



INSTITUTE OF TECHNOLOGY GOPESHWAR

(A Constituent Institute of Uttarakhand Technical University Dehradun)

Government of Uttarakhand

Approved by AICTE, MHRD, New Delhi



**ANNUAL REPORT
2018-19**

*“Education finds it’s Way Better,
when it’s Identity Embossed over Society”*

Preface

This report highlights the contribution of an Institute who pledge to deliver the best to their stake holders and the society, beyond its affinity through non-dissolving vision and non-staggering mission. Where, the challenges are greeted and solutions are stated in more dynamic and inclusive manner.

This annual report entails numerous sections, which comprises Department profiles, workshops organized by the institute, initiatives under Vision India, Industry interaction initiatives along with the placements observed, activities under TEQIP-III, Twinning activities with mentor institute, NPTEL courses along with ACTIVE member classification, Center for Innovation and Startup activities, Intellectual property rights, GATE classes and results, Research related acquisitions along with publication observed in academic year 2018-19.

As the enthusiasm is the only key towards synthesizing, hence, the self-correction after observations leads an institution towards success, where results is not only the reflection of success.

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Section 1

“Introduction to the Institute”

Vision:

“To be at par excellence in Technical Education and to provide valuable resources to the society.”

Mission:

“To create a center for Technical Education of International Standards and to serve the people of Uttarakhand and the world through pre-eminence in imparting quality knowledge, academic values and developing professionals of excellent intellectual capabilities.”

Annual Report

Annual report highlights the work that Institute of Technology has done during 2017-18. This report includes the contribution made by different departments and their main achievements. This comprehensive document is a collection of work done by various departments and centers of the Institute. It helps to identify and encourage the people and factors who have done remarkable work, and tries to determine the areas where scope for further improvement exists.

1.1An Overview of Institute

Institute of Technology, Gopeshwar was founded by Govt. of Uttarakhand, Department of Technical Education under Act. 2005. This institute is among the four constituent institutions of Uttarakhand Technical University (UTU), Dehradun. These institution caters the objective of Government of Uttarakhand to promote and aware of technical education among the socially, economically unaware or weaker sections of the society. Established in 2013, Institute of Technology, Gopeshwar is rapidly moving towards being one of the most respectable technical institutes in the state. IT Gopeshwar runs in self finance mode where supported under TEQIP III since 2017. IT Gopeshwar takes pride in being the only Engineering institute, that rise exponentially since inception in Chamoli district. It is situated in the calm and peaceful locale of Garhwal.



Fig.1 Scenic View of Institute of Technology Gopeshwar

IT Gopeshwar has almost 600 students of which there are locals as well as students from other states which make it a highly sought out institute. Our college conducts annual placement drive and we are proud to say that many of our students got placed in high positions and good organizations. IT Gopeshwar began its journey with five branches viz. Civil Engineering, Computer Science & Engineering, Electrical Engineering, Electronics & Communication Engineering and Mechanical Engineering with an intake of 60 in each branch.

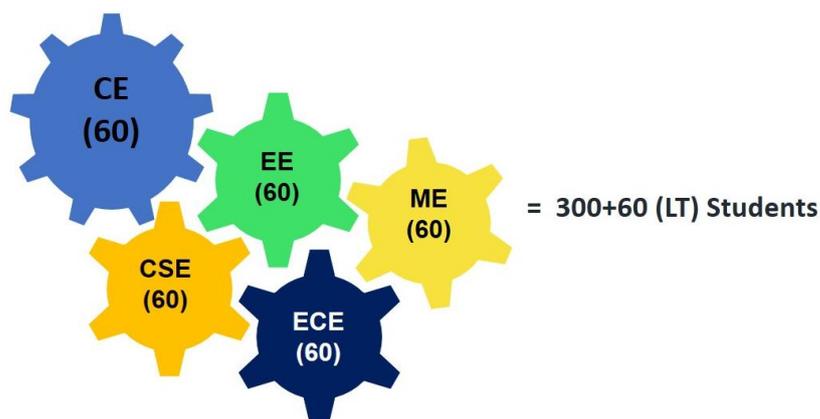


Fig. 2 Total intake of students

a) Student Strength in Respective Branches

S.No.	Branch Name	Actual Intake
1.	Computer Science and Engineering	108
2.	Mechanical Engineering	114
3.	Electrical Engineering	118
4.	Electronics and Communication Engineering	75
5.	Civil Engineering	212

Total number of students - 537/1200

All the branches obtained the approval of the All India Council for Technical Education (AICTE), under Ministry of HRD, New Delhi in the year 2015-16 and successfully renewed in all subsequent years. All the departments have well qualified faculty members and excellent infrastructure facilities.

Branch	4 th Year	3 rd Year	2 nd Year	1 st Year	Total
CSE	18	41	26	23	108
ECE	5	11	6	2	114
ME	41	50	18	9	118
EE	19	32	13	11	75
CE	67	69	57	19	212

b) Exam Result Analysis

Institute of technology, Gopeshwar is a constituent college of Uttarakhand technical university, Dehradun (UTU). Examinations are conducted in the end of each semester by UTU. While examination takes place in the institute and evaluation is done at university level by subject experts. In each semester both practical as well as written exam are conducted. Internal examination of each subject is also done at institute level.

Year wise status of examination performance of students in all branches are mentioned in the tables furnished below.

7th Semester

Branch	Total Student appeared for examination	Total Student With backlog
CSE	18	2
ECE	5	1
ME	41	12
EE	19	4
CE	67	32

5th Semester

Branch	Total Student appeared for examination	Total Student With backlog
ECE	11	6
ME	50	14
EE	32	11
CE	69	17

3rd Semester

Branch	Total Student appeared for examination	Total Student With backlog
ECE	6	4
ME	18	7
EE	13	4
CE	57	23

1st Semester

Branch	Total Student appeared for examination	Total Student With backlog
ECE	2	2
ME	9	6
EE	11	2
CE	19	7

1.2 Institute Details

Name: Institute of Technology, Gopeshwar

Category: Undergraduate in Engineering & Technology,

AICTE Permanent ID: 1-2471433431

Current Application ID: 1-3511693700

Address: Institute of Technology, Gopeshwar

Kothiyalsain, Chamoli

Uttarakhand-246424, Ph. No. 01372-262244, itgopeshwar@gmail.com,

Website: www.itgopeshwar.ac.in

Affiliating University: Uttarakhand Technical University, Dehradun



Fig. 3 Institute Google map address
Google Address: <https://goo.gl/maps/MSqDYPYzysdLz7MA8>

1.3 Scope of the Institute

Uttarakhand is a state rich in natural resources and the people of the state maintain complete harmony with nature. Natural resources are used in benefit of mankind and are utilized so as to maintain complete ecological balance and ensure maximum industrial development. IT Gopeshwar is working towards providing technically qualified manpower and providing graduates so that the demand and supply of resources is not fractured.

In addition to the core sectors, industrial growth in IT sector is also in full swing in the State. As a result, requirement of graduate engineers in these sectors will be more than the current annual output i.e. passing out engineering graduates. IT Gopeshwar caters to this demand by providing efficient graduates.

1.4 Objectives

The focus of the institute is to impart high class technical education and to create skilled engineers for providing services to community and make them aware of critical or climacteric problems which may be social, economic or technical in nature and also provide technical solutions in rural, urban and agriculture as well as tourism sector. The target of Institute is to structure academic programs towards State/National development, produce technical human resource and interact with the Industries for development of the society.

1.5 Education System & Registration

The B. Tech program in our institution follows semester pattern and Credit based teaching system. Academic year is divided into Even and Odd Semesters. For students, at least 75% attendance in lectures, tutorial and practical is mandatory for each semester. Attendance is strictly monitored and grades are awarded on the basis of which it is decided whether a student should be allowed to sit for semester exam. Each semester, students register themselves and this is at departmental level under the supervision of the Head of the Department.

1.6 Our Philosophy

a) Students Growth

Institution's aim is to provide students with training to make them capable to think beyond academics and gives lot of emphasis on helping students identify and develop their potential.

b) Best learning practice

Educational research has concluded that the learning styles of many engineering students don't match with the teaching styles of most engineering professors. It is our belief that the solution to this problem is to improve education by making it more appealing, motivating and rewarding for students.

c) Focus on targets

IT Gopeshwar will graduate academically superior students prepared for professional success." These on-going efforts to document and improve student

achievement are linked to the academic programs. IT Gopeshwar students have the option to target their studies toward a specific field of interest.

1.7 Output Indicators

- a) Participation of students in events organized by premier institutes and university across country.
- b) Addition of modernized apparatus and laboratories.
- c) Increase in participation in short term courses, seminars, workshops and Faculty Development program.
- d) Establishment of Center for Innovation and Startups along with Industrial innovation council by MIC, AICTE.
- e) Successful participation in ATAL Innovation Ranking 2019.
- f) Establishment of Intellectual Property cell.
- g) Selection of three teams in Smart India Hackathon 2019.
- h) Increase in successful completion of NPTEL courses and became ACTIVE Local chapter consecutively in row.
- i) MoU with industries and internships with various renowned industries.
- j) Induction workshop for First year students organized every year.
- k) Administrative reforms.

1.8 Administration

Director of the Institute:

Prof. (Dr.) Krishan Kant Singh Mer
(Ph.D. Mechanical Engineering, IIT, Roorkee)

Dr. KKS Mer, holding the chair as Director of the Institute since February 2013, and in his dynamic guidance and inspiring gesture the institute grows from an inauguration stone to the mile stone in a petite period of time.

The institute is governed by the governing body constituted by Uttarakhand Government and the board members are as follows,

- a) Prof. B.S.Bisht, Ex. Vice Chancellor, GBPUA&T, Pantnagar, Presently Director BIAS Bhimtal, Uttarakhand (**Chairman**)
- b) Additional Chief Secretary, Technical Education, Government of Uttarakhand. (**Vice-Chairman**)

- c) Prof. K.B. Naik, Ex. Director, KNIT, Sultanpur, Lucknow, UP (**Member**)
- d) Mr. Sameer Dhingra, COMET Bulbs, Dehradun (**Member**)
- e) Director Technical, THDC India Ltd., Rishikesh/ Head Tehri Project (**Member**)
- f) Prof. S.K. Rathore, Professor, Rajasthan Technical University, Kota (**Member**)
- g) Mr. Pankaj Gupta, President, Industry Association of Uttarakhand, Dehradun (**Member**)
- h) Nominee by Vice-Chancellor, Uttarakhand Technical University. (**Member**)
- i) Director Technical Education (Ex. Officio)(**Member**)
- j) Prof. (Dr.) K.K.S. Mer, Director, IT Gopeshwar, Uttarakhand (**Member Secretary**).

Faculty Representation in Administration,

S.no.	Name of the Faculty	Designation and Department	Duty/Responsibility
1.	Mr. Pramod. Benjwal	Assistant Professor, ECE	Dean Administration, Dean Academics OIC College Time Table Nodal Officer- Finance (TEQIP)
2.	Mr. Vishwanath Bijalwan	Assistant Professor, ECE	TEQIP Coordinator Nodal Officer, AISHE
3.	Mr. Gaurav Upadhyay	Assistant Professor, ECE	Head, ECE Gate Coordinator
4.	Mr. Abhishek Chauhan	Assistant Professor, EE	Head EE OIC Library Nodal Officer, Centre for Innovation, Design and Start-ups Nodal, Intellectual Property rights Nodal Officer, AICTE related all works Nodal Officer, NPTEL
5.	Mr Abhishek Aggarwal	Assistant Professor, EE	Deputy Coordinator, TEQIP OIC Internship Nodal Officer, Twinning Activities
6.	Mr Ombeer Saini	Assistant Professor, EE	Nodal Officer Procurement TEQIP OIC Electrical Maintenance Nodal Officer, PMKVY
7.	Mr Suraj Singh Chand	Assistant Professor, Applied Science and Humanities	Proctor OIC Sports
8.	Mr Vinay Kumar Pandey	Assistant Professor, Applied Science and Humanities	Deputy Oic T & P
9.	Mr Sandeep Kandwal	Assistant Professor, ME	Nodal Officer, Academic TEQIP OIC Purchase (College), Oic Classroom OIC Civil and Mechanical Maintenance

			OIC Water Supply, Fire, Land Related Matters
10.	Mr Arun Negi	Assistant Professor, ME	Deputy OIC to all the charges under Mr. Kandwal
11.	Mr Hemant Chauhan	Assistant Professor, ME	Head ME Assistant Public Information Officer
12.	Mr Avinash P	Assistant Professor, CE	Head, CE Coordinator, Environment Management Framework
13.	Mr Pawan Kumar	Assistant Professor, CSE	Equity Coordinator Head, CSE
14.	Mr Amit Panwar	Assistant Professor, CSE	OiC College Internet OiC Industrial Interaction
15.	Mr Varun Prabhakar	Assistant Professor, CSE	OIC College Website
16.	Mr Dinesh Chauhan	Assistant Professor, CSE	NBA Coordinator 1 (Civil), OiC T& P
17.	Dr. Ajay Gairola	Assistant Professor, Applied Science and Humanities	Head, Applied Science and Humanities Dean Student Welfare
18.	Mr. Arun Uniyal	Assistant Professor, ECE	OiC Exam
19.	Mr. Arvind Kumar	Assistant Professor, ECE	Nodal Officer UBA
20.	Mr. Jagnandan Negi	Assistant Professor, EE	Nodal Officer Community Services
21.	Mr. Ravinder Bora	Assistant Professor, ME	Deputy Dean Academic, NBA Coordinator 2 (CSE)
22.	Mr. Gaurav Maithani	Assistant Professor, ECE	NBA Coordinator 3 (ME)
23.	Ms. Meenu Chinwan	Assistant Professor, ECE	Deputy OiC Exam, Deputy T&P Officer
24.	Ms. Indu Patni	Assistant Professor, Applied Science and Humanities	Nodal Officer Finance College
25.	Mr Neeraj Gupta	Assistant Professor, ME	OIC Alumni OIC Personality Development
26.	Ms. Dona Soman	Assistant Professor, Applied Science and Humanities	OIC Cultural Activities Deputy OIC Personality Development

1.9 Financial Details

As per the balance sheet of financial year 2018-19, the revenue and expenditures are as follows,

- a) Total Revenue: 3,71,51,716.00/-
- b) Total Expenditure: 3,01,49,495.00/-

c) Expenditures under TEQIP-III,

S.NO	Heads of Expenditure	Amount
1.	Procurement of Goods (under 1.1.1)	1,36,76,262/-
2.	Academic Process (under 1.1.2)	81,46,261/-
3.	Operating Cost (under 1.1.3)	12,32,304/-
4.	Faculty Reforms (under 1.1.4)	1,16,76,501/-

1.10 Central Library

Recently, the library is shifted to new building with state of art study environment, books, reading halls, E-Library (loaded with NPTEL lectures and E-books/E-Journals). The institute subscribe the DELNET services for providing E-Library facility to the students and staff. Moreover, we successfully complete the automation of our Central Library and soon the issue/return process is regularized through new system. Currently we have more than 16,000 books and we are in the process of adding more books in upcoming academic year.

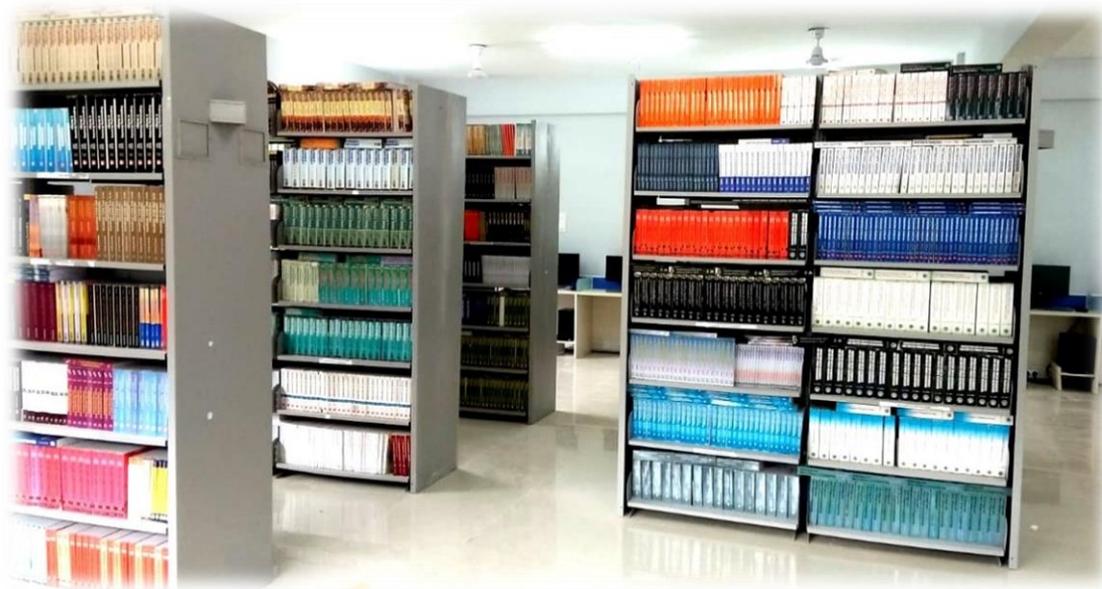


Fig.4 Central Library

1.11 Gymnasium and Yoga Center

In order to join students and staff with fitness thread the institute take an initiative to establish a common Gymnasium and Yoga center. This center helps the students to keep their fitness in congruent with their studies and with the help of yoga they can release their stress of studies.



Fig.5 Institute Gymnasium

Every year we are in process of adding new facilities and centers which not only improves the quality education but also helps us to carve a quality human being.

Section 2
“Departments and their Profiles”

2.1 Department of Civil Engineering

Department for Engineering include Environmental Engineering, Building Material Science, Engineering, Geology, Fluid Mechanics, Civil Engineering Drawing, Surveying1, Mechanics of Solids-1, Hydraulics and Open Flow Channel, Advanced Surveying, Soil Mechanics, Structural Analysis-1, Engineering Hydrology, Mechanics of Solids-2, Soil and Rock Mechanics, Structural Analysis-2, Design of Concrete Structure-1, Transportation Engineering-1, Design of Steel Structures, Design of Hydraulic Structures, Design of Steel Structures-2, Foundation Engineering, Transportation Engineering-2.

Academic activities of the Department emphasize on deep understanding of the fundamental principles on Civil Engineering, development of creative ability to handle the challenges of Civil Engineering and the analytical ability to solve problems which are interdisciplinary in nature. The Department also encourages its students to engage in extra-curricular and co-curricular activities, essential for their own personal development apart from nurturing team spirit and developing organizational skills. The faculty members of the Department are involved to explore new frontiers of breakthrough technical knowledge, recent inventions and discoveries. The findings through these researches on latest knowledge are being imparted to the students so that they are acquainted with the latest trends of the emerging engineering world.



Fig. 6 Permeable Pavement design by Fourth Year Students of Civil Engineering Department



Fig. 7 Students with their supervisors who design heavy traffic reduce system

Civil engineering branch deals with designing, surveying, constructing and maintaining structural works. The engineers of this stream learn methods to identify, consume sustainably and natural resources. It also includes the construction and supervision of things that public use in daily lives like buildings, roads, water pipelines, bridges, dams etc. and provides a better opportunity in career perspectives.

Civil Engineering Department has following advance laboratories for research work.

- ✓ Building Material and Construction Lab
- ✓ Building Planning And Drawing Lab
- ✓ Advance Surveying Lab
- ✓ Concrete Lab
- ✓ Basic Surveying Lab
- ✓ Soil Mechanics Lab
- ✓ Transport Engineering Lab
- ✓ Environmental Engineering Lab
- ✓ Structure Engineering Lab

2.2 Department of Mechanical Engineering

Mechanical Engineering is considered to be the core branch in engineering. You can work related to mechanical system design, analysis, manufacturing maintenance using fundamental Physics principle and offers analytical solution to problem using Mathematical model. The design of this course aims to provide the basics and analytical skills which give students valuable hands on industrial experiences.

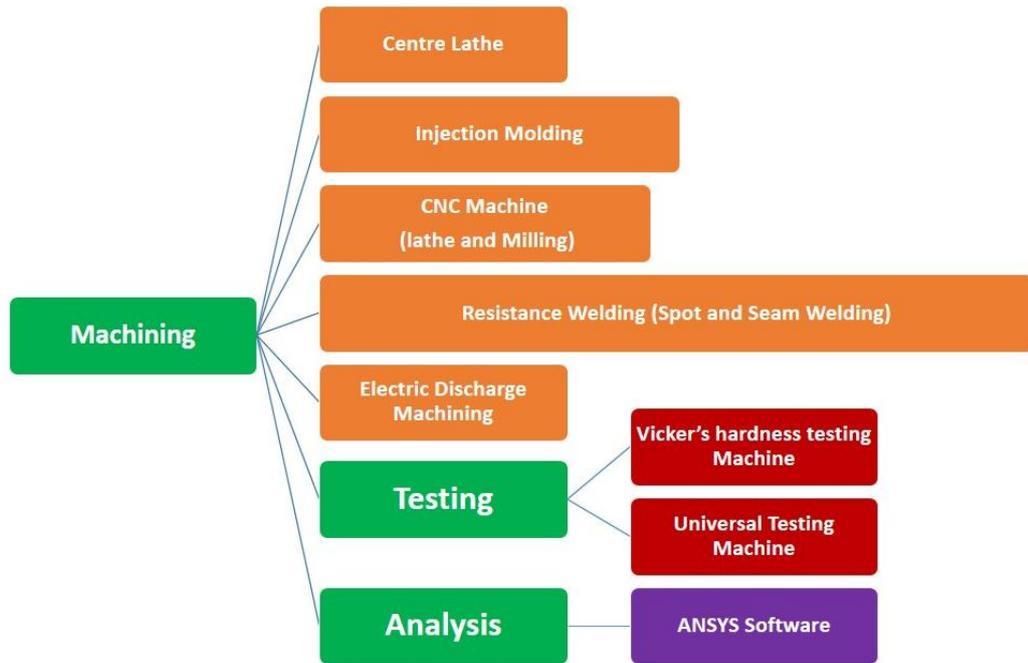


Fig.8 Department of Mechanical Engineering Lab Layout

Department of Mechanical Engineering successfully installed Universal Testing Machine (UTM) funded under TEQIP-III, this testing machine enables the students and faculty members to conduct their project work for testing of specimen like compression, tensile and bending shear test.



Fig.9 Universal Testing Machine

2.3 Department of Electrical Engineering

Its vision is to be a catalyst in imparting quality education and conducting valued research for the benefit of society.

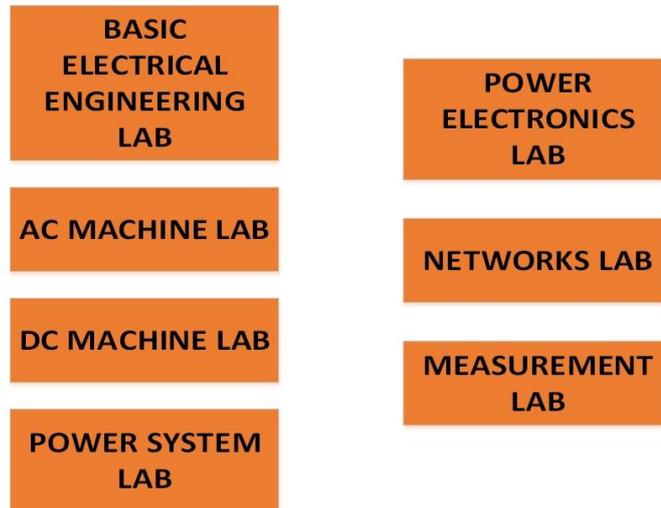


Fig.10 Flowchart of Department of Electrical Engineering Lab



Fig.11 Electrical Machine Lab

Some of our important areas of teaching are basic electrical, electrical machine, power electronics, measurement and instrumentation, circuits and systems, electric drives and power system. The vision of the department is to establish itself as a center of excellence in terms of research and teaching in its chosen area.



Fig.12 Workshop for students on Solar based Application and recent Trends.



Fig.13 Electric Drives Lab (Recently Installed under TEQIP-III)

Recently, Department of Electrical Engineering installed Electric Drives Lab successfully, funded under TEQIP-III, this lab enables the student to study and practically observed the precise controlling of electrical machine by using power

electronics circuits. As industry need the precise control of electrical machines for various applications, hence this lab observe a vital position in Electrical Engineering.

2.4 Department of Electronics and Communication Engineering

The department of Electronics and Communications Engineering was established in 2013. The program of the department is undergraduate course in Electronics and Communications Engineering. The department has laboratories equipped with latest software and hardware. Students of the department are working on projects based on recent development in Engineering and Technology. The department has adaptive teaching learning process. Along with inviting industries participation in curriculum delivery, mentoring, summer internships and industrial visits the department provides the best a student should receive. The department provided a departmental library with latest, books, magazines & journals.

- a) **Basic Electronic Engineering Laboratory:-**This laboratory supports different experiments on diodes, transistors, FETS, amplifiers, OPAMPS etc. which enhances the fundamental ideas about Basic components and circuits of Electronics.
- b) **Analog Communication Laboratory:-**This well-equipped laboratory consisting of CRO, SMPS and various experimental blocks help in study of AM, FM, ASK, FSK, PSK, PAM, PWM, TDM, FDM etc. Analog Electronics Laboratory: -This laboratory is specially designed to enhance the capability of student for designing basic analog. Like oscillators multivibrators, amplifiers, etc.
- c) **Digital Electronics Lab: -** Well equipped with discrete components and IC's, commonly used in industries.
- d) **Microprocessor and Microcontroller Lab: -** In this laboratory students get their first exposure on the programming of basic microprocessor like Intel 8085, 8086. Also applications like interfacing many peripheral elements like display, motor etc. can be done via various up tool bits.
- e) **DSP Lab: -** MATLAB Software readily available in all computers.
- f) **Microwave lab: -** Two port network parameters such as s-parameter, y-parameter, VSWR measurements etc.

- g) **Analog Integrated Circuit lab:** - Analog integrated circuits laboratory design course leverages the student's knowledge in the fundamentals of electrical engineering circuit design through the design, analyze, simulate, build breadboard, and testing of an analog integrated circuit.
- h) **Optical Fiber Communication Lab:** - Optical fiber based communications systems are working today in the Telecom, Railways, Defense, Industrial Automation and Medical industries or sectors.
- i) **Printed circuit Board lab:-** This lab mainly includes equipment and machines to produce multi-layer plated-through Printed circuit boards (PCBs), to insert leaded and surface mounted devices.



Fig.14 Microwave Lab

2.5 Department of Computer Science and Engineering

Computer Science has the power to change the world. This course offer a flexible and fascinating programs for the students who wish to acquire high skills in computers & applications, all supported by world class staff and facilities. The curriculum provides the students with a technical perspective on major issues of computer application, programming, languages and web enabled services.

- ✓ Number of laboratories- 06
- ✓ Number of computer system in lab- 180
- ✓ Number of students in CSE department- 108

S.no.	Name of Softwares	No. of Users
1.	SQL server 2012 Enterprise Edition	10
2.	.NET Framework 4.5.1	10
3.	MS-Office 2013	10
4.	ORACLE Standard Edition 11g	10
5.	Visual Studio Express 2012	10
6.	Turbo C and C++	30
7.	PROLOG	10
8.	Language Lab(Spears)	10



Fig.15 Language Lab

Section 3

***“Projects and Schemes Successfully
Implemented under Vision India”***

3.1 Center for Innovation, Design and Startup

Center for Innovation, Design and Startup run successfully since November 2017 established in the institute under AICTE mandate and funded under TEQIP-III.



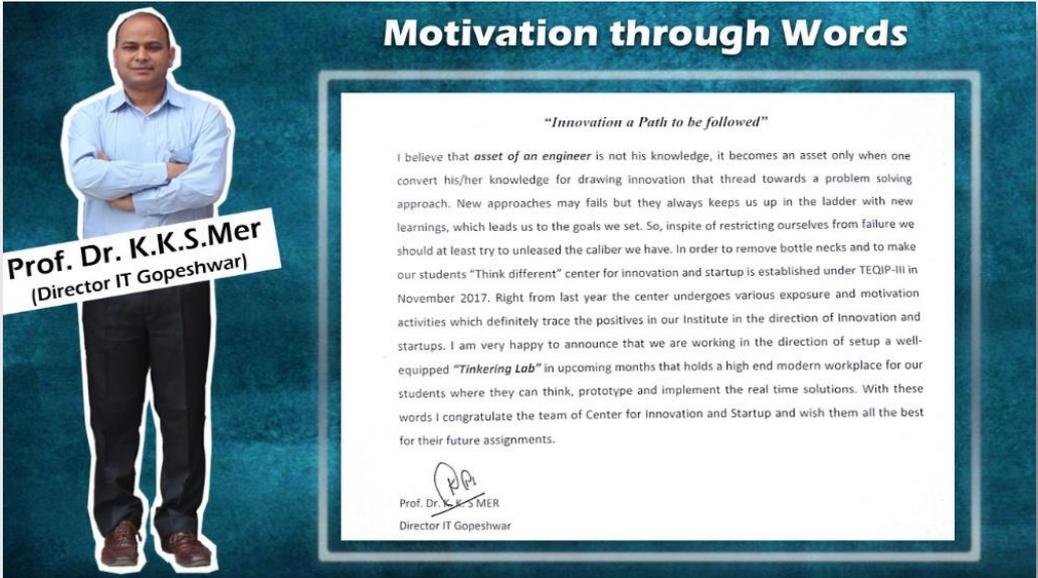
OUR VISION

"To imbibe a sense of entrepreneurship and problem solving ability among students. Nurture their innovative ideas by supplying resources while striving to provide infinite efforts for our society development."

OUR MISSION

The idea is to encourage the students in such a way that they come up with their innovation and explore the possibilities in merely a scratch of idea and give them the confidence of building their ideas in realities. Whereas, emphasis is on the implementation of their skillsets to identify, analyse and execute.

Fig.16 Vision and Mission of Center for Innovation, Design and Startups



Motivation through Words

Prof. Dr. K.K.S. Mer
(Director IT Gopeshwar)

"Innovation a Path to be followed"

I believe that *asset of an engineer* is not his knowledge, it becomes an asset only when one convert his/her knowledge for drawing innovation that thread towards a problem solving approach. New approaches may fails but they always keeps us up in the ladder with new learnings, which leads us to the goals we set. So, inspite of restricting ourselves from failure we should at least try to unleashed the caliber we have. In order to remove bottle necks and to make our students "Think different" center for innovation and startup is established under TEQIP-III in November 2017. Right from last year the center undergoes various exposure and motivation activities which definitely trace the positives in our Institute in the direction of Innovation and startups. I am very happy to announce that we are working in the direction of setup a well-equipped "*Tinkering Lab*" in upcoming months that holds a high end modern workplace for our students where they can think, prototype and implement the real time solutions. With these words I congratulate the team of Center for Innovation and Startup and wish them all the best for their future assignments.

Prof. Dr. K.K.S. MER
Director IT Gopeshwar

Fig.17 Words from Director's Desk

3.2 Recent Events Organized and Participated

a) **Smart India Hackathon 2019-:** About 11 teams was participated in SIH 2019 from the institute under software and hardware edition, and out of which 2 teams under software edition is selected for grand finale. Moreover, one teams under hardware edition prepare the prototype and selected for second round. It's a matter of great observation that this is the first time our students participated in SIH and reach at appreciable point.

S.No	Team Name	Student Name	Industry Problem	Topic	Edition
1.	Slytherine	Mayank, Aditya, Alok, Mamta, Sachin and Kundan	ABB	Cloud Based Smart City Control Room	Software
2.	Team Vayu	Karan, Devashish, Mintu, Megha, Shivang and Nitesh	MSME	Drone Based Disaster Prediction And Identification System (DDPIS)	Software
3.	Idea-Wagon	Parikshit Saket Sumit Deepanshu Bhumika Prachi	Contrive Lighting	Development of Led Light Fixtures For Hot And Dusty Climate	Hardware

b) **Proof of Concept-:** About 3 teams are successfully submitted their proof of concept in the event organized by MHRD Innovation cell. The students have to attend the orientation session on 10 August 2019 organized by AICTE in New Delhi after which the submitted concept are examined by the expert committee and the selected concepts have the opportunity to showcase their prototype in National Science Exhibition and which later on have the opportunity of global exposure in South Korea and Canada.



Fig 18 Team Slytherine at Cochin for SIH 2019 Grand Finale



Fig 19 Team Vayu at Tirupati for SIH 2019 Grand Finale

c) Events notifications and achievements on Facebook Page

The figure displays six Facebook posts from the IIC Institute of Technology Gopeshwar page, arranged in two columns and three rows. Each post includes text, images, and engagement metrics.

- Post 1 (Top Left):** Published by Dixit Jhinkwan on 2 March. Text: "Shri Prakash Javadekar, Hon'ble Minister HRD announcing the 3rd edition of the Smart India Hackathon-2019 (SIH 2019). Best wishes to all the selected teams." Includes a photo of Shri Prakash Javadekar and the Hon'ble Minister of HRD. Engagement: 85 People reached, 35 Engagements.
- Post 2 (Top Right):** Published by Dixit Jhinkwan on 16 April. Text: "India First Leadership Talk", episode 04 with Prof. Anil D. Sahasrabudhe, Chairman, AICTE on "Future of Technical Education" in India on 22/Apr/2019 at 12:00pm." Includes a promotional graphic for the talk series. Engagement: 124 People reached, 32 Engagements.
- Post 3 (Middle Left):** Published by Dixit Jhinkwan on 15 January. Text: "A live stream of 'Talk on Planning for Career' on 24th Jan 2019, 11:30am." Includes a promotional graphic for the talk series with Dr. Anand Deshpande. Engagement: 66 People reached, 24 Engagements.
- Post 4 (Middle Right):** An event notification for "Art of Decision Making, Talk by Ajit Doval, NSA, Govt. of India" on Thursday, 21 February 2019, 11:30 AM. Includes a promotional graphic with Shri Ajit Doval. Engagement: 69 People reached, 0 Engagements.
- Post 5 (Bottom Left):** Published by Abhishek Chauhan on 28 February. Text: "NATIONAL SCIENCE DAY.....!!!!!! National Science Day is celebrated on February 28 every year to remember Nobel laureate Sir C V Raman's contribution to the field of science." Includes a photo of Sir C V Raman. Engagement: 89 People reached, 23 Engagements.
- Post 6 (Bottom Right):** Published by Dixit Jhinkwan on January 4. Text: "MHRD Innovation Cell is organising India First Leadership Talk on 8th Jan 2019 by Shri. Anand Mahindra, Chairman, Mahindra Group." Includes a promotional graphic for the talk series with Shri Anand Mahindra. Engagement: 2 Shares.

Fig 20 Leadership Talk Live Sessions and Science Day article

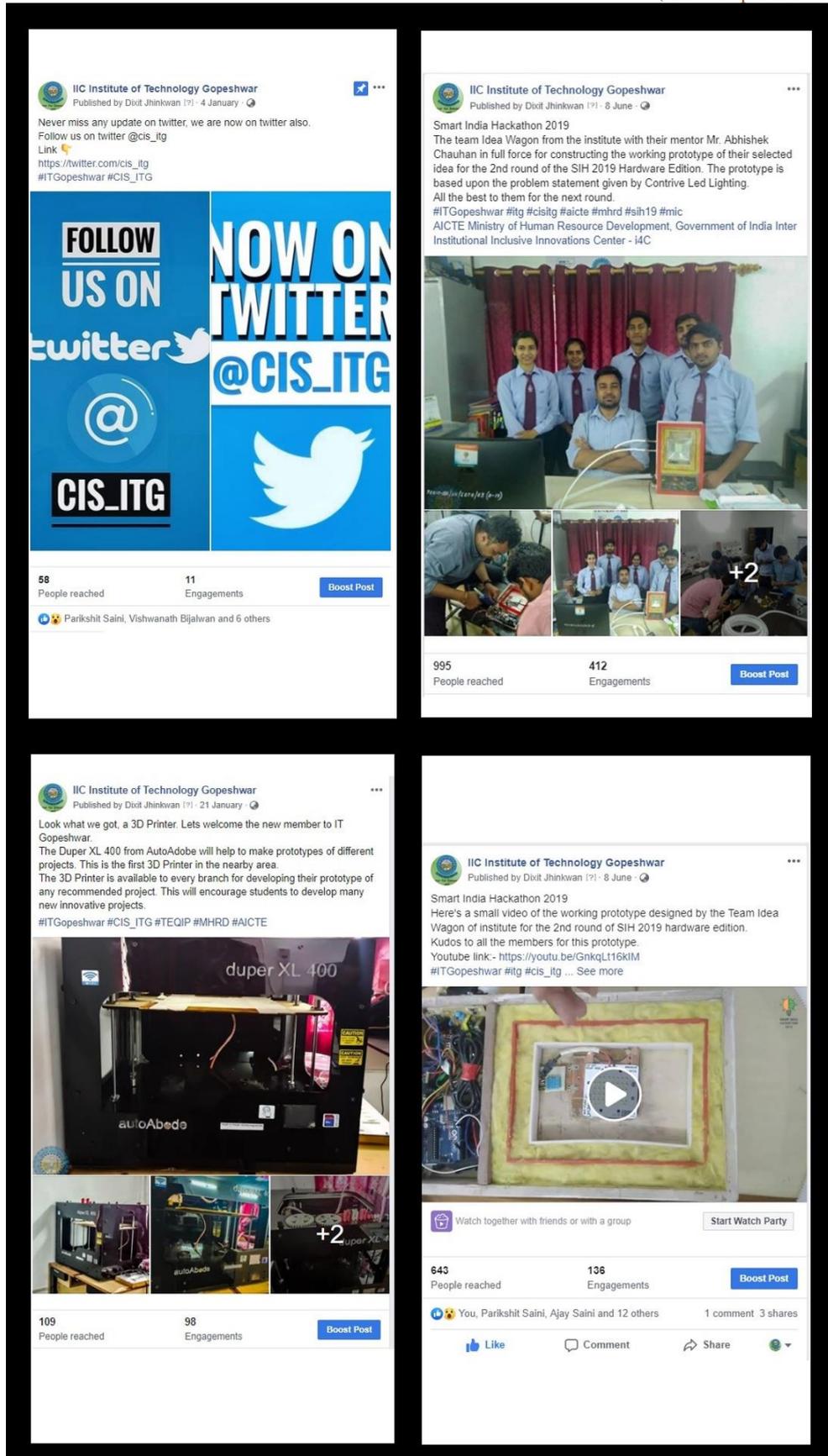


Fig 21 Leadership Talk Live Sessions and Science Day article

IIC Institute of Technology Gopeshwar
Published by Dixit Jhinkwan [?] · 21 November 2018 ·

A big milestone as the institute got this recognition at the launch of MHRD's Institution's Innovation Council (IIC) on 21st Nov 2018 held at All India Council for Technical Education headquarter, New Delhi.
#MHRD #AICTE #ITGopeshwar #innovation #MakeinIndia #startupIndia

1,612 People reached 667 Engagements Boost Post

👍 Priyanshu Prince, Ajay NeGi AJ and 33 others 7 shares

IIC Institute of Technology Gopeshwar is attending an event at Institute of Technology, Gopeshwar.
Published by Dixit Jhinkwan [?] · 22 April · Chamoli ·

"Vichardhara" @ COGNITIO 2k19
The event got organised successfully. The presentations from different teams shows that how even a small idea can change our life. Cheers for each and every participant and a huge round of applause for the organising team.
#ITGopeshwar #Cis_itg #cognitio2k19 #techfest

72 People reached 87 Engagements Boost Post

IIC Institute of Technology Gopeshwar
Published by Dixit Jhinkwan [?] · 8 January ·

The webinar of "India First Leadership Talk Series" by Shri Anand Mahindra. All India Council for Technical Education Ministry of Human Resource Development, Government of India
#AICTE #MHRD #MIC #SIH2019 #CIS_ITG #ITGopeshwar

589 People reached 235 Engagements Boost Post

👍 Parikshit Saini, Sachin Mehara and 19 others 2 shares

IIC Institute of Technology Gopeshwar is at Institute of Technology, Gopeshwar.
Published by Dixit Jhinkwan [?] · 17 April · Chamoli ·

"VICHARDHARA" a great opportunity for everyone with some innovative ideas in their mind. Have an innovative idea, just present it through a ppt or prototype and make your stand to win some cool prizes.
The event is scheduled with the techfest COGNITIO 2k19. Entries open for all students of institute.
Those teams who have participated in the SIH 2019, it is mandatory for them to present their idea's ppt or prototype.... See more

555 People reached 46 Engagements Boost Post

👍 Saurabh Bijalwan, Kapil Goyal and 11 others 1 share

Fig 22 Institute Innovation Council Meet and Event "VICHARDHARA"

3.3 Unnat Bharat Abhiyan

Unnat Bharat Abhiyan is inspired by the vision of transformational change in rural development processes by leveraging knowledge Institutions to help build the architecture of an Inclusive India. The Mission of Unnat Bharat Abhiyan is to enable higher educational institutions to work with the people of rural India in identifying development challenges and evolving appropriate solutions for accelerating sustainable growth. It also aims to create a virtuous cycle between society and an inclusive academic system by providing knowledge and practices for emerging professions and to upgrade the capabilities of both the public and the private sectors in responding to the development needs of rural India. Under UBA 5 villages has been marked. The UBA team of the institute has visited these villages and gathered data. The adopted villages are Bandwara, Devaldhar, Siron, Kathoud, and Devar Khadora.



Fig 23 Faculty Members discuss problems with village administrations

3.4 Swayam (NPTEL)

Institute have NPTEL Local chapter since 2017, and in academic year 2018-19 there are about 65 successful certifications are observed. Students as well as faculty members are also go through various courses, and we are designated as **Active Local Chapter** by IIT Madras ranking two times in a row for July-December 2018 and Jan-June 2019 sessions.

3.5 Pradhan Mantri Kausahal Vikas Yojana (PMKVY)

The PMKVY is the skill development scheme by Govt. of India monitored by MHRD. Our institute also run PMKVY center in the institute since 2018. The institute provide the skill training in Data Entry Operator, Welding and Distribution Lineman. Till now more than 50 candidates registered successfully in above mentioned course.

3.6 Intellectual Property Rights

We recently introduced intellectual property cell as per the AICTE mandates, this cell works in collaboration with center for innovation, design and startup, which leads students to take their prototype towards the acquisition of intellectual property rights like, industrial design and patenting. This center helps students to document their prototype and financial assistance is given through TEQIP-III.

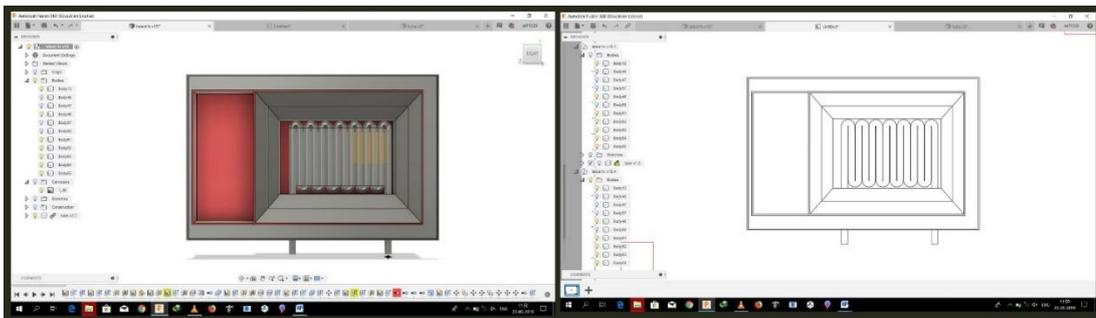


Fig 24 Planned to process this prototype for industrial design

Section 4

***“Industrial Connect, Memorandum of
Understanding and Campus
Placements”***

4.1 ICC and MoU with Industry

The fields of engineering and technology undergo changes every day, and we need to keep up with their requirements. Students need to have skills required by the industry. There has to be a constant dialogue between educational institutes and the industry. With a view to training high-level researchers and practitioners with the skills and knowledge necessary to solve today's global/regional/local environmental problems, Institute of technology, Gopeshwar has established an MOU with the Industry/organization/institution that will further the individual student's education and develop the practical skills he or she will need for his/her future career. In this process Institute of technology, Gopeshwar has successfully signed MOU with a Few Industries.



Fig. 25 Mr. Sameer Dhingra (Director, Comet Accessories Pvt. Ltd.) Signing MOU



Fig. 26 Dr. Rakesh Gairola (Local Entrepreneur, Founder Pahadi Foods Pvt. Ltd, Gopeshwar), Signing MoU

4.2 Internship Cell and Internship to Students

As per the curriculum of engineering program the student have to undergo compulsory internship of about 4 weeks, the essence of this internship is to aware the students about the work culture of an industry and the real time experience of the industry make them upto date with the technology. Internship cell in the campus looking for various internship opportunities for the students and in session 2018-19 about 149 students undergo in compulsory internships, where about 6 students are sponsored for internships with various institutions.

S.No	Name of Student	Name of Institute	Duration
1.	Sachin Bhardwaj	IIT Allahabad	11/06/2018-09/07/2018
2.	Pankaj Singh Rautela	IIT Allahabad	11/06/2018-09/07/2018
3.	Harsh Mohan Bhatt	IIT Allahabad	11/06/2018-09/07/2018
4.	Mohd. Amzad	IIT Allahabad	11/06/2018-09/07/2018
5.	Ajay Saini	IIT Hyderabad	01/06/2018-30/07/2018
6.	Mandeep Singh	IIT Hyderabad	01/06/2018-30/07/2018

4.3 Campus Placements

a) Company Name: SS Teleservices

SSTS (SMART SOLUTION TELESERVICES) has strategic business alliances for broad spectrum of products and services which allows them to offer most cost effective solutions to the customers. They provide business and Telecom solutions. In order to serve existing customers, they have support service arrangements in various cities across the country. SSTS established in 2016 and now registered under the govt. of India.

S. No	Candidate Name	Branch	Enrolment Number
1)	Harshmohan Bhatt	ECE	151340102001
2)	Mohd Amzad	ECE	151340102002
3)	Sachin Bhardwaj	ECE	151340102004
4)	Manisha	EE	151340105007
5)	Mahima Rawat	EE	151340105005
6)	Rahul Pal	EE	151340105009
7)	Sakshi Guar	EE	151340105011
8)	Faiz Khan	EE	661340105001
9)	Ajay Saini	EE	151340105001

b) Company Name: - LEAD

LEAD has a competent workforce, which no stone unturned to deliver superlative quality services to the clients improving their professional efficiency. They do this by working closely with the customers to understand their needs. They focus on helping operators to realign network and services management to make them more customers centric and ensure that business process are more streamlined and automated around customer retention and value growth. They provide not only the quality services, but the long term commitment and relationship to ensure the customers' needs are fulfilled for life.

S. No	Date	Candidate Name	Branch	Enrolment Number
1)	11-Mar-2019	Harshmohan Bhatt	ECE	151340102001
2)	11- Mar -2019	Rahul Pal	EE	151340105009
3)	11- Mar -2019	Ajay Saini	EE	151340105001
4)	11- Mar -2019	Gaurav Singh Rana	EE	151340105003

Section 5

“Initiatives Towards Quality Improvement of Technical Education under TEQIP-III”

The Project, Third phase of Technical Education Quality Improvement Programme (referred to as TEQIP-III) is fully integrated with the 12th Five-year Plan objectives for Technical Education as a key component for improving the quality of Engineering Education in existing institutions with a special consideration for Low Income States and Special Category States (SCS) and support to strengthen few affiliated technical universities to improve their policy, academic and management practices. Improving quality and equity in engineering institutions in focus states viz. 7 Low Income States (LIS), eight states in the North-East of India, three Hill states viz. Himachal Pradesh, Jammu & Kashmir, Uttarakhand and Andaman and Nicobar Islands (a union territory (UT)).

- ✓ System-level initiatives to strengthen sector governance and performance which include widening the scope of Affiliating Technical Universities (ATUs) to improve their policy, academic and management practices towards affiliated institutions, and
- ✓ Twinning Arrangements to Build Capacity and Improve Performance of institutions and ATUs participating in focus states.

5.1 PDT Trainings, Conferences, Trainings, Workshops and Short Term Courses attended under TEQIP-III by Faculty and Students

- ✓ *Financial Management & PFMS Training at UIET Chandigarh*

Name of the Faculty/Staff	Training Venue	Duration
Mr. Pramod Benjwal, Nodal Finance	UIET Chandigarh	14,15 July 2018
Mr. Abhishek Aggarwal	UIET Chandigarh	14,15 July 2018
Mr. Vishwanath Bijalwan TEQIP Coordinator	UIET Chandigarh	14,15 July 2018

- ✓ *Induction Program Training at Shivalik College of Engineering Dehradun*

Name of the Faculty/Staff	Training Venue	Duration
Mr. Vinay Kumar Pandey	Shivalik College of Engineering Dehradun	24-28 July 2018

✓ *Short Term Course STTP on Innovation & Entrepreneurship Development*

Name of the Faculty/Staff	Training Venue	Duration
Mr. Divyaprakash Poddar	SVNIT Surat	30July-03 August 2018

✓ *Short Term Case on Analysis & Optimization of 5G Wireless Networks*

Name of the Faculty/Staff	Training Venue	Duration
Dr. Gaurav Upadhyay	UIET Kurukshetra	17-21 September 2018
Mr. Arvind Kumar	UIET Kurukshetra	17-21 September 2018

✓ *Uttarakhand Investor's Meet*

Name of the Faculty/Staff	Training Venue	Duration
Dr. Ajay Gairola	Cricket Stadium Raipur Dehradun	07-08 October 2018
Mr. Vishwanath Bijalwan	Cricket Stadium Raipur Dehradun	07-08 October 2018

✓ *One Day IIC meeting at AICTE Headquarter, New Delhi*

Name of the Faculty/Staff	Training Venue	Duration
Mr. Abhishek Chauhan	New Delhi	21 November 2018

✓ *Training at IIM Trichy*

Name of Faculty/Staff	Training Venue	Duration
Vishwanath Bijalwan	IIM Trichy	03-07 December 2018
Pramod Bijalwan	IIM Trichy	03-07 December 2018

✓ *TEQIP Sponsored on STC on Advances in Material & Manufacturing*

Name of the Faculty/Staff	Training Venue	Duration
Neeraj Gupta	GBPIET Pauri	24-28 December

✓ *Training for Betterment of our Non-teaching Staff and Members*

Name of the Faculty/Staff	Training Venue	Duration
Dona Soman	ITG Gopeshwar	07-11 Jan 2019
T. L Shah	ITG Gopeshwar	07-11 Jan 2019
Amit Panwar	ITG Gopeshwar	07-11 Jan 2019

✓ *Workshop on Finance Management SPIU Dehradun*

Name of the Faculty/Staff	Training Venue	Duration
Kiran Bijalwan	SPIU Dehradun	03-04 January 2019
Pramod Bijalwan	SPIU Dehradun	03-04 January 2019

✓ *Training on Capacity Building for Non-Teaching*

Name of the Faculty/Staff	Training Venue	Duration
Amit Kumar (Lab Assistant)	Engineering Staff College Of India, Guwahati	08-12 th January 2019
Punit Bagwari (Clerk)	Engineering Staff College Of India, Guwahati	08-12 th January 2019

✓ *NPIU & World Bank One day workshop on Sanitization Environment Safeguard*

Name of the Faculty/Staff	Training Venue	Duration
Aridam Sarkar	SGSITS, Indore	11 th January 2019

✓ *Mid Term Review Mission of World Bank meeting at WIT, Dehradun*

Name of the Faculty/Staff	Training Venue	Duration
Vishwanath Bijalwan	WIT , Dehradun	15 th February 2019

✓ *Two days Training on PMSS at Punjab Engineering College, Chandigarh*

Name of the Faculty/Staff	Training Venue	Duration
Abhishek Chauhan	PEC, Chandigarh	27-28 th February 2019
Ombeer Saini	PEC, Chandigarh	27-28 th February 2019

✓ *TEQIP workshop on “Graphene Based Device Fabrication and Characterization” at UIET Kurukshetra, Haryana*

Name of the Faculty/Staff	Training Venue	Duration
Gaurav Upadhyay	UIET Kurukshetra	26-27 th February 2019
Arvind Kumar	UIET Kurukshetra	26-27 th February 2019

* along with 11 students

✓ **Smart India Hackathon 2019 Grand Finale**

Name of the Faculty/Staff	Training Venue	Duration
Neeraj Gupta	Tirupati, Andhra Pradesh	02-03 rd March 2019
Amit Panwar	Cochin, Kerala	02-03 rd March 2019

*With 06 Students in each group attend the grand finale (Total 12 students)

✓ **Technical & Cultural Fest IIT Kanpur**

Name of the Faculty/Staff	Training Venue	Duration
Avinash P	IIT Kanpur	07-10 th March 2019

* along with 9 students

✓ **Megalith 2019 held at IIT Kharagpur**

Name of the Faculty/Staff	Training Venue	Duration
Arindam Sarkar	IIT Kharagpur	08-10 th March 2019

* along with 05 students

✓ **Two days Training on Advance Automobile Training on Mercedes Engine**

Name of the Faculty/Staff	Training Venue	Duration
Arvind Kumar	IIT , Mumbai	16-17 th March 2019
Jagnandan Negi	IIT, Mumbai	16-17 th March 2019

* along with 18 Students (06 students from ECE, 07 students from ME, 04 from CE and 1 from CSE)

✓ **Techfest of IIT Roorkee “Cognizance 2019”**

Name of the Faculty/Staff	Training Venue	Duration
12 Students Participated	IIT, Roorkee	1-17 th March 2019

✓ **Two days’ Workshop on Digital Image Processing MATLAB IIT Roorkee**

Name of the Faculty/Staff	Training Venue	Duration
Abhishek Chauhan	IIT , Roorkee	15-16 th March 2019

* along with 05 students

✓ **Two days’ Workshop on Automobile Mechanics & IC Engine at IIT Roorkee**

Name of the Faculty/Staff	Training Venue	Duration
Hemant Chauhan	IIT , Roorkee	16-17 th March 2019

* along with 04 students

- ✓ *Two days' Workshop on Machine Learning and Artificial Intelligence at IIT Roorkee*

Name of the Faculty/Staff	Training Venue	Duration
Jitendra Rauthan	IIT , Roorkee	16-17 th March 2019

* along with 01 student participated

- ✓ *Techfest of IIT Roorkee "Cognizance" 2019*

Name of the Faculty/Staff	Training Venue	Duration
12 Students	AICTE Auditorium, New Delhi	15-17 th March 2019

- ✓ *MIS Workshop at MNIT Allahabad*

Name of the Faculty/Staff	Training Venue	Duration
Jitender Kumar Sehgal (MIS Officer)	MNIT , Allahabad	18 th March 2019

- ✓ *International Conference on Digital Pedagogy*

Name of the Faculty/Staff	Training Venue	Duration
Dinesh Chauhan	AICTE Auditorium, New Delhi	01-02 April 2019
Ashutosh Biswal	AICTE Auditorium, New Delhi	01-02 April 2019

- ✓ *TEQIP STC on Faculty Development Program at IIT Roorkee*

Name of the Faculty/Staff	Training Venue	Duration
Ashutosh Biswal	IIT, Roorkee	20 th -24 th May 2019

- ✓ *Short Term Course on Antenna Design at Hotel IIT BHU*

Name of the Faculty/Staff	Training Venue	Duration
Dr. Gaurav Upadhyay	IIT , BHU	June 2019

- ✓ *SPIU Good Governance Workshop at Hotel Pacific Dehradun*

Name of the Faculty/Staff	Training Venue	Duration
Abhishek Aggrawal	Hotel Pacific Dehradun	10 th -11 th June 2019
Hemant Chauhan	Hotel Pacific Dehradun	10 th -11 th June 2019
Amit Panwar	Hotel Pacific Dehradun	10 th -11 th June 2019

✓ **Professional Development Training (PDT) at IIM Shilong**

Name of the Faculty/Staff	Training Venue	Duration
Jagnandan Negi	IIM Shilong	19 th -21 st June 2019
Arun Uniyal	IIM Shilong	19 th -21 st June 2019

✓ **Workshop on Advance Pedagogy and Digital Tools**

Name of the Faculty/Staff	Training Venue	Duration
Ritesh Kumar Jha	IIT Roorkee	17 th -21 st June 2019
Raviendra Singh	IIT Roorkee	17 th -21 st June 2019
Mr. Amit Panwar	IIT Roorkee	17 th -21 st June 2019
Dr. Vinay Kumar Pandey	IIT Roorkee	17 th -21 st June 2019
Dona Soman	IIT Roorkee	17 th -21 st June 2019
Gaurav Maithani	IIT Roorkee	17 th -21 st June 2019
Avinash P	IIT Roorkee	17 th -21 st June 2019
Ashutosh Pipraiya	IIT Roorkee	17 th -21 st June 2019
Ashutosh Biswal	IIT Roorkee	17 th -21 st June 2019
Mr. Suraj Singh Chand	IIT Roorkee	17 th -21 st June 2019
Arindam Sarkar	IIT Roorkee	17 th -21 st June 2019
Ankush Dhanai	IIT Roorkee	17 th -21 st June 2019
Dr. Gaurav Upadhyay	IIT Roorkee	17 th -21 st June 2019
Neeraj Gupta	IIT Roorkee	17 th -21 st June 2019

✓ **Workshop end to end Innovation**

Name of the Faculty/Staff	Training Venue	Duration
Vishwanath Bijalwan	IIT Mumbai	17 th -21 st June 2019
Abhishek Aggrawal	IIT Mumbai	17 th -21 st June 2019
Ombeer Saini	IIT Mumbai	17 th -21 st June 2019

✓ **Workshop on NBA and NAAC Accreditation**

Name of the Faculty/Staff	Training Venue	Duration
Dr. K K S Mer	Gangtok, Sikkim	18 th - 22 nd June 2019

✓ **Workshop on Cryptography for Materials Science**

Name of the Faculty/Staff	Training Venue	Duration
Neeraj Gupta	IIT Delhi	24 th - 28 June 2019

5.2 Technical Fest Cognitio under Equity Action Plan

In TEQIP-III all institutions applying under sub-components 1.1, 1.2, and 1.3 are required to prepare and include an Equity Action Plan (EAP). The objective of the Equity Action Plan is “to ensure that *all* students and faculty in the project institutions have equal opportunity to avail of the benefits of the project with substantial improvement in the performance of students who need greater assistance.” Most importantly, the EAP is meant to help guide institutes in thinking of various ways they can improve student performance and satisfaction, resulting in better employability, placement, and ultimately, creating loyal alumni who will represent the institute in industry and elsewhere. Student performance is not only the responsibility of the student-it is also the responsibility of the institute to ensure that student support services are widely accessible.



Fig. 27 Students participated in Cognitio Events

Cognitio technical fest sponsored by Equity Action Plan TEQIP-III started with an inaugural session followed by an inaugural speech by our guest of honor Mr. Nandan Singh Bisht, Principal Govt. Polytechnic Tapowan and HOD Mechanical Bhupendra Singh, DIET Rishikesh. A variety of general technical events like Quiz, Technical paper presentation, Innovation and startup with live session of Prof. Anil D. Sahasrabudhe Chairman AICTE, and branch specific events like District- X (E.D),

Corner cottage (3D Home Software) for Civil Engineering, CAD works & Zombie Collapse for Mechanical Civil Engineering, Blind Coding, Hackathon for Computer Science Engineering and Flyspy, Electra for Electronics and Communication Engineering, Technocrats, Conception de Circuits for Electrical Engineering. Branches were organized at various venues in the Institute campus. Mr. Nandan Singh Bisht, Principal Govt. Polytechnic Tapowan and HOD Mechanical Bhupendra Singh, DIET Rishikesh obliged our request for being external referees for various technical events.

Dr. K.K.S Mer Director Institute of Technology, Gopeshwar highlighted the importance of being informative at all times and lauded the enviable efforts of the Institute for making the students technically rich along with providing holistic technical education. Guest of the day, Mr. Nandan Singh Bisht, Principal Govt. Polytechnic Tapowan and HOD Mechanical Bhupendra Singh, DIET Rishikesh, appreciated the progressive growth of the Institute within a very short time and observed that it will grow as a promising technical institute in the days to come. More than 300 students had active participation in the two day event.



Fig. 28 Students with faculty Members during Cognito Events

5.3 Induction Training for First year Students

Induction training is organized by the institute for first year students, this training helps the students to acclimatize with the environment where they have to spend next four years. This type of trainings enables the students to prepare themselves for the best about to come while pursuing their engineering programme.



Fig. 29 Students visit with faculty members during induction program

Various activities like painting, folk, yoga, innovation related activities, drama, acting, photography, clean your locality drive and trekking are the events that are covered by the institute during the induction programme.

5.4 NBA

The National Board of Accreditation (NBA) is one of the major bodies responsible for accreditation of higher education institutions in India. NBA in its present form came into existence as an autonomous body with effect from 7th January 2010, with the objective of Assurance of Quality and Relevance of Education, especially of the programs in professional and technical disciplines, i.e., Engineering and Technology, Management, Architecture, Pharmacy and Hospitality, through the mechanism of accreditation of programs offered by technical institutions. Institute Of Technology, Gopeshwar has successfully registered on NBA portal for accreditation. The institute is going to apply for accreditation in four branches namely computer science and

engineering, civil, electrical and mechanical engineering soon. Institute has appointed coordinators for each branch for monitoring the progress of NBA related works.

5.5 GATE Classes

As GATE examination is one of the way to highlight the technical understanding of the program by the students, and leads them towards their higher education and placements. Institute organized a GATE training session through THE GATE ACADEMY (Empaneled by NPIU) for 4th year students from September 2018-January 2019. Undermentioned students qualify the GATE examination 2019,

S No	Student Name	Branch	GATE Score	GATE Rank
1	Sachin Singh Rawat	CSE	285	22711
2	Gaurav Singh Rana	EE	217	31692
3	Ajay Saini	EE	315	20527
4	Sagar Shah	CE	490	8321

5.6 Employability Skill training

Institute of Technology Gopeshwar conducting 200 Hrs. Employability Skill Training Program for 205 students of B.Tech 3rd Year under Technical Education Quality Improvement Program (TEQIP) since March 2019. The aim of conducting employability skill training is to improve managerial skills, communication skills, team working skills, leadership skills, and entrepreneurial skills of students. This Training session is organized by the “Universal Education Bengaluru”. The Training course covers quantitative aptitude, logical reasoning, verbal aptitude, GD & PI and resume writing. The training session begins on March 13, 2019 in 3 Batches. Three to four hours daily are provided to the trainer of Universal Education. The branch wise Hours completed by trainer in all three batches are as below,

1. Computer Science Engineering : 67.5 Hrs.
2. Civil Engineering : 67.5 Hrs.
3. Electronics and Communication Engineering : 67.5 Hrs.
4. Electrical Engineering : 71 Hrs.
5. Mechanical Engineering : 67.5 Hrs.

The Study material is not provided by the Universal Education so far. Employability Test (AMCAT Test) was organized for B. Tech students at IT Gopeshwar on 03-05 December 2018.

The scores of 7th semester students in employability test were quite amazing and significant, and mentioned below,

S. No.	Name of Student	Enrolment No.	AMC AT Score
1.	Gaurav Bijalwan	158470415105852	363
2.	Sabir Ansari	158470415838037	270
3.	Prtaeek Rauthan	158470415815973	315
4.	Neeraj Suyal	158470415892022	423
5.	Nitin Joshi	158470415671136	407
6.	Anjali Negi	158470415679163	440
7.	Jayant Kumar	158470415303583	422
8.	Ashish Singi Negi	158470415826043	265
9.	Neelesh Godiyal	158470415190516	487
10.	Dharmender Singh	158470415928888	430
11.	Devesh Mehra	158470415465540	271
12.	Ravinder Singh Bisht	158470415603998	343
13.	Panakaj Negi	158470415971276	443
14.	Devyani Kathait	158470415204615	367
15.	Nidhi Kunwar	158470415414820	493
16.	Chandan Kumar	158470415323786	235
17.	Deepak Joshi	158470415945672	305
18.	Preet Govind	158470415674097	437
19.	Gaurav Sati	158470415613885	387
20.	Alok Rawat	158470415571436	533
21.	Vimal Belwal	158470415921106	450
22.	Preety Chauhan	158470415574976	407
23.	Anjali Kukreti	158470415355005	237
24.	Saket Durgapal	158470415109957	598
25.	Harsh Yadav	158470415716547	463
26.	Neeraj Khanduri	158470415434717	330
27.	Somesh Rathore	158470415352350	355
28.	Ashish Kumar	158470415260035	363
29.	Sonu Deshwal	158470415829919	189
30.	Shainkee Pal	158470415571985	462
31.	Rajat Verma	158470415422388	438
32.	Shivam Pandey	158470415503168	560
33.	Dhruv Kandari	158470415888604	565
34.	Shubham Chauhan Na	158470415985437	388
35.	Shubham Upadhyay	158470415883386	373
36.	Jyoti	158470415392664	280
37.	Prachi Kothiyal	158470415316278	520

38.	Naman Pratap	158470415364649	357
39.	Rakshit Singh Aswal	158470415391077	358
40.	Saurabh Bhatt	158470415870904	297
41.	Rudraksh Chaturvedi	158470415897363	613
42.	Sachin Farswan	158470415182398	352
43.	Vishnu naudiyal	158470415162989	405
44.	Neeraj Singh Rawat	158470415196283	383
45.	Abhishek Gupta	158470415476831	342
46.	Mukul Aswal	158470415929467	283
47.	Mahesh Chandra Mishra	158470415733026	418
48.	Pawan Singh Na	158470415367884	315
49.	Shivani Butola	158470415915979	363
50.	Aditya Kumar Yadav	158470415417810	363
51.	Parikshit	158470415722955	433
52.	Bhavesh Suriya	158470415202143	407
53.	Rahul Singh Negi	158470415326837	420
54.	Sumit Joshi	158470415108698	500
55.	Sangam Chaudhary	158470415100893	488
56.	Geetika Rawat	158470415137751	532
57.	Amit	158470415135889	119
58.	Sachin Singh Rana	158470415433038	517
59.	Subham Bijalwan	158470415312525	412
60.	Tejpal Singh Negi	158470415889947	495
61.	Vinay Ronkley	158470415975763	387
62.	Vivek Tripathi	158470415421900	430
63.	Vidhi Purohit	158470415871759	340
64.	Vijendra Singh	158470415990289	328
65.	Ramanuj Kumar	158470415742792	283
66.	Yogesh Bhaskar	158470415789667	368
67.	Sunil Kandpal	158470415416834	490
68.	Mohit Rawat	158470415977227	393
69.	Moksha Shukla	158470415949579	297
70.	Abhishek Ranjan	158470415484400	400
71.	Pushpendra Rawat	158470415518884	435
72.	Ayush Kapadwal	158470415470392	428
73.	Ritik Sharma	158470415518030	392
74.	Ankur Saini	158470415261744	382
75.	Pankaj Bangari	158470415517816	352
76.	Yagyesh Ranjan Singh	158470415727869	358
77.	Virendra Singh Nabiyal	158470415944421	282
78.	Tanuj Maiwal	158470415885705	318
79.	Vikash Singh Panwar	158470415295557	332
80.	Harish Kumar	158470415612634	380
81.	Tanya Koranga	158470415101473	532
82.	Akshay Kumar Sahni	158470415100100	533
83.	Mohit Bhatt	158470415224970	608
84.	Ashish Manral	158470415103313	375
85.	Yogesh Joshi	158470416278923	470

86.	S Parveen Singh	158470416711581	265
87.	Vishal Chandra	158470416728829	178
88.	Mandeep Singh Na	158470416852862	248
89.	Ruchi Pharswan	158470416956023	280
90.	Mahendra Singh	158470416678782	507
91.	Suraj Singh Metwal	158470416631807	453
92.	Mohd Amzad	158470416583163	216
93.	Pankaj mathpal	158470416617439	468
94.	Manish Prakash	158470416258043	520
95.	Bittu Farswan	158470416463870	393
96.	Faiz khan	158470416794300	447
97.	Namita Shah	158470416876399	352
98.	Manish Kumar	158470416835558	498
99.	Dinesh Kumar	158470416673623	345
100.	Aman Rana	158470416845759	141
101.	Sunil Singh Bisht	158470416479207	383
102.	Vipin Singh	158470416288445	317
103.	Sakshi gaur	158470416461045	375
104.	Sumit rawat	158470416616187	403
105.	Mayank Rautela	158470416471807	418
106.	Sumit Rawat	158470416597499	343
107.	Aditya Uniyal	158470416493300	370
108.	Kamal Tiwari	158470416472420	370
109.	Karan Kumar	158470416816347	425
110.	Nitin Bailwal	158470416245493	403
111.	Sachin Panwar	158470416202139	352
112.	Bindu Rawat	158470416321270	273
113.	Sachin Kumar	158470416431863	315
114.	Punit Gole	158470416567898	368
115.	Vaishali Jhinkwan	158470416583657	250
116.	Neeru Thapa	158470416749053	352
117.	Sachin Balmiki	158470416382895	343
118.	Akshay Kumar Yadav	158470416185085	445
119.	Piyush Dimri	158470416151231	375
120.	Saurabh Barman	158470416178847	342
121.	Bhartesh Chauhan	158470416866495	382
122.	Neelam Na	158470416702939	230
123.	RAJAT KUMAR	158470416689663	402
124.	Alok Kothiyal	158470416451567	535
125.	Mahima Rawat	158470416733166	515
126.	Ajay Saini	158470416907067	520
127.	Shubham Kala	158470416658415	437
128.	Sweta Panwar	158470416585723	267
129.	Madhu Purohit	158470416582134	292
130.	Alok Sati	158470416761837	306
131.	Aishwarya Bhatt	158470416628591	363
132.	Bhupesh Kumar Arya	158470416812275	215
133.	Mayank Khali	158470416890829	315

134.	Rahul Pal	158470416908159	375
135.	MAMTA	158470416240365	213
136.	Tarun Gosain	158470416375693	445
137.	Tushar Kolekar	158470416296615	365
138.	Vikash Kumar	158470416920575	392
139.	Sumit Devshali	158470416228345	383
140.	Bhupendra Singh Negi	158470416257725	357
141.	Satendra Singh Gusain	158470416756429	283
142.	Neelam Rawat	158470416722814	287
143.	Manisha Na	158470416946167	370
144.	Manvendra Bisht	158470416836603	393
145.	Satyam Kala	158470416473078	450
146.	Nidhi Agarwal	158470416192251	297
147.	Kavita Bhatt	158470416790922	320
148.	Priya Panwar	158470416968637	243
149.	Gaurav Singh Rana	158470416882681	573
150.	Naveen Bisht	158470416401839	448
151.	Manisha	158470416241647	468
152.	Sachin Singh Rawat	158470416319997	517
153.	Babita Dangwal	158470416971775	348
154.	Jeetendra Singh Na	158470416118239	335

5.7 Twinning Activity under TEQIP III

Institute of Technology have University Institute of engineering and Technology Kurukshetra as Twinning partner for the 3 year TEQIP project. The objectives are as below:

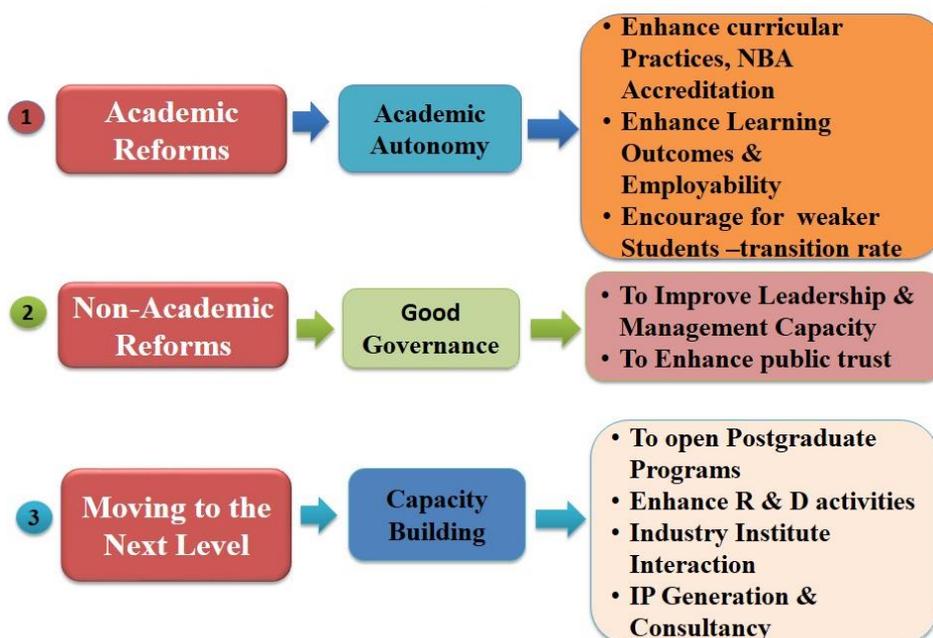


Fig. 30 Objectives of Twinning Twinning Activities

Following are the visits, meeting and program under twinning program,

S No.	Date	Name of Participants	Activity Name	Brief Description
1	02/02/2019	Mr. Vishwanath Bijalwan, Mr. Abhishek Aggarwal, Mr. Arun Negi	IT Gopeshwar Faculties Visited Mentee Institute KUK.	IT Gopeshwar Faculties Visited Mentee Institute KUK.
2	23/02/2018	Mr. Rahul Sagnal , Mr. Divyaprakash	TEQIP-III Funded Soft Skills Competition	UIET organized "Communix" a soft skill competition Sponsored by TEQIP
3	13 th -16 th April 2018	IT Gopeshwar Faculties and Mentee Institute.	UIET Kurukshetra Five Members visited IT Gopeshwar	Five Members Mentee Institute visited IT Gopeshwar
4	16-17 October 2018	Dr. K. K. S. Mer	Visited Mentee Institute Under TEQIP-III	Both Institutes that they will work together and speed up twinning activities
5	17-21 September 2018	All faculty IT Gopeshwar	Three days NBA Workshop at IT Gopeshwar,	Mentor College /Twinning College visited IT Gopeshwar.
6	18-02-2019	Mr. Abhishek Chauhan (EE)	Twinning Review at AICTE Head Quarter, New Delhi.	A Twining review meeting is call by NPIU for TEQIP-III Institution to highlight the Duties.
7	25 -27 Feb 2019	Dr. Gaurav Upadhyay and 11 Students	Two Days Workshop of "Graphene based device fabrication and Characterization"	11 Students of ECE 3rd year Visited UIET Kurukshetra
8	15/03/2019	Mr. Vinay Kumar Pandey, Mr. Amit Kumar and 24 Students	Pool Campus UIET Kurukshetra	Pool Campus UIET Kurukshetra
9	03-02-2019	Vishwanath Bijalwan, Pramod Bijalwan	Twinning Activity	Present achievements issues with mentor institute
10	07-03-2019	Vishwanath Bijalwan, Pramod Bijalwan	Minutes of meetings on Twinning Activities Under TEQIP -III	Minutes of meetings on Twinning Activities Under TEQIP -III
11	15-06-2019	Arun Uniyal, Mrs. Meenu Chinwan, Kuldeep (exam cell), Rajesh Kumar (Exam cell)	Exam Cell Academic Reforms Meeting	Academic reforms meeting in the Exam Cell of IT Gopeshwar held on 13th June 2019
12	14-06-2019	All Faculties of ITG	OBE Workshop	Outcome Based Education (OBE) workshop

13	15-06-2019	All Faculties of ITG	NBA & SAR	Discussion on NBA and SAR preparation
14	13 th -15 th June 2019	Director	Report on visit Director UIET with Director ITG	Report on visit Director UIET with Director ITG
15	17 th -20 th June 2019	Mr. T L Shah, (Finance Advisor) Durga Prasad, (Asst. Accountant) Savita, (clerk office) Rajesh Dobriyal, (exam clerk) Kuldeep (exam clerk)	Meeting with Office Staff	Meeting with Office Staff for Smooth functioning and up gradation of the Institute
16	12 th -14 th June 2019	Mr. Ram Kumar Mr. Manoj Dubey Mr. Raviendra Tomar. Mr. Pawan Kumar Mr. Pawan Kumar Ranga	Visit ITG Gopeshwar	They Interacted with various faculties and staff members of the Institute

5.8 Sanctioned Projects

A collaborative research scheme is an initiative by AICTE under which faculties of the institute registered their proposal after reviewing various proposal from various institutes the undermentioned project is selected for further funding.

Project Title	Graphene Oxide Nanocomposite Proton Conductors for Durable and Efficient High Temperature Polymer Electrolyte Membrane Fuel Cells.
Principle Investigator	Dr. Vinay Pandey Assistant Professor, Applied Sciences (Chemistry) IT Gopeshwar
Project Application No.	1-5748563901
Project total budget	25,00000 INR

Co-Principle Investigator

Name	Details
Dr. Krishan Kant Singh Mer Professor	Director, Institute of Technology, Gopeshwar Kothiyalsain, Chamoli (Uttarakhand)-246424 Contact: +919412957015, E-mail: kksmer@gmail.com
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Mr. Ombeer Saini Assistant Professor	EED, IT Gopeshwar, Uttarakhand, Contact: +919720651770, E-mail: Ombeer2009@gmail.com
Dr. Ravi Prakash Pandey Post-Doctoral Research fellow	Qatar Environment and Energy Research Institute (QEERI), Hamad Bin Khalifa University, P.O. Box 34110, Doha, Qatar Contact: +97466885939, E-mail: rppanday1987@gmail.com

5.9 Environment Management Framework (EMF)

The EMF is one of the imperative point under Program Implementation Plan (PIP), the institute establish fire safety arrangements, clean water filters, and inspect water quality in regular interval of time, to make a clean and healthy environment for students in the campus. Moreover, the plants are also planted within the campus and in the vicinity of the campus. As first aid arrangement is one of the key aspect in view of student safety, and hence first aid boxes are installed in various labs. In the direction of using renewable energy sources in the campus several solar lights are also installed.



Fig. 31 Renewable Energy Arrangements

Now, we are in the concluding segment of the annual report of Institute of Technology, Gopeshwar for 2018-19. In this session we achieved various fundamental mile stone and hope we do better in upcoming sessions.

“Conclusion defines the end in one’s prospect,
but every time the end came with a new
foundation, if the zeal of building is focused
where determination hold you on ground
certainly the victory prevails”



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