INSTITUTE OF TECHNOLOGY GOPESHWAR

(A Constituent Institute of Uttarakhand Technical University Dehradun)

Government of Uttarakhand

Approved by AICTE, MHRD, New Delhi

ANNUAL REPORT 2019-20

"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 2019-20.

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.

Contents

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 preeminence 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 2019-20. 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.

1.1 An 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.
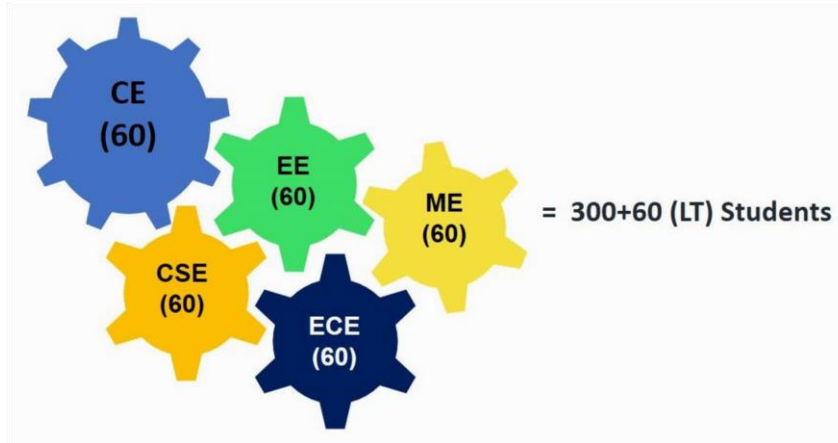
Fig. 2 Total intake of students

a) **Student Strength in Respective Branches**

S.No.	Branch Name	Actual Intake
1.	Computer Science and Engineering	134
2.	Mechanical Engineering	82
3.	Electrical Engineering	71
4.	Electronics and Communication Engineering	29
5.	Civil Engineering	197

Total number of students - 512/1200

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	4th Year	3rd Year	2nd Year	1st Year	Total
CSE	41	25	37	31	134
ECE	11	6	4	8	29
ME	50	14	12	6	82
EE	32	13	19	7	71
CE	70	49	57	21	197

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	41	0
ECE	11	2
ME	50	4
EE	32	8
CE	70	10

5th Semester

Branch	Total Student appeared for examination	Total Student With backlog
CSE	25	5
ECE	6	1
ME	14	3
EE	13	6
CE	49	31

3rd Semester

Branch	Total Student appeared for examination	Total Student With backlog
CSE	37	18
ECE	4	4
ME	12	12
EE	19	9
CE	57	15

1st Semester

Branch	Total Student appeared for examination	Total Student With backlog
CSE	31	20
ECE	8	7
ME	6	5
EE	7	5
CE	21	16

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, ME	NBA Coordinator 1 (Civil), OiC T& P
17.	Mr Suraj Singh Chand	Assistant Professor, Applied Science and Humanities	Head, Applied Science and Humanities Dean Student Welfare
18.	Mr. Arun Uniyal	Assistant Professor,	OiC Exam

		ECE	
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 2019-20, the revenue and expenditures are as follows,

a) Total Revenue: 9,65,26,403.00/-

b) Total Expenditure: 9,00,93,395.00/-

c) Expenditures under TEQIP-III,

S.NO	Heads of Expenditure	Amount
1.	Procurement of Goods (under 1.1.1)	4,17,59,995/-
2.	Academic Process (under 1.1.2)	1,18,29,153/-
3.	Operating Cost (under 1.1.3)	28,76,902/-
4.	Faculty Reforms (under 1.1.4)	1,04,47,211/-

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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/EJournals). 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 19,547 books and we have purchased 2575 number of books in academic year 2019-20.

College has susscribed for e-Granthalaya is a Digital Platform developed by **National Informatics Centre**, Ministry of Electronics and Information Technology, Government of India for Government Libraries for Automation of In-house activities as well as member services and Networking for resource sharing. On this platform, NIC provides a complete ICT solution with integrated Library Management Software, Digital Library Module, Cloud hosting environment and a Library Portal (OPAC) with NICSI empaneled Roll-out Services and support. e-Granthalaya is useful to transform traditional libraries to e-Library with Digital Library Services and to provide various online member services using Single Window Access System. Latest version of e-Granthalaya i.e. Ver.4.0 is a 'Cloud Ready Application' and provides a Web-based solution in enterprise mode with a centralized database for cluster of libraries. The ICT solution is well compliance with International standards prevalent in Libraries with use of latest ICT technology and Cloud hosting. e-Granthalaya 4.0 uses PostgreSQL - an Open Source DBMS as back-end database solution and is made available in NIC National Cloud (Meghraj) for Government Libraries on request basis with hosting of application and databases for online access.

Library Account has been created for using e-Granthalaya 4.0 Online hosted in NIC National Cloud with the Following Details:

LIBRARY CODE: ITGPSR

USERCODE: ITGPSR

Your Library Cluseter is: उच्च शिक्षा विभाग, उत्तराखंड सरकार

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 identity, 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.
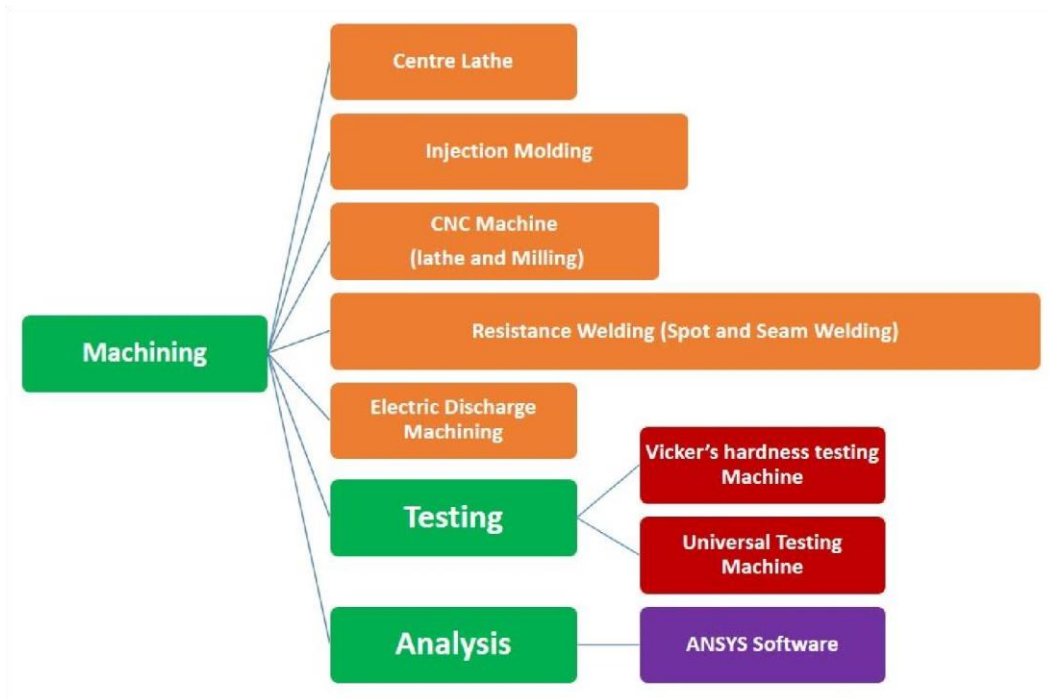
Fig.8 Department of Mechanical Engineering Lab Layout

Department of Mechanical Engineering successfully installed Automobile Lab. funded under TEQIP-III, this Lab enhances the practical knowledge of students related to engine and their parts. A CAD-Lab is setup in which student design their computational design of model and analysis.

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.
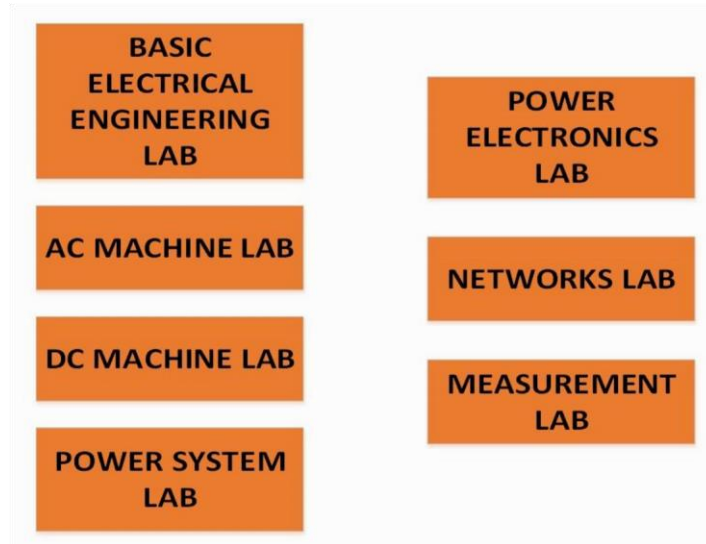
Fig.10 Flowchart of Department of Electrical Engineering Lab

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.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, yparameter, 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- 134
- ✓

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 Computer Science and Engineering 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.

Fig.16 Vision and Mission of Center for Innovation, Design and Startups
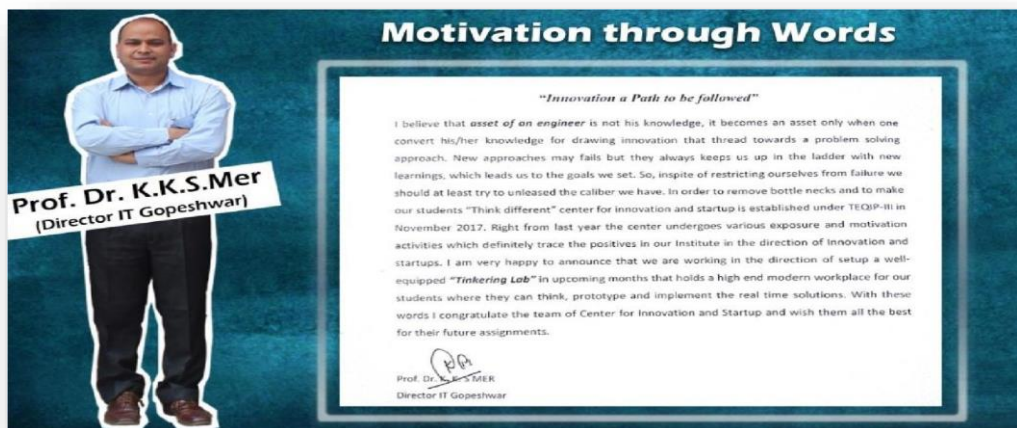
Fig.17 Words from Director's Desk

3.2 Recent Events Organized and Participated

a) **Smart India Hackathon 2020-:** The registration for SIH-2020 was started in January 2020, in which total 07 teams have participated out of these 01 team is selected for the "GRAND FINALE", Each team comprises of 6 students the entire event was coordinated by Mr. Abhishek Chauhan Assistant professor, Dept. of EE Deputed as SPOC member for the same.

S.NO	Team Name	PSID	Department /Ministry	Problem statement	Students	Edition	Branch
1	ERROR	AK12	AIRPORTS AUTHORITY OF INDIA	A mobile based inventory management system using QR code application.	Sunil Kandpal +(5 students)	SOFTWARE	CSE+EE
2	SANKALP	CK107	DRDO	Video based dynamic human authentication system for access control	Kartik Verma +(5 students)	SOFTWARE	CSE+EE
3	ESAVIOUR	CK116	DRDO	Tool to recover flash memory data.	Animay Tiwari +(5 students)	SOFTWARE	CSE+ECE
4	PAHADICO	MK91	Gov. Of Uttarakhand	Primary health care in remote areas using cloud medicine and dignoastic services	Anubhav Sharma +(5 students)	SOFTWARE	CSE+EE +CE+ECE
5	ENVI-HOLDER	NM394	-	-	Yuvraj Verma +(5 students)	-	CSE+EE
6	ALPHA WARRIORS	MK102	Gov. Of Uttarakhand	Restoring of transportation system in the hilly areas of Uttarakhand during peak season	Shaswat Gupta +(5 students)	HARDWARE	CSE+EE +CE

S. N O	Team Name	PSID	Department /Ministry	Problem statement	Students	Edition	Branch
7	MOTION MAKERS	IC460	-	-	Sonu Deshwal +(5 students)	-	CSE+EE

c) **Events notifications and achievements on Facebook Page**

IIC Institute of Technology Gopeshwar
Aug 3, 2020 · 🌐

CONGRATULATIONS TO PARIKSHIT AND SHIVAM......

Institute of Technology Gopeshwar
Jul 31, 2020 · 🌐

Institute is happy to share that our final year students, shivam pandey and parikchit saini developed a online plateform with the help of district ad... See More

IIC Institute of Technology Gopeshwar is at **Government Institute of Technology, Gopeshwar**.
Jul 29, 2020 · 🌐

We are very happy to announce that ""CENTER FOR INNOVATION DESIGN AND STARTUP", installed a state of art "Laser Engraving and Cutting tool" facility a... See More

IIC Institute of Technology Gopeshwar updated their status.
May 14, 2020 · 🌐

It's really a matter of immense happiness for us to intimate that Center for Innovation Design and Startup along with Department of Mechanical Engineering, in the guidance of our respected Director sir and positive support of Institute's Staff and Faculty Members, successfully designed and implemented "3D printed FACE SHIELD" for Medical staff and "FOOT OPERATED SANITIZER DISPENSING MACHINE".
We convey our thanks to AUTO-ABODE for design support.
We are in the process of scaling up these things in the near future.
Thanks.
#indiafightscorona #coronawarriors #makeinindia #ITGopeshwar
MHRD, Shastri Bhawan, New Delhi MHRD's Innovation Cell Presi... See More

IIC Institute of Technology Gopeshwar
May 20, 2020 · 🌐

WE ARE IN THE PROCESS OF ORGANISING AN INTERNATIONAL CONFERENCE IN UPCOMING MONTHS, REQUEST YOU, PEOPLE, KINDLY PARTICIPATE WITH NEW INNOVATIONS...

Vishwanath Bijalwan is with **Himanshu Bartwal** and **29 others**.
May 19, 2020 · 🌐

Call for papers :
We are delighted to intimate you that INSTITUTE OF TECHNOLOGY GOPESHWAR, Uttarakhand INDIA, is organizing an IEEE sponsored International Conference on Integrated Intelligence enabled Networks and Computing – 2020 (IIENC–2020) during September 05-07, 2020. Original research papers are invited in different tracks of IIENC–2020 list... See More

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IIC Institute of Technology Gopeshwar

Jun 25, 2020 · 🌐

It's really a matter of immense happiness for us to announce that "CENTER FOR INNOVATION DESIGN AND STARTUP", manufactured its second model of "UV LAV...

See More

3.3 Unnat Bharat Abhiyan

Unnat Bharat Abhiyan 2

UBA ITG Team has done detailed household survey of village Bandwara on dated 28 Dec 2018 and. Detailed discussion was carried out with Gram Pradhan and Sarpanch about the village problems and their plans for the developments Visited Primary School (lighting and black board facility are not so good) also interacted with public, youth of different cast (OBC,SC and others) and discuss Water Problem in Village no proper water management and depend only natural source.

MEDICAL AND EDUCATIONAL CAMPAIGN IN VILLAGE KATHOUD.

The main objectives of the work to be carried out by the ITG (Institute of technology Gopeshwar) team in this village is providing the students with educational kits and making them aware about new technologies and improvements by our Honourable Director Sir. Discussion of how students in village should organize their career path. Like which education institute to join. And guide them how to get into higher educational institutes. Also make discussion of how to battle the fear of COVID-19, and what appropriate measures to take.

MEDICAL CHECKUP AND **PROVIDING EDUCATIONAL KITS TO STUDENTS**

Our Institute organised a medical camp for the people of the village to assist them with their health and medical needs. Medical services are essential for everyone, and there should not be any barrier for anyone. Our institute provided people with medical supplies: like Hand sanitizers, Dettol Anti-septic liquids, Medicines for mild cold or fever, Sanitary pads, Bandages, Blood pressure check-ups.

Fig 23 Faculty Members discuss problems with village administrations

Students and children were provided with educational kits and classroom accessories which included stationary kits and books. Books and writing materials were also provided to needy students and children

3.4 Swayam (NPTEL)

Institute have NPTEL Local chapter since 2017, and in academic year 2019-20 there are about 28 successful certifications are observed. Students as well as faculty members are also go through various courses,

3.5 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.

As in the time of corona virus spread in all over the world due to this there are millions of death in the world because of this so many preventive inventions designed and in process of patents such as

a) "A structure for a liquid dispenser " based on hand sanitizer without touching sanitation material(sanitizer bottle or hand wash bottle).
   Name of the inventor
   i)   Mr. Sandeep Kandwal
   ii)   Prof. Krishnkant singh Mer

   Patent no. 202011033698 Dated: 06/08/2020 which is under process.

b) **Product 1:** *20-Watt Smart UV Sanitization Chamber for Offices and Shops*

   Features and Control:

✓ A 260 nm and 20-Watt UVC light is used for disinfecting things like documents, wallet, mobile phones, vegetables, pantry items and apparels on which the spray of disinfectant is not possible.

✓ Voice Control

✓ Control remotely through internet and time of ON/OFF can also be controlled remotely.

✓ Take about 35-60 second cycles for disinfection.

3D Design and the Actual Product
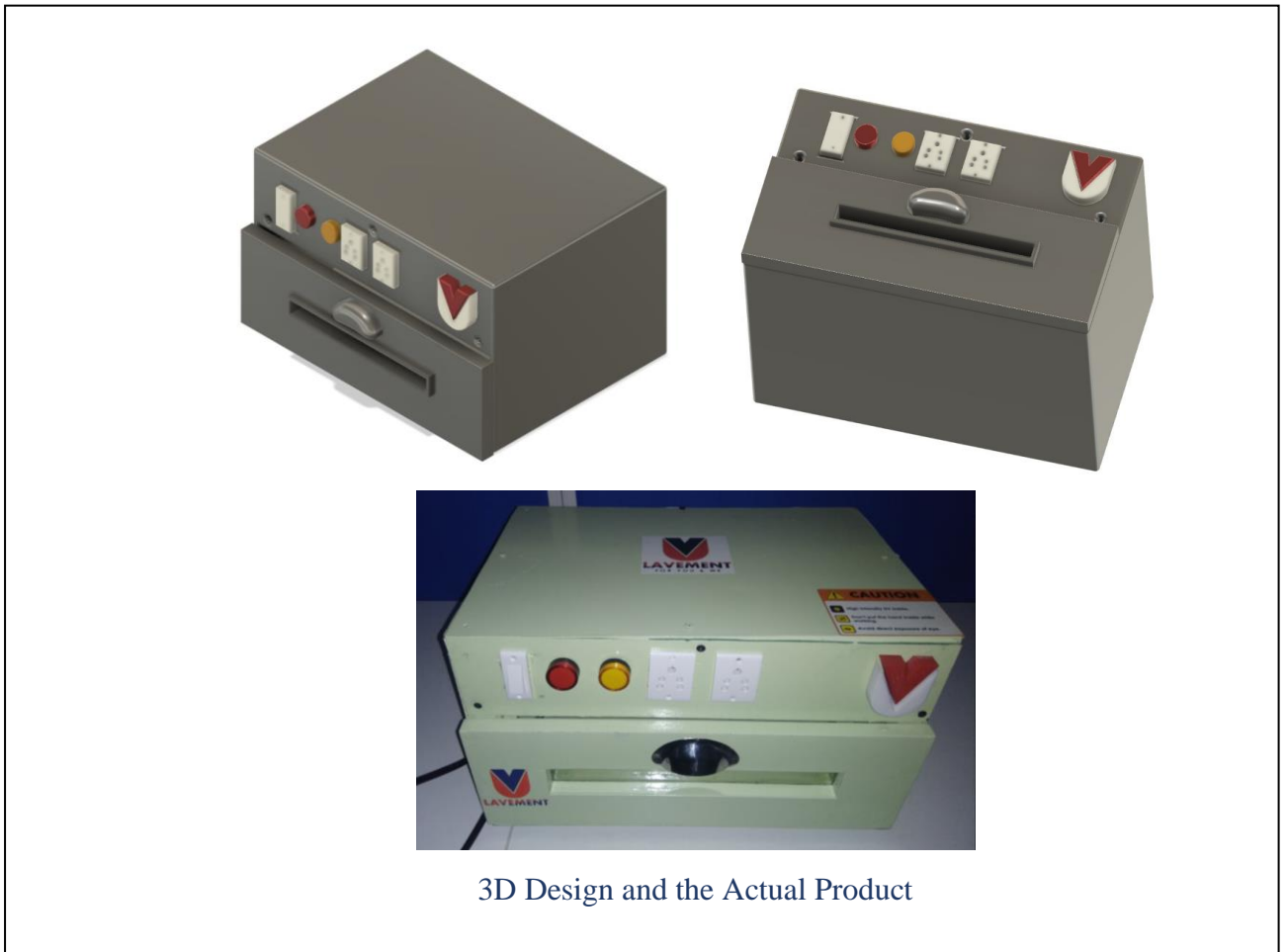
c) **Product 2:** *120-Watt 40 Liters UV Sanitization Chamber*

Features and Control:

✓ A timing circuit is added in the product, with which the time can be
adjusted as per the UV dosage required.

✓ Safety switch is employed on the door, with which if accidently the user
opens the chamber during working cycle, it automatically trips the
chamber, and after closing the chamber the cycle starts from where it left.

✓ A large capacity chamber for large goods, with 360-degree UV projection.
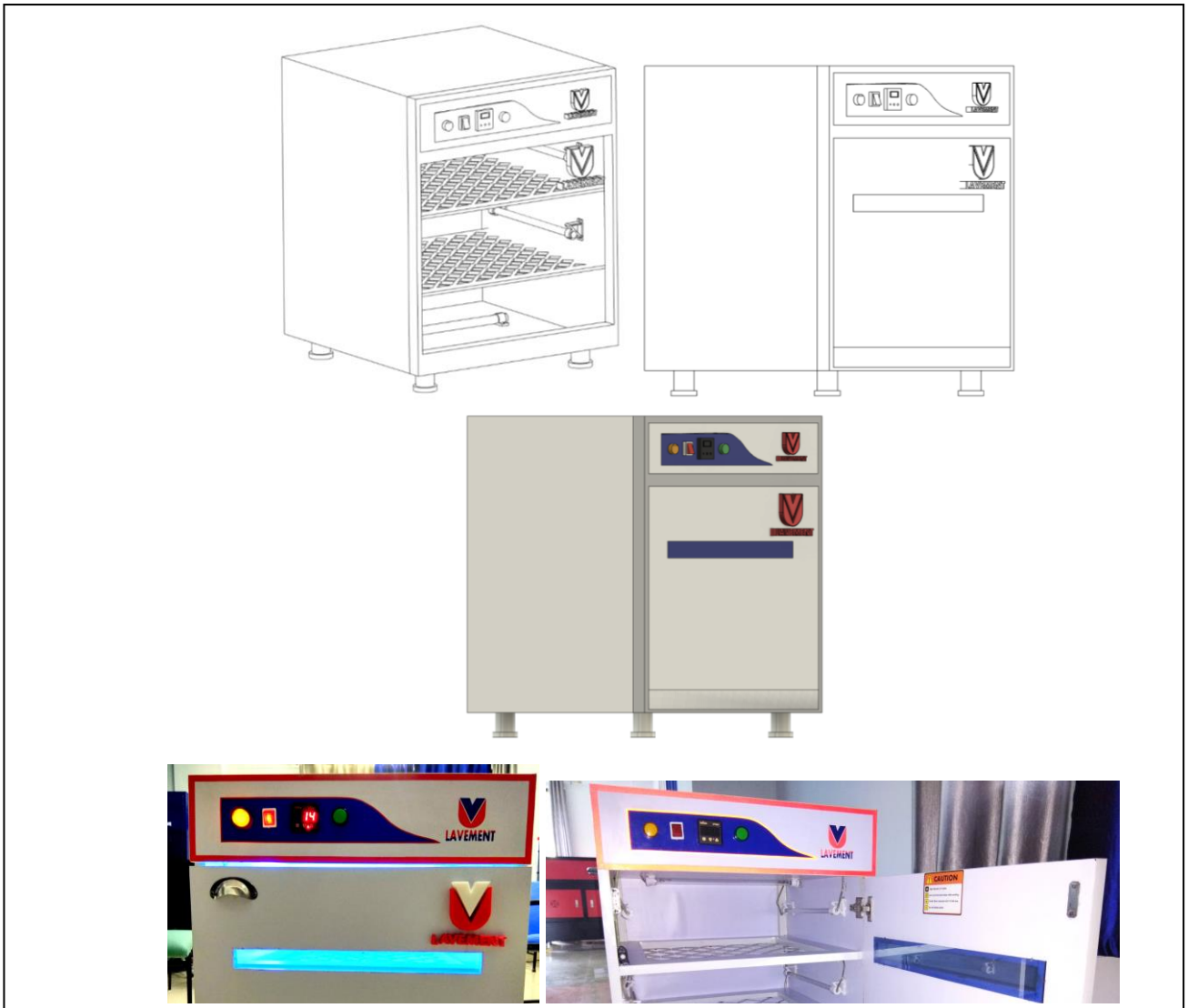
d) **Product 4:** *Low cost Face Shield*

Features:

✓ Low cost spill proof face shield.

✓ Can be recycle and reuse after disinfection.

Actual Product Manufactured

(About 1600 Face shields are supplied free of cost to the Hospitals, Quarantine Centers and State Disaster Wing)

Applications under Intellectual Property Rights:

The institute also taken this forward under IPR and applied for trademark and design registration.

1. TRADEMARK REGISTRATION OF UV CHAMBER

   Trade Name: UV LAVEMENT

   Class: 9

   Application Number: 4571163

2. DESIGN REGISTARTION OF UV CHAMBER

   Class: 10

   Application Number: 331145-001

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.
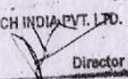
1. MoU between INSTITUTE OF TECHNOLOGY, GOPESHWAR And AdvanceTech India Pvt. Ltd'

In WITNESS WHERE OF, the parties here to have executed this MOU in their corporate names by their respective officers duly authorized, on the respective dates hereinafter mentioned.

DATE : 20.12.2019

SIGNATURE:

For ADVANCETECH INDIA PVT. LTD.

Director

Mr. Arvind Dixit
DIRECTOR
AdvanceTech India Pvt. Ltd.,
Zirakpur (Punjab)

_____
Name, Position, and Organization/Industry

DATE: 20/12/2019

SIGNATURE:

DR. K.K.S MER
DIRECTOR
Institute of Technology, Gopeshwar
(A Constituent Institute of UTU, Dehradun)
(Government of Uttarakhand

_____
Name, Position, and College

2. Mou between National Institute of Electronics & Information Technology((NIELIT) Haridwar an autonomous scientific society under Ministry of Electronics & Information Technology (MeitY), Government of India, and Institute of Technology Gopeshwar Chamoli hereinafter called "IT-GOPESHWAR.

In witness where of the Parties have here into set and subscribed the hands and seals on the date month and year first above written.

For and on Behalf of NIELIT-HARIDWAR	For and on Behalf of IT-GOPESHWAR Haridwar
(Signature of Authorized Signatory of NIELIT-HARIDWAR) Director in Charge NIELIT, Centre Sidcul, Haridwar Stamp:	(Signature of Authorized Signatory of IT-GOPESHWAR) Stamp:
Witness 1: Sanyam Rathor Signature: Name: SANYAM RATHOR Address: NIELIT Haridwar City: Haridwar	Witness 2: SANDEEP KANDWAL Signature: Name: Address: IT GOPESHWAR City: CHAMOLI

4.2 Internship Cell and Internship to Students

This is to certify that 205 out of 205 **(100 %)** students have undergone Internship in Industry during the Academic Year 2019-20. Following is the list of students:

S. No.	NAME OF THE STUDENT	BRANCH	INDUSTRY NAME WITH LOCATION	DURATION (IN DAYS)
1	ABHISHEK KHATRI	CE	PWD POKHRI	30 DAYS
2	ABHISHEK RANJAN	CE	ROAD SUB DIVISION, HAJIPUR	30 DAYS
3	ABHISHEK RAWAT	CE	PWD GOPESHWAR	31 DAYS
4	ABHISHEK REWARI	CE	RWD PAURI	30 DAYS
5	ABHISHEK VERMA	CE	PWD RUDRAPUR	30 DAYS

6	AJAY SINGH	CE	PWD POKHRI	30 DAYS
7	AJAY SINGH NEGI	CE	PWD GOPESHWAR	30 DAYS
8	AMIT BHANDARI	CE	NTPC JOSHIMATH	30 DAYS
9	ANJALI KHALI	CE	PWD GOPESHWAR	42 DAYS
10	ANKIT BHARTI	CE	IRI ROORKEE	28 DAYS
11	ANKIT KUMAR	CE	PWD GOPESHWAR	30 DAYS
12	ANKIT RATHOR	CE	PWD GOPESHWAR	30 DAYS
13	ANURAG	CE	PWD POKHRI	30 DAYS
14	AYUSH MAMGAIN	CE	PWD GOPESHWAR	31 DAYS
15	BHANU PRATAP SINGH	CE	PWD POKHRI	30 DAYS
16	DEEPAK RAM	CE	PWD GOPESHWAR	30 DAYS
17	DEVASHISH RAWAT	CE	PWD GOPESHWAR	30 DAYS
18	DISHANT BADHANI	CE	PWD DEHRADUN	30 DAYS
19	GAURAV PANDEY	CE	PWD ALMORA	28 DAYS
20	GIRISH SHARMA	CE	IRRIGATION DEPT. CHAMOLI	30 DAYS
21	HEM CHANDRA BHATT	CE	PWD GOPESHWAR	30 DAYS
22	HIMANSHU BIJLWAN	CE	DOON CANAL IRRIGATION DEPT. DEHRADUN	28 DAYS
23	HIMANSHU SINGH	CE	PWD GOPESHWAR	30 DAYS
24	KALPAT SINGH	CE	PWD GOPESHWAR	30 DAYS
25	KAMAL	CE	THDC PIPALKOTI	30 DAYS
26	KAMAL CHAUHAN	CE	CPWD CHAKRATA	30 DAYS

27	KM MANISHA	CE	PWD GOPESHWAR	30 DAYS
28	KM PRIYANKA BORA	CE	PWD ALMORA	30 DAYS
29	MANMOHIT SINGH	CE	NPCC	30 DAYS
30	MANOJ SINGH	CE	PWD POKHRI	30 DAYS
31	MANSI BHANDARI	CE	PWD GOPESHWAR	31 DAYS
32	MOHIT RAWAT	CE	JAYPEE VISHNUPRAYAG HYDRO ELECTRIC PLANT	30 DAYS
33	NITIN JOSHI	CE	THDC PIPALKOTI	30 DAYS
34	PANKAJ KUMAR	CE	PWD ROORKEE	30 DAYS
35	PANKAJ NEGI	CE	RITWIK PROJECT PVT. LTD. TAPOVAN	30 DAYS
36	PAWAN SINGH	CE	IIT KANPUR	42 DAYS
37	PRANSHUL BIJALWAN	CE	DOON CANAL IRRIGATION DEPT. DEHRADUN	30 DAYS
38	RAHUL RAI	CE	PWD GOPESHWAR	30 DAYS
39	RAHUL SHAILANI	CE	PWD GOPESHWAR	28 DAYS
40	RAJAT RAWAT	CE	PWD GOPESHWAR	30 DAYS
41	RAVI PRAKASH KANKPLA	CE	PWD GOPESHWAR	30 DAYS
42	ROHIT KUMAR	CE	PWD GOPESHWAR	42 DAYS
43	SANDEEP KUMAR	CE	PWD SRINAGAR GARHWAL	28 DAYS
44	SANGAM CHAUDHARY	CE	IRRIGATION DEPT. CHAMOLI	30 DAYS
45	SAURABH BIJALWAN	CE	PMGSVY UTTARKASHI	30 DAYS

46	SHIVANG KUDIYAL	CE	DOON CANAL IRRIGATION DEPT. DEHRADUN	42 DAYS
47	SHUBHAM CHAUHAN	CE	RWD KARANPRAYAG	28 DAYS
48	TANUJ MASIWAL	CE	THDC PIPALKOTI	30 DAYS
49	UPENDRA KUMAR	CE	PWD SRINAGAR GARHWAL	28 DAYS
50	VAIBHAV RAWAT	CE	PWD GOPESHWAR	30 DAYS
51	VIJENDRA SINGH	CE	THDC PIPALKOTI	42 DAYS
52	VIKAS SINGH	CE	PWD GOPESHWAR	30 DAYS
53	SAURABH KANT	CE	PWD GOPESHWAR	42 DAYS
54	AJAY CHANDRA	CE	PWD GOPESHWAR	30 DAYS
55	AMIT SINGH RAWAT	CE	PWD PAURI	30 DAYS
56	ANKUR SAINI	CE	IRI ROORKEE	30 DAYS
57	GAURAV BIJALWAN	CE	DOON CANAL IRRIGATION DEPT. DEHRADUN	30 DAYS
58	GAURAV SATI	CE	RWD KARANPRAYAG	28 DAYS
59	HIMANSHU NAUTIYAL	CE	PWD KARANPRAYAG	30 DAYS
60	JAYA CHOPRA	CE	PWD DEHRADUN	28 DAYS
61	MAHESH CHANDRA MISHRA	CE	IRRIGATION DEPT. CHAMOLI	28 DAYS
62	MONAL TOPAL	CE	PWD KARANPRAYAG	30 DAYS
63	NEERAJ SUYAL	CE	IRRIGATION DEPT. CHAMOLI	30 DAYS
64	PANKAJ BANGARI	CE	PWD GOPESHWAR	30 DAYS
65	RAJANI RANA	CE	NTPC JOSHIMATH	28 DAYS

66	SHAILESH KRISHNA	CE	PWD GOPESHWAR	31 DAYS
67	SHUBHAM UPADHYAY	CE	PWD PITHORAGARH	28 DAYS
68	SOURAV UNIYAL	CE	PWD UTTARKASHI	28 DAYS
69	SUMIT PATEL	CE	IRI ROORKEE	30 DAYS
70	VIVEK SINGH CHAUHAN	CE	PWD UTTARKASHI	30 DAYS
71	ANJALI NEGI	CSE	CETPA INFOTECH NOIDA	42 DAYS
72	ASHISH SINGH NEGI	CSE	UIET KURUKSHETRA	28 DAYS
73	ASHUTOSH RAWAT	CSE	CETPA INFOTECH NOIDA	42 DAYS
74	BHAWESH SANWAL	CSE	UIET KURUKSHETRA	28 DAYS
75	DEEPANSHU BISHT	CSE	CETPA INFOTECH NOIDA	42 DAYS
76	DIXIT JHINKWAN	CSE	CETPA INFOTECH NOIDA	42 DAYS
77	GAURAV UNIYAL	CSE	M.I.S INFOTECH	56 DAYS
78	GEETIKA RAWAT	CSE	NIELIT NEW DELHI	42 DAYS
79	JAIDEEP SINGH	CSE	CETPA INFOTECH NOIDA	42 DAYS
80	KM ANJALI KUKRETI	CSE	QUALTECH CONSULTANTS PVT. LTD. DELHI	30 DAYS
81	KRISHANU SHARMA	CSE	CORPORATE SEISMIC DATA REPOSITORY SYSTEM	30 DAYS
82	KULDEEP CHAUHAN	CSE	CORPORATE SEISMIC DATA REPOSITORY SYSTEM	30 DAYS
83	MOHMAD SABBAN	CSE	CETPA INFOTECH NOIDA	42 DAYS
84	MUKUL ASWAL	CSE	BRILLICA SERVICES DEHRADUN	42 DAYS

85	NAMAN PRATAP	CSE	CETPA INFOTECH NOIDA	28 DAYS
86	NIRDOSH TOMAR	CSE	My SQL , Advance JAVA	60 DAYS
87	PANKAJ BISHT	CSE	UIET KURUKSHETRA	28 DAYS
88	PARIKSHIT	CSE	UIET KURUKSHETRA	28 DAYS
89	PREET GOVIND	CSE	NIELIT NEW DELHI	42 DAYS
90	RAHUL DOSAD	CSE	CETPA INFOTECH NOIDA	42 DAYS
91	RAHUL MEHRA	CSE	CETPA INFOTECH NOIDA	42 DAYS
92	RAHUL SINGH NEGI	CSE	NETWORK BULLS	60 DAYS
93	RAKSHIT SINGH ASWAL	CSE	ANDROID APPLICATION	30 DAYS
94	RUDRAKSH CHATURVEDI	CSE	CAMPUS MANUFACTURERS PVT. LTD. DEHRADUN	30 DAYS
95	SHIVAM PANDEY	CSE	TEACH TECH AND ISMRITI	42 DAYS
96	SHOBHIT YADAV	CSE	CETPA INFOTECH NOIDA	42 DAYS
97	SHUBHAM THAPLIYAL	CSE	CETPA INFOTECH NOIDA	42 DAYS
98	SURAJ SINGH	CSE	PYTHON	30 DAYS
99	SURBHI KUKRETI	CSE	CETPA INFOTECH NOIDA	42 DAYS
100	TANYA KORANGA	CSE	QUALTECH CONSULTANTS PVT. LTD. DELHI	30 DAYS
101	TUSHAR PANWAR	CSE	NA	NA
102	VIDHI PUROHIT	CSE	NIELIT NEW DELHI	42 DAYS
103	VIMAL BELWAL	CSE	UIET KURUKSHETRA	28 DAYS
104	BHANU NAITHANI	CSE	TEACH TECH AND ISMRITI	42 DAYS

105	HIMANSHU LATWAL	CSE	UIET KURUKSHETRA	28 DAYS
106	KM. JYOTI	CSE	ENSINO RESEARCH AND DEVELOPMENT	42 DAYS
107	NAVEEN PRASAD	CSE	CETPA INFOTECH NOIDA	42 DAYS
108	PREETY CHAUHAN	CSE	CETPA INFOTECH NOIDA	42 DAYS
109	RAJAT VERMA	CSE	CETPA INFOTECH NOIDA	42 DAYS
110	RESHABH DEWARI	CSE	CETPA INFOTECH NOIDA	42 DAYS
111	SHIVANI BUTOLA	CSE	MADRID SOFTWARE TRAINING SOLUTIONS, NEW DELHI	90 DAYS
112	SUNIL KANDPAL	CSE	CETPA INFOTECH NOIDA	42 DAYS
113	ADITYA KUMARYADAV	EE	CENTURY PULP AND PAPERS	31 DAYS
114	ANUJ SINGH	EE	JAYPRAKASH HYDRO POWER PLANT	30 DAYS
115	ASHISH KUMAR	EE	AHPCL	30 DAYS
116	AYUSH KAPADWAL	EE	BHEL HARIDWAR	30 DAYS
117	DEVESH MEHRA	EE	UPCL RANIKHET	28 DAYS
118	DEVYANI KATHAIT	EE	BHEL HARIDWAR	30 DAYS
119	HARSH YADAV	EE	BHEL HARIDWAR	30 DAYS
120	JAYANT KUMAR	EE	BHEL HARIDWAR	30 DAYS
121	JITESH PANDEY	EE	UPCL RANIKHET	30 DAYS
122	NEERAJ KHANDURI	EE	PTCUL	30 DAYS
123	PAWAN	EE	DIVISIONAL ELECTRICAL ENGINEER (NORTHERN RAILWAYS)	48 DAYS
124	PRACHI KOTHIYAL	EE	BHEL HARIDWAR	30 DAYS

125	RAVINDER SINGH BISHT	EE	BHEL HARIDWAR	31 DAYS
126	ROHIT SINGH NEGI	EE	CHAMOLI HYDRO POWER PVT. LTD.	31 DAYS
127	SAKET DURGAPAL	EE	ESTER IND. LTD. KHATIMA	30 DAYS
128	SANTOSH SHAH	EE	SUBSTATION KOTHIYAL SAIN CHAMOLI	28 DAYS
129	SHAINKEE PAL	EE	BHEL HARIDWAR	30 DAYS
130	SONU DESHWAL	EE	ELECTRICITY DISTRIBUTION DIV. GOPESHWAR	31 DAYS
131	SUMIT JOSHI	EE	NHPC LTD. TANAKPUR POWER STATION	30 DAYS
132	TEJPAL SINGH NEGI	EE	UPCL	28 DAYS
133	VIKASH PANWAR	EE	PTCUL SRINAGAR	31 DAYS
134	VIMAL SINGH	EE	BHEL HARIDWAR	30 DAYS
135	VIVEK SINGH RAWAT	EE	CHAMOLI HYDRO POWER PVT. LTD.	30 DAYS
136	ABHISHEK SEMWAL	EE	OPTO ELECTRONIC FACTORY	28 DAYS
137	ASHUTOSH CHAUHAN	EE	BHEL HARIDWAR	30 DAYS
138	JITENDRA SINGH GHUGHITYAL	EE	UPCL	30 DAYS
139	NIDHI	EE	BHEL HARIDWAR	30 DAYS
140	PANKAJ DHOUNDIYAL	EE	BHEL HARIDWAR	30 DAYS
141	RAHUL SINGH NEGI	EE	PTCUL SRINAGAR	30 DAYS
142	SUNIL KUMAR	EE	UPCL	28 DAYS

143	VISHNU NAUDIYAL	EE	PTCUL SRINAGAR	30 DAYS
144	ANOOP RANA	EE	PTCUL SRINAGAR	30 DAYS
145	DIKSHAY PANDEY	ECE	IIIT ALLAHABAD	30 DAYS
146	GAURAV	ECE	IIIT ALLAHABAD	30 DAYS
147	KAMLESH JOSHI	ECE	IIIT ALLAHABAD	30 DAYS
148	KM LAXMI BELWAL	ECE	UPCL RANIKHET	30 DAYS
149	PUSHKAR PARGAIN	ECE	IIIT ALLAHABAD	30 DAYS
150	RAJENDRA SINGH RANA	ECE	IIIT ALLAHABAD	30 DAYS
151	SAURABH BHATT	ECE	IIIT ALLAHABAD	30 DAYS
152	VINAY RONKLEY	ECE	IIIT ALLAHABAD	30 DAYS
153	KESHAR SINGH	ECE	IIIT ALLAHABAD	30 DAYS
154	MOKSHA SHUKLA	ECE	IIIT ALLAHABAD	30 DAYS
155	SUBHAM DIMRI	ECE	IIIT ALLAHABAD	30 DAYS
156	ABHISHEK GUPTA	ME	UTC KATHGODAM	28 DAYS
157	AKSHAY KUMAR SAHNI	ME	UPSRTC GORAKHPUR	30 DAYS
158	ANJAL KUMAR	ME	UTC DEHRADUN	28 DAYS
159	ANKIT SINGH	ME	UTC DEHRADUN	28 DAYS
160	ASHISH MANRAL	ME	CETPA DEHRADUN	28 DAYS
161	ATUL RANA	ME	MAHINDRA DDPM CHAMOLI	30 DAYS
162	AVENISH SINGH SAUNRIYAL	ME	MAHINDRA DDPM CHAMOLI	31 DAYS
163	BHAVESH SURIYA	ME	UTC KATHGODAM	28 DAYS

164	CHANDAN KUMAR	ME	UTC ALMORA	30 DAYS
165	DEEPAK JOSHI	ME	AIR INDIA LTD. DELHI	28 DAYS
166	DEEPENDRA SINGH NEGI	ME	UTC KATHGODAM	30 DAYS
167	DHARMENDER SINGH	ME	UTC DEHRADUN	28 DAYS
168	DHRUV KANDARI	ME	BHEL HARIDWAR	30 DAYS
169	HARISH KUMAR	ME	UTC DEHRADUN	30 DAYS
170	JAYDEEP BISWAS	ME	UTC DEHRADUN	28 DAYS
171	MOHIT BHATT	ME	CENTURY PULP & PAPER MILL LALKUAN	28 DAYS
172	MOHIT KUMAR	ME	BHEL HARIDWAR	30 DAYS
173	NADEEM AHMED	ME	BHEL HARIDWAR	30 DAYS
174	NEELESH GODIYAL	ME	UTC DEHRADUN	30 DAYS
175	NEERAJ	ME	PWD THARALI	30 DAYS
176	PANKAJ SINGH	ME	UTC DEHRADUN	28 DAYS
177	PRAKASH SINGH KHAWASH	ME	CETPA SRINAGAR	28 DAYS
178	PRASHANT KUMAR	ME	IIP DEHRADUN	30 DAYS
179	PRASHANT NEGI	ME	MAHINDRA DDPM CHAMOLI	28 DAYS
180	PRATEEK RAUTHAN	ME	ITC HARIDWAR	30 DAYS
181	PRIYANSHU SUYAL	ME	SAI SUPREME MANUFACTURING PVT. LTD.	30 DAYS
182	PUSHPENDRA RAWAT	ME	UTC DEHRADUN	28 DAYS
183	RACHIT CHAUDHARY	ME	ESTC RAMNAGAR	28 DAYS

184	RAKESH KUMAR BHARTI	ME	CENTURY PULP & PAPER MILL LALKUAN	30 DAYS
185	RAMANUJ KUMAR	ME	UPSRTC GORAKHPUR	30 DAYS
186	RITIK SHARMA	ME	UTC KATHGODAM	30 DAYS
187	SABIR	ME	UTC DEHRADUN	28 DAYS
188	SACHIN FARSWAN	ME	RITHWIK PVT. LTD. NTPC	30 DAYS
189	SACHIN SAJWAN	ME	CETPA SRINAGAR	28 DAYS
190	SACHIN SINGH RANA	ME	RITHWIK PVT. LTD. NTPC	31 DAYS
191	SHUBHAM SATI	ME	MAHINDRA DDPM CHAMOLI	31 DAYS
192	SOMESH RATHORE	ME	BHEL HARIDWAR	30 DAYS
193	SHUBHAM BIJALWAN	ME	UTC DEHRADUN	28 DAYS
194	VIRENDRA SINGH NABIYAL	ME	INDIAN RAILWAY DELHI	28 DAYS
195	VIVEK TRIPATHI	ME	ENSINO DEHRADUN	28 DAYS
196	YAGYESH RANJAN SINGH	ME	CENTURY PULP & PAPER MILL LALKUAN	30 DAYS
197	YOGESH BHASKAR	ME	CETPA DEHRADUN	28 DAYS
198	YOGESH RANA	ME	UTC DEHRADUN	28 DAYS
199	ALOK RAWAT	ME	CETPA DEHRADUN	28 DAYS
200	BHUWAN CHANDRA TARADIYA	ME	UTC DEHRADUN	28 DAYS
201	CHANDRA PRAKASH	ME	MAHINDRA DDPM CHAMOLI	30 DAYS
202	DHAN SINGH NEGI	ME	MAHINDRA DDPM CHAMOLI	30 DAYS
203	KAILASH JOTIAN	ME	DMW PATIALA	30 DAYS

| 204 | KRISHNA KUMAR | ME | UTC DEHRADUN | 28 DAYS |
| 205 | RAHUL NEGI | ME | AUTODESK DEHRADUN | 45 DAYS |

4.3 Campus Placements

a) **Company Name:** Midriff Indo Solution Pvt.Ltd

www.midriffinfosolution.org is an IT brand. It is located in Chandigarh, India and delivering digital services at the global level. Company established their services base in the year 2011, with the objective to deliver satisfactory outsourcing services to the clients at Domestic and Global level. With their five years of exposure to various technologies and internet-based solutions, we succeeded to develop a trusted relationship with our clients.

S. No	Candidate Name	Branch
1	Vinay kumar	CSE
2	Anjali	CSE
3	Sunil Kandpal	CSE
4	Preet Govind	CSE
5	Dixit Jhinkwan	CSE
6	Shivam Pandey	CSE
7	Rishabh	CSE
8	Parikshit Kala	CSE
9	Preety Chauhan	CSE
10	Geetika	CSE
11	Mohd. Sabban	CSE
12	Sunil Kumar	CSE
13	Mukul	CSE
14	Rahul	CSE
15	Bhawesh	CSE
16	Naveen Prasad	CSE
17	Rahul Singh Negi	CSE
18	Rajat Verma	CSE
19	Kamlesh Joshi	ECE

b) **Company Name: - Shri Badrinath Vaikalpik Urja Limited**

Saur Energy – International, an offering of Meilleur Media LLP is focused on making news and latest developments in the solar industry, and the broader renewables sector, accessible for all

S. No	Candidate Name	Branch
1.	Mohit Rawat	CE
2	Shivang Kudiyal	CE
3	Shailesh Krishna	CE
4	Mohit Kumar	CE
5	Vivek Singh Chauhan	CE
6	Atul Rana	ME

c) **Company Name:** Hema Engineering Industries Limited

The group companies hold TS 16949, ISO 9001, ISO 14001, OHSAS 18001 as well as Design Capability and NABL Certification. In 2006, Hema Group was awarded "Research & Development" certificate by the Government of India. The group has number of units in India covering from Haridwar in Uttrakhand to Hosur in Tamilnadu with its corporate office in Gurgaon. Chandresh Jajoo, Managing Director, Hema Engineering Industries.Hema Group has the distinction of being the first Indian company to start a Greenfield manufacturing facility in Bosnia and Herzegovina.

S. No	Candidate Name	Branch
1.	Yogesh Bhasker	ME
2.	Harish Kumar	ME
3.	Vivek Tripathi	ME
4.	Prakash Singh Khwash	ME

d) **Company Name: - Indo Farm Equipment Limited Solan HP**

S. No	Candidate Name	Branch
1.	Neeraj	ME
2.	Sachin Sajwan	ME
3.	Virendra Singh Nabiyal	ME
4.	Sabir	ME
5.	Shubham Bijalwan	ME
6.	Pakaj Singh	ME
7.	Prashant Negi	ME
8.	Vivek Tripathi	ME
9.	Prakash Singh Khawash	ME

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

As per point no. E2 for TEQIP Performance audit, this is to be certified that 25 out of 32 (**78.13 %**) faculty members have attended various trainings under TEQIP-III, during the Academic year 2019-20.

Name of the Faculty/Staff	Training Venue	Duration
Mr. Neeraj Gupta	IIT Delhi	

Antenna Design Fabrication		
Name of the Faculty/Staff	Training Venue	Duration
Dr. Gaurav Upadhyay	IIT BHU	

Orientation Workshop for PLS		
Name of the Faculty/Staff	**Training Venue**	**Duration**
Dr. Vinay Kumar Pandey		

Name of the Faculty/Staff	**Training Venue**	**Duration**
Mr. Varun Prabhakar	IIM Raipur	26-30 Aug 2019

Name of the Faculty/Staff	**Training Venue**	**Duration**
Mr. Hemant Singh Chauhan	IIM Vishakhapatnam	26-30 Aug 2019

Name of the Faculty/Staff	**Training Venue**	**Duration**
Dr. Gaurav Upadhyay	UIET Kurukshetra	

Training on ERP		
Name of Faculty/Staff	**Training Venue**	**Duration**
Abhishek Aggrawal	Delhi	

NBA Workshop		
Name of the Faculty/Staff	**Training Venue**	**Duration**
Dinesh Chauhan	Dehradun	
Ravinder Singh	Dehradun	
Jagnandan Negi	Dehradun	
Gaurav Maithani	Dehradun	

Linear Algebra and Its Application to Data Analysis		
Name of the Faculty/Staff	**Training Venue**	**Duration**
Ajay Gairola	IIT Mumbai	18-23 November 2019

Name of the Faculty/Staff	**Training Venue**	**Duration**
Dona Soman	IIM Trichy	

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Workshop on Art of Living		
Name of the Faculty/Staff	**Training Venue**	**Duration**
Mr. Vishwanath Bijalwan	Bangalore	25-27 November 2019
Mr. Pawan Kumar	Bangalore	25-27 November 2019
Mr. Abhishek Chauhan	Bangalore	25-27 November 2019
Ms. Savita	Bangalore	25-27 November 2019

STTP on Fractional Calculus: Application and Science and Engineering		
Name of the Faculty/Staff	**Training Venue**	**Duration**
Arvind Kumar	NIT Uttarakhand	16-20 December 2019
Ashutosh Biswal	NIT Uttarakhand	16-20 December 2019

NBA Visit		
Name of the Faculty/Staff	**Training Venue**	**Duration**
Pramod Benjwal	CUSAT, Cochin	24-29 February 2020
Vishwanath Bijalwan	CUSAT, Cochin	24-29 February 2020

ERP Training		
Name of the Faculty/Staff	**Training Venue**	**Duration**
Abhishek Aggarwal	IIT Khargpur	28 February 2020

IOT Workshop		
Name of the Faculty/Staff	**Training Venue**	**Duration**
Pawan Kumar	IIT Mumbai	27-31 January 2020

Dinesh Kumar	IIT Mumbai	24-28 February 2020

Workshop on Fractional Order System		
Name of the Faculty/Staff	**Training Venue**	**Duration**
Arvind Kumar	IIT, Kharagpur	15-20 February 2020

PDT Training		
Name of the Faculty/Staff	**Training Venue**	**Duration**
Arindam Sarkar	IIM Trichy	20-24 January 2020
Ashutosh Biswal	IIM Raipur	28 Jan – 1 Feb 2020
Ashutosh Pipraiya	IIM Bodhgaya	13-17 January 2020
Neeraj Gupta	IIM Trichy	20-24 January 2020

NBA Training		
Name of the Faculty/Staff	**Training Venue**	**Duration**
Ravinder Singh	Daman & Diu	27-31 January 2020
Gaurav Maithani	Daman & Diu	27-31 January 2020
Dinesh Kumar	Daman & Diu	27-31 January 2020
Suraj Singh Chand	Daman & Diu	27-31 January 2020

FDP on Machine Learning and Data Analytics using Python		
Name of the Faculty/Staff	**Training Venue**	**Duration**
Amit Panwar	IIT Roorkee	9-13 September 2019

Training on Cyber Security		
Name of the Faculty/Staff	**Training Venue**	**Duration**

Ritesh Kumar Jha	IIT Roorkee	10-21 February 2020

Training on Robotics and Automation		
Name of the Faculty/Staff	Training Venue	Duration
Neeraj Gupta	IIT Madras	17-28 February 2020
Ashutosh Biswal	IIT Kanpur	17-28 February 2020

5.2 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.

5.3 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.

5.4 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 2019- January 2020. Undermentioned students qualify the GATE examination 2020,

S.No.	Name of the Candidate	Branch	Registration number	Marks	AIR
1.	Tanya Koranga	CSE	CS20S68014014	37.67	5860
2.	Rakshit singh aswal	CSE	CS20S68014031	33.67	8537
3.	Ashish singh negi	CSE	CS20S68005143	30.67	11251
4.	Rahul Mehra	CSE	CS20S68015029	35.33	7326
5.	Vimal Belwal	CSE	CS20S68015104	32.33	9645
6.	Rudraksh Chaturvedi	CSE	CS20S68005213	28.67	13494

7.	Shivam Pandey	CSE	CS20S68030173	45.00	2989
8.	Rohit Kumar	Civil	CE20S88038042	22.63	36388
9.	Rajni Rana	Civil	CE20S78005053	35.70	14489
10.	Mahesh Chandra mishra	Civil	CE20S78015002	41.57	9810
11.	Kamal	Civil	CE20S78038130	27.56	25396
12.	Sumit Joshi	Electrical EE	EE20S58014007	34.00	13647
13.	Saket Durgapal	Electrical EE	EE20S58014125	37.67	10213
14.	Vimal Tomar	Electrical EE	EE20S58006042	49.33	3433
15.	Yogesh Bhaskar	Mechanical ME	ME20S18004091	31.73	24422

5.5 Employability Skill training

Institute of Technology Gopeshwar conducting 200 Hrs. Employability Skill Training Program for 205 students of B.Tech 4th Year under Technical Education Quality Improvement Program (TEQIP-III) from March 2019 to 3rd September 2020, aiming to improve managerial skills, communication skills, team working skills, leadership skills, and entrepreneurial skills of the 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 & was completed in 3rd September 2020 in four phases (delay due to covid-19 pandemic).

S.NO	BRANCH	1ST PHASE (HRS)	2ND PHASE(HRS)	3RDPHASE(HRS)	4TH PHASE(HRS)	TOTAL HOURS COMPLETED
1	EE	60	67.5	17.5	55	200
2	CSE	60	67.5	17.5	55	200
3	ECE	60	67.5	17.5	55	200
4	ME	60	67.5	17.5	55	200
5	CE	60	67.5	17.5	55	200

The training was conducted in 4 phase. First & second phase was conducted on offline mode while third & fourth phase was on online mode (**GO TO MEETING APP).**

 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.	AMCAT Score
1.	Gaurav Bijalwan	158470415105852	420
2.	Sabir Ansari	158470415838037	420
3.	Prtaeek Rauthan	158470415815973	260
4.	Neeraj Suyal	158470415892022	260
5.	Nitin Joshi	158470415671136	207
6.	Anjali Negi	158470415679163	153
7.	Jayant Kumar	158470415303583	260
8.	Ashish Singi Negi	158470415826043	367
9.	Neelesh Godiyal	158470415190516	420
10.	Dharmender Singh	158470415928888	260
11.	Devesh Mehra	158470415465540	260
12.	Ravinder Singh Bisht	158470415603998	367
13.	Panakaj Negi	158470415971276	153
14.	Devyani Kathait	158470415204615	260
15.	Nidhi Kunwar	158470415414820	313
16.	Chandan Kumar	158470415323786	260

17.	Deepak Joshi	158470415945672	**527**
18.	Deepak Joshi	158470415674097	**367**
19.	Preet Govind	158470415613885	**473**
20.	Gaurav Sati	158470415571436	**313**
21.	Alok Rawat	158470415921106	**313**
22.	Vimal Belwal	158470415574976	**207**
23.	Preety Chauhan	158470415355005	**207**
24.	Anjali Kukreti	158470415109957	**367**
25.	Saket Durgapal	158470415716547	**260**
26.	Harsh Yadav	158470415434717	**313**
27.	Neeraj Khanduri	158470415352350	**260**
28.	Somesh Rathore	158470415260035	**367**
29.	Ashish Kumar	158470415829919	**367**
30.	Sonu Deshwal	158470415571985	**260**
31.	Shainkee Pal	158470415422388	**367**
32.	Rajat Verma	158470415503168	**153**
33.	Shivam Pandey	158470415888604	**313**
34.	Dhruv Kandari	158470415985437	**367**
35.	Shubham Chauhan	158470415883386	**153**
36.	Shubham Upadhyay	158470415392664	**260**
37.	jyoti	158470415316278	**420**
38.	Prachi Kothiyal	158470415364649	**367**
39.	Naman Pratap	158470415391077	**207**

40.	Rakshit Singh Aswal	158470415870904	420
41.	Saurabh Bhatt	158470415897363	473
42.	Rudraksh Chaturvedi	158470415182398	207
43.	Sachin Farswan	158470415162989	207
44.	vishnu naudiyal	158470415196283	207
45.	Neeraj Singh Rawat	158470415476831	367
46.	Abhishek Gupta	158470415929467	313
47.	Mukul Aswal	158470415733026	313
48.	Mahesh Chandra Mishra	158470415367884	420
49.	Pawan Singh	158470415915979	207
50.	Shivani Butola	158470415417810	207
51.	Aditya Kumar Yadav	158470415722955	260
52.	Parikshit	158470415202143	313
53.	Bhavesh Suriya	158470415326837	313
54.	Rahul Singh Negi	158470415108698	153
55.	Sumit Joshi	158470415100893	313
56.	Sangam Chaudhary	158470415137751	207
57.	Geetika Rawat	158470415135889	260
58.	Amit	158470415433038	367
59.	Sachin Singh Rana	158470415312525	367
60.	Subham Bijalwan	158470415889947	420
61.	Tejpal Singh Negi	158470415975763	313
62.	Vinay Ronkley	158470415421900	207

63.	Vivek Tripathi	158470415871759	**153**
64.	Vidhi Purohit	158470415990289	**313**
65.	Vijendra Singh	158470415742792	**260**
66.	Ramanuj Kumar	158470415789667	**260**
67.	Yogesh Bhaskar	158470415416834	**420**
68.	Sunil Kandpal	158470415416836	**527**
69.	Mohit Rawat	158470415977227	**367**
70.	Moksha Shukla	158470415949579	**313**
71.	Abhishek Ranjan	158470415484400	**313**
72.	Pushpendra Rawat	158470415518884	**260**
73.	Ayush Kapadwal	158470415470392	**420**
74.	Ritik Sharma	158470415518030	**260**
75.	Ankur Saini	158470415261744	**260**
76.	Pankaj Bangari	158470415517816	**207**
77.	Yagyesh Ranjan Singh	158470415727869	**313**
78.	Virendra Singh Nabiyal	158470415944421	**313**
79.	Tanuj Maiwal	158470415885705	**260**
80.	Vikash Singh Panwar	158470415295557	**473**
81.	Harish Kumar	158470415612634	**207**
82.	Tanya Koranga	158470415101473	**473**
83.	Akshay Kumar Sahni	158470415100100	**207**
84.	Mohit Bhatt	158470415224970	**260**
85.	Ashish Manral	158470415103313	**207**

5.6 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:
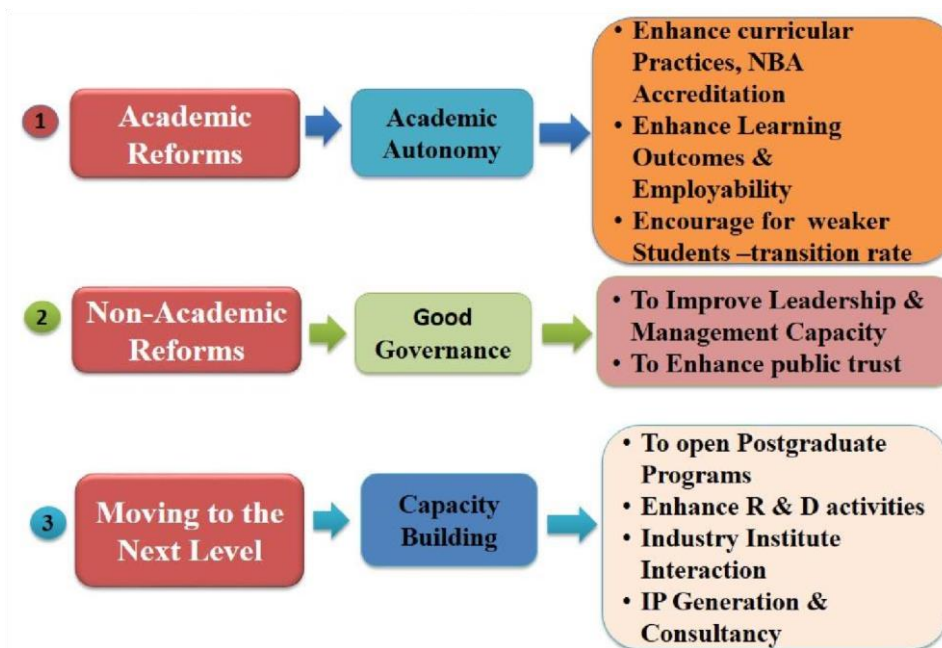

Fig. 30 Objectives of Twinning Twinning Activities

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	13th-16th 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	Twining 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	13th -15th June 2019	Director	Report on visit Director UIET with Director ITG	Report on visit Director UIET with Director ITG
15	17th -20th 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	12th-14th 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

5.7 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
Dr. Dhanesh Tiwari Professor	Head, Department of Chemistry, IIT (BHU), Varanasi, UP-221005
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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

5.8 Environment Management Framework (EMF)

The Environment Management Framework is one area in the Institute where considerable improvement have achieved in the mentioned timeframe.

The Different Focus Area of EMF is as follows

a) Drinking Water and Sanitation

Drinking water problem was rectified by purchasing Pure it water filters of 20 l capacity for every offices and departments.

For students use , water coolers have been installed in all buildings through procurement, TEQIP III.

- Quality of water stored in the overhead tank of the Institute was analysed by the Department of Civil Engineering . The Test Report was submitted to SPIU Uttarakhand on their instruction
  The Ladies toilet is equipped with a napkin vending machine and an attached incinerator for disposing off the used sanitary napkins

Water connection is enabled in the required laboratories and a drainage system for enabling the waste water disposal is adopted . The used water is well diluted for its chemical nature before disposal to ensure the durability of plumbing fixtures.

b) Barrier Free Access

All the three buildings in the campus are provided with ramps , to make it more friendly for students and others with physical limitations for movement. Toilets and classrooms are also provided on Ground Floor as per NPIU norms for accommodating such students if any.

c) Solid Waste Management

Waste bins are provided inside and outside of the building to facilitate the staff to use it.
Collected wastes are transferred to Waste bins provided by the Municipality in the locality

d) Electrical Safety

An Energy efficiency Audit is conducted by the Department of Electrical Engineering.

We have provided gloves , shoes , safety kits and other safety aids to the Electrical laboratories to ensure safety of students and staff while working on them

The campus is equipped with 4 generators (3 , of 20kVA and 1 of 50 k VA capacity) and a 250kVA Automatic Voltage Regulator for providing uninterrupted supply of power during the functional hours.

e) Laboratory Safety

All the laboratories are provided with First Aid boxes to ensure safety of health

Charts displaying the safety precautions and instructions are displayed in all laboratories in the campus

f) Fire Safety

- All the buildings and laboratories are provided with sufficient number of fire extinguishers

- A water tank is also maintained for fire fighting purpose

- Fire safety audit is conducted every year and our certificate is renewed after inspection by the Fire safety Authority

- Refilling of fire safety cylinders is done periodically and purchase of new apparatus is done as per the needs

g) Energy Conservation

- Energy Conservation was given a great priority by the Institute .administration
- The campus is lit by 24W LED, 100 V Solar Panels with 75 Ah battery

h) Water Conservation

- As the topography of the location of campus is sloping providing easy drainage of rain water there is minimal wastage of water in the campus.
- The gardeners in campus dig trenches during rains to channelize the flowing water to the gardens for irrigation purpose

i) Innovation

- For better learning atmosphere in classrooms Institute has allotted two smart classrooms for every departments.
- The overhead Projector facility in these rooms enables multimedia usage for academics
- Proper signages are installed to mark the different department offices.
- All laboratories and classrooms are provided with Vision and Mission Statements of the concerned Department.
  Innovations for Community out Reach
- The Mechanical Engineering Department has made foot operated sanitizer machines in the campus and it was presented to the district administration of Chamoli to contribute for the fight against Covid 19
- The Centre for Innovation and Start-ups have made face shields for the health care professionals of the locality in contribution to the fight against Covid 19
- The Centre for Innovation and Start-ups have made an apparatus Covid Eye which can automatically measure the body temperature
-

Fig 1.water coolers installed in the buildings

Fig 2. Waste bins in campus

Fig 3. Fire fighters installed in laboratory campus

Fig 4. First aid boxes installed inside

"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"

CONTACT US

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