and Sports facilities	47
09.08	Other facilities like Hostels, Messes, Staff Quarters and Administration	47
10.00	NOTABLE ACHIEVEMENTS	48
11.00	ACTIVITIES OF TECHNICAL ASSOCIATIONS AND STUDENT HOBBY CLUB	50
	AUDIT REPORT	51



Director's Message

I am very happy to inform you that the year 2013 has been a productive and fruitful year for NIT Uttarakhand. I am proud to announce that we have recruited 33 faculty members, 04 Officers and 12 non-Teaching members in the academic year 2013-2014. We have at our credit the introduction of B. Tech. program in Civil Engineering from this academic year. Further, we have admitted 246 students in various departments of our first year B.Tech. programme. The distribution of enrolled students in various departments is as follows: 59 students in Civil Engineering Department, 45 in Computer Science, 43 in Electronics, 47 in Electrical, and 52 in Mechanical Engineering. Furthermore, we have introduced our monthly Newsletter, "Technosavvy" and Wall Magazine "Think Tank" to boost imagination, creative, and writing skills of our students in 2013.



Additionally, the Training and Placement Cell of NIT Uttarakhand was formed this year with the aim of placement of our first batch of outgoing students. I am glad to say that the cell is actively functioning and Trident Group Industries, Suncore Microsystems Pvt. Ltd., Spectrum Planning Services Pvt. Ltd., Amazon India Pvt. Ltd., Ramco India Pvt. Ltd. have already visited the campus for recruitment purpose and 7 students have got their placement through the cell, with the highest package offered being 9 lacs.

The Institute formulated various ordinances and constituted many committees for its proper functioning and policy-making. It gives me immense pleasure to announce that we took some concrete steps towards the expansion of our campus. We are in the process of extension of our campus by 600 sqm at the Industrial Training Institute, Srinagar, Uttarakhand. Considering the increased enrollment of students, we are constructing two more Boys hostels with the aim of accommodating 270 students and intend the construction of a Girls hostel to accommodate 25 students. Additionally, the State Government of Uttarakhand has kindly sanctioned 125 hectares of land at Sumari, a village situated at a distance of 22 kms from Srinagar, for the construction of our permanent campus and the Foundation Stone Laying Ceremony for the same was held on February 19th, 2014.

Ph.D. program have started from Spring 2014 and M.Sc., M.Tech. and Management Studies programs are planned from Autumn 2015.

In closing, we acknowledge the active support and encouragement that we have received from our students, parents, members of the NIT-UK community, Board of Governors, and the Government and we eagerly look forward to having such continued assistance in the coming years.

Prof. H. T. Thorat



INTRODUCTION

National Institute of Technology (NIT) Uttarakhand is one among the ten newly sanctioned NITs in 2009 by the Government of India under the 11th five year plan. The Institute is fully funded by the Government of India under the Ministry of Human Resource Development. The Institute in its fledgling years was placed under the mentorship of NIT Kurukshetra prior to Prof. H.T. Thorat, joined the Institute as the first regular Director. Presently NIT Uttarakhand is carrying out its activities from its temporary campus at Government Polytechnic Srinagar Garhwal, Uttarakhand.

In the year 2013, the Institute took some concrete steps towards realizing its dream of becoming a technological Institute of national prominence. This year the Institute has recruited 33 faculty, 04 Officers and 12 non-Teaching Staff and introduced B. Tech. program in Civil Engineering. There has also been a consequent increase in the number of student intake from 237 in 2012 to 470 in 2013.

Considering the increasing number of students and teachers, the Institute is in the process of expansion of its campus by 600 sq.m. at the Industrial Training Institute, Srinagar, Uttarakhand. Also, the State Government of Uttarakhand has allotted 125 hectares of land at Sumari, a village situated at a distance of 22 kms from Srinagar, for the construction of its permanent campus. The Foundation Stone Laying Ceremony for the permanent campus was held on February 19th, 2014 at the hands of Hon^oble Chief Minister of Uttarakhand.

Currently, the Institute is running full time B.Tech Programs in Computer Science Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, and Civil Engineering with a total enrollment of 470 students.

Objectives

The Institute is committed to impart high class technical education and create a Technocrat for providing services to community and make the people aware of crucial socio-technical and socio-economical problems, offer technical solutions in rural urban and agriculture sectors. The Institute aims at structuring academic programmes in keeping with National development, generate technical human resource and interact with the Industries for development of the Nation.

Education System

The Institute runs four year Under Graduate programmes in Electrical Engineering, Electronics Engineering, Computer Science and Engineering, Mechanical Engineering and



Civil Engineering. Programmes follow Semester pattern and Credit based system of Teaching and evaluation. The Academic year is divided into two Semesters (Autumn and Spring) and two Terms (Summer and Winter).

Students are required to attend every lecture, tutorial and practical classes. They are awarded attendance grades which are considered to make them eligible for appearing in the Examinations.

Students are awarded Cumulative Grade Point Average (CGPA) for evaluation of their academic performance.

Registration:

Every student is required to be present and register at the commencement of each semester on the day notified in the Academic calendar.

- Registration for all courses is compulsory during the first two semesters of B. Tech. programme as all the courses are common for all the branches.
- For all the Semesters, the registrations are organized departmentally under the supervision of the Head of the Department.
- Students who have cleared all the dues of the Institute and Hostel in the previous Semesters, paid the prescribed fees for the current Semester, and not been debarred from registering for a specified period on disciplinary or any other ground are only permitted to register.
- To be able to register in the second year and continue his / her study in the Institute at the end of the first year, a student has to earn a minimum of 30 credits (after supplementary examinations) and
- To be able to register in the third year, a student has to earn a minimum of 70 credits at the end of second year (after supplementary examinations) and should have satisfactorily cleared all the courses of first year.
- To be able to register in the fourth year, a student has to earn a minimum of 110 credits at the end of third year (after supplementary examinations).
- Students are allowed for late registration two times in the entire duration of B.Tech Programme. To avail the late registration facility, a student is required to report before the day of enrollment.

New Initiatives

The academic year 2013-14 for NIT UK was marked by significant achievements and accomplishment. The following are the most significant initiatives undertaken during the year under the Report:

- 1. Training and Placement Cell-** The Institute formed its Training and Placement Cell



this year with the aim of placement of our first batch of outgoing students. It is a matter of pride to announce that the cell is functioning actively and Trident Group Industries, Suncore Microsystems Pvt. Ltd., Spectrum Planning Services Pvt. Ltd., Amazon India Pvt. Ltd., Ramco India Pvt. Ltd. have already visited the campus for recruitment purpose and 7 students have got their placement through the cell, with the highest package offered being 9 lacs.

- 2. Faculty Members visit IITs and NITs-**In an unique initiative, the Institute sponsored its novice faculty members to visit IITs and NITs to get first hand exposure of teaching pedagogy and research of international standard. The visit to the same was fertile and enlightening for the faculty members especially in terms of enriching our human resource and refurbishment of our academic edifice. The Institute officials and professors exhibited their intense interest in the visit and forthrightly answered their questions and quenched their thirst for knowledge by elevating their cognitive sense. The faculty members explored the teaching pedagogies, research developments, and collaborative opportunities at the Institutes. This academic pilgrimage enlightened them because they were blessed not only with the exchange of knowledge which they always crave for but also by the interactions with the modern intellectual incarnations of the Muse. The table below depicts the names of the faculty members and departments respective Institutes they visited:

Name of the staff and Departments	Institutes Visited
Dr. Ajay K. Chaubey- Humanities Mr. Apurba Mondal- Mech Engg. Mr. Sourav Bose- Elect. Engg.	IIT Bombay, SVNIT Surat and IIT Gandhinagar
Dr. Nitin Sharma- Humanities Mr. Ashwini K. Yadav- Mech Engg. Mr. Piyush Tiwari- Electr. Engg.	IIT Delhi, NIT Delhi, IIT Jodhpur and MNIT Jaipur
Prof. V. K. Sharma- Elect. Engg. Dr. Renu Badola Dangwal- Humanities Ms. Deepika Sipal- Electr. Engg.	IIT Madras, NIT Trichi and NIT Puducherry
Dr. Saroj Ranjan De- Humanities Dr. Anirban Mukherjee- Humanities Mr. Kumar Gaurav- Electr. Engg. Mr. Vikas Kukshal- Mech Engg.	IIT Madras, NIT Warangal and IIT Hyderabad
Dr. M. S. Khatri- Humanities Mr. Nitin Kumar- Comp. Sc. & Engg. Mr. Vineet P. Chandran- Elect. Engg.	IISc Bangalore, NIT Surathkal and NIT Goa
Dr. Indrajeet Nagpure- Humanities Dr. Pawan Kumar Rakesh- Mech Engg. Mr. Santosh Bhagat- Electro. Engg.	IIT Kanpur, NIT Allahabad and IIT Bhubaneswar

Dr. A. S. Dhundi- Mech Engg. Dr. Dheerendra B. Singh- Humanities Mr. Mahiraj S. Rawat- Elect. Engg.	IIT Kharagpur, NIT Silchar, NIT Manipur and NIT Mizoram
Dr. Vineeta Negi- Assist Registrar (Accts.) Dr. Gareema Sanaman- Assistant Librarian Dr. Pankaj Kandwal- Humanities Ms. Mitali Haldar- Comp. Sc. & Engg.	IIT Kharagpur, NIT Rourkela, NIT Arunachal and NIT Nagaland
Dr. Kuldeep Sharma- Humanities Mr. Mandeep Singh- Electr. Engg. Mr. Prakash Dwivedi- Elect. Engg. Mr. Maheep Singh- Comp. Sc. & Engg.	IIT Guwhati, NIT Durgapur, NIT Sikkim and NIT Meghalaya
Dr. Deepak Behra- Humanities Ms. Ghanpriya Singh- Electr. Engg. Ms. Smita Kaloni- Civil Engg.	IISc Bangalore, NIT Calicut and IIT Indore

3. Foundation Stone Laying Ceremony-

The Foundation Stone laying ceremony of National Institute of Technology Uttarakhand was held at Sumari, a village 22 kms away from Srinagar, Garhwal on the 19th February 2014 where the permanent campus of the Institute will be built extending over 300 acres of land. The Hon'ble Chief Minister of Uttarakhand, Shri Harish Rawat was the Chief Guest of the



ceremony. S/Shri Satpal Maharaj, MP Pauri Garhwal, Sarak Singh Rawat, Cabinet Minister of the Government of Uttarakhand, Ganesh Godiyal, MLA Srinagar, Garhwal, Prof. S.K. Singh, Vice-Chancellor, HNB University, Dr. M.C. Pant, Vice-Chancellor, Uttarakhand Medical University, Dr. V.L. Jahangirdar, Principal, Medical College, Srinagar, Mr. Rajesh Arora, GM, NBCC also graced the occasion. The Director of NIT Uttarakhand, Dr. H.T. Thorat emphasized upon the self-sufficiency of the new campus in terms of electricity and water supply. The model of the Institute campus has been prepared and the plan is to set up for eco-friendly campus. Further, the construction of the boundary wall for the new campus has commenced during the period of the Report.

02.00 AN OVERVIEW

02.01 Historical Background

National Institute of Technology (NIT) Uttarakhand is one amongst the ten newly sanctioned NITs in 2009 by the Government of India, Ministry of Human Resource Development, Department of Technical Education under the 11th five year plan. The Institute is fully funded by the Government of India under the Ministry of Human Resource Development. Presently National Institute of Technology (NIT) Uttarakhand is carrying out its activities from its temporary campus at Government Polytechnic Srinagar- Garhwal, Distt. Pauri- Garhwal, Uttarakhand.

02.02 Location

The temporary Campus located in the premises of Government Polytechnic, Srinagar Garhwal (Distt. Pauri-Garhwal) is 105 kms from Rishikesh on National Highway No. 58 leading to Badrinath (193 kms from Srinagar). Rishikesh is the nearest Railway Station. Haridwar, a major Railway Station in Uttarakhand is 130 km from Srinagar. The nearest airport is Jolly Grant, Dehradun which is 125 kms away from Srinagar. Srinagar is connected by road from the airport at Dehradun, railway stations and bus terminals at Rishikesh and Haridwar.

02.03 Campus

The Institute has a residential campus with all the basic facilities for the students temporarily fabricated buildings in the premises of Government Polytechnic. A separate mess is available for the students. The Institute also made a provision to accommodate the staff (staying alone as well as with families) in the town. The dispensary with visiting Doctor and a nurse cater medical needs of the staff and students. The infra-structure has been expanded on the site of ITI, adjoining to present temporary campus.

02.04 Administration

The Director is supported by team of Deans and Associate Deans in the matters related to Academics, Research and Planning, Student Welfare, Faculty Welfare, Planning and Development, Wardens, Centre Incharges of Computer Sports, Training and Placement, etc. Few staff dealing with Accounts, Administration, Library, Sports and Stores have been appointed while appointments of major positions of supporting staff in Technical and Ministerial cadre is under progress.



02.05 Academic Programmes

The Institute runs academic programmes i.e. Under graduate programmes in Engineering streams. Initially the programmes were in Electrical Engineering, Electronics Engineering and Computer Science and Engineering and subsequently introduced Under graduate programme in Mechanical Engineering and Civil Engineering in the academic year 2012- 13 and 2013- 14 respectively.

02.06 Courses Offered

Following Undergraduate Courses are offered by the Institute:

1. Electrical and Electronics Engineering
2. Electronics and Communication Engineering
3. Computer Science and Engineering
4. Mechanical Engineering
5. Civil Engineering

In addition the Institute also runs Doctoral programmes (leading to the degree of Ph.D.) in Electrical Engineering & Mechanical Engineering and also in Sciences and Humanities (Physics, Chemistry, Mathematics, English, Economics & Sociology).

02.07 Admission Procedure

Under Graduate Programmes:

Students having passed final examinations of 10+2 system conducted by recognized Central / State Board, Central Board of Secondary Education, Council for The Indian School Certificate Examination with Physics, Chemistry, Mathematics and English subjects are eligible for admission to first year B. Tech. course.

In NIT Uttarakhand 50% of the seats are from Home State i.e. Uttarakhand Quota and the remaining 50% from Others State (OS) Quota, i.e., all other States and UTs (Union Territories) accept the Home State. Other States exclude home state. The Home State of a candidate (also called State of Eligibility) is defined as the State of Uttarakhand from which the candidate has passed 12th standard (or equivalent) examination and not on the basis of nativity.

Admission to NIT Uttarakhand is on the basis of All India Rank (AIR) prepared by CBSE considering score in JEE (Main and normalized score of class 12th or equivalent qualifying exam (60% and 40% weightage respectively) across India by Common Merit List (CML) to the first year of Engineering/Technology programmes through a centralized seat allocation procedure. Candidates are offered only one seat based on their choice and their



JEE (Main) All India Rank (AIR) in Paper-I or Paper-II as applicable. JEE (Main) AIR in Paper-I and Paper-II are considered for seat allocation. Allocation of seat is done through the CSAB in order of preference of choices filled in by the candidates and availability of seats. A candidate may get a seat of higher preference of choices in the second round of allocation, and there may be further upgradation. The spot round of seat allocation is for the vacant seats available at Institute. After the first and second rounds, there is a spot round of seat allocation. Candidates eligible for these rounds may need to registrar online from places convenient to them or in any Help Centre. A candidate is required to fill in new choices for the Spot Round.

Doctorate

The Institute has started offering Doctoral programmes leading to Ph. D. Degree from the Academic year 2013-14. Candidates are shortlisted on the basis of a Master's degree in concerned or an allied subject with a minimum of 1st class (C.P.I or C.G.P.A. greater than 6.75 on a 10 point scale) at least 55% marks at Master's level & desirable GATE score/NET/SET. The shortlisted candidates on the basis of merit are called for written test followed by interview. For qualifying the written test, the candidates are required to secure 40% marks in the same. After qualifying the written test, the candidates are called for Interview on the same day. After qualifying the Interview, the eligible candidates are offered provisional admission on Part time or Full time basis depending on the interest of the candidate. After provisional admission to the Ph.D. programme each candidate is allotted a Supervisor. They are required to identify the area of research and have to prepare a synopsis in consultation with the supervisor in first 3 months. They have to present the proposed work in pre-registration Seminar in the presence of Research Progress Committee (RPC) in the month of June/December. On recommendation of RPC, the Registration of candidate will be confirmed and will be given Registration w.e.f. 1st January/ July by paying registration fees Rs.20,000/- to Institute. The Registration will be valid for the period of 6 years. The candidate is required to pay the registration fees Rs. 15,000/- in each semester to renew his/her registration. The Institute scholars are awarded fellowship as per norms. To avail Institute fellowship the candidate should be GATE/NET/SET qualified, otherwise, a consolated fellowship of Rs. 10000/- are awarded to the candidate for Ph.D full time programme. No Part Time Candidates are awarded Institute fellowship.



02.08 Students

Numbers of students admitted in First year B. Tech. during the year 2013- 14

1. Civil Engineering	59
2. Electrical Engineering	46
3. Mechanical Engineering	51
4. Electronics and Communication Engineering	42
5. Computer Science and Engineering	44
Total	242

Number of candidates admitted in Ph.D. course: 07

02.09 Examinations and Evaluations

Students are awarded grade points based on their performance in the class and examinations. The grades and their equivalent numerical points are listed below:

Grade	Grade points	Description
AA	10	Excellent
AB	9	Very good
BB	8	Good (Above Average)
BC	7	Meets all targeted objectives of the course.
CC	6	Below expectations
DD	4	Marginal, Meets minimum targeted objectives of the course.
EE	0	Poor
FF	0	Very poor
GG	-	Incomplete
UU	-	Unsatisfactory
PP	-	Audit pass
YY	-	Audit fail
XX	-	Withdrawal
KK	-	Continued
SS	-	Satisfactory completion (Zero credit course)
ZZ	-	Unsatisfactory / Failed (Zero credit course)
JJ	-	Failed three times in the core course. Permitted to replace it by Elective Course

Only passing grades will be shown in the final Grade Card. Student having CGPA minimum 6.75 is consider for the award of First Division.



Evaluation of Performance:

The performance of a student will be evaluated in terms of two indices, via, the Semester Grade Point Average (SGPA) which is the Grade Point Average for a semester and Cumulative Grade Point Average (CGPA) which is the Grade Point Average for all the completed semesters at any point in time.

The Earned Credits (ECR) is defined as the sum of course credits for courses in which students have been awarded grades between AA to DD. For UG students, credits from courses in which PP or SS grades have been obtained are also added.

Earned Grade Points in a semester (EGP) = \sum (Course credits x Grade point) for courses in which AA- DD grade has been obtained.

The SGPA is calculated on the basis of grades obtained in all courses, except audit courses and courses in which SS / ZZ grade is awarded, registered for in the particular semester. UU grades will be considered as failed grade with Grade Point of Zero and will be included while calculating SGPA.

The CGPA is calculated on the basis of all pass grades, except audit courses and courses in which SS/ZZ grade is awarded, obtained in all completed semesters.

SGPA = $\frac{EGP}{\sum \text{ (Course credits)}}$ for courses registered in a semester in which AA- FF grades are awarded

CGPA = $\frac{EGP}{\sum \text{ (Course credits)}}$ for courses registered in all completed semesters in which AA- DD grades are awarded.

The conversion formula from CGPA to percentage (%) is as under.

$$\text{Percentage (\%)} = 0.60 \times (\text{CGPA})^2 + 0.81 \times (\text{CGPA}) + 27.20$$

The conversion formula from percentage (%) to CGPA is as under.

$$\text{CGPA} = \frac{-0.81 + \sqrt{(0.81)^2 - 4 \times (0.60)(27.20 - \text{Percentage})}}{2 \times 0.60}$$

02.10 Training and Placement

The Institute has Training and Placement Cell for facilitating the students for their placement, internship and training through campus selection. Many companies visited the Institute during the year under Report and offered internship, training and placement including dream job to some students. Total seven students from Electrical Engineering,



Electronics Engineering and Computer Science Engineering have been offered job through placement.

02.11 Events and Activities

Workshop on Procurement of E-Journals

NIT Faculty members and Staff, Dr. Renu Bhadola Dangwal, Ms. Mitali Halder and Ms. Gareema Sanaman attended a National Workshop, “Promoting Excellence in Research Among NITs Through E-Journals” on 12th & 13th of July, 2013 at NIT Warangal. The major resolutions were formation of NIT Libraries consortium and procurement of E-Journals.

Workshop on Lab View

National Institute of Technology, Uttarakhand organized a workshop LABVIEW in association with the ADCC Infocad Pvt. Ltd. on the 10th and 11th of August, 2013. Many faculty members and students of the Institute actively participated in the workshop. The solutions to various engineering and industrial problems, the uses of various softwares were discussed in the workshop. Additionally the compatibility issue of various software programmes with hardware systems were elaborated upon and the functionality of various sensors were raised. The importance of sensors in conducting research activities were highlighted contextually.

Workshop on MATLAB

NIT, UK organized a workshop MATLAB in association with the ADCC Infocad Pvt. Ltd. On 7th and 8th of September, 2013. The faculty Members of the Institute actively participated in the workshop. The workshop involved various training modules including working with MATLAB user interface, analyzing vectors and matrices, working with data files, writing programs and functions, creating and modifying Simulink models, modeling continuous-time, discrete-time, and hybrid systems, etc.

Pre-Eureka Workshop

NIT Uttarakhand in association with E-cell IIT Bombay and Nurture Talent Academy organized a one day workshop on 14th September, 2013. Mr. Amit Grover, founder and CEO of Nurture Talent Academy Pvt. Ltd and Mr. Rajat Sharma, CEO, Thotlabs and Faculty Advisor, Nurture Talent Academy were present at the workshop. The aim of the workshop was to create awareness about the intricacies related to entrepreneurship, writing a B.Plan, and marketing and finance for the participants. This workshop also encouraged the students to participate in the Eureka and get a chance to go to IIT Bombay.

Workshop on Induction Training Program

A twenty hour induction program training for the benefit of newly recruited faculty and staff members was organized by NIT Uttarakhand between 20th September and 22nd September, 2013. Experts from VNIT Nagpur visited the institute to conduct the training sessions. More than forty members of NIT Uttarakhand staff attended the sessions. Sri. M. Gunsekran, VNIT Nagpur delivered lectures on General Financial Rules, transactions, purchase procedure, construction activity, service contract, income tax, service tax and professional tax as applicable to employee of NIT.



Mr. C.S. Tomar, OSD, VNIT Nagpur Office informed the faculty members about organization structure of NITs, authorities of NIT, NIT Act, implication of various sections of Act on functioning of NIT. He also discussed NIT statutes, powers of authorities, service conditions of employees and its regulation. Shri. A.P. Virodkar, Dy. Registrar (Accounts), VNIT, Nagpur also delivered an extensive discourse on Central Service Rules and its enforcement through statutes of NIT. He explained the relevance of terms like deputation, pension contribution, and leave salary contribution. He also conducted a session on Medical Attendance Rules, Entitlement for Family and Special Provisions therein. The young faculty and staff members enjoyed the educative sessions and utilized the opportunity to have their doubts clarified. The induction program was a grand success and the Valedictory session was organized on 22nd September 2013.

NIT UK Celebrates PRAVARTAK, 2013

The Council for Student Activities (CSA), NIT Uttarakhand organized the Freshers" party, Pravartak on September 22nd, 2013. The event was inaugurated by the hon"ble Director of NIT Uttarakhand, Prof H.T.Thorat. The program was marked by exciting performances by the newcomers. The talented youngsters mesmerized the audience by exuberant displays varying in the form of folk dance, salsa, and songs. Furthermore, there were stand-up comedy acts and a stage play to add to the flavor of the event. The event also witnessed the coronation of Miss and Mr Freshers", with Shireen Siddiqui crowned the former and Siddhant Saxena the latter. In closing of the event, delicious dinner was served to all the guests and participants.



Workshop on Stress Management

NIT Uttarakhand organized a workshop on "Facing the Challenges in Today"s World" between September 26th – 29th, 2013. The workshop aimed at equipping students & faculty members with stress management techniques. The inaugural session was organized on September 26th and Prof. (Dr.) V.L. Jahagirdar, Principal VCSG Medical College, Srinagar, was the chief guest of the ceremony. The expert panel comprised of psychologists, counselors, and social activists of eminence.

Dr. S.J. Batra, Medical Officer VNIT Nagpur, delivered a lecture on "Holistic Health" and underlined the importance of balanced diet for maintaining physical and mental fitness. Dr. A.S. Junghare, Associate Professor of Electrical Engineering, VNIT, highlighted various ways of keeping ourselves motivated. Mrs. Sumitra Chatterjee and Mrs. Aditi Deshmukh, Counselors VNIT, focused on various types of psychological problems encountered by the students and emphasized upon the importance of self-talk in countering such situations. Dr. S.N. Deshmukh, training and placement officer of VNIT Nagpur, highlighted on exam related anxieties and laid important guidelines for being successful in group discussions and interviews. Dr. Madhav Raje, renowned Psychiatrist from Nagpur, focused on the process of "self-image building" and emphasized on the role of the teacher in such image building

process. Mr. S.S. Junghere renowned industrial experts from Nagpur, pointed out on the significance of technical education and its relevance and demand in various industries. The workshop concluded on 29th September, 2013, with Dr. A.K. Singh, CMO Pauri District chairing the Valedictory session.

NIT UK Celebrates Durga Puja

NIT Uttarakhand graced the festive season by celebrating its maiden Durga Puja on 12th October, 2013. The event was celebrated in a grand way adhering to all the intricacies and details of the puja. The puja was followed by „pushpanali“ and „prasad vitran“, while aarti“, cultural programme and Dandiya night were organized in the evening. The relentless effort and systematic planning by the students earned much deserved accolades and commendations.



Workshop on Pedagogy

A comprehensive three day workshop on pedagogy was organized at NIT UK between October 25-28, 2013. The workshop was organized by experts and specialists in the field. The workshop addressed varied issues and topics: Renowned psychologist of VNIT Nagpur, Dr. Yogesh Deshpande elaborated on the need of understanding pedagogy of education, team building techniques, and management games. Dr. Vivek Nanoti, Principal, Priyadarshini Indira College of Engineering, Nagpur, highlighted on the role of modern technology in the teaching and learning process. Contextually, he emphasized upon reducing digital divide between teachers and students, ways of increasing communication skills, and evaluating the performance of teachers against some role models. Dr. Neeta V. Shah, Professor, Ramdeobaba College of Engineering and Management, Nagpur, in her talk, “Building Positive Attitude at Workplace”, focused on the influence of attitude on job satisfaction, involvement, and organizational commitment. Dr. Rozina Rana, Head of the Department, Priyadarshini Group, in her presentation on “Blending Teaching and Mentoring”, underlined the importance of understanding students and modifying the teaching pedagogy accordingly. She also discussed the importance of activity based learning. Dr. Chandran Vichoray in his talk, “New Tools in Engineering Education: Case Building for Engineering Teachers” explained the utility of using research papers to teach students use of videos and case-studies to explain complex engineering concepts. Dr. Shishir Palsapure, Associate Fellow and Supervisor, Albert Ellis Institute, New York, elaborated on strategies to counter stress and discussed several techniques of anger management. In his scintillating performance, Dr. Rahul Joshi exemplified the role of music therapy in countering pain, anxiety and depression. He also elaborated on ways of improving teaching performance through the inclusion of music and other activities. The



workshop concluded in the early hours of October 28th, with attendees receiving participation certificates from the experts.

02.12 Games and Sports

The Institute provides ample sports facilities to its students and staff. A sports centre aims at promotion and encouragement for participation in Inter-NIT and other open Sports competitions in the country. The Sports Centre headed by S.A.S.O. motivates the students for participation in Inter NIT sports meet, National level Inter Colligate Sports Festivals, Local Cricket Tournament. Arranges Staff Cricket Tournament, conducts Teaching and non-teaching staff cricket match, organized River rafting activity, adventures trip, sports meet 2013 and inter- house sports competition apart from intramural activities.

02.13 Notable Achievements

The staff and faculty members actively participated in National/International conferences, seminars, workshops, meetings organized by IITs, NITs, CFTIs and other reputed organizations. Some faculty members were invited for delivering expert lectures in other NITs and also published papers in referred/reputed journals.

Total twenty five students from Electronics Engineering, Electrical Engineering and Computer Science and Engineering were qualified in GATE examination while two each have cleared the CAT and GRE during the year.

02.14 Research and Development Infrastructure

Each department has sufficient infrastructure for research and development activity. This includes National Instrument's (NI) LabView Software, drives, inverted pendulum, Matlab, Oracle, Cisco Router, Blade Server, Permanent Magnet Brushless DC Motor, Vector Controlled Induction Motor, Solar and wind renewable energy system, Digital Storage Oscilloscope, servo motor.

ECE department has Elvis-II, Emona Sigex, NIPXI-5441, 100 MS/S AWG with onboard signal processing, NIPXIE 5632, 8.5 GHz vector network analyzer, NIPXIE-8820 2.2 GHz Celeron 1020 dual core, NI PXIE – 1085 18 slots 3 UPXI Express Chasis, RF Signal Analyzer up to 20 GHZ USB Signal Generator, RF Signal Analyzer up to 26.5 GHz Phase Matrix 26.5 GHz, PXI Vector Analyzer. NI USRP Wireless Communication 2932, 400 MHz to 4.4 GHz, gps clock software radio kit, hardware driver, 144, 400 and 1200 MHz Triband 7-inch vertical antenna, dual band 2.4 to 2.48 GHz and 4.9 to 5.9 GHz vertical antenna, 3 dbi gain, USRP MIMO Sync and Data Cables.

Mechanical Engg Dept. has National Instruments module for measuring pressure, temperature, acceleration, and strain. The Lab View software, computer aided design facility, wind tunnel, Universal testing Machine, machine shop and workshop facility.



Mechanical Engineering department has research interest in Manufacturing, Tool Design, Thermal, and Material Characterization.

Hall-Effect Setup, Four Probe Method, He-Ne Laser, Solar Cell, pH meter and conductivity meter, workshop and high speed computing facilities are available for researchers. A large number of online e-journals such as those of ieee, asme, sciencedirect, etc. are available for supporting the research activities.



03:00 THE STAFF**03:01 Academic Staff**

Sl. No.	Department	Professor	Associate Professor	Assistant Professor	Total
1	Civil Engineering	-	-	01	01
2	Computer Science and Engg.	-	-	03	03
3	Electronics and Comm. Engg.	-	-	03	03
4	Electrical Engg.	01	-	04	05
5	Mechanical Engg.	-	01	04	05
6	Chemistry	-	-	02	02
7	Economics	-	-	01	01
8	English	-	-	02	02
9	Mathematics	-	-	03	03
10	Physics	-	-	02	02
11	Sociology	-	-	01	01
Total		01	01	26	28

* Excluding those who left during the year.

Specialization detail of Faculty Staff

Sl. No.	Name / Highest Degree	Areas of Specialization
Professor		
1	Prof. V. K. Sharma	Electrical Engg.
Associate Professor		
1	Dr. A. S. Dhundi	Mechanical Engg.
Assistant Professors- Sciences and Humanities		
1	Dr. Manvendra Singh Khatri	Physics
2	Dr. Nagpure Indrajit Manohar	Physics
3	Dr. Saroj Ranjan De	Chemistry
4	Dr. Ajay Kumar Chaubey	English
5	Dr. Renu Bhadola Dangwal	English
6	Dr. Deepak Kumar Behera	Economics
7	Dr. Anirban Mukherjee	Sociology
8	Dr. Kuldeep Sharma	Mathematics
9	Dr. Dheerendra Bahadur Singh	Mathematics
10	Dr. Nitin Sharma	Mathematics
11	Dr. Pankaj Kandwal	Chemistry
Assistant Professors- Electronics and Communication		
12	Mr. Kumar Gaurav	Communication and SP
13	Ms. Ghanapriya Singh	Signal Processing



14	Mr. Santosh Kumar Bhagat	RF and Microwave
Assistant Professors- Electrical		
15	Mr. Prakash Dwivedi	Control System
16	Mr. Vineet P. Chandran	Power Systems
17	Mr. Mahiraj Singh Rawat	Power Systems
18	Mr. Sourav Bose	Power Systems
Assistant Professors- Mechanical		
19	Dr. Pawan Kumar Rakesh	Manufacturing
20	Mr. Vikas Kukshal	CAD- CAM
21	Mr. Apurba Mandal	Vibration Analysis
22	Mr. Ashwini Kumar Yadav	Heat Transfer
Assistant Professors- Computer Science		
23	Ms. Mitali Halder	Nat. Lang. Processing
24	Mr. Nitin Kumar	Image Processing
25	Mr. Maheep Singh	Network Security
Assistant Professors- Civil		
26	Ms. Smita Kaloni	Civil Engg.

03.02 Officers

Sl. No.	Designation	In position
1	Director	01
2	Assistant Registrar	02
3	Assistant Librarian	01
4	Students Activity and Sports Officer (S.A.S.O.)	01
Total		05

Details of Officers

Sl. No.	Name	Designation
1	Prof. H. T. Thorat	Director
2	Dr. Vineeta Negi	Assistant Registrar (Accounts)
3	Dr. Bhole Shankar Sikhwal	Assistant Registrar (Stores)
4	Dr. Kuldeep Singh	Students Activity and Sports Officer
5	Dr. Gareema Sanaman	Assistant Librarian

b) Non- Teaching Staff

Technical

Sl. No.	Designation	PB and GP	In position	OPEN	SC	ST	OBC
1	Technical Assistant	PB-2, ₹4200	05	04	-	-	01
2	Laboratory Assistant	PB-1, ₹2000	01	01	-	-	-
3	Technician	PB-1, ₹2000	04	03	01	-	-
Ministerial							
1	Accountant	PB-2, ₹4200	01	01	-	-	-
2	Superintendent	PB-2, ₹4200	01	01	-	-	-
3	Senior Assistant	PB-1, ₹2400	01	01	-	-	-
4	Junior Assistant	PB-1, ₹2000	01	01	-	-	-
Supporting Staff							
1	Multi Tasking	PB-1, ₹1800	02	02	-	-	-
Total			16	14	01	-	01

* Excluding those who left during the year.

Details of Non-Teaching staff

Sl. No.	Name	Designation	Department
1	Mr. Anoop Sharma	Accountant	Accounts
2	Mr. Sanjay Bhatt	Superintendent	Establishment
3	Mr. Anant Dev Tyagi	Technical Assistant	Computer Science & Engg.
4	Ms. Bhavana	Technical Assistant	Electronics
5	Ms. Neha Raturi	Technical Assistant	Physics
6	Mr. Ram Mohan Gupta	Technical Assistant	Mechanical
7	Mr. Subinoy Choudhury	Technical Assistant	Electrical
8	Mrs. Beena Rawat	Senior Assistant	Academic
9	Ms. Rekha Rawat	Junior Assistant	Academic
10	Mr. Anil Bhatt	Laboratory Assistant	Chemistry
11	Mr. Jai Dev	Technician	Computer Science & Engg.
12	Mr. Manoj Kumar	Technician	Computer Science & Engg.
13	Mr. Pradeep Kumar	Technician	Electrical
14	Mr. Sumit Chander Singh Rawat	Technician	Electronics
15	Mr. Ravindra Kumar	Multi-Tasking	Electrical
16	Mr. Santosh Singh Rawat	Multi-Tasking	Mechanical

Staff departed during the year

Sl. No.	Name	Department	Reason
1	Ms. Deepika Sipal	Electronics and Comm. Engg.	Resigned and relieved on own request
2	Mr. Mandeep Singh	Electronics and Comm. Engg.	Resigned and relieved on own request
3	Mr. Piyush Tewari	Electronics and Comm. Engg.	Resigned and relieved on own request
4	Mr. Rishabh Verma	Electronics and Comm. Engg.	Resigned and relieved on own request
5	Mr. Jayaram Nakka	Electrical Engg.	Resigned and relieved on own request
6	Mr. Pankaj Kumar	Accounts	Resigned and relieved on own request

03.03 Continuing Education Programme

The faculty members attended Seminars, Conferences and Workshops under the continuing education programme. The details are as under:

Sl. No.	Name of the staff member with designation	Workshop/Conference/Seminars	Place	Date	
				From	To
1	Prof. V K Sharma (Professor)	a) Design Analysis of Quantum Well Infrared Photo detectors, Presented at International Conference TelSa Tech	Indonesia	02.08.13	03.08.13
		b) WOSA-2014 for Accreditation Workshop	New Delhi	08.03.14	10.03.14
2	Mr. Vikas Kuksal (Assistant Professor)	Modeling and Simulations using Finite Element Methods	IIT Roorkee	07.01.14	11.01.14
3	Ms. Ghanapriya Singh (Assistant Professor)	WOSA-2014 for Accreditation Workshop	New Delhi	08.03.14	10.03.14
4	Mr. Nitin Kumar (Assistant Professor)	WOSA-2014 for Accreditation Workshop	New Delhi	08.03.14	10.03.14
5	Dr. Ajay Kumar	a) workshop on "Enhancing	IIT Roorkee	10.06.13	14.06.13



	Chaubey (Assistant Professor)	Effectiveness of Classroom Teaching through Soft Skills” b) “Bhojpuri Diaspora: Narratives of Migration” c) “Geo-political Locations in M G Vassanji”s <i>The Gunny Sack</i> ”	Centre for Diaspora Studies, Punjabi University, Patiala (Punjab) IIT-Indore	24.02.14 20.12.13	26.02.14 21.12.13
14	Dr. Renu Bhadola Dangwal (Assistant Professor)	a) Workshop on “Promoting Excellence in Research Among NITs Through E-Journals” b) Training Programme on “The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013	NIT Warangal, Andhra Pradesh Bangalore	12.07.13 24.02.14	13.07.13 25.02.14

04.00 ACADEMIC PROGRAMMES

04.01 Courses Offered

Undergraduate Courses (B. Tech.) first year

Sl. No.	Branch	Duration	Sanctioned Intake	Enrolled
1.	Civil Engineering	4 Years	60	59
2.	Electrical & Electronics Engineering	4 Years	60	47
3.	Mechanical Engineering	4 Years	60	53
4.	Electronics & Communication Engineering	4 Years	60	44
5.	Computer Science & Engineering	4 Years	60	50
Total			300	253

04.02 Enrollment with Gender, Caste break-up

Undergraduate Courses (B. Tech.)

Name of the Course	Total No. of Students (all years)			Out of Total No. of student shown in Col. (2)& (3)								
				SC			ST			PWD		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
I Year	225	28	253	34	7	41	21	2	20	4	0	4
II Year	90	5	95	17	1	18	6	0	6	0	1	1
III Year	64	6	70	07	3	10	6	0	6	1	0	1
IV Year	57	5	62	8	2	10	6	0	6	0	0	0
Total	436	44	480	66	13	79	36	2	38	5	1	5

a) Student on rolls B.Tech. (Class-wise & Branch-wise) during 2013-14

Branch	I Year			II Year			III Year			IV Year		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1. Civil Engineering												
Open	27	1	28	0	0	0	0	0	0	0	0	0
OBC	15	1	16	0	0	0	0	0	0	0	0	0
SC	8	1	9	0	0	0	0	0	0	0	0	0
ST	6	0	6	0	0	0	0	0	0	0	0	0
Total	56	3	59	0	0	0	0	0	0	0	0	0
2. Electrical & Electronics Engineering												
Open	23	2	25	9	1	10	11	0	11	10	1	11
OBC	8	0	8	6	0	6	7	0	7	7	0	7
SC	9	0	9	3	0	3	3	0	3	2	0	2



ST	4	0	4	2	0	2	3	0	3	2	0	2
Total	44	2	46	20	1	21	24	0	24	21	1	22
3. Mechanical Engineering												
Open	25	0	25	14	0	14	0	0	0	0	0	0
OBC	16	0	16	9	0	9	0	0	0	0	0	0
SC	7	0	7	4	0	4	0	0	0	0	0	0
ST	3	0	3	2	0	2	0	0	0	0	0	0
Total	51	0	51	29	0	29	0	0	0	0	0	0
4. Electronics & Communication Engineering												
Open	15	8	23	6	0	6	10	1	11	5	0	5
OBC	7	2	9	7	1	8	7	1	8	9	0	9
SC	4	3	7	4	1	5	4	0	4	3	2	5
ST	1	2	3	1	0	1	1	0	1	2	0	2
Total	27	15	42	18	2	20	22	2	24	19	2	21
5. Computer Science & Engineering												
Open	20	0	20	11	2	13	8	0	8	8	2	10
OBC	8	3	11	5	0	5	8	1	9	4	0	4
SC	6	3	9	6	0	6	0	3	3	3	0	3
ST	4	0	4	1	0	1	2	0	2	2	0	2
Total	38	6	44	23	2	25	18	4	22	17	2	19

04.03 The Hostels

National Institute of Technology, Uttarakhand established in 2010 has currently five hostels for boys and girls in its temporary campus at the premises of Government Polytechnic, Srinagar (Garhwal) Uttarakhand. Based on the principle of "Homes away from home", hostels available in the campus provide all basic facilities to the students with proper care and tender of the administrative and supporting staff. Institute has residential facilities for more than seven hundred students in the campus. Institute has five boys and one girls hostels, having rooms available on sharing basis (four/six seater) accommodating maximum students in comfortable and conducive manner. The detail of the hostels along with their capacity is as follows:

Sr. No.	Name of Hostel	No. of Rooms	No. of seats	Strength of the Hostel
1	Boys Hostel I	22	6 seater	132
2	Boys Hostel II	18	4 seater	72
3	Boys Hostel III	14	4 seater	56
4	Boys Hostel IV	36	6 seater	216
5	Girls Hostel	15	3 seater	45

A year-wise hostel allotment is followed for allocating the hostel rooms to the students. Each hostel has been equipped with water purifiers, water coolers, Geyser for hot water and telephone etc. All hostels are fully Wi-Fi connected with continuous power supply through DG set. Each hostel has installed sufficient CCTV cameras for necessary security check and surveillance. A centralised mess facility is provided to the students



residing in the campus. Every student is provided with a chair, a table, a cot and a locker. The hostels are close to academic area and play grounds. Thus, the students get ample opportunities to avail all the indoor and outdoor games facilities such as Carom Board, Chess, Table Tennis, Volleyball and Badminton. A gymnasium is also available for the students to keep them physically fit.

All the hostels are administered by a team of a Chief Warden, Wardens, Associate Wardens and senior students (Prefect). The Chief Warden and a team of Wardens make sincere efforts to improve the facilities and environment of the hostels. Their main role is to coordinate the working of all the hostels, maintain discipline and take decisions on all the policy matters related to the hostels.

The details of management authorities of the hostels are as follows:

Name of the Faculty	Designation	Mobile Number
Dr. A.S. Dhundi	Chief Warden & Proctor	91-9557750889
Dr. Renu B. Dangwal	Warden(Girls Hostel)	91-9557750905
Dr. Kuldeep Sharma	Warden (Boys Hostel)	91-9557750897
Mr. Ashwini Kumar Yadav	Associate Warden (Boys Hostel)	91-9557750898
Dr. Pankaj Kandwal	Associate Warden (Boys Hostel)	91-9557750899
Dr. Kuldeep Singh	AR(Hostel)	91-9557750902

Being an Institute of National importance, students come from all the parts of India and so in hostels they rejoice almost all the festivals celebrated across the country such as Durga Puja, Ganesh Utsav, Gokul Ashtami, Onam, Diwali, Lohri, Holi, Gudi Padwa, Id, Christmas ,Independence Day, Republic Day and so on. These festivals bring tremendous enthusiasm among the hostel inmates which creates a friendly bonding, a unity in team spirit, great opportunity in network building as well as socio cultural interaction and harmony among them.

04.04 Scholarships / Monetary Assistance

State-Wise Scholarships/Assistance:

Statement showing the details of various Scholarships, Stipends, Loans etc. awarded during the year 2013-14:

S.No.	Name of the scholarship/stipends	No. of Awarded	Amount Received	Date of receiving the amount	Disbursed and Adjusted as T/F Amount
State-Wise					
1.	Social Welfare Department, Pauri Garhwal	15	5,25,000/-		5,25,000/-
		31	13,53,500/-	31.02.2014	13,53,500/-
2.	Backward Class and Minority Welfare Department, M.P.	1	25,690/-	06.08.2013	25,690/-
3.	District Welfare Department, Bihar	2	63,950/-	04.02.2014	63,950/-
			37,450/-	25.10.2013	37,450/-
Other Scholarship					
4.	Indian Oil Educational Scholarship Scheme	1	36,000/-	25.11.2013	36,000/-
5.	Merit-Cum-Means	1	20,000/-	08.01.2014	20,000/-
6.	Central Sector Scholarship	4	6,33,200/-	10.05.2013	6,33,200/-

04.05 Games and Sports

- The Institute participated in Inter NIT sports meet 2014 held at Trichy from Feb. 9th to Feb. 12th, 2014. Total nine students participated in Badminton and Chess.
- Teams of football, volleyball, carom and badminton participated in National level inter colligate sports festival organized by G.B.P.U.A&T, Pantnagar from 25th to 27th Oct. 2013.
- The Institute Cricket team won three matches in local cricket tournament.
- The Institute organized Inter- Institutional Staff Cricket Tournament during 23rd Nov. to 1st Dec. 2013.
- A cricket match between teaching and non-teaching staff was organized during the year.
- River rafting is organized for staff and students in the river Alakhnanda. This is a unique activity conducted by NIT Uttarakhand. Total 215 students and 40 staff members availed the opportunity of rafting during the year.



- Institute organized Auli adventure trip in which 75 students and 30 staff members participated.
- Intramural activities especially in volleyball, badminton, table-tennis and cricket were organized for staff and students during the year.

04.06 Awards

Academic excellence award is instituted for the students securing highest CGPA during the year, in each branch. The award includes a medal and certificate of excellence.



05.00 RESEARCH AND DEVELOPMENT ACTIVITIES

05.01 Ph. D. Programmes— Existing

NIT Uttarakhand started offering Ph.D. programs in all the disciplines since Spring 2014. Currently 7 students are pursuing their doctoral degree at NIT Uttarakhand. The names of the research scholars and their respective departments and guides are as follows:

Dept. of Mechanical Engineering:

- ✓ Mr. Nitesh Kumar Rajput
Supervisor: Dr. A.S. Dhundi, Associate Professor.
- ✓ Mr. Manoj Kumar Gupta
Supervisor: Dr. Pawan Kumar Rakesh, Assistant Professor and HoD.

Dept. of Electrical Engineering:

- ✓ Mr. Pradeep Sagar
Supervisor: Prof. V.K. Sharma, Professor.

Dept. of Sciences and Humanities:

Discipline: Physics

- ✓ Ms. Shivani Agarwal
Supervisor: Dr. Manvendra S. Khatri, Assistant Professor & HoD.
- ✓ Ms. Deepshikha Painuly
Supervisor: Dr. Indrajit M. Nagpure, Assistant Professor.

Discipline: Mathematics

- ✓ Mr. Sandeep Bisht
Supervisor: Dr. Kuldeep Sharma, Assistant Professor.

Discipline: English

- ✓ Mr. Joe Philip
Supervisor: Dr. Renu B. Dangwal, Assistant Professor.



05.02 Ongoing Research Projects

The faculty members of the Institute have submitted their research projects to DST, BARC and NIT for funding the details are as under:

Sl. No.	Name of the Faculty	Department, Area	Topic
1.	Dr. Deepak Kumar Behera	Sciences & Humanities Economics	Economic growth and female participation in Uttarakhand : A study of two districts of Garhwal & Kumaun Division
2.	Dr. Kuldeep Sharma	Sciences & Humanities Mathematics	Numerical Simulation of Nonlinear Fracture Models in 2-D piezoelectric/Magneto-electroelastic Media using X-FEM
3.	Dr. Nitin Sharma	Sciences & Humanities Mathematics	Mathematical and Computational Modelling of Infectious Diseases
4.	Dr. Saroj Ranjan De	Sciences & Humanities Chemistry	Switchable Regiocontrol in the synthesis of fused polyaryl compounds via nucleophilic addition to silylbenzynes
5.	Dr. Pankaj Kandwal	Sciences & Humanities Chemistry	Removal of hazardous contaminants from the industrial waste streams by Hollow Fiber Supported liquid membranes (HFSLM) technique
6.	Dr. Dheerendra B. Singh	Sciences & Humanities Mathematics	Numerical and Analytical Studies of Quasilinear Hyperbolic System of Partial Differential Equations with Applications
7.	Dr. M. S. Khatri	Sciences & Humanities Physics	Fabrication and characterization of Co-rich CoPtP/Pt multisegment ferromagnetic nanowires
8.	Dr. Indrajit Manohar Nagpure	Sciences & Humanities Physics	Preparation of new Phosphors (light emitting materials) for OSL (Optically stimulated Luminescence) dosimetry applications
9.	Dr. Anirban Mukherjee & Dr. Vineeta Negi	Sciences & Humanities Sociology	Empower 100 women with rural technology in hilly region of Distt-Pauri Garhwal
10.	Dr. Ajay K Chaubey	Sciences & Humanities English	Communication Strategies: A Note on select Higher Educational Institutions and Corporate Organizations with Reference to Govt. and Non-Govt. Organizations in Uttarakhand
11.	Dr. Renu Bhadola Dangwal	Sciences & Humanities English	Developing new approach to improve English Communication of the students of Engineering Colleges in Uttarakhand

12.	Dr. V. K. Sharma	Electrical Engineering Computer Based Machine Design	Detection of Eccentricity and other Electrical-Mechanical faults in three phase Squirrel cage induction motor using FEM and analysis of design optimization
13.	Mr. Nitin Kumar	Computer Science and Engineering	NITUK- Pie Face Recognition Database
14	Mr. Ashwini Kumar Yadav	Mechanical Engineering	Fragmentation of Molten Jet in coolant and Influence of obstruction on Jet Break-Up
15.	Dr. Pawan Kumar Rakesh	Mechanical Engineering	Machining Characteristics of Natural fiber Reinforced Plastic Laminates
16.	Dr Indrajit M Nagpure	Physics	Synthesis and development of polymer compounds for Organic Light Emitting Diode applications.

05.03 Sponsored Research and Industrial Consultancy (SRIC)

The Institute being at its nascent stage making efforts to reach the Industries in the region for consultancy projects. Guidelines, rules and regulations for sponsored research and industrial consultancy are under preparation.

06.00 ADMINISTRATIVE AND STATUTORY BODIES

AND OTHER COMMITTEES

06.01 Board of Governors:

Shri Bhaskar Bhat Managing Director Titan Industries, Bangalore	Chairman
Prof. H. T. Thorat Director, NIT Uttarakhand	Member
Ms. Amita Sharma (IAS) Addl. Secretary to Gol, Dept. of Higher Education, MHRD	Member
Shri Yogendra Tripathi Financial Advisor, Dept. of Higher Education (IFD), MHRD	Member
Prof. Pradipta Banerji Director, IIT Rorkee	Member
Prof. S. C. Lakkad Retd. Deputy Director, IIT Bombay	Member
Prof. Geetha Nambissan Professor of Sociology, JNU, New Delhi	Member
Prof. V. K. Sharma Professor, Teacher Representative, NIT Uttarakhand	Member
Dr. A. S. Dhundi Asso. Professor, Teacher Representative, NIT Uttarakhand	Member



06.02 Finance Committee:

Shri Bhaskar Bhat Managing Director Titan Industries, Bangalore	Chairman
Prof. H. T. Thorat Director, NIT Uttarakhand	Member
Prof. Pradipta Banerji Director, IIT Rorkee	Member
Prof. S. C. Lakkad Retd. Deputy Director, IIT Bombay	Member
Shri Navin Soi Director, Finance, MHRD, New Delhi	Member
Shri R. Srinivasan Director (TE), MHRD, New Delhi	Member



06.03 Building and Works Committee:

Prof. H. T. Thorat Director, NIT Uttarakhand	Chairman
Shri Navin Soi Director, Finance, MHRD, New Delhi	Member
Shri R. Srinivasan Director (TE), MHRD, New Delhi	Member
Dr. Vinay Pant Vice Chairman (Electrical), IIT Roorkee	Member
Shri Salek Chand Supdt. Engineer, IIT Roorkee	Member
Prof. M. N. Viladkar HoD Civil Engineering, IIT Roorkee	Member
Prof. V. K. Sharma Dean (P&D), NIT Uttarakhand	Member



06.04 Senate

Prof. H. T. Thorat Director, NIT Uttarakhand	Chairman
Prof. T. C. Kandpal Professor, Center of Energy Studies, IIT Delhi	Member
Prof. Rashmi Gaur Professor HoD Humanities, IIT Roorkee	Member
Prof. R. B. Deshmukh Professor, Dept. of Electronics Engg, VNIT Nagpur	Member
Prof. V. K. Sharma Dean (P&D), NIT Uttarakhand	Member
Dr. A. S. Dhundi Asso. Professor, NIT Uttarakhand	Member



07.00 CONCESSIONS FOR SCs, STs AND PWD STUDENTS

07.01 Concession to Students

Students belonging to SC, ST, OBC and PWD categories are provided concession in payment of fees and receive scholarships as per the Government of India rules. Book bank for SC, ST student is operated in the Institute Library.

07.02 Concession to Staff

The reservation policy of Government of India is adapted for the staff of NIT Uttarakhand. Accordingly, concessions and benefits are made applicable to reserved categories viz SCs, STs and OBCs.

08.00 FINANCIAL STATUS

08.01 Analysis of Plan and Non-Plan Grants

The Institute receives plan and non-plan Grants from the Government of India through Department of Higher Education, Ministry of HRD. The accounts are audited by CAG annually.

08.02 Sources of Fund

Statement of Income and Expenditure for the last three years is appended below:

Years	2011-12	2012-13	2013-14
Opening Balance	3,10,19,497	38,15,399	4,98,28,518
Total Grant Received	0	13,60,00,000	37,00,00,000
Expenditure	2,72,04,098	9,07,75,060	34,83,74,075
Unspent	38,15,399	4,90,40,339	7,14,54,443

09.00 CENTRAL FACILITIES AND SERVICES

09.01 Computer Centre

The Institute has Computer Centre as a centralized facility for the Institute. It has worldwide connectivity through Internet. Computer Centre aims at providing required and updated information about the emerging trends and technologies. It consists of 25 High Configuration System of the following description:

S.No	Specification	Details
1.	Processor	3 rd generation Intel i5 3.10 GHz Processor
2.	RAM	4GB DDR3
3.	Hard Disk	1 TB
4.	Graphics Card	AMD Radeon HD 6450
5.	Connectivity	Both Ethernet & Wi-Fi
6.	Display	23" LED Display
7.	Operating System	Windows 8 & Ubuntu 12.10 dual boot System

The computer centre is available to all the staff and students from 08:00 am to 08:30 pm on all weekdays. The time is also extended during examination days. The staff from Computer Science and Engineering Department is available for guiding the students, round the clock.

09.02 Workshop

The workshop in Mechanical Engineering department is also used as a central facility. The workshop comprises of the Fitting shop, Carpentry shop, Welding shop, Sheet Metal Shop, Machine shop and Foundry equipped with the facilities necessary for

performing the any job including practical for students. The machine shop has conventional machine tools such as lathes, drilling machines, surface grinder machine, shaper machine, etc., and jobs of metal cutting such as turning, facing, drilling, threading etc. are given to the students for practice. The foundry shop has the facilities for molding and casting. Welding shop has arc welding, spot welding, and gas welding facilities.

09.03 Library

The library has a total collection of approx. 28,000 volumes (with 4800 titles). The Net cost of the books is Rs. 63.36 Lacs inclusive of 12,022 books during the year under the report. The details of the books collection are as under:

Textbooks	:	19,532
Book Bank for SC/ST	:	13,041
Journals (National/International)	:	3,893
e-books	:	26,457

Expenditure during the Year:

SI. No.	Description	Amount in Lakhs
1	Printed Books (excluding book bank)	10.73
2	Book bank	45.31
3	e-books and Journals	247.29

General:

- The library has two stack rooms.
- The text books and reference books are arranged on the shelves subject-wise according to the Universal Decimal Classification Scheme.
- The library follows Open Access System.
- The reference books include Encyclopedias, Dictionaries, Directories, Handbooks, Bibliographies, and Atlases etc. These are to be referred within the library premises, but are not for lending.
- The text books of the prescribed syllabus and other recommended books are kept in the Text Book collection along with reference collection for easy access to the users.

- The library has subscribed 56 magazines (33 in English and 23 in Hindi).
- The library also subscribes 10 (5 Hindi and 5 English) daily newspapers and one each in English and Hindi weekly papers.
- Library conducts orientation programme at the beginning of the session for every newly admitted students to familiarize them with the facilities and services available for optimum and effective usage of the library.

The Library provides „Email Alert Service“ for the Circulation (Issue/Return) and various other activities of the library. The Dot matrix printer is installed in the library for printing the Circulation slips to keep the issue/return record of the users. The total number of books transacted (Check-out) to the users for home reading during the year is 8023 Nos.

INTER LIBRARY LOANS:

There is Inter Library Loan facility for the users in the library. The publications, which are not available in the library, can be procured from other libraries and made available to the users on their demands.

EXTENSION SERVICES:

The library offers extension services to the users for the maximum utilization of the library resources and services.

INFORMATION TECHNOLOGY:

The library is connected to the campus LAN and Wi-Fi facility. The library server works under Windows 7 environment. The Library uses LIBSYS 4 software package which is an integrated multi-user library management system that supports all in-house activities of the library. The database of the entire library acquisitions is being updated on regular basis along with details of recently acquired books. Records of all the Library patrons have also been created in the Libsys package. The barcoding of all library resources is in progress. The OPAC (Online Public Access Catalogue) facility has been created for the users to search the bibliographic data of all the library holdings.



DIGITAL LIBRARY:

The library has a campus LAN connectivity with fibre optic cable (10/100 mbps) through the Computer Department and is connected to Web Server (Duel Xeon)- providing network facility. There are around 26,457 titles of E-books procured by the library from various renowned publishers like Elsevier, Tata McGraw Hill, Wiley, Pearson, ASME Press, IEEE-MIT Press, IEEE-Wiley, Springer and ICE publishing on perpetual basis (i.e. lifetime) which can be accessed 24x7 by the users of the Institute.

The library is subscribing the online journals from various publishers on the basis of Annual Subscription model (Jan. to Dec.) of INDEST-AICTE Consortium set up by MHRD in 2003. The following databases are subscribed by the Institute for the access of online-journals:

- ASME <http://asmedigitalcollection.asme.org>
- IEL Online (IEEE + IET) <http://ieeexplore.ieee.org>
- Elsevier's Science Direct www.sciencedirect.com

AUDIO-VISUAL:

A good collection of Educational videos (i.e. NPTEL video courses) are available for the users on varied subjects and made accessible via FTP server of the Institute.

LIBRARY ADVISORY COMMITTEE:

There is library advisory committee which consists of Chairman and faculty members from each department including Librarian as convener. The library committee meets from time to time to lay down the policies and to review the working conditions for smooth functioning of the library.

ORIENTATION PROGRAMME TO FRESHERS:

The library orientation programme is conducted every year at the beginning of the session for the newly admitted students to familiarize them with the facilities and services available in the library for the maximum and effective usage of the library.



Working Hours:

The library remains open on all days of the year except on holidays of National and Religious importance (i.e. Republic Day, Holi, Independence Day, Diwali and Dusshera). The timings of the library are 08:00 am to 08:00 pm from (i.e. Monday-Sunday). However, Circulation Counter functions from 8.00 am to 8.00 pm from Monday to Saturday and 9.00 am to 6.00 pm on Sundays with a break of half an hour from 01:30 pm to 02:00 pm on week days.

Membership:

Membership of the Institute's Library is open to the Students, Faculty, Research Scholars, Officers and Supporting Staff of the Institute.

09.04 Laboratories***Department of Electrical and Electronics Engineering***

Elementary Electrical Engineering Lab	Electrical Workshop
Network Lab	Control System Lab
Measurement Lab	Electrical Machines Lab
Switchgear and Protection Lab	Electrical Drives Lab

Major Equipments:

- IDMT over current relay trainer
- Percentage biased differential relay with transformer protection trainer
- Under/over voltage relay trainer
- Bucholtz Relay trainer
- Transformer oil tester
- Transmission line fault analyzer
- Generator protection system trainer
- Distance relay trainer with directional unit
- Cable fault trainer
- Stability Analysis of Linear System
- Relay Control System
- RTD Demonstration Set up(ml)
- Thermocouple Demonstration Set up (using K type transducer)ml



- Torque measurement trainer kit-ML
- Strain Gauge trainer kit-ML
- Load cell trainer kit-ML
- Speed measurement trainer kit-ML
- BLDC Motor Control Drives-CS
- Stepper motor control-DL
- Inverted Pendulum-CS
- NI Instruments(NI PXI2503,NI PXI4330,NI PXI4071,NI PXIE8102, NI APS410, NI PS10, NI 9234, NI990, CDAQ9178)-DL
- MATLAB

Department of Electronics and Communication Engineering

LabView Lab	Analog Electronics Lab
Digital Electronics Lab	Linear Integrated Circuit Lab
Microprocessor Lab	Digital System Design Lab
Digital Signal Processing Lab	Analog Communication Lab
Digital Communication Lab	Electronics Circuit Simulation Lab
Electronics Workshop	Microwave Lab

Major Equipments:

- 1) NI Academic Site license Labview Software-campus teaching License.(Unlimited Users)
- 2) Signal and System solution
 - a) Elvis-II Signal & System.
 - b) Emona Sigex Signal and System Experimenter NI Elvis.
 - c) NIPXI -5441 100MS/S with AWG with onboard signal processing 256MB.
- 3) RF System Solution
 - a) NI PXIe-5632 8.5 GHz Vector Network Analyzer
 - b) NI PXIe-8820 2.2GHz Celeron 1020E.
 - c) NI PXIe-5632 8.5GHz , 2-port, W/Time Domain Analysis.
 - d) NIPXIe-1085 ,18 slot 3U PXI Express Chassis.
 - e) RF Signal Analyzer – (Upto 20 GHz), (20GHz USB Signal Generator AM/FM)
 - f) RF Signal Analyzer (Upto 26.5 GHz)
 - g) Phase Matrix (26.5 GHz Vector Signal Analyzer)
- 4) Wireless Communication Solution
 - a) NI USRP-2932 400 MHz to 4.4 GHz, GPS Clock Software Radio Kit,Toolkit



- b) 144MHz,400 MHz and 1200 MHz Tri Band (7 inch) Vertical Antenna
- c) Dual Band 2.4-2.48 GHz & 4.9-5.9 GHz Vertical Antenna
- d) USRP MIMO Sync and Data Cable, 0.5M
- 5) RF/Wireless Measurement lab
 - a) NIPXI Chasis Controller & RF Modules (RF VSA, RF VSG)
 - b) NI WLAB Measurement suit for Labview.
 - c) NI Measurement suite for fixed WiMax.
 - d) Set of Antennas, Coaxial Cable and Mounting Accessories.
- 6) DSP applicaltion
 - a) NI Speedy 33 DSP target chip.
 - b) TMS320C6713 DSKs.
- 7) Image Processing Solution (Embedded Vision System Solution)
 - a) NI EVS 1464 (Windows) Vision system with Windows7,GigE Vision, IEEE1394b
- 8) Real Time Data Acquisition
 - a) NI my DAQ (Data Acquisition Cards).

Some of the distinguished equipment"s available in the laboratories in the Department of ECE are as follows:

- Terasic Altera DEII Development Platform
- 1 GHz Spectrum Analyzer with Trace Generator
- 200 MHz Four Channel Digital Storage Oscilloscope with Colour Display
- 100 MHz Cathode Ray Oscilloscope
- 30 MHz Cathode Ray Oscilloscope
- 10 MHz Function Generator with 40 MHz Frequency Counter
- 10 MHz General Purpose Function Generator
- 5 MHz General Purpose Function Generator
- 3 ¼ Digit Type Digital Multi meter
- 4/8 – bit Analog to Digital Convertor
- 4/8 – bit Digital to Analog Convertor
- Digital System Design Kit
- 4 Bit Counter
- 4 Bit Shift Register



- Digital Circuit Trainer Kit
- XPO 8086 Kit with accessories
- XPO 8085/8088 Kit with accessories
- XPO 8051/8031 Kit with accessories
- 8253,8259,8279,8251,8255 Peripheral Devices
- 32 bit DSP Design Platform with Peripherals
- MATLAB and Simulink-R2013a
- DC milli ammeter(0-100 mA)
- Moving Coil DC milli ammeter(0-1 mA)

Department of Mechanical and Civil Engineering

Fluid Mechanics Lab

Applied Thermodynamics Lab

Machine Shop

Solid Mechanics Lab

Welding and Forming Lab

Mechanical Workshop

Fluid Machine Lab

Heat Transfer Lab

Theory of Machine Lab

CAD Laboratory Casting

Engineering Mechanics Lab

Major Equipment:

- Bernoulli's apparatus
- Losses in Pipe
- Flow measurement in venturimeter, orifice meter, nozzle and rotameter
- Orifice and mouth pieces
- Impact of jet
- Vortice flow measurement
- Coriolis force measurement
- Metacentric height setup
- V- notch measurement
- Reynolds experimental setup
- Pelton wheel setup
- Francis turbine setup
- Kaplan turbine setup
- Centrifugal pump setup
- Reciprocating pump setup
- Gear oil pump setup
- Four stroke diesel engine test rig
- Two stroke petrol engine test rig
- Four stroke diesel engine regenerative unit
- Two stage compressor rig
- Single stage compressor rig



- Four stroke engine valve timing setup
- Stefan boltzman setup
- Pin fin apparatus
- Forced circulation through pipe
- Conduction through metal rod
- Lagged pipe setup
- Boiling curve study setup
- Cooling tower setup
- Tubular heat exchanger setup
- Refrigeration test rig
- Air conditioner test rig
- Air duct test rig
- Lathe Machine
- Milling Machine
- Wood Turning machine
- Shaper Machine
- Surface Grinder
- Drilling Machine
- Universal Testing Machine
- Impact Testing Machine
- Brienell Harness Testing Machine
- Compound Pendulum setup
- Tri-pillar setup
- Static and Dynamic Balancing set up
- Governor setup
- Gyroscope setup
- ARC Welding Machine
- Spot Welding Machine
- Gas Welding Machine
- Hydraulic Punching Machine
- Fly Press

Department of Computer Science and Engineering

MATLAB	Oracle 11g Lab
C & C++ Lab	Java Lab
Data Structure Lab	Linux Lab

09.05 Hospital

The Institute has a dispensary with a visiting doctor from Government hospital. The visiting hours of Doctor are 6:30 pm to 7:30 pm. Due care is being taken regarding the health of the students residing in the hostel. Institute vehicle is available for 24hrs to them without any charges for medical check-up/treatment. In case of emergency (during late night hours), the students can use this facility to visit district hospital.



09.06 Physical Facilities

The temporary campus of the Institute has a branch of State Bank of India with ATM. The campus also has auditorium.

09.07 Games and Sports facilities

The temporary campus has a volleyball and badminton court and also indoor games facilities such as table-tennis carom, chess. The Institute engages qualified coaches and trainers for training students in various outdoor and indoor games like Cricket, Football, Basketball, Volleyball, Table tennis, Chess, etc. The Institute also has rafts and engages experts for rafting activities in the river Alakhnanda for students and staff. This can be termed as unique feature of the Institute. In addition to this students go to Auli for skiing.

09.08 Other facilities like Hostels, Messes, Staff Quarters and Administration

The Institute has four hostel blocks for boys with a capacity of 476 and one separate block of capacity of 90 for the girls. Three hostel blocks are six seater while remaining two are of four seater. One independent mess cater the needs of food to all the hostel inmates. The Institute also hired one faculty house, approx. 1 km from the Institute, for its employees. The staff hostel has 30 rooms and has good occupancy. Situated in the laps of Shivalik range, the staff hostel provides all required facilities such as water purifiers, water coolers, Geysers and security arrangements.



10.00 NOTABLE ACHIEVEMENTS

a) **Presentation of papers and publication**

The academic year 2013-14 was a particularly fruitful year for the faculty members at NIT UK. Some of the prominent achievements are highlighted below:

1. Mr. Mandeep Singh, Assistant Professor of Electronics, had his papers accepted in journals of international repute. The details of his achievements are as follows:

a. "Microwave generation analysis with higher order dispersion parameter in two cascaded Mach zehnder modulator", optic –International Journal for light and Electron optics-Elsevier [SCI-Indexed] (Accepted – Article in press) dx.doi.org/10.1016/ijleo.2013.07.038

b. "Analysis of the crosstalk in optical amplifier", ICACT Journal on Communication Technology [IET- Inspec Indexing] (Accepted for June Publication– Article in press).

c. "Performance of the Tapered and MMI assisted splitter on the basis of geographical parameters" accepted at the ELSEVIER JOURNAL Optic- International Journal for Light and Electron Optics. (SCI-INDEX) (Article in Press) DOI: 10.1016/j.ijleo.2013.11.019

d. Selected as a reviewer for the journal, International Journal of Electronics (ISI: Science Citation Index Journal), Taylor and Francis Publisher.

2. Dr. Anirban Mukherjee, Assistant Professor of Sciences and Humanities, delivered a lecture on "Understanding Culture" in the Department of Humanities and Social Sciences, VNIT Nagpur on September 13th, 2013. The lecture received accolades from students and faculty members who attended the talk.

3. Dr. Deepak Kumar Behera, Assistant Professor of Sciences and Humanities, had his papers accepted at eminent journals:

a. Deepak K Behera & R.V Ramana Murthy, 2013, "Sectoral Occupational Transformation In India: New Directions And Old Concerns." Indian Journal of Labour Economics, 56: 3.

b. "Regional Imbalances And Role of Planning in India.", Journal of Regional Development and Planning, 2:2.

c. "Growth and Determinants of Employment in Indian Agriculture", Journal of Land and Rural Studies, Sage Publication, 2014, 2(1):43-55.

4. Dr. Ajay K. Chaubey's, Assistant Professor of Sciences and Humanities, per-eminent work, "VS Naipaul: An anthology of 21st Century Criticism" is being published by Atlantic publications and Distributors, New Delhi.



5. Dr.Indrajit Nagpure, Assistant Professor of Sciences and Humanities, had made the following recognized contribution:

(a) P.P. Mokoena, I.M. Nagpure, Vinay Kumar, R.E. Kroon, E.J. Olivier, J.H. Neethling, H.C. Swart and O.M. Ntwaeaborwa, "Enhanced UVB emission and Analysis of Chemical States of $\text{Ca}_5(\text{PO}_4)_3\text{OH}:\text{Gd}^{3+}, \text{Pr}^{3+}$ Phosphor Prepared by Co-precipitation.", Journal of Physics and Chemistry of Solids, (Elsevier) Accepted 2014.

b) Site allotment for permanent campus

The State Government of Uttarakhand allotted 125 hectares of land for permanent campus of NIT Uttarakhand at village Sumari in Pauri district. The stone laying ceremony was held in February 2014 in the gracious presence of Hon^{orable} Chief Minister, MLAs and State and District authorities of Uttarakhand.



11.00 ACTIVITIES OF TECHNICAL ASSOCIATIONS AND

STUDENT HOBBY CLUB

NIT Uttarakhand offers ample opportunities to the students to engage in curricular activities. The Institute publishes its monthly newsletter “Technosavvy” and nurtures writing skills and creativity of students through its wall magazine “Think Tank.” The Institute has employed qualified coaches and trainers for training students in various outdoor and indoor games like Cricket, Football, Basketball, Volleyball, Table tennis, Chess, etc. In the academic year 2013-2014, the students of the Institute attended various games and sports events.

Music Club

The Music Club of NIT Uttarakhand is formulated with the aim of showcasing and identifying the musical talents of students. The music club is equipped with all the musical instruments and provides a grooming platform for the music enthusiasts under the tutelage of trained and reputed musicians. The club regularly arranges for inter and intra collegiate events.

Literactivity Club

Students of NIT Uttarakhand jointly made efforts to establish the literary club – LITERACTIVITY. The inaugural ceremony was organized in the Institute auditorium on the occasion of Vishwa Hindi Diwas, 10th January 2014. The club envisages to provide a platform to the hidden talents of students and to encourage and appreciate their ideas through various inter and intra- NIT competitions. The club also welcomes and accepts entries in miscellaneous activities like free hand drawing, art and craft, netiquette etc.

AUDIT REPORT
WITH ANNUAL ACCOUNT
2013- 14