



ANNUAL REPORT 2017-18

ANNUAL REPORT

2017-18



DIT University

Mussoorie-Diversion Road, Village Makkawala, Dehradun, Uttarakhand-248009, India

Phone/ Fax: +91 135 3000 300/7, 300 1500/1

Website: www.dituniversity.edu.in

Contents		
Foreword from the Chairman		4
Foreword from the Vice Chancellor		5
Foreword from the Pro-Vice Chancellor		6
Preface		7
1	INTRODUCTION	8-13
2	CENTRAL FACILITIES	14-18
3	RESEARCH & DEVELOPMENT	19-63
4	STATOTORY BODIES MEETINGS	64-67
5	CENTRAL ACTIVITIES	68-79
6	ACADEMIC COLLABORATIONS	80-82
7	STUDENT CLUB ACTIVITIES	83-88
8	STUDENTS ACHIEVEMENTS	89-92
9	RESULT ANALYSIS	93-98
10	TRAINING & PLACEMENT	99-103

Foreword from the Chairman



DIT University is set upon a mission to represent a modern, forward-looking institution, committed to becoming a beacon of knowledge in the midst of Northern India. It is matter of great pride that once again, in the year just past, DIT University has demonstrated its unique strength in adapting latest trends to build iconic careers.

Recognizing the nature of our globalized environment, DIT University seeks to reap the benefits of the continuous technological advancements to offer our students a unique cultural, scientific, and pedagogical experience that sets them apart from their colleagues and places them on the cusp of innovation and discovery.

Our vision is based on hard work, open communication, a strong emphasis on team work and a high level of responsibility. This visionary culture allows and emphasises our wards not only to adopt the present day challenges but also to take individual responsibilities for the society and our nation at large.

As the chairman of the Board of Governors, DIT University I acknowledge the contributions of Faculty and Staff for their untiring efforts to make the academic year 2017-18 significant in all respects and we continue the pursuit of excellence with dynamism.

Jai Hind

Anuj Agarwal

Foreword from the Vice Chancellor



Since its foundation in 1998, DIT is completing twenty years of excellence in the field of Higher Technical Education. We are taking this as an opportunity to look ahead to the bright future and honor the legacy of the DIT University. Over these years, the University has made a remarkable contribution in Higher Education.

The University offers Undergraduate, Postgraduate and Doctoral (Ph.D.) programmes in various branches of Engineering, Technology, Applied Sciences and Management. (B.Tech) in 6 specializations via Computer science & Engineering, Civil, Electronics

and Communication, Electrical, Mechanical and Petroleum Engineering, Bachelor of Architecture (B.Arch.) and Bachelor of Pharmacy (B.Pharm). DIT University partnered with IBM to provide specialization in several areas of CSE like Post graduate programmes in Computer Science and Engineering, Pharmacy (M. Pharm) and Ph.D. in all specializations is the hallmark of the University. Our students from various programs, also on several occasions, won laurels to their Alma-matter in National and International competitions as well as in various co-and extra-curricular activities. Students get many choices to study & got training from industry expert.

Research will always remain the focus of the university and for which the university continuously endeavoring to build an ambience suitable for fostering research and development activities. In the process of encouraging better research, this year-over 60 Research papers have been published by faculty members in various peer reviewed, SCI/SCIE journals. In order to contribute to knowledge generation and dissemination for the benefit of society at large, around 50 research papers were presented/ published in International/National conferences. Several major R&D sponsored projects by Govt. of India and DIT University are also undertaken by faculty members. Looking at the modern- contemporary world, updated knowledge is the key to success. Our challenge is to help generating ideas and to train people to fulfill the needs of the ever-demanding world. To meet these challenges we regularly, pursue Academic Collaborations, Entrepreneurship Activities and various In- house and Sponsored research programs.

The magnificence of DIT University does not end here, it is just a beginning towards the splendid future ahead. I express my deepest gratitude to our visitors, Mr. Krishna Kant Paul, Honorable Governor Uttarakhand and Mr. Trivendra Singh Rawat, Chief Minister Uttarakhand, Shri Anuj Aggarwal, Chairman Board of Governors, Members of Board of Management, and Academic Council for their guidance from time to time.

I do appreciate the endeavour of Faculty and Staff to mark 2017-18 as a noteworthy Academic year.

Jai Hind

K. K. Raina

Foreword from the Pro-Vice Chancellor



The DIT University fraternity upholds the fundamental conviction that education is a catalyst for positive change and the cornerstone for building strong, resilient and enduring communities.

The University instils a spirit of inquiry professionalism, social consciousness, and deep sense of patriotism. It provides many opportunities to grow academically, intellectually, socially and as well-rounded human beings. In the process, critical thinking is emphasized, teamwork is promoted, technology awareness is instilled, new veins of knowledge are explored, multi-cultural awareness and empathy are developed, interpersonal competencies are fostered, practical life skills are honed, and an ethical perspective woven into its fabric.

I thank all the members of the University fraternity for their invaluable contribution in this quality building exercise. I hope this momentum of growth will continue to be provided by each one of you and that the day is not far when our University is recognized as one of the topmost Universities not only in India but also internationally.

Jai Hind

S. Swaminathan

PREFACE

DIT University has completed twenty years of its excellence in Higher Education. Over these years, University consistently pursued towards imparting the updated knowledge in the field of Engineering, Sciences and Social Sciences with special thrust on the research and innovation for the industrial and social benefit. To coordinate with the demand of modern technical world, University took sustainable steps on several fronts, namely the major Academic Collaborations (with Imagine XP & Oracle University), Entrepreneurship Activities, Academic regulations, In-house and Sponsored research projects, Internships, Training & Placements, and recruitment of human resource.

The University acknowledges highly qualified and experienced faculty members for their significant contributions in teaching and research. The University offers admission in Diploma, B.Tech, B. Pharm, B. Arch, BCA, B. Des, B. Sc, BA, M. Tech, M. Pharm, MBA, MCA and PhD programs. The University has several high end teaching and research laboratories to pursue applied research and consultancies. At present, the University endures more than 60 students in the PhD program of Engineering, Applied Sciences and Humanities. The faculty members and research scholars of the University have published around 110 research papers in refereed journals, international and national conferences. The University received 76.36 Lakhs external funding from Government organizations such as DST and DRDO to carry out research projects. The University continues to initiate in designing globally competitive curriculum and embarks consistently on new areas of research with noteworthy collaborations with reputed research Organisations and Universities. Over 70 companies of different domains have visited the University to offer jobs to our students studying in various programs.

The University stakeholders are also actively involved in undertaking social initiatives for a national cause to generate awareness among poor and deprived section of society, through training and youth counselling. It is a matter of great pride to present the Annual Report of the University, which reports the academic and related achievements during the period 2017-18. The committee which prepared the report comprised of the following members:-

Dr. Anil Kumar Patil [Associate Professor, Department of ME]

Mr. S. Bhanu Prakash [Asst. Professor, Department of EECE]

Dr. Ashok Kumar [Asst. Professor, Department of CSE]

Dr. Nitin Kumar Kamboj [Asst. Professor, Department of Mathematics]

Dr. Shachi Negi [Asst. Professor, Department of Humanities]

The stock of activities reported in this Annual report entails valuable inputs of the faculty and the students. We are thankful to all the concerns for their support and cooperation.

Dr. Anil Kumar Patil
Chairperson
DITU Annual Report 2017-18

1. INTRODUCTION

1.1 VISION

- ❖ To be a world class professional University, constantly striving for excellence in education by high quality teaching in synchronization with the industry needs. To be driven by the spirit of ground breaking research and entrepreneurship. To instil in each student qualities of mind and character necessary for good citizenship and wise leadership

1.2 MISSION

- ❖ To put our students first and work responsibly with honesty, transparency and integrity to influence, inspire and nurture talent for our students, and the members of faculty and staff. To encourage creative ability and research temperament. To provide knowledge based technological services for industry and society. To synergize the teaching learning process through active interaction with industry and academia whilst embracing modern technological changes.

1.3 CORE VALUES

- ❖ Academic excellence and integrity.
- ❖ Integration of human values, ethics and professional etiquettes with teaching.
- ❖ Outstanding teaching and service. Encourage quest of life-long learning.
- ❖ Scholarly research and professional leadership.
- ❖ Inculcating global perspective in attitude.
- ❖ Appreciation of intellectual excellence and creativity.
- ❖ Sensitivity to social responsibility.

1.4 GENESIS

With a rich heritage spanning over 20+ years, DIT University (erstwhile Dehradun Institute of Technology, Dehradun), flagship of the Unison group, is famous for academic excellence through its undergraduate programs, postgraduate programs & doctoral programs. Located in peaceful and pristine Doon Valley, the University campus is away from hustle and bustle of the city which enhances concentration. The 21 acre campus provides a wealth of resources and support services to help students get the most out of their time. From first rate libraries to innovative computer technology, students have access to many tools to explore academic interests.

By combining the resources of a research focused university with a holistic approach to education, the University emphasizes on emerging technologies, innovative thinking, teamwork, entrepreneurship, overall development and the importance of partnerships and global outlook. Our students are sought after by employers and making a difference in our cities and communities for well over a decade now. The University believes in the principles of TRUST, ACCOUNTABILITY & INTEGRITY – the very cornerstone on which the foundation of this great Institution was laid. We at DIT University are forever committed to help you realize your career ambitions & unlock your true potential. A campus with over 6000 students, coached by highly distinguished faculty using the latest teaching aids, excellent hostel facilities, and a vision that drives us to ensure imparting wholesome technical education to our students, is what sets us apart from the run-of-the-mill engineering Universities spread all over the country.

1.5 MAJOR ACADEMIC DEPARTMENTS OF UNIVERSITY

- ❖ Faculty of Architecture
- ❖ Department of Chemistry
- ❖ Department of Civil Engineering
- ❖ Department of Computer Science & Engineering
- ❖ Department of Computer Applications
- ❖ Department of Electrical and Electronics & Communication Engineering
- ❖ Department of Humanities & Social Sciences
- ❖ Department of Information Technology

- ❖ Department of Mathematics
- ❖ Department of Management Studies
- ❖ Department of Mechanical Engineering
- ❖ Department of Physics
- ❖ Department of Petroleum & Energy Studies
- ❖ Faculty of Pharmacy

1.6 ACADEMIC SYSTEM

DIT University provides holistic education, enabling learning opportunities to students so that they have their own professional path. The focus is on promotion of self-learning and honing talents to ensure the all-round development amongst our students. The University empanelled some of the most competent and respected academicians from premier academic institutes like IITs, NITs and other renowned institutions as our faculty.

Faculty members are encouraged to interact with peer groups by participating in education programs and international conferences. Faculty involvement in academic, research and consultation activities leads to a significant output of publications in leading national and international journals.

The education system ensures that our students imbibe a global perspective – with opportunities to master English and other foreign languages. Limited intake in each of our programs ensures that the students get individual attention in classes and laboratories. Our faculty employs a wide range of teaching-learning methods to create a varied and holistic learning environment which has direct impact on the students' personality. Students are encouraged to actively organize and participate in various club activities and assist the Institute as responsible members of various academic committees to help impart leadership skills. DITU is a student centric university where our teaching learning process, examination and evaluation systems are standardized, transparent and stringent. The question papers are set by subject experts maintaining the sanctity of the entire process. Students have an advantage of reporting discrepancies (if any) in their respective answer sheets to the concerned department thereby making the entire process transparent.

1.7 ACADEMIC PROGRAMS

The University offers Certificate, Diploma, UG, PG and PhD programs in different Engineering and Science domains as stated under:

❖ Diploma programs

- Diploma in Pharmacy

❖ Undergraduate programs

- BArch
- BTech Civil Engineering
- BTech Computer Science & Engineering
- BTech Computer Science & Engineering with Specialization in Big Data Analytics in collaboration with IBM
- BTech Computer Science & Engineering with Specialization in Cloud Computing & Virtualization in collaboration with IBM
- BTech Computer Science & Engineering with Specialization in Cyber Security & Forensics in collaboration with IBM
- BTech Computer Science & Engineering with Specialization in IOT (Internet of Things) in association with IBM
- BTech Computer Science & Engineering with Specialization in Machine Learning
- BTech Electrical Engineering
- BTech Electronics & Communication Engineering

- BTech Information Technology
- BTech Mechanical Engineering
- BTech Mechanical Engineering with Specialization in Automobile
- BTech Petroleum Engineering
- Bachelor of Computer Applications
- Bachelor in Design (Interior Design)
- BSc (Honours) Chemistry
- BSc (Honours) in Mathematics
- BSc (Honours) in Physics
- BPharm
- BA (Honours) Economics

❖ **Post graduate programs**

- MBA
- MBA in Logistics and Supply Chain Management in association with Safeducate
- MCA-LE (Two Years Program)
- MPharm Pharmaceutics
- MTech in Computer Science & Engineering
- MTech in Civil Engineering with specialization in Structural Engineering
- MTech in Construction Engineering & Management
- MTech in Electrical Engineering with Specialization in Power System
- MTech in Electronics and Communication Engineering with specialization in Digital Communication
- MTech in Mechanical Engineering

❖ **Doctoral programs**

- PhD in Civil Engineering
- PhD in Computer Science & Engineering
- PhD in Computer Science
- PhD in Electronics & Communication Engineering
- PhD in English
- PhD in Management
- PhD in Mechanical Engineering
- PhD in Pharmacy
- PhD in Physics

1.8 ADMISSION PROCEDURE

Candidates are admitted to undergraduate courses of Engineering on the basis of merit in JEE examination through Centralized In-house Counselling Board. Candidates are also admitted for remaining seats on the basis of merit in the 10+2 Exams provided they fulfil the criteria. Admission to MTech and PhD programs are made on the basis of merit and candidates performance in a written test and interview for eligible candidates.

1.9 EXAMINATION AND EVALUATION

Examination and Grading systems of University are standardized, transparent and stringent. All Examination Question Papers are prepared by subject experts maintaining the sanctity of the entire process. In every semester, students have to appear for Class test, Assignment, quizzes, and End Semester Examination as per the schedule released by the office of Controller of Examinations. As a regular practice, evaluated answer sheets are shown to the students prior to declaring the results. The continuous evaluation and end term marks obtained by students are to be entered in SAP-ERP system by respective faculty member and are verified by the course coordinator. The results is declared on

SAP-ERP online platform by the office of Controller of Examinations. The mark sheets are sent to the parents of students by the Registrar office.

1.10 CENTERS OF EXCELLENCE

The University strategically established the following Centers of Excellence to promote the innovation by way of providing hands on training on cutting-edge technologies:

❖ Center for Information & Technology Management

DIT University's multiple computer labs are a perfect amalgamation of knowledge and technology merging together for the greater benefit of our students. The adequately skilled IT infrastructure management team, under the aegis of the CSE & IT Department manages the campus computer networks. The computer labs are equipped with a high quality persistent bandwidth which offers high speed uninterrupted Internet connectivity at 140 Mbps across the campus. The center builds and maintains an array of collaborative systems, mainly websites or portals, facilitating the global exchange of knowledge and ideas among students, faculty, recruiters and the alumni. The Microsoft Campus Agreement helps in increasing the access to educators and students in order to help them improve teaching & learning curves. HP has been providing training to our students and faculty members on emerging technologies. The center provides facility to conduct online certification courses like .Net, Oracle, Communication Technology, GIS, Java, CCNA, CCNP and Red Hat certified courses. The center also provides the web-based services through student portal, facilitating admission, registration, online fee payment, viewing of the time table, attendance, performance and application to participate in campus placement drives, application for hostel & transport services etc. with the convenience of 24/7 access.

❖ Center for Technology Incubation and Innovation

An initiative by the University at providing entrepreneurs with opportunities to convert their business ideas into reality. Our incubation cell aims to coordinate, synergize and leverage various strands of technology, innovation and entrepreneurship in a thriving ecosystem consisting of research. It includes close coordination with industries, CII, UCOST, SIDCUL, UREDA at the state level to facilitate start-up businesses and consultancy in technology.

❖ Center for Career Counselling, Training & Development

Our Career Services Center continuously strives to help students in pursuing their career goals by acquiring employment-seeking skills and ultimately attain desired employment. This is accomplished through building a strong partnership amongst students, alumni, faculty members and industries. The University follows a centralized placement process which gives each branch equal opportunity to grow for sustained excellence.

❖ Center for Research and Consultancy

The mission of the R&D Cell at DIT University is to provide an inclusive environment for promotion and support of R&D activities in science and technology so as to build on specific strengths of University's teaching & research expertise and to provide means of further developing those strengths in collaboration with external researchers, teaching institutions, government agencies and private industry. The Research & Consultancy (R&C) Cell has been specifically set up to provide specialized administrative and managerial support for sponsored research, consultancy and other related R&D activities of the University.

1.11 NEW INITIATIVES

In order to improve the academic and administrative functioning, some of the initiatives taken during the session 2017-18 are as follows:

i. Introduction of choice based credit system:

The University introduced choice based credit system (CBCS) to embrace rapid technological changes by way of periodic revisions in course curricula and to provide a reasonable amount of flexibility to the students in choosing their desired courses within a program. CBCS offers for different courses in select categories that include University Core, Department Core, Humanities Core, Humanities Electives, Department Electives and Open Electives.

ii. Employment Enhancement Training:

The Employment Enhancement Training is adopted as an integral part of all programs where the specialized training of 40 hours is provided by industry experts to the final year students. It includes training modules of team skills, leadership qualities, managerial skills and organizational behaviour etc. It provides an opportunity for the students' to interact with the industry professionals and discover invaluable work experiences.

iii. In-house Value added training:

Value added training of 40 hours duration is imparted on related softwares/hardwares/machines for enhancing technical skills of the students in the second year. The concerned department meticulously plans the modules of training with their expert faculties who are actively involved in research work in these specialized training areas.

iv. Industrial Internship:

The meritorious students in the final year of various engineering disciplines are encouraged to join the internship in the industries under the joint supervision of industry supervisors and DIT faculty. This provides a system of education that formally integrates academic studies with related work experience.

v. Admission counselling and academic evaluation through ERP system:

The online admission counselling of session 2017-18 was successfully completed at various centres across the nation through SAP-ERP system. It helped the aspirants to connect with the University and take admissions in the program of their choices.

The examination department has also successfully implemented the ERP system for the conduction and declaration of results. It has added the convenience and transparency to the examination and evaluation system.

vi. New programs:

The University stepped into the session 2017-18 with the following new programs:

- ❖ Bachelor of Computer Applications
- ❖ BA (Honours) Economics
- ❖ Bachelor in Design (Interior Design)
- ❖ BSc (Honours) Chemistry
- ❖ BSc (Honours) in Mathematics
- ❖ BSc (Honours) in Physics

vii. Online Quiz exam

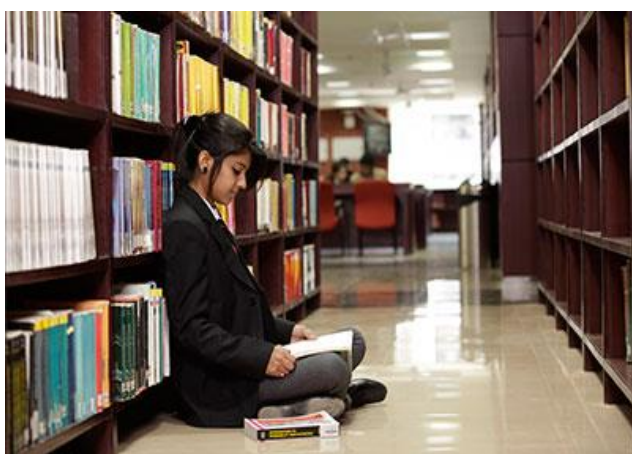
The Quiz examination saw a paradigm shift in the latter half of 2017, as the examination which was being held through pen and paper mode was replaced by online mode of examination. It helps to conduct the exam smoothly and declare the result timely.

2. CENTRAL FACILITIES

2.1 CENTRAL LIBRARY-VEDA

2.1.1 Introduction

The Central Library (Resource Centre) is housed in a newly built academic block “Vedanta.” The pleasant ambience and the well-furnished resource center with open terraces and spacious reading rooms create an atmosphere of serenity and thereby inspire the learning and research. Resource Centre is spread over area 27000 sq. ft. area which can accommodate 400 readers. Entire Library is air conditioned and overlooks the beautiful landscape comprising of lush green plantation & variety of flowers. The collection of the resource centre is rich and diverse, especially in terms of the breadth and depth of coverage. The collection encompasses subjects in communication technology, computer science, electronics, information technology, humanities and social sciences and related areas. This collection includes books, conference proceedings, reference books, CD-ROMs, VCDs, DVDs, and Cassettes etc. Currently, resource centre has over 1.5 Lakh books, over 3500 CDs/DVDs, subscribes to more than 202 journals/magazines in print and subscribes to more than 5000 e-journals. The Central Library is a member of the DELNET, NPTEL, and NDL.



2.1.2 Membership policy

Central Library provides membership to all students, faculty members, and staff members of DITU. Bar coded Smart Card is issued to all the bonafide students of DITU. The Library membership may also be availed to non-bonafide members of the Institute. For availing membership, there is a proper channel to follow i.e., forwarded letter from their parent institute/organization and permission from the central library authorities.

As per their entitlements, following number of books can be borrowed:

Category	No. of Books can Borrowed	Duration of Loan
Faculty	10	Whole Semester
Research Scholar	04	30 Days
PG Students (M.Tech/ M.Pharm)	04	30 Days
UG Students (B.Tech./B Pharma/B. Arch)	04	30 Days
Staff	02	30 Days
Others (Project Staff)	02	30 Days

2.1.3 Working hours

The Central Library opens on all weekdays as per the following schedule:

Normal functioning	Monday-Saturday	8:30 AM to 9:00 PM
	Sunday	9:00 AM to 5:00 PM
Issue/Return Timings	Monday-Friday	9:00 AM to 7:00 PM

During Examination period, the library timings are as follows:

Normal functioning	Monday-Saturday	8:30 AM to 3:00 AM
	Sunday	9:00 AM to 5:00 PM

2.1.4 Print resources

S. No.	Particular	Numbers
1.	Books	126165
2.	Journals /Periodicals	194
3.	Database (On line Journals)	05

2.1.5 Computer Network and connectivity

Forty-eight networked Apple Macs /HP systems are available in the Digital Library section with Wi-Fi network connectivity.

2.1.6 Multimedia resources

Audio and video cassettes and CDs are available in the Library collection and one separate audio-video room with all latest technology is a part of Central Library.

2.1.7 E-resources

E-books, E-journals and E database are part of Library Collection. DITU students and faculty can use these E-Resources anywhere in the campus and through remote access facility outside of campus.

2.1.8 NPTEL online learning resources

Central Library has a separate Audio Video room for students to attend NPTEL video lectures.

2.1.9 Reprographic Services

Central Library is providing Reprographic facility to the Library Users. The separate Reprographic room is available in the Central Library.

2.1.10 Book bank policy

Library has a Book Bank facility to fulfil student's requirement for the prescribed books on a semester basis. At present this facility is available only for second and third year students.

2.1.11 New initiatives (July 2017-June 2018)

- In the 2017-2018, Central Library has started to provide Digital Library services to the students.
- Central Library has organized Orientation programmes for the faculty and student on the E-Resource and open access digital resources.

- Central library is working on MOUs with other Institutional Libraries for inter Library Loan services.

2.1.12 Events organized

Date	Name of event	Description
16 th - 17 th November 2017	Book Exhibition	A Book Exhibition was organized in the central Library for students, faculties, and staff members of DIT University.
30 th March - 01 st April 2018	National Workshop on Open Source Solutions for Libraries: Tool & Techniques (KOHA & DSpace)	Central Library DIT University, Dehradun conducted three days ICSSR National Workshop on Open Source Solutions for Libraries: Tool & Techniques (KOHA & DSpace) in collaboration with Indian Council of Social Science Research, New Delhi.



2.2 CENTRAL WORKSHOP

The central workshop of University offers state of the art facilities in Machine shop, Carpentry shop, Fitting shop, Foundry, Fabrication shop, and Welding Shop. Students have the facility to complete their projects in the workshop for vehicle manufacturing and assembling of parts. In addition to meet the requirements of the academic curriculum, the students are supported for developing models and prototypes of their final year projects. The PG students are also facilitated for developing the R&D setups. Students are also provided complete tooling and technical guidance in manufacturing various types of vehicles to participate in national and international level competitions.



2.3 COMPUTER CENTER

The computer center offers computing facilities for education and research with over 1400 latest computers including 50 high end HP Workstations, 140 Mbps internet connectivity and state-of-the-art hardwares and softwares. The center has a dedicated Research and Development lab equipped with all requisite simulators and access of online journals.



2.4 NPTEL CENTER

National Programme on Technology Enhanced Learning (NPTEL) is a Government of India initiative to reach out to students and faculty by providing them access to standard technical contents and Online Certifications Courses. NPTEL has developed curriculum based course contents for more than 240 engineering courses in five disciplines at the undergraduate level. DIT University has taken a step forward towards the establishment of an NPTEL local Chapter. The objective of this Chapter is to enable the students to gain knowledge through enhanced video lecture and obtain certificates for courses pursued. It also makes them employable in the industry or pursue a suitable higher education programme. Dr. Ritika, Associate Professor, Faculty of Computer Applications is nominated as SPOC of NPTEL DITU Chapter.

Statistics of DITU enrollments to the NPTEL from June 2017- 18

Year	Courses Offered	Scholarship applied	Total Enrolment	Mentors	No of student appeared in Exam
Jun-Sep/Oct 2017	159	141	574	19	59
Jan-April 2018	126	224	804	22	17

3. RESEARCH & DEVELOPMENT

3.1 CONFERENCES / SEMINARS/ WORKSHOPS ORGANIZED

Sr. No.	Title of Conference/ Seminar organized	Convener/ Coordinator	Duration	Department
1.	National Symposium on Disaster Mitigation and Management	Dr. Tarumay Ghoshal	12 th April 2018	Civil
2.	Workshop on Salesforce Cloud Computing	Dr. Aditya Kr Saxena, Dr. Srabanti Maji	30 th – 31 st Aug. 2017	CSE
3.	IBM CE Advanced DBMS	Mr. Akash Srivastava	21 st – 24 th Nov. 2017	CSE
4.	OOAD & Software Engineering	Mr. Akash Srivastava	06 th – 09 th March 2018	CSE
5.	UI Technologies,Html5	Mr. Ajay Shankar	20 th Sept. 2017	CSE
6.	CSS	Mr. Ajay Shankar	21 st Sept. 2017	CSE
7.	Twitter Bootstrap	Mr. Ajay Shankar	26 th Sept. 2017	CSE
8.	Twitter Bootstrap	Mr. Ajay Shankar	27 th Sept. 2017	CSE
9.	Type Script	Mr. Ajay Shankar	03 rd Oct. 2017	CSE
10.	Angular JS	Mr. Ajay Shankar	04 th Oct. 2017	CSE
11.	Angular JS	Mr. Ajay Shankar	05 th Oct. 2017	CSE
12.	Python fundamentals	Mr. Ajay Shankar	08 th Feb. 2018	CSE
13.	Project implementation for one use case	Mr. Ajay Shankar	08 th March 2018	CSE
14.	One day Workshop on Python	Dr. Rakesh Kr Saini	10 th March 2018	Computer Applications
15.	One day Workshop on BIG DATA & HADOOP	Dr. Ritika	11 th Jan. 2018	Computer Applications
16.	One day Workshop on PHP	Dr. Ritika, Dr. Rakesh Kr Saini	03 rd Feb. 2018	Computer Applications
17.	One day Workshop on Machine Learning	Dr. Ritika	31 st March 2018	Computer Applications
18.	Yoga for technocrats by Dr. Naveen Pandey, DSVV, Haridwar	Dr. Rakesh Kr Saini	13 th March 2018	Computer Applications
19.	Seminar on Ux/UI Design	Dr. Ritika	08 th Aug. 2017	Computer Applications
20.	Workshop On cloud Computing	Dr. Ritika	10 th Oct. 2017	Computer Applications
21.	One Week Short-Term Course on “New trends in power system protection and control techniques”	Mr. Mohit Bajaj	26 th - 30 th June 2017	EECE
22.	A Training program on “Matlab & its applications in Engineering”	Mr. Anuj Sharma	10 th - 12 th July 2017	EECE

23.	One day seminar on “MWOFF on Basic of EMFT and Microwave Devices”	Dr. Brajlata Chauhan, Mr. Arjuna Muduli	30 th Oct. 2017	EECE
24.	A three days’ workshop “AWS 18” on Antenna designing and fabrication	Dr. Brajlata Chauhan	08 th – 10 th Feb. 2018	EECE
25.	A one day workshop on “Proteius VSM”	Mr. Anuj Kr. Sharma	03 rd April 2018	EECE
26.	A one day workshop on “Site – Specific Radio Propagation for analysis and design of wireless systems”	Dr. Sonika Singh	23 rd Nov. 2017	EECE
27.	Jaipuria Quiz League Competition JQL-2017, under ICEIT	Dr. Sonika Singh	20 th Sept. 2017	EECE
28.	Seminar on “What next?”	Dr. Rama Sushil, Mr. T. Santosh	19 th July 2017	IT
29.	Workshop on “R language”	Mr. Ganesh CETPA Pvt. Ltd., Noida, Delhi	26 th July 2017	IT
30.	Workshop on “Recent Trends in web Security ”	Mr. Gaurav Kumar Magma Research & consultancy Pvt. Ltd, Ambala, Haryana	19 th Aug. 2017	IT
31.	Seminar on “Cyber Security”	Rahul Mishra UP police Adviser & cyber consultant with Innovative Ideas Infotech	22 nd Jan. 2018	IT
32.	Workshop on “Advance Python”	Mr. Ganesh, Technical Expert, CETPA Pvt. Ltd., Noida, Delhi	22 nd March 2018	IT
33.	National Conference on Mathematical Modeling-Modern approaches (MMMA-2017)	Dr. Jogendra Kumar, Ms. SeemaYadav	13 th – 14 th Oct. 2017	MATHS
34.	FEM & Practical Stress Analysis, NAFEMS	Mr. S. Kushwaha, Mr. A. Shrivastava	30 th March-1 st April 2018	Mechanical
35.	FDP in Workshop Mode on “EDM and Welding Techniques”	Dr. Subodh Kumar	19 th -21 st Dec. 2017	Mechanical
36.	National Science Day 2018	Dr. Surbhi Sachdev, Dr. Ravi K. Shukla	09 th March 2018	Physics
37.	Workshop on WELL INTEGRITY in Indian Context	Mr. Gopal Kumar	12 th -13 th Oct. 2017	Petroleum
38.	DIT SPE TECHFEST 2018 & Workshop on Enhanced Oil Recovery	Mr. Gopal Kumar	08 th -10 th March 2018	Petroleum
39.	Three days Entrepreneurship Awareness Camp along with Business Plan Competition	MBA with EDC cell	05 th – 07 th Oct. 2017	MBA

40.	Workshop on “Stock Market operations”	Dr. Hemraj Verma	12 th Sept. 2017	MBA
41.	One week FDP programme on Structured Equation modeling	Dr. Hemraj Verma	18 th – 24 th Dec. 2017	MBA
42.	Smart Dehra: Issues confronting Dehradun	Prof. Anubha Kakroo	11 th Aug. 2017	Architecture
43.	National Symposium on Disaster Management and Mitigation	Prof. Resha Patil, Amrita Ghosh, Purnima Verma	12 th April 2018	Architecture
44.	Mask making	Ar. Abhinav Pratap	14 th - 16 th Feb. 2018	Architecture
45.	Universal Design	Ar. Sana Javaid	07 th -08 th March 2018	Architecture
46.	Adobe Illustrator for making portfolio	Ar. Rajiv Surya	08 th - 09 th March 2018	Architecture
47.	Urban common sense (for urban design studio)	Ar. Jitendra Sarohi, Ar. N. Chattopadhyay, Ar. Akash Singh, Ar. Ojasvi Jagithta	29 th -30 th Aug. 2017	Architecture
48.	Methods and Metaphor: Design Process	Ar. Vartica Saxena, Ar. Neelima Yadav	10 th -11 th Oct. 2017	Architecture
49.	Green Building Techniques by GRIHA Council	Ar. Resha Patil, Ar. Purnima Verma, Ar. Ojasvi Jagithta, Ar. Idha Sharma	06 th -07 th March 2018	Architecture
50.	Learn, UnLearn, ReLearn; A hands on workshop on Building construction	Ar. Kapil Kumar, Ar. Ojasvi Jagithta, Ar. Tridib Ray	04 th -05 th April 2018	Architecture
51.	Workshop on Origami	Ar. Monikuntala Das	08 th -09 th March 2018	Architecture
52.	Entrepreneurship awareness Program by DST for V th yr students	Ar. Kapil Kumar, Ar. Tridib Ray, Ar. Ojasvi Jagithta	14 th -16 th March 2018	Architecture
53.	Portfolio Development by Ms. Debeshi Chakraborty	Ar. Sandeep Saxena, Ar. Vartica Saxena	14 th -16 th March 2018	Architecture
54.	Autocad Workshop	Ar. Manish Sharma, Ar. Resha Patil	06 th – 07 th April 2018	Architecture
55.	Universal Design for Barrier Free Environment in Architectural Practice	Ar. Sana Javaid	March 2018	Architecture
56.	Workshop on Explorations in Universal Design	Ar. Sana Javaid	Feb. 2018	Architecture
57.	SVAGRIHA Training Program by GRIHA council	Purnima Verma	08 th June 2018	Architecture

❖ **National Conference on “Mathematical Modeling – Modern Approaches (MMMA – 2017)”**

The National Conference on “*Mathematical Modeling-Modern Approaches (MMMA– 2017)*” was organized by the Department of Mathematics, DIT University from 13th to 14th October 2017. The Chief Guest of the conference was Prof. B.S. Bhaduria from Babasaheb Bhimrao Ambedkar Central University, Lucknow. Prof. P.G. Siddheshwar from Bangalore University delivered the keynote lecture on different aspects, and applications of Mathematical Modelling in various disciplines. Other eminent invited- speakers Prof. S. Baskar (IIT Bombay), Prof. G. P. Kapoor (Former faculty IIT Kanpur), Prof. Dilip K. Maiti (Vidyasagar University, W.B.), Prof. Amit K. Parikh (Ganpat University), Prof. Ravi Borana (Bhavan’s R.A. Sc. College Ahmedabad), Prof. Dharmendra Tripathi (Manipal University Jaipur) and Prof. Pratiksha Saxena (GBU, Greater Noida) deliberated the extensive applications of Mathematical Modeling in real life problems. Approximately 100 participants have attended the conference across the nation, in which they shared and discussed their work in mathematics, various interdisciplinary fields, and different fields of mathematics.



❖ **Workshop on “AWS-18”**

Department of EECE conducted a 3 day workshop with poster presentation “AWS-18” on “Design & development of Antenna” from 8th-10th Feb. 2018 at the civil block. The workshop was carried out with the aim of enlightening the students in the field of antenna- Reconfigurable Antennas, Comformal antenna and Cognitive radio antennas. The training also provided the details for Modelling of MSA, using HFSS Software and development of prototype antenna on PCB, printed machine and testing its transmission line parameter on VNA. Dr. Amalendu Patniyak, Prof. IITR; Dr. Puneet Swaroop, scientist f IIRS Dehradun and Dr. Vipul Sharma were the prominent trainers in the workshop. A good number of students participated in the lectures, training as well as in poster presentation. AWS 18 was conducted under the umbrella of IETE-Student Forum EECE DITU.



❖ **AICTE sponsored Faculty development program**

DIT University organized Faculty Development Program (FDP) for student Induction in collaboration with All India Council for Technical Education and IIT-BHU from 18th to 20th June 2018. The program was sponsored by. Prof. Manoj Kumar took the session for three days. The university faculties with the faculties from other Universities and institutions participated in the program with full zeal.



3.2 GUEST LECTURES ORGANIZED

Sr. No.	Name of the expert	Title of the lecture	Date	Department
1.	Prof. B.K. Maheswari	Geotechnical Issues during Earthquake in Uttarakhand	29 th Dec. 2017	Civil

2.	Dr. Sankar K. Pal	Granular Data Mining: Concepts, Models and Applications	11 th May 2018	CSE
3.	Mr. Phani Kondepudi	Cognitive Services and Cyber Security	19 th Mar. 2018	Computer Applications
4.	Dr. Inderdeep IIT Roorkee	Power house of opportunities: NPTEL	13 th Sep. 2017	Computer Applications
5.	Prof. Dr. Cher Ming Tan (Chang Gung University, Taiwan)	Solving Global Electrical Energy Challenges through the Consortium for Rapid Smart Grid Impact	08 th Aug. 2017	EECE
6.	Prof. Dr. Cher Ming Tan (Chang Gung University, Taiwan)	Advances in Reliability Sciences & Technology and its Necessity	09 th Aug. 2017	EECE
7.	Mr. A. K. Shukla Sct-G DEAL DRDO	Under Water communication Systems	30 th Oct. 2017	EECE
8.	Prof. D.P. Kothari, Ex Professor, I.I.T Delhi	Electrical Power System	07 th Mar. 2018	EECE
9.	Mr. Kapil Bhutani, Director, Telcocrat Technologies, Mohali	Advancements in Wireless Technologies	31 st Jan. 2018	EECE
10.	Dr. Raghav Kaushik Microsoft India	Querying Encrypted Data	17 th Aug. 2017	IT
11.	Mr. Ramish Aman, Telus International Pvt. Ltd., Noida	Software testing & tools	08 th Nov. 2017	IT
12.	Mr. Nitin Nautiyal, Orkash Services Pvt. Ltd., Gurugram	Cognitive Computing	19 th Feb. 2018	IT
13.	Dr. A. Swaminathan	Symbolic Computation: Past, Present & Future	06 th Jan. 2018	MATHS
14.	Dr. Maheshanand	On cyclic codes	24 th Mar. 2018	MATHS
15.	Prof. D. P. Mishra IIT Kanpur	Ancient Indian technology in today's world	11 th May 2018	Mechanical
16.	Er. Ramesh Chandra Retired Engineer, NPP Narora	Nuclear power plants in India	11 th May 2018	Mechanical
17.	Prof. Dinesh Agrawal Pennsylvania Uni., Penn State, USA	Microwave Materials Processing for Various Materials Applications: An Overview	21 st May 2018	Physics
18.	Mr. James Jacob	Innovative & Efficient University Laboratory Equipment's & Applications from Core Labs	26 th Sept., 2017	Petroleum
19.	Dr. Jose Gonzalo Flores	Developments in Heavy-oil EOR for the Era of low oil Pricing	13 th Dec. 2017	Petroleum
20.	Dr. Kris Ravi	Well Integrity is Critical for Safe and Economic Energy Production	01 st Jan. 2018	Petroleum
21.	Mr. R K Thakur	Surveying techniques and geological & geophysical operations	19 th Feb. 2018	Petroleum
22.	Mr. Vinay Kumar Gupta	kick detection blowout and hazard management	05 th Apr. 2018	Petroleum
23.	Dr. Satyam Priyadarshy	Demystifying Big data: Challenges, Opportunities and Path Forward	06 th Apr. 2018	Petroleum
24.	Dr. S. Buukhandi	GMP Pharmaceutical Guidelines	23 rd Mar. 2018	Pharmacy

25.	Dr. Deepak Goyal Max Hospital	Vascular disease and stroke in Young: Indian Prospective	24 th Mar. 2018	Pharmacy
26.	Mr. HEMANT Bhatt, Oracle IAS Dehradun	Civil services as a career choice	24 th Mar. 2018	Pharmacy
27.	Mr. Jiten Kathuria, Area Manager DTDC	Career Opportunities in Logistics Industries	16 th Aug. 2017	MBA
28.	Mr. Pravesh Gailakoti DD Infosoft	Business Analytics Industry	17 th Aug. 2017	MBA
29.	Dr. S. Bhattacharya	Supply Chain Management	17 th Aug. 2017	MBA
30.	Mr. P. Rajgopalan	Role of architecture in real estate development in present scenario	12 th Jan. 2018	Architecture
31.	Ms. Chhabi Mishra	Architecture on larger canvas	16 th Mar. 2018	Architecture
32.	Mr. Subhash C Arora Blue Star	HVAC and Air Conditioning Systems	17 th Mar. 2018	Architecture
33.	Ar. Girish Doshi	Construction of Space and Place	03 rd Apr. 2018	Architecture

3.3 PUBLICATION BY FACULTY MEMBERS IN SCI/SCIE JOURNALS

Sr. No.	Name of Author	Title of Paper	Name of Journal	Vol./P.no./ Year of pub.	I.F. (if any)	Department
1.	Md. Imteyaz Ansari, Pankaj Agarwal	Damage index evaluation of concrete gravity dam based on hysteresis behaviour and stiffness degradation under cyclic loading	International Journal of Structural Stability and Dynamics	17 (01)/ 1750009/ 2017	1.23	Civil
2.	Mainak Bandyopadhyay	Agent based Geosimulation for urban emergency response plans	Arabian Journal of Geosciences	11/ 165/ 2018	0.86	CSE
3.	Swarnakar S., Kumar S., Sharma S.	Performance analysis of all-optical full-adder based on two-dimensional photonic crystals	Journal of Comput. Electronics	17/ 1124–1134 / 2018	1.431	EECE
4.	Pal A., Kumar S., Sharma S.	Design of optical decoder circuits using electro-optic effect inside Mach–Zehnder interferometers for high speed communication	Photonic Network Communications	35/ 79-89/ 2017	1.203	EECE
5.	Singh L., Sharma T., Kumar M.	Controlled Hybridization of Plasmonic and Optical Modes for Low-Loss Nano-Scale Optical Confinement with Ultralow Dispersion	IEEE Journal of Quantum Electronics	54/.../2018	2.069	EECE

6.	Sharma T.K., Ranganath P., Nambiar S., Selvaraja S.K.	Broadband transverse magnetic pass polarizer with low insertion loss based on silicon nitride waveguide	Optical Engineering	57/.../2018	0.993	EECE
7.	Kumar S., Singh L., Chen N.-K.	All-optical bit magnitude comparator device using metal-insulator-metal plasmonic waveguide	Optical Engineering	56/.../2017	0.993	EECE
8.	Chauhan C., Ranjan A., Kumar S.	Design of transmission gate using electro-optic effect of lithium niobate based Mach-Zehnder interferometers	Photonic Network Communications	34/ 271-279/ 2017	1.203	EECE
9.	Kumar S., Singh L., Raghuwanshi S.K., Chen N.-K.	Design of Full-Adder and Full-Subtractor Using Metal-Insulator-Metal Plasmonic Waveguides	Plasmonics	12/ 987-997/ 2017	2.366	EECE
10.	Kumar S., Singh L., Chen N.-K.	Design of All-Optical Universal Gates Using Plasmonics Mach-Zehnder Interferometer for WDM Applications	Plasmonics	13/1-10/ 2017	2.366	EECE
11.	Kumar S.	Design of an optical 4-bit binary to BCD converter using electro-optic effect of lithium niobate based Mach-Zehnder interferometers	Optics Communications	395/ 221-230/ 2017	1.887	EECE
12.	Chanderkanta, Singh N., Kumar S.	Design of programmable logic device based on electro-optic effect of lithium-niobate-based Mach-Zehnder interferometers	Photonic Network Communications	33/ 356-370/ 2017	1.203	EECE
13.	Singh L., Bedi A., Kumar S.	Modeling of all-optical even and odd parity generator circuits using metal-insulator-metal plasmonic waveguides	Photonic Sensors	7/ 182-192/ 2017	1.317	EECE
14.	Choudhary K., Kumar S.	Design of pseudorandom binary	Optical Engineering	56/.../2017	0.993	EECE

		sequence generator using lithium-niobate-based Mach-Zehnder interferometers				
15.	Kumar S., Singh L., Swarnakar S.	Design of One-Bit Magnitude Comparator Using Nonlinear Plasmonic Waveguide	Plasmonics	12/ 369-375/ 2017	2.366	EECE
16.	Kumar S., Singh L., Raghuwanshi S.K.	Design of plasmonic half-adder and half-subtractor circuits employing nonlinear effect in Mach-Zehnder interferometer	Journal of Comput. Electronics	16/ 139-147/ 2017	1.431	EECE
17.	Pal A., Kumar S., Sharma S.	Design of optical seven-segment decoder using Pockel's effect inside lithium niobate-based waveguide	Optical Engineering	56/.../ 2017	0.993	EECE
18.	Koley S., Mitra D.	Edge-Fitting Based Energy Detection for Cognitive Radios	Journal of Signal Processing Systems	90/ 1687– 1698 / 2018	1.088	EECE
19.	Koley S., Mitra D.	A frequency-reconfigurable elliptical monopole antenna for cognitive radio networks	Turkish Journal of Electrical Engineering and Computer Sciences	25/ 2535-2546/ 2017	0.58	EECE
20.	Agrawal R., Belwal P., Singh M., Gupta S.C.	Continuous beam scanning in substrate integrated waveguide leaky wave antenna	Progress In Electromagnetics Research M	62/ 19-28/ 2017	2.874	EECE
21.	Tarun Sharma, Hyeokbin Kwon, Jongwoo Park, Seungjun Han, Kyoungsik Yu	Coupling Performance enhancement using single etch SOI Grating coupler design	Optics Communication	427/ 452-456 /2018	1.887	EECE
22.	Tarun Sharma, Parveen Ranganath, Siddharth Nambiar, Shankar Kumar Selvaraja	Broadband TM pass Polarizer with Low Insertion Loss based on Silicon Nitride waveguide	Optical Engineering	57/.../ 2018	0.993	EECE

23.	Lalit Singh, Tarun Sharma, Mukesh Kumar	Design and Fabrication of High- index Layer Assisted Hybrid Plasmonic Waveguide for Low- loss Nanoscale Optical Confinement	IEEE Quantum Electronics	52/ 1-5/ 2018	2.069	EECE
24.	Kuntal Chowdhury, Debasis Chaudhuri, Arup Kumar Pal	A new Image Segmentation technique using bi- entropy function minimization	Multimedia Tools and Applications	77/ 1-27/ 2017	1.541	IT
25.	Vinod K. Gupta	Study of Mass Transport in Rotating Couple Stress Liquid under Concentration modulation	Chinese journal of Physics, Elsevier	56/ 911-921/ 2018	1.051	MATHS
26.	Bipin Kumar, Gaurav Prakash Srivastav, Manoj Kumar, Anil Kumar Patil	A review of heat transfer and fluid flow mechanism in heat exchanger tube with inserts	Chemical Engineering & Processing: Process Intensificatio n	123/ 126-137/ 2018	2.826	Mechanical
27.	D. Verma, M. S. Kalra, P. Wahi	A comparative study of bifurcation characteristics in single and two-zone fuel models of a BWR: A case study of the advanced heavy water reactor (AHWR)	Nuclear Engineering and Design	324/ 158-170/ 2017	1.19	Mechanical
28.	Siddharth S. Kamble, Devshibhai S. Ziyad, Manjeet S. Kalra	Friction Factors in Fully Developed MHD Laminar Flows for Oblique Magnetic Fields and High Hartmann Numbers in Rectangular Channels	IEEE Transaction s on Plasma Science	45(12)/ 3328 – 3335/ 2017	1.253	Mechanical
29.	Pokhriyal, S., Patil, A.K., Kumar, M.	Thermo-hydraulic Performance of a Circular Tube with Perforated and Slotted Conical Ring Inserts	Heat Transfer Engineering	/1-11/ 2017	1.216	Mechanical
30.	Verma, A., Kumar, M., Patil, A.K.	Enhanced heat transfer and frictional losses in heat exchanger tube with modified helical coiled inserts	Heat and Mass Transfer	/1-14/ 2018	1.494	Mechanical

31.	Singh Bisht, V., Kumar Patil, A., Gupta, A.	Review and performance evaluation of roughened solar air heaters	Renewable and Sustainable Energy Reviews	81/ 954-977/ 2018	9.184	Mechanical
32.	Piriyarungrod, N., Kumar, M., Thianpong, C., Pimsarn, M., Chuwattanakul, V., Eiamsa-ard, S.	Intensification of thermo-hydraulic performance in heat exchanger tube inserted with multiple twisted-tapes	Applied Thermal Engineering	136/ 516-530/ 2018	3.771	Mechanical
33.	Kumar, A., Singh, S., Chamoli, S., Kumar, M.	Experimental Investigation on Thermo-Hydraulic Performance of Heat Exchanger Tube with Solid and Perforated Circular Disk Along with Twisted Tape Insert	Heat Transfer Engineering	/1-11/ 2018	1.216	Mechanical
34.	Singh, S.K., Kumar, M., Kumar, A., Gautam, A., Chamoli, S.	Thermal and friction characteristics of a circular tube fitted with perforated hollow circular cylinder inserts	Applied Thermal Engineering	130/ 230-241/ 2018	3.771	Mechanical
35.	Bartwal, A., Gautam, A., Kumar, M., Mangrulkar, C.K., Chamoli, S.	Thermal performance intensification of a circular heat exchanger tube integrated with compound circular ring–metal wire net inserts	Chemical Engineering and Processing: Process Intensification	124/ 50-70/ 2018	2.826	Mechanical
36.	Agrawal, P., Gautam, A., Kunwar, A., Kumar, M., Chamoli, S.	Performance assessment of heat transfer and friction characteristics of a packed bed heat storage system embedded with internal grooved cylinders	Solar Energy	161/ 148-158/ 2018	4.374	Mechanical
37.	Chamoli, S., Lu, R., Xie, J., Yu, P.	Numerical study on flow structure and heat transfer in a circular tube integrated with novel anchor shaped inserts	Applied Thermal Engineering	135/ 304-324/ 2018	3.771	Mechanical
38.	Chamoli, S., Lu, R., Xu, D., Yu, P.	Thermal performance improvement of a solar air heater fitted with winglet vortex generators	Solar Energy	159/ 966-983/ 2018	4.374	Mechanical
39.	Gautam, A., Chamoli, S., Kumar, A.,	A review on technical improvements, economic feasibility	Renewable and Sustainable	68/ 541-562/ 2017	9.184	Mechanical

	Singh, S.	and world scenario of solar water heating system	Energy Reviews			
40.	Chamoli, S., Lu, R., Yu, P.	Thermal characteristic of a turbulent flow through a circular tube fitted with perforated vortex generator inserts	Applied Thermal Engineering	121/ 1117-1134/ 2017	3.771	Mechanical
41.	Chamoli, S., Yu, P., Yu, S.	Multi-objective shape optimization of a heat exchanger tube fitted with compound inserts	Applied Thermal Engineering	117/ 708-724/ 2017	3.771	Mechanical
42.	R Kumar, A Kumar, R Chauhan, R Maithani	Comparative study of effect of various blockage arrangements on thermal hydraulic performance in a roughened air passage	Renewable and Sustainable Energy Reviews	81/ 447-463/ 2018	9.184	Mechanical
43.	ARS Suri, A Kumar, R Maithani	Experimental determination of enhancement of heat transfer in a multiple square perforated twisted tape inserts heat exchanger tube	Experimental Heat Transfer	31/ 85-105/ 2018	1.687	Mechanical
44.	R Nadda, A Kumar, R Maithani	Developing heat transfer and friction loss in an impingement jets solar air heater with multiple arc protrusion obstacles	Solar Energy	158/ 117-131/ 2017	4.374	Mechanical
45.	R Nadda, A Kumar, R Maithani, R Kumar	Investigation of thermal and hydrodynamic performance of impingement jets solar air passage with protrusion with combination arc obstacle on the heated plate	Experimental Heat Transfer	31/ 232-250/ 2017	1.687	Mechanical
46.	A R S Suri, Anil Kumar, Rajesh Maithani	Heat transfer enhancement of heat exchanger tube with multiple square perforated twisted tape inserts: Experimental investigation and correlation development	Chemical Engineering and Processing: Process Intensification	116/ 76-96/ 2017	2.826	Mechanical

47.	R Nadda, R Maithani, A Kumar	Effect of multiple arc protrusion ribs on heat transfer and fluid flow of a circular-jet impingement solar air passage	Chemical Engineering and Processing: Process Intensification	120/114-133/2017	2.826	Mechanical
48.	R Kumar, R Maithani, R Chauhan, M Sethi, A Kumar	Correlation development for Nusselt number and friction factor of a multiple type V-pattern dimpled obstacles solar air passage	Renewable Energy	109/461-479/2017	4.9	Mechanical
49.	A Kumar, R Kumar, R Maithani, R Chauhan, S Kumar	An experimental study of heat transfer enhancement in an air channel with broken multi type V-baffles	Heat and Mass Transfer	53 (12)/3593-3612/2017	1.494	Mechanical
50.	J.S. Sawhney, Rajesh Maithani, Sunil Chamoli	Experimental investigation of heat transfer and friction factor characteristics of solar air heater using wavy delta winglets	Applied Thermal Engineering	117/740-751/2017	3.771	Mechanical
51.	Ravi K. Shukla, Ashok Chaudhary, Alexej Bubnov, K. K. Raina	Multi-walled carbon nanotubes-ferroelectric liquid crystal nanocomposites: effect of cell thickness and dopant concentration on electro-optic and dielectric behaviour	Liquid Crystals	In print 2018	2.636	Physics
52.	R.K Shukla, K.K Raina	Structural and dielectric behaviors of $\text{Bi}_4\text{Ti}_3\text{O}_{12}$ -lyotropic liquid crystalline nanocolloids	Phase Transitions	91/301-307/2017	1.028	Physics
53.	R.K Shukla, K.K Raina	Effect of viscosity, pH and physicochemical parameters of solvent on the aggregation and dielectric behaviour of lyotropic liquid crystals binary mixtures	Journal of Molecular Liquids	250/71-79/2018	4.513	Physics
54.	Khushbu, P. Kumar, V. Kumar	Effect of co-substitution of Sm^{3+}	Journal of Alloys and Compounds	731/760-765/2018	3.779	Physics

		and Fe ³⁺ ions on structural and dielectric properties of BaTiO ₃ ceramics				
55.	Khushbu, P. Kumar	Effect of sintering temperature on structural, dielectric and ferroelectric properties of BaTiO ₃ -PbZrO ₃ ceramics	Ferroelectrics	516/ 167-172/ 2017	0.728	Physics
56.	P. Chamoli, M. K. Das, K. K. Kar	Structural, optical and electrical characteristics of graphene nanosheets synthesized from microwave-assisted exfoliated graphite	Journal of Applied Physics	122/ 185105/ 2017	2.176	Physics
57.	P. Chamoli, Malay K. Das, K. K. Kar	Urea-assisted low temperature green synthesis of graphene nanosheets for transparent conducting film	Journal of physics and chemistry of solids	113/ 17-25/ 2018	2.207	Physics
58.	Tinku Saikia, Vikas Mahto	Experimental Investigations and Optimizations of Rheological Behavior of Drilling Fluids Using RSM and CCD for Gas Hydrate-Bearing Formation	Arabian Journal for Science and Engineering	/1-14/ 2018	1.092	Petroleum
59.	Tinku Saikia, Vikas Mahto	Evaluation of Soy Lecithin as Eco-Friendly Biosurfactant Clathrate Hydrate Antiagglomerant Additive	Journal of Surfactants and Detergents	21/ 101-111/ 2018	1.450	Petroleum
60.	Tinku Saikia, Vikas Mahto	Temperature Augmented Visual Method for Initial Screening of Hydrate Inhibitors	Oil & Gas Science and Technology - Rev. IFP Energies nouvelles	73/ 1-8/ 2018	1.399	Petroleum

3.4 RESEARCH PAPERS PRESENTED AT INTERNATIONAL CONFERENCES

Sr. No.	Name of Faculty	Title of the Paper	Name of the Conference/ Seminar	Place	Date	Department
1.	A. K. Yadav, Dr. M. L. Garg, Dr. Ritika	Docker Containers Vs Virtual machine based Virtualization	International conference on emerging technologies in data mining and	University of Engg. & Manag., Kolkata	23 rd – 25 th February 2018	CSE

			information security 2018			
2.	Dr. Srabanti Maji, Dr. Aditya Saxena, Ankita Tyagi	Statistical Analysis of Parkinson's Disease Using Principal Component Analysis and Artificial Neural Network: A Critical Review	International journal of Advance Research in Science and Engineering,	Buddha Institute of Tech., Gorakhpur	01 st – 02 nd April 2018	CSE
3.	Dr. Srabanti Maji, Srishti Arora	Decision Tree Algorithms for prediction of Heart Diseases	Third International Conference on Information and Communication Technology for Competitive Strategies	ICTCS Udaipur	16 th – 17 th December 2017	CSE
4.	Dr. Srabanti Maji, Dr. M. L. Garg	Hybrid Technique for Splice Site prediction	ICISIM, Aurangabad, IEEE Conference-39830	Aurangabad	05 th – 06 th October 2017	CSE
5.	A. N. Shukla, Charu Negi	Vertex coloring Problem Approach using Adjacency Matrix	IETE	Chandigarh	09 th December 2017	CSE
6.	A. N. Shukla, Roosha Shemon	Approches Towards Future IOT-Inter of Things based Person/Wheelchair Fall Detection	IETE	Chandigarh	09 th December 2017	CSE
7.	Nafees Akhter Farooqui, Dr. Ritika	A Study on Early Prevention and Detection of Breast Cancer using Three-Machine Learning Techniques	Second International Conference on Advancement in Computer Engineering and Information Technology 2018	Integral University Lucknow	06 th -07 th April 2018	Computer Applications
8.	Ms. Parul Chaudhary, Dr. Gagan Singh	Power Quality Problems Due to Penetration of Wind Energy & the Role of LDC: A Comprehensive Overview	International Conference on Electrical, Electronics, Computer, Communication, Mechanical & Computing 2018	Chennai	28 th - 29 th January 2018	EECE
9.	Mr. S. Bhanuprakash, Dr. Gagan Singh	Review paper on Digital control techniques in power electronics converters	International Conference on Electrical, Electronics, Computer, Communication, Mechanical & Computing 2018	Chennai	28 th -29 th January 2018	EECE

10.	V. K. Srivastava, A. Pal, Santosh Kumar, Sandeep Sharma	Error detecting code for long haul network	Proc. SPIE 10526, Physics and Simulation of Optoelectronic Devices XXVI, 105261V	SPIE OPTO 2018, San Francisco, California, USA	23 rd February 2018	EECE
11.	V. K. Pandey, D. K. Verma, Sandeep Sharma, Sonika Singh	A 50MHz-4GHz Low Noise Amplifier for Wideband Applications	First International Conference on Advanced Computational and Communication Paradigms - 2017	Sikkim Manipal Institute of Tech., Sikkim	08 th – 10 th September 2017	EECE
12.	Dr. Sakshi Semwal	Chimamanda Ngozi Adichie's Americanah: A Saga of Immigration and Diaspora	International Conference on Religion, Literature & Culture	DIMR Pune	15 th -16 th September 2017	Humanities
13.	Dr. Shachi Negi	Cultural Criticism In John Osborne's Play: The Entertainer	International Conference on Gender studies, Cultural, Education and Social Sciences 2017	Pune	21 st -22 nd July 2017	Humanities
14.	Dr. Shachi Negi	Continuous Rain In Look Back In Anger symbolizes Endless Miseries In Post-World War– Britain	International Seminar on Aquatic Literature	Kerala	18 th -19 th August 2017	Humanities
15.	Pradeep Singh Rawat	A Survey and Analysis with Different Resource Provisioning Strategies in Cloud Environment	5 th International Conference on Computing for Sustainable Global Development	BVICAM New Delhi	14 th - 16 th March 2018	IT
16.	Rupak Chakraborty, Rama Sushil, M. L. Garg	A New Objective Function Based Multi-Level Image Segmentation Using Differential Evolution	3 rd International Springer Conference	UPES Dehradun	30 th -31 st October 2017	IT
17.	Sandip Mandal, Rama Sushil	Secure and Systematic Analysis of DoS Attacks in Wireless Sensor Networks with Wormhole Injection	IEEE International Conference on Computer, Electrical & Communication Engineering	Kolkata India	22 nd - 23 rd Dec. 2017	IT
18.	Sandip Mandal, Rama Sushil	Enhancing approach of Secure WSN to Recovering from various Wormhole	Springer International Conference on Energy, Materials	Ranchi, India	24 th Dec. 2017	IT

		Based DDoS Attacks	and Information Technology,			
19.	T. Santosh, Daravath Ramesh	Park based ANFIS Approach for Anomaly Detection using Big Data	NGCT'2017 Int. Conf.	UPES, Dehradun	30 th -31 st Oct. 2017	IT
20.	T. Santosh, Daravath Ramesh	KMDT: A Hybrid Cluster Approach for Anomaly Detection using Big Data	6 th Int. Conference on frontiers of intelligent computing: Theory and applications	KIIT University Odisha	14 th - 15 th Oct. 2017	IT
21.	Dr. Vijay Jain	Understanding consumer attitude towards green product using SCM	International conference on Hospitality	Dehradun	02 nd January 2018	MBA
22.	Dr. Vijay Jain	Creating social impact using reverse innovation and social entrepreneurship	International Conference on Sustainable Management (ICSM-2018)	IIM Kashipur	25 th -27 th May 2018	MBA
23.	Bipin kumar	Exergetic optimization of Artificially roughned solar air heater with multiple v-shaped ribs	International Conference Nano for Energy and Water	UPES University	22 nd -24 th February 2017	Mechanical
24.	Mr. R Rajan	Development and analysis of friction characteristics of boric acid and dried red chilly peduncle added organic brake pad composite	ICCMS-2017	Hyderabad	27 th -29 th Dec. 2017	Mechanical
25.	Prof. NV Satheesh Madhav, Sugandha Varshney	Development and evaluation of bioflexy films using a novel biopolymer from Ananas cosmosus loaded with nanosized topiramate	Int. Conference on Trends in Biochemical and biomedical research: Advances and Challenge	IIT BHU	Feb. 2018	Pharmacy
26.	Khushbu, Parveen Kumar	Temperature Dependent Ferroelectric Properties of Sm & Fe Substituted BaTiO ₃	6 th International Symposium on Integrated Functionalities	Delhi	10 th -13 th December 2017	Physics
27.	Monikuntala Das	Revamping Urban Bamboo Furniture Design by Improving Material techniques	Global Bamboo and Rattan Conference 2018	Beijing, China	25 th – 27 th June 2018	Architecture

3.5 RESEARCH PAPERS PRESENTED AT NATIONAL CONFERENCES

Sr. No.	Name of Faculty	Title of the Paper	Name of Conference/ Seminar	Place	Date	Department
1.	S. N. Ashraf, A. K. Singh	Implications of science and technology to Make India's MSMEs as globally competitive: An application of stochastic frontier production function approach	9 th Conference on Excellence in Research and Education	IIM Indore	03 rd – 06 th May 2018	Humanities
2.	A.K. Singh, K. B. Mamgain, J. Issac	Impact of climatic and non-climatic factors on sustainable livelihood security in Gujarat state of India: A statistical exploration	Seminar on "Ecosystem Restoration and Rural Livelihood"	IEG Delhi	08 th – 09 th March 2018	Humanities
3.	A.K. Singh	Implications of socio-economic indicators on start-up size in Gujarat (India): An empirical exploration	54 th Annual Conference of 'The Indian Econometric Society (TIES)	Shri Mata Vaishno Devi Uni., Katra	07 th – 09 th March 2018	Humanities
4.	A.K. Singh, K.G.S. Narayanan, P. Sharma	Measuring the climate variability impact on cash crops farming and agro-industries in India: An empirical investigation	9 th Biennial Conference of INSEE on "Sustainability, Institutions, Incentives: Voices, Policies and Commitments"	Kerala Institute of Local Administration, Thrissur	08 th – 10 th November 2017	Humanities
5.	Dr. Shachi Negi	Jaunsar Bawar: An Exemplary Ideal for the Modern Society	National Seminar on Legacy Of Tribes	IGNOU Bhopal	22 nd – 23 rd August 2017	Humanities
6.	Dr. Parveen Kumar	Development of Pervoskite Ferroelectric Materials using Novel Techniques	National Conference on Functional Materials for Device Applications	Guru Nanak Dev Uni., Amritsar	09 th -10 th March 2018	Physics
7.	Prof. N.V. Satheesh Madhav, Yogita Tyagi	Design of Fluvoxamine loaded bio-nanosuspension using novel bio-retardant Santalum album	NanoSciTech 2017	Punjab Uni., Chandigarh	08 th -10 th Nov. 2017	Pharmacy
8.	Prof. N.V. Satheesh Madhav, Bhavana Singh	"Development of nanosized loaded risperidone bioflexithins for brain targeting via orotranslabial platform"	NanoSciTech 2017	Punjab Uni., Chandigarh	08 th -10 th Nov. 2017	Pharmacy

9.	Dr. Bhavna, Deepika Sharma	“Development And Evaluation Of Polymeric Nanomicelles Of Gliptins With Potential For Treating Diabetes”	NanoSciTech 2017	Punjab Uni., Chandigarh	08 th -10 th Nov. 2017	Pharmacy
10.	Prof. N.V. Satheesh Madhav, Yogita Tyagi	“Design of nanosized selegiline loaded bio-nanosuspension for ocular delivery”	69 th Indian Pharmaceutical Congress	Chitkara University	22 nd - 24 th Dec. 2017	Pharmacy
11.	Prof. N.V. Satheesh Madhav, Sugandha Varshney	Development and evaluation of nanosized topiramate loaded bio-flexy films using phoenix dactylifera biopolymer for “oro-trans soft palatal delivery”	69 th Indian Pharmaceutical Congress	Chitkara University	22 nd - 24 th Dec. 2017	Pharmacy
12.	Prof. N.V. Satheesh Madhav, Bhavana Singh	A smart delivery approach for olanzapine via novelistic trans vermillion platform	69 th Indian Pharmaceutical Congress	Chitkara University,	22 nd - 24 th Dec. 2017	Pharmacy
13.	Dr. Bhavna, Deepika Sharma	Design and Evaluation of polymeric nanomicelles for Dipeptidyl peptidase-4 inhibitors	69 th Indian Pharmaceutical Congress	Chitkara University,	22 nd - 24 th Dec. 2017	Pharmacy
14.	Dr. Bhavna, Deepika Sharma	Epidemic arboviral disease: A need for prevention and treatment	UCOST	Dehradun	07 th – 09 th March 2018	Pharmacy
15.	Prof. N.V. Satheesh Madhav, Bhavana Singh	Development and evaluation of nanosized loaded olanzapine for the management of psychosis	UCOST	Dehradun	07 th – 09 th March 2018	Pharmacy
16.	Prof. N.V. Satheesh Madhav, Yogita Tyagi	Novelistic approach for delivering selegiline by bio-nanosuspension via ocular route	UCOST	Dehradun	07 th – 09 th March 2018	Pharmacy
17.	Prof. N.V. Satheesh Madhav, Sugandha Varshney	Formulation and evaluation of nanosized Topiramate loaded bio-flexy films for oro-trans soft palatal delivery using a novel biopolymer from Manilkara zapota	UCOST	Dehradun	07 th – 09 th March 2018	Pharmacy
18.	Dr. Vijay Jain	Building bridges to opportunity in Indian Economy	Make In India	Asian business School Noida	January 2017	MBA
19.	Dr. Fateh Singh	A constitutive model and its generalization to study mechanical	Mathematical Modelling- Modern Approaches 2017	Dehradun	13 th – 14 th October 2017	MATHS

		properties of apple and potato tissues				
20.	Dr. Abhilasha Sharma	Optimal task allocation by Robust's ranking method to optimize the response time of the system	Mathematical Modelling- Modern Approaches 2017	DIT University	13 th – 14 th October 2017	MATHS
21.	Dr. Vinod K. Gupta	Analytical Study of Weakly Nonlinear Mass Transfer in Rotating Fluid layer under time periodic gravity modulation	Mathematical Modelling- Modern Approaches 2017	DIT University	13 th – 14 th October 2017	MATHS
22.	Dr. Jogendra Kumar	Non-linear Analysis on double diffusive convection in a couple stress fluid saturated porous media	National Conference on History of Mathematical Sciences 2017	S.G.R.R. (P. G. College), Dehradun	05 th – 07 th Oct. 2017	MATHS
23.	Ar. Vartica Saxena	Comparison of a practical approach towards sustainable living	Seminar on “Role of Green energy in sustainable future”	Himgiri Zee University	20 th – 21 st October 2017	Architecture
24.	Ms. Sana Javaid	Futuristic Urbanism: Socio-Environmental Regeneration through Vertical Greening	Futuristic Trends in Architecture	Sharda University	September 2017	Architecture
25.	Ms. Sana Javaid	Participatory Planning in Urban Green Spaces: A Step towards Environmental and Social Equity	6 th National Seminar on Architecture for Masses on Environmental Remediation and Rejuvenation	JMI, Delhi	February 2018	Architecture

3.6 SEMINARS/WORKSHOPS ATTENDED BY FACULTY MEMBERS

Sr. No.	Name of the Faculty	Title of Conference/seminar/ Workshop	Place	Date	Department
1.	Dr. Mainak Bandyopadhyay	MATLAB and Its Applications	DIT University	10 th -12 th July-17	CSE
2.	Dr. M. L. Garg	Workshop on Python by FOSSEE Team IIT Bombay	DIT University	14 th - 17 th May 2018	CSE
3.	Dr. Srabanti Maji	Basic Programming using Python	IIT Bombay	14 th – 16 th May 2018	CSE
4.	Dr. R. K. Saini, Mr. Amit Dua	Developments and Challenges in Software Development Practices and Technologies Needed for Digital India Programme	IIT Roorkee	28 th May – 01 st June 2018	Computer Applications
5.	Mr. Deepak Sharma	STC on Python	DIT University	16 th -19 th May 2018	Computer Applications

6.	Dr. Rakesh Kumar Saini	MATLAB and its applications	DIT University	10 th -12 th July 2017	Computer Applications
7.	Mr. Deepak Sharma	Learning from Data (Machine Learning)	Caltech University	10 th Dec. 2017	Computer Applications
8.	Mr. Deepak Sharma	Introduction to Data Science in Python	MOOC by University of Michigan	27 th July 2017	Computer Applications
9.	Mr. Nafees Ahamad Mr. Arjuna Muduli Ms. Parul Chaudhary Mr. N. K. Verma Mr. S. Bhanuprakash Mr. S. Swranakar Dr. Brajlata Chauhan Ms. Shruti Mr. D N Rao Mr. Anuj Sharma Mr. Maneesh Mr. Vivek K. Gupta Mr. V. Shrivastava Dr. Sandeep Sharma	MATLAB and its Applications	DIT University	10 th -12 th July 2017	EECE
10.	Mr. Digambar Singh	International workshop on “Stability and control of renewable energy based system”	IIT Delhi	2 nd to 3 rd September, 2017	EECE
11.	Mr. Saurabh Awasthi, Mr. Digambar Singh	Workshop on “Consultation in Siemens Centre of excellence for industry relevant skill development”	NIT Kurukshetra	10 th March 2018	EECE
12.	Mr. Dhruva Chaudhary	FDP on IOT-Technology, Applications and Design Perspectives	IIT Roorkee	04 th – 08 th April 2018	EECE
13.	Dr. Sonika Singh	Seminar on “Site – Specific Radio Propagation for analysis and design of wireless systems”	DIT University	23 rd Nov. 2017	EECE
14.	Dr. Sonika Singh	Webinar on "Modeling Ferromagnetic Materials in Electrical Devices with COMSOL”	DIT University	21 st Nov. 2017	EECE
15.	Dr. Sonika Singh	Webinar on "Using Predictive Simulations to Evaluate Opportunities & Challenges for 5G mmWave and FD-MIMO", using Wireless Insite MIMO”	DIT University	07 th Dec. 2017	EECE
16.	Dr. Shachi Negi	International Seminar on Aquatic	Catholic College Kerala	18 th -19 th August 2017	Humanities
17.	Dr. Shachi Negi	National Seminar on Legacy Of Tribes	IGNOU Bhopal	22 nd -23 rd Aug. 2017	Humanities
18.	Dr. M.C. Bhandari Dr. Rakesh Mohan Dr. Jogendra Kumar	Basic Programming on Python	DIT University	14 th – 16 th May 2018	MATHS

	Dr. Shilpi Singhal Dr. A. Sharma Dr. Pooja S. Saxena Dr. Fateh Singh Dr. Nitin K. Kamboj Dr. Vinod K. Gupta Dr. Ruchika Attri				
19.	Dr. Shilpi Singhal	National workshop of Maple	GLA University Mathura	13 th – 17 th April 2018	MATHS
20.	Dr. Abhilasha Sharma	Applications of Graph & Network in Computational Studies, Bioinformatics & Engineering and their Technical Terminology	J. L.N. University Delhi	12 th – 14 th March 2018	MATHS
21.	Dr. Fateh Singh, Dr. Nitin K. Kamboj, Dr. Ruchika Attri	Python	DIT University	10 th March 2018	MATHS
22.	Mr. S. Kushwaha Mr. A. Shrivastava Mr. S. N. Tiwari Mr. Bipin Kishor Mr. Gaurav Sharma Mr. J. P. Agrawal Mr. Bipin Kumar Mr. S. P. Gairola	FEM & Practical Stress Analysis, NAFEMS	DIT University	30 th March-1 st April 2018	Mechanical
23.	S. N. Tiwari	Enhanced Oil Recovery in Indian Oilfields	DIT University	8 th -10 th March 2018	Mechanical
24.	Deepak Kumar	FDP in Workshop Mode on “EDM and Welding Techniques”	DIT University	19 th -21 th Dec.2017	Mechanical
25.	Jai Prakash Agrawal	FDP on Data Analysis using SPSS and SEM using AMOS 24.0 and Introduction to NodeXL and Process	DIT University	18 th -24 th Dec. 2017	Mechanical
26.	Dr. Ravi K. Shukla	Soft and Active Matter Workshop	University of Hyderabad	11 th -17 th Feb. 2018	Physics
27.	Dr. Rajeev Sharma, Dr. Abhijeet Ojha, Mr. Sushant Kumar	Workshop on ABS Mechanism and Conservation of Traditional Knowledge Systems through Patents and IPR Regime	UCOST Dehradun	30 th Jan. 2018	Pharmacy
28.	Dr. Vijay Jain	FDP on Machine Learning with Business Applications	IIM Bangalore	21 st – 25 th May 2018	MBA
29.	Ar. Vartica Saxena	Indigenous Humanized Approach for India’s Sustainable Smart Cities	Himgiri Zee University	07 th Oct. 2017	Architecture
30.	Ar. Jitendra Sarohi	Stakeholder Workshop for Awareness on Uttarakhand ECBC	College of Engineering Roorkee	30 th – 31 st Jan. 2018	Architecture

31.	Chabbi Mishra, Resha Patil, Kartik Vora, Purnima Verma, Abhinav Pratap, Manish Sharma	Stakeholder Workshop for Awareness on Uttarakhand ECBC	Hotel Softel Plaza, Dehradun	26 th May 2018	Architecture
32.	Sana Javaid	Stakeholder Workshop for Awareness on Uttarakhand ECBC	WIC, Dehradun	02 nd -03 rd Dec. 2017	Architecture
33.	Ar. Jitendra Sarohi, Ar. Kapil Kumar	QIP Programme on "Architecture and Planning Pedagogy in Digital Age"	IIT Roorkee	17 th – 21 st July 2017	Architecture
34.	Purnima Verma	Stakeholder Workshop for MaSSHIP Project	DAH New Delhi	06 th Nov. 2017	Architecture

3.7 PhD GUIDANCE BY FACULTY MEMBERS

Sr. No.	Name of Faculty	No. of students enrolled in DIT University	No. of students enrolled in other Universities	Department
1.	Dr. Tarumay Ghoshal	1	NIL	Civil
2.	Dr. M. L. Garg	5	1	CSE
3.	Dr. Srabanti Maji	1	Nil	CSE
4.	Dr. Aditya Kishore Saxena	1	Nil	CSE
5.	Dr. Ritika	2	3	Computer Applications
6.	Dr. S.C. Gupta	2	Nil	EECE
7.	Dr. S.C. Gupta	2	Nil	EECE
8.	Dr. Gagan Singh	6	Nil	EECE
9.	Dr. Santosh Kumar	6	Nil	EECE
10.	Dr. Sandeep Sharma	5	Nil	EECE
11.	Dr. Vijay Negi	3	Nil	Humanities
12.	Dr. Kiran Badoni Mangain	1	Nil	Humanities
13.	Dr. Sakshi Semwal	1	Nil	Humanities
14.	Dr. Rama Sushil	3	2	IT
15.	Dr. Rakesh Mohan	2	Nil	MATHS
16.	Dr. Y. K. Tyagi	7	Nil	Mechanical
17.	Dr. Manoj Kumar	4	4	Mechanical
18.	Dr. Anil K. Patil	1	3	Mechanical
19.	Dr. Manoj Bhatnagar	1	Nil	Physics
20.	Dr. Surbhi Sachdev	1	Nil	Physics
21.	Dr. Parveen Kumar	3	Nil	Physics
22.	Dr. Ravi K. Shukla	3	Nil	Physics

23.	Prof. N.V. Satheesh Madhav	6	Nil	Pharmacy
24.	Dr. Bhavna	1	Nil	Pharmacy
25.	Dr. Prakash Tiwari	2	Nil	MBA
26.	Dr. Hemraj Verma	3	Nil	MBA

3.8 DETAILS OF DOCTORAL RESEARCH

Sr. No.	Name of Scholar	Name of Supervisor (s)	Year of reg.	Full time/ Part time	Status	Research topic	Department
1.	Shakti Kundu	Dr.M. L. Garg	2014	Full Time	Thesis Submitted	Software Agents based web data mining: An Intelligent Approach	CSE
2.	Ajay Narayan Shukla	Dr. M. L. Garg	2014	Part Time	In progress	An improved approach to solve the graph coloring problem	CSE
3.	Anuj Kumar Yadav	Dr. M. L. Garg, Dr. Ritika	2014	Part Time	In progress	An approach for enhanced security in cloud computing environment	CSE
4.	Vaibhav Kumar	Dr. M. L. Garg	2014	Part Time	In progress	Fuzzy logic based noise reduction technique in low illumination image for scene text detection and recognition	CSE
5.	Akash Shrivastava	Dr. M. L. Garg	2014	Part Time	In progress	Bio-inspired dynamic data clustering for big data	CSE
6.	Garima Verma	Dr. Rama Sushil	2014	Part Time	Completed	Identity management in cloud computing	CSE
7.	Dimple Bajaj	Dr. Rama Shushil	2014	Part Time	In progress	An agile approach for developing mobile cloud application	CSE
8.	Rakesh Saini	Dr. Ritika	2014	Part Time	Completed	Class layer modification for QoS in wireless sensor networks	CSE
9.	Ajay Kumar	Dr. Rama Sushil	2014	Part Time	In progress	Design of Machine Learning based approach for the prediction of cancer using Big Data Analytics	CSE

10.	Rupak Chakaraverti	Dr. Rama Sushil, Dr. M.L. Garg	2015	Part Time	In progress	Design of Objective function based segmentation technique and supervised classification scheme for remote sensing images	CSE
11.	Sandip Mandal	Dr. Rama Sushil	2015	Part Time	In progress	Secure Energy saving clustering in WSN.	CSE
12.	Ankita Tyagi	Dr. Ritika, Dr. Aditya Kumar	2017	Full Time	In progress	Intelligent Prognostic Model for Disease Prediction using Machine Learning Techniques	Computer Applications
13.	Nafees	Dr. Ritika	2017	Full Time	In progress	Advanced machine learning techniques for real world data	Computer Applications
14.	Kuldeep Chaudhary	Dr. Santosh Kumar	2014	Part Time	Completed	Design and modelling of photonics devices using electro-optic effect of mach- zehnder interferometers	EECE
15.	Amrindra Pal	Dr. Sandeep Sharma, Dr. Santosh Kumar	2014	Part Time	Thesis Submitted	Design & Modelling of Opto-Electronic Devices for WDM Applications	EECE
16.	Mohamed Samir	Dr. Gagan Singh	2014	Part Time	In progress	Enhancement of controllers used in wind power generation connected to grid	EECE
17.	Nafees Ahamad	Dr. Gagan Singh	2014	Part Time	In progress	Design and Performance Analysis of Optimal Reduced Order Controller using Evolutionary Algorithm	EECE
18.	Parul Chaudhary	Dr. Gagan Singh	2014	Part Time	In progress	Mitigation of Power Quality issues due to integration of Non-Hydro Renewable	EECE

						Energy Resources.	
19.	S. Bhanu prakash	Dr. Gagan Singh	2014	Part Time	In progress	Super capacitors based smoothening of PV power fluctuations	EECE
20.	Sandip Swarnakar	Dr. Sandeep Sharma, Dr. Santosh Kumar	2014	Part Time	Thesis Submitted	Design and Modelling of Integrated Photonic Devices using Photonic Crystals	EECE
21.	Maneesh Kumar Singh	Dr. Sandeep Sharma, Dr. Sonika Singh	2014	Part Time	In progress	Foetal Safety Concern in 2D & 3D Ultra sound Image Technology Analysis & Optimization	EECE
22.	Vivek Kumar Srivastava	Dr. Sandeep Sharma	2014	Part Time	In progress	Design & Modelling of Electro-Optical Devices for Error Detection	EECE
23.	Dhruva Chaudhary	Dr. S.C. Gupta	2014	Part Time	In progress	Design of load bearing conformal microstrip leaky wave antenna	EECE
24.	Chanderkanta	Dr. Santosh Kumar	2015	Full Time	In progress	Design & analysis of combinational & sequential circuits for high speed communication	EECE
25.	Lokendra Singh	Dr. Santosh Kumar	2015	Full Time	In progress	Design & modelling of all optical switching devices using plasmonic metal-insulator metal waveguide	EECE
26.	Rahul Agarwal	Dr. S.C. Gupta	2015	Full Time	In progress	Development of Substrate integrated waveguide based leaky wave antennas	EECE
27.	Amna Bedi	Dr. Santosh Kumar, Dr. Sonika Singh	2016	Full Time	In progress	Surface plasmon resonance based sensors for health monitoring system	EECE
28.	Pravesh Belwal	Dr. S.C. Gupta	2016	Full Time	In progress	Development of SIW and HMSIW based Leaky Wave Antennas	EECE

29.	Saurabh Awasthi	Dr. Gagan Singh	2016	Part Time	In progress	Distributed generation Protection	EECE
30.	Jasbir Singh	Dr. Gagan Singh	2016	Part Time	In progress	VAWT with variable excitation alternator	EECE
31.	Ganga.P	Dr. Gagan Singh	2016	Full Time	In progress	Design & Modelling of a solar energy efficient drive for Railway traction	EECE
32.	Bhavana Sharma	Dr. Sandeep Sharma	2017	Full Time	In progress	Optical coherence tomography	EECE
33.	Padmini Nigam	Dr. Arjuna Muduli	2017	Full Time	In progress	Design & Analysis Of Substrate Integrated Waveguide Based Self-Diplexing & Self-Triplexing Applications	EECE
34.	Neha Agarwal	Dr. Vijay Negi	2013	Full time	Thesis Submitted	Social Constraints and Beyond: Assertion for Self in the Short Stories of Alice Munro	Humanities
35.	Anamika Lal	Dr. Vijay Negi	2014	Full time	In progress	Psychological Analysis of Immigrants Experience: A Study based on the Short Stories of Chitra Banerjee Divakaruni, Rohinton Mistry, Jhumpa Lahiri and Salman Rushdie	Humanities
36.	Neelima Bangwal	Dr. Vijay Negi	2016	Full time	In progress	Image of India in the Selected Works of M G Vassanji	Humanities
37.	Simranjot Kaur	Dr. Kiran Badoni Mamgain	2017	Full time	In progress	State Of Peril: Analyzing Sexual Assault and Rape of the Female in Selected Works of Indian Literature	Humanities
38.	Nitasa Jamwal	Dr. Sakshi Semwal	2017	Full Time	In progress	Cinematic Adaptation: Indian Novels to Indian Films in	Humanities

						the 20 th and 21 st Century	
39.	Seema Yadav	Dr. Rakesh Mohan	2014	Part time	In progress	Performance Evaluation of a Distributed Processing System Using Soft Computing Techniques	MATHS
40.	Pratibha	Dr. Rakesh Mohan	2015	Full time	In progress	On Study Of Commutative Ring Finitely Generated By Abelian Group	MATHS
41.	Ravi Kumar	Dr. Manoj Kumar, Dr. A. K. Patil	2014	Part time	In progress	An experimental investigation of Heat penetration in Large size element at high temperature for sensible heat thermal energy storage system	Mechanical
42.	Rajeev Pandey	Dr. Manoj Kumar, Dr. J. S. Saini	2014	Part time	In progress	Experimental investigation on Heat and fluid flow characteristics of the rectangular channel having blocks with elongated holes	Mechanical
43.	R. Rajan	Dr. Y. K. Tyagi	2014	Part time	In progress	Investigations on the influence of blast furnace slag and coir fiber in brake friction composite materials on the performance properties	Mechanical
44.	Mohammad Faraz Azeem	Dr. Y. K. Tyagi	2014	Part time	In progress	Buckling and Vibration Analysis of Laminated Composite Plates with Elastic Supports	Mechanical
45.	Mohammad Aftab Azam	Dr. Y. K. Tyagi	2014	Part time	In progress	Optimization of process parameters for welding of aluminum alloys using friction stir	Mechanical

						welding process for maximum tensile strength of the welding joint	
46.	Pankaj Singh Chandel	Dr. Y. K. Tyagi	2014	Part time	In progress	Interlaminar fracture toughness in composite materials with crack develop between two dissimilar material ply	Mechanical
47.	S. P. Gairola	Dr. Y. K. Tyagi	2014	Part time	In progress	Fabrication and characterization of non woven bio degradable composite with wood ash and banana fiber, hybrid reinforced composite	Mechanical
48.	Nitin K. Gupta	Dr. Manoj Kumar	2015	Part time	In progress	Development of self-healing materials and their tribological studies	Mechanical
49.	Gaurav P. Srivastava	Dr. Manoj Kumar, Dr. A. K. Patil	2016	Part time	In progress	An experimental investigation of heat transfer & pressure drop in a circular tube with perforated conical inserts	Mechanical
50.	Nalin Somani	Dr. Y. K. Tyagi	2017	Part time	In progress	Fabrication and tribological study of copper based sintered electrode for EDM applications	Mechanical
51.	Ashish Kumar	Dr. Y. K. Tyagi	2017	Part time	In progress	Mechanical characterization of Glass fiber reinforced polymer composite doped with Multi wall Carbon nano tubes	Mechanical
52.	Amar Kumar Jain	Dr. Manoj Kumar,	2017	Part time	In progress	Tribological investigations of	Mechanical

		Dr. G. D. Thakre				piston ring-liner system	
53.	Amit Badola	Dr. Manoj Bhatnagar	2013	Full time	In progress	Study and Analysis of Neutron Resonance Parameters and Cross-Sections	Physics
54.	Khushbu	Dr. Parveen Kumar	2015	Full time	In progress	Synthesis and characterization of binary/ ternary systems of BaTiO ₃ /PbZrO ₃ /RFeO ₃ (R=Bi, Sm etc.)	Physics
55.	Anshu mehta	Dr. Parveen Kumar, Dr. Chandra Prakash	2017	Full time	In progress	Lead free piezoelectric materials for energy storing, solid state cooling and embedded capacitor applications	Physics
56.	Neha	Dr. Parveen Kumar, Dr. Chandra Prakash	2017	Full time	In progress	Electrical and magnetic properties of BZT-BCT system modified at A site by Sm and B site by Fe	Physics
57.	Prayas Singh	Dr. Ravi K Shukla, Dr. Surbhi Sachdev	2017	Full Time	In progress	Investigations of morphological, thermal and physicochemical behaviour lyotropic liquid crystalline nanocolloids	Physics
58.	Yogita	Dr. Ravi K. Shukla, Dr. K.K. Raina	2017	Full Time	In progress	Preparation and characterization of eco-friendly lyotropic liquid crystal materials as green template	Physics
59.	Deepika Raina	Prof. N.V. Satheesh Madhav	2013	Full Time	Thesis submitted	Design and Evaluation of Bio-Nanogel loaded with Duloxetine and Escitalopram for Brain	Pharmacy

						Targeting via External Acoustic Meatus	
60.	Sugandha Varshney	Prof. N.V. Satheesh Madhav	2013	Full Time	Thesis submitted	Development and Evaluation of Bio-Flexy Films Loaded With Nanosized Topiramate And Tiagabine For Brain Specificity Via Oro Trans-Soft Palatal Route	Pharmacy
61.	Kirti Singh	Prof. N.V. Satheesh Madhav	2014	Full Time	In progress	Formulation and evaluation of atorvastatin and Rosuvastatin bionanoformulations for nabhi drug delivery	Pharmacy
62.	Vishakha Jaiswal	Prof. N.V. Satheesh Madhav	2014	Full Time	In progress	Formulation and evaluation of bio-flexy strips loaded with nanosized aripiprazole and Bromocriptine for brain targeting via translabial mucosa	Pharmacy
63.	Yogita Tyagi	Prof. N.V. Satheesh Madhav	2015	Full Time	In progress	Formulation and evaluation of nanosized Selegiline and Fluvoxamine loaded bio nanosuspension for brain specificity via Ocular route	Pharmacy
64.	Bhavana Singh	Prof. N.V. Satheesh Madhav	2015	Full Time	In progress	Development and evaluation of bioflexi films loaded with nanosized Olanzapine and Risperidone for brain specificity via trans labial drug delivery system	Pharmacy
65.	Deepika Sharma	Dr. Bhavna	2016	Full Time	In progress	Designing targeted nanoformulations of gliptins for the treatment of Dementia	Pharmacy
66.	Shalini Singh	Dr. Hemraj Verma	2014	Full time	Thesis submitted	Online Impulse buying –an Indian study	MBA
67.	Deepak Bangwal	Dr. Prakash Tiwari	2014	Full Time	Thesis Submitted	Green HRM	MBA

68.	Vikas Arya	Dr. Hemraj Verma	2015	Full time	In progress	Brand Attachment and its impact on Consumer Behavior	MBA
-----	------------	------------------	------	-----------	-------------	--	-----

3.9 AWARDS/ HONOR'S CONFERRED

Sr. No.	Name of Faculty	Name of Award	Awarding agency/Societies	Department
1.	Dr. Tarumay Ghoshal	Research Excellence Award	DIT University	Civil
2.	Ajay Shankar	Inspire Faculty Partnership Awards 2018 ("Gold")	Infosys	CSE
3.	Dr. Santosh Kumar	Research Excellence Award	DIT University	EECE
4.	Dr. Manoj Kumar	Outstanding Reviewer certificate	Elsevier	Mechanical
5.	Dr. Anil K. Patil	Outstanding Reviewer certificate	Elsevier	Mechanical
6.	Dr. Ritika	NPTEL SPOC certificate	NPTEL	Computer Applications
7.	Dr. Rakesh Kumar Saini	NPTEL Mentor certificate	NPTEL	Computer Applications
8.	Ms. Deepika Sharma (Research Scholar)	First award in National Science Day, 2018	DIT University	Pharmacy
9.	Dr. Ravi Kumar Shukla	Research Excellence Award	DIT University	Physics
10.	Dr. Parveen Kumar	Research Excellence Award	DIT University	Physics
11.	Ar. Vartica Saxena	Best Speaker, Conference "Role of Green energy in sustainable future"	Hingiri Zee University	Architecture
12.	Ar. Rajiv Surya Sathuri	First prize in the Category of Industrial Design in the ADI International Design Competition for the Design of Care-S Wheelchair cum Stretcher	ADI Design Awards 2017	Architecture

3.10 CONFERENCE SESSION(S) CHAIRED BY FACULTY MEMBERS

Sr. No.	Name of Faculty	Name of Conference and session chaired	Place	Date	Department
1	Dr. Rakesh Kumar Saini	2 nd International Conference on Advances in Computing Sciences "Data Science"	Uttaranchal University, Uttarakhand	20 th -21 st 2018	Computer Applications

3.11 MEMBERSHIPS/ASSOCIATIONS OF THE FACULTY MEMBERS IN PROFESSIONAL SOCIETIES

Sr. No.	Name of Faculty	Name of Societies	Membership type	Department
1.	Dr. Harish Chandra Mehndiratta	Indian Road Congress	Life Member	Civil
2.	Dr. Harish Chandra Mehndiratta	Indian Society for Desert Technology	Life Member	Civil
3.	Dr M L Garg	ACM USA	Member	CSE
4.	Dr M L Garg	IETE, India	Member	CSE
5.	Dr. M L Garg	Association of PSEB Engineers	Member	CSE
6.	Dr. M L Garg	International Journal of Cloud Computing and Super Computing	Member	CSE
7.	Dr. Ashok Kumar	Computer Science Society of India	Member	CSE
8.	Mr. Ajay Kumar	IETE	Life Member	CSE
9.	Mr. Ajay Kumar	ACM	Annual	CSE
10.	Mr. Ajay Kumar	UACEE	For 3 years only	CSE
11.	Mr. Vaibhav Kumar	International Association of Engineers, Hong Kong	Member	CSE
12.	Mr. Vaibhav Kumar	International Association of Computer Science and Information Technology	Member	CSE
13.	Dr. Ritika	Computer Society of India	Life member	Computer Applications
14.	Dr. Ritika	IEEE computer Society	Member	Computer Applications
15.	Dr. Ritika	Indian Science Congress Association	Life Member	Computer Applications
16.	Dr. Ritika	The Institution of Electronics & Telecommunication Engineers	Life Member	Computer Applications
17.	Dr. Ritika	International Associations of Engineers	Life Member	Computer Applications
18.	Dr. Gagan Singh	ISTE	Life Member	EECE
19.	Dr. Santosh Kumar	Optical Society of India	Life Member	EECE
20.	Dr. Santosh Kumar	IEEE, IEEE Photonics Society	Graduate member	EECE
21.	Dr. Santosh Kumar	Society of Photo-Optical Instrumentation Engineers (SPIE)	Regular Member	EECE
22.	Dr. Santosh Kumar	Optical Society of America (OSA)	Graduate member	EECE
23.	Brajlata Chauhan	IETE	Life Member	EECE

24.	Brajlata Chauhan	IEEE Microwave Society	Member	EECE
25.	Dr. Ajay Kumar Singh	South Asian Network for Development and Environmental Economics (SANDEE), Nepal	Life Member	Humanities
26.	Dr. Ajay Kumar Singh	Poverty Reduction, Equity Growth Network (PGNet), Germany	Life Member	Humanities
27.	Dr. Ajay Kumar Singh	Indian Society for Ecological Economics (INSEE), India	Life Member	Humanities
28.	Dr. Ajay Kumar Singh	Economist Intelligence Unit (EIU), USA	Life Member	Humanities
29.	Dr. Ajay Kumar Singh	Indian Econometric Society (TIES), India	Life Member	Humanities
30.	Dr. Ajay Kumar Singh	Center for Global Development Network (CGDN), Germany	Life Member	Humanities
31.	Dr. Ajay Kumar Singh	Food Security Center (FSC), University of Hohenheim, Stuttgart (Germany)	Life Member	Humanities
32.	Dr. Ajay Kumar Singh	International Society for Development and Sustainability (ISDS), Japan	Life Member	Humanities
33.	Dr. Ajay Kumar Singh	NABARD	Life Member	Humanities
34.	Mrs. Garima Verma	CSI	Life Member	IT
35.	Dr. Rama Sushil	CSI	Nominee DITU student chapter	IT
36.	Dr. Rama Sushil	Tech republic	Life Member	IT
37.	Mr. T. Santosh	CSI	Nominee DITU student chapter	IT
38.	Dr. Fateh Singh	Indian Society of Biomechanics	Life Member	MATHS
39.	Dr. Fateh Singh	Trinity Mathematical Society	Life Member	MATHS
40.	Dr. Vinod K. Gupta	Mathematical Society B.H.U.	Life Member	MATHS
41.	Dr. Abhilasha Sharma	International Academy of Physical Sciences, Allahabad	Life Member	MATHS
42.	Dr. Pooja S. Saxena	Indian Mathematical Society	Life Member	MATHS
43.	Dr. Pooja S. Saxena	The Indian Society for Technical Education	Life Member	MATHS
44.	Mr. Pankaj Singh Chandel	SAE, India	Annual	Mechanical
45.	Mr. R Rajan	SAE, India	Annual	Mechanical
46.	Dr. Manoj Kumar	ISHMT	Life Member	Mechanical
47.	Dr. Manoj Kumar	IE(I)	Life Member	Mechanical
48.	Dr. Anil Kumar Patil	ISHMT	Member	Mechanical

49.	Dr. S. K. Gupta	Institute of physics (London)	Life member	Physics
50.	Dr. Ravi K Shukla	Indian liquid crystal society	Life Member	Physics
51.	Dr. Ravi Kumar Shukla	Material research society of India	Life Member	Physics
52.	Dr. Pankaj Chamoli	Indian Carbon Society	Life Member	Physics
53.	Dr. Pankaj Chamoli	Material research society of India	Life Member	Physics
54.	Dr. Samta	Material research society (International)	Life Member	Physics
55.	Dr. Parveen Kumar	Material research society of India	Life Member	Physics
56.	Dr. Anuj Kumar	Material research society of India	Life Member	Physics
57.	Dr. Anuj Kumar	Indian Physical Society	Life Member	Physics
58.	Dr. Anuj Kumar	Magnetics Society of India	Life Member	Physics
59.	Dr. Anuj Kumar	Indian Physics Association	Life Member	Physics
60.	Dr. Anuj Kumar	Indian Science Congress Association	Life Member	Physics
61.	Mr. Gopal Kumar	SPE	Annual	Petroleum
62.	Dr. Tinku Saikia	SPE	Annual	Petroleum
63.	Mr. Gaurav Richhariya	SPE	Annual	Petroleum
64.	Dr. Nitesh Kumar	SPE	Annual	Petroleum
65.	Prof. N.V. Satheesh Madhav	Indian Pharma. Assoc., Assoc. of Pharma. Teachers Of India, Pharmacy Council of India	Life Member	Pharmacy
66.	Mr. Vijay Rana Dr. Rajeew Sharma Dr. Lakshmi Kanta Kanthal	Indian Pharma. Assoc., Assoc. of Pharma. Teachers Of India	Life Member	Pharmacy
67.	Mr. Sameer Bhargav Dr. Harish Chandra Dr. Abhijeet Ojha	Indian Pharma. Association	Life Member	Pharmacy
68.	Dr. Bhavna	Indian Pharma. Assoc., Indian Pharma. Graduate Assoc., Society of Pharma. Assoc. Research	Life Member	Pharmacy
69.	Dr. Anuj Nautiyal Mr. Sushant Gupta	Indian Pharma. Association	Life Member	Pharmacy
70.	Dr. Manmohan Singhal	Assoc. of Pharma. Teachers Of India	Life Member	Pharmacy
71.	Prof. Nehru Lal	Council of Architecture	Life Member	Architecture
72.	Prof. Chhabi Mishra	Council of Architecture	Life Member	Architecture
73.	Prof. Resha Patil	Council of Architecture	Life Member	Architecture

74.	Prof. Kartik Vora	Council of Architecture	Life Member	Architecture
75.	Prof. Anubha Kakroo	Council of Architecture	Life Member	Architecture
76.	Prof. Akshay Kaul	Council of Architecture	Life Member	Architecture
77.	Prof. Anupam Bansal	Council of Architecture	Life Member	Architecture
78.	Asso. Anwar Kamal	Council of Architecture	Life Member	Architecture
79.	Asso. Magali Rastogi	Council of Architecture	Life Member	Architecture
80.	Mr. Jitendra Sarohi	Council of Architecture	Life Member	Architecture
81.	Mr. Sandeep M. Saxena	Council of Architecture	Life Member	Architecture
82.	Ms. Vartica Saxena	Council of Architecture	Life Member	Architecture
83.	Ar. Vivek Kumar	Council of Architecture	Life Member	Architecture
84.	Mr. Kapil Kumar	Council of Architecture	Life Member	Architecture
85.	Mr. Kartik Mahon	Council of Architecture	Life Member	Architecture
86.	Ms. Neelima Yadav	Council of Architecture	Life Member	Architecture
87.	Mr. N. Chattopadhyay	Council of Architecture	Life Member	Architecture
88.	Ms. Sana Javaid	Council of Architecture	Life Member	Architecture
89.	Ms. Purnima Verma	Council of Architecture	Life Member	Architecture
90.	Mr. Md. Rashideen Saifi	Council of Architecture	Life Member	Architecture
91.	Ar. Siddhartha Mukherjee	Council of Architecture	Life Member	Architecture
92.	Ar. Idha Sharma	Council of Architecture	Life Member	Architecture
93.	Ar. Amrita Ghosh	Council of Architecture	Life Member	Architecture
94.	Ar. Manish P. Sharma	Council of Architecture	Life Member	Architecture
95.	Ar. Abhinav Pratap	Council of Architecture	Life Member	Architecture
96.	Ar. Ojasvi Jagitha	Council of Architecture	Life Member	Architecture
97.	Ar. Monikuntala Das	Council of Architecture	Life Member	Architecture
98.	Ar. Tridib Ray	Council of Architecture	Life Member	Architecture
99.	Ar. Akash Singh	Council of Architecture	Life Member	Architecture
100.	Ar. Rajiv Surya	Council of Architecture	Life Member	Architecture
101.	Ar. Swati Negi	Council of Architecture	Life Member	Architecture

3.12 GUEST LECTURES DELIVERED

Sr. No.	Name of Faculty	Title of the Lecture	Place	Date	Department
1.	Dr. Sonika Singh	Current trends in Communication Technology	Telcocrats Technologies Chandigarh	22 nd - 23 rd Dec. 2017	EECE

2.	Dr. Vijay Negi	Teaching Learning Process	DIT University	18 th Dec. 2017	Humanities
3.	Dr. Rama Sushil	Pointers in 'C++'	GIS School Dehradun	25 th Nov. 2017	IT
4.	Prof. G. P. Kapoor	Fractal Modeling in Prediction of Stock Prices	DIT Unviersity	13 th - 14 th October 2017	MATHS
5.	Ar. Kartik Vora	Innovating Architectural Design Innovation	Aurora Design School, Hyderabad	24 th November 2017	Architecture
6.	Ar. Sana Javaid	Perception of Spatial Characteristics of Environment by People with Visual Impairment	National Institute for Visually Handicapped, Dehradun	December 2017	Architecture
7.	Ar. Siddhartha Mukherjee	Design Thinking	Doon School	August 2017	Architecture
8.	Ar. Sana Javaid	Explorations in Universal Design	DC College of Architecture, Kerala	February 2018	Architecture

3.13 INDUSTRIAL TOURS / VISITS

Sr. No.	Faculty Coordinator	Place	No. of Students	Date	Department
1.	Mr. Ashish Bhatt	Delhi-Jaipur-Agra	90	16 th -21 st Dec. 2017	Civil
2.	Mr. Sandip Mandal	Chandigarh & Manali	198	14 th -19 th Dec. 2017	CSE
3.	Mr. Chirag Joshi	Chandigarh & Manali	183	17 th - 22 nd Dec. 2017	CSE
4.	Mr. Rahul Kumar	Chandigarh & Manali	123	19 th - 24 th Dec. 2017	CSE
5.	Mr. Ajay Shankar	Chandigarh & Manali	64	23 rd - 28 th Dec. 2017	CSE
6.	Mr. Amit Dua, Mr. Ashish Saxena	Infosys's Chandigarh	65	02 nd -06 th Feb. 2018	Computer Applications
7.	Mr. Nafees Ahmed	Udaipur & Jaipur	77	15 th – 20 th Dec. 2017	EECE
8.	Dr. Sonika Singh	Doordarshan Kendra Dehradun	12	16 th Feb. 2018	EECE
9.	P. Singh Rawat	Manali-Chandigarh	88	23 rd – 28 th Dec. 2017	IT
10.	Mr. Deepak Vanjari	Ahmedabad	74	16 th - 21 st , Dec. 2017	PETROLEUM
11.	Dr. M. Singhal, Dr. Abhijeet Ojha, Mr. Shushant Gupta	Chemicure Laboratory, Udaipur	55	15 th – 20 th Dec. 2017	PHARMACY

12.	Mr. Vijay Singh Rana, Dr. Rajeev Sharma and Dr. Anuj Nautiyal	IPCA Pharmaceuticals, Selaqui, Dehradun	30	24 th January 2018	PHARMACY
13.	Dr. Rajeev sharma, Dr. Anhijeet Ojha, Dr. Bhavna	Indian Glycol Limited, Selaqui, and Dehradun.	25	10 th Feb. 2018	PHARMACY
14.	Mr. Ashish Kumar	Pantnagar, Haridwar, Nainital	166	18 th -22 nd Dec. 2017	MECHANICAL
15.	Dr. Vijay Jain	Rajasthan	64	September 2017	MBA
16.	Neha Joshi	Manali	200	December 2017	MBA
17.	Dr. Vikas Tyagi	Rajasthan	64	September 2017	MBA
18.	Ar. Akash Singh Ar. Monikuntala Das Ar. Vartica Saxena Ar. Tridib Ray	Maheshwar, Madhya Pradesh	57	17 th – 22 nd December 2017	Architecture
19.	Ar. Monikuntala Das Ar. Vartica Saxena Ar. Purnima Verma Er. Harsh Goyal	Hastinapur	71	11 th January 2018	Architecture
20.	Ar. Sana Javaid Ar. Tridib Ray	Chandigarh	57	13 th – 14 th August 2017	Architecture
21.	Ar. Abhinav Pratap Ar. Rajiv Surya	FRI Museum	11	September 2017	Architecture

3.14UG PROJECTS

Sr. No.	Name of Student	Guide	Title of Project	Department
1.	Shashank Kumar Shubham Sharma Aakash Soni Vineet Siwach Ayush Chauhan	Mr. Subrata Mondal	Polymer modification of Bitumen and its Effects	Civil
2.	Bipul Sharma Jaishankar Geetanshu Sharma Prashant Kandpal	Mr. Apoorv jain	Saturation flow estimated for Heterogeneous Traffic	Civil
3.	Manas Kumar Kartik Kumar Ashish Gosmai Faijaan Ali Ansari Yash Saxena	Mr. Sandeep Thirunagaru	Study on bamboo Infilled Material as reinforcement	Civil
4.	Kumar Shubham Aakash Raj Kumar Shivam Abhisek Kumar Prasar Cheylaka Hopak	Mr Mohit Kumar Singh	Development and Validation of linear Regression Equation to predict CBR value from SPT 'N' Value	Civil

5.	Reetam Dutta Passang lhamu Bhutia Souvik Chanda Maneet Singh Wadhwa	Mr. Harsh Goyal	Process Efficiency of DIT University Sewage Treatment Plant	Civil
6.	Kunal Dhawan Pankaj Chaudhary Rohan Rawat	Mr. Gagandeep Singh	Emergency Management System Using GIS	Civil
7.	Mohamad Farhan Rafi Ananay Garg Kanika Malik Akshay Anand	Mr. Dharmendra Singh	Extraction of Drainage Pattern in Dehradun City By Using Geospatial Technology	Civil
8.	Chandra Shekhar Dangwal Harshit Joshi Shivam Pandey Siddhant Kumar	Mr. Mukesh Petshali	Seismic Performance of Building on hill Slopes of Uttarakhand	Civil
9.	Shivam Kandari Shivam Kumar Tarun Singh Rawat Chandranshu Maurya Shubham Mandoliya	Mr. Gagandeep Singh	Watershed Delineation and Development Using GIS	Civil
10.	Sarvesh Maurya Aviral Singh Abu Saleem Ansari Anish Kumar	Mr. Ishan Sharma	Light Weight Concrete using Polystyrene Beads	Civil
11.	Shivam Gupta	Mr. T Santosh	Explorify-A Location Recommender	CSE
12.	Shashank Chamoli	Mr. Rupak Chakraborty	Image Classifier	CSE
13.	Abhishek Bhatt Rishabh Dangwal	Mr. B.K.Gupta	Sentimental Analysis	CSE
14.	Shivam Verma Chandi Agarwal Sakshi Agarwal Sukrity Shrivastava	Mr. Sarvesh Shukla	Family Security System	CSE
15.	Chirag Gulati Aayush Thapliyal	Mr. Chirag Joshi	Home Automation System	CSE
16.	Tribhuvan Singh Yashvardhan Jain	Mr. Vaibhav Kumar	Author Prediction using Deep Learning	CSE
17.	Aditya Mittal Shubham Mudgal	Mr. B.K. Gupta	Felicity-(A Personal Voice Assistant)	CSE
18.	Kushaal Manjot Abhishek Rathor	Mr. Anuj Kumar Yadav	Food Supply prediction using Satellite Imagery	CSE
19.	Arif Ansari Amit Kumar Singh Pritam Kumar	Mr. Vaibhav Kumar	Wind Prediction Model	CSE
20.	Kanchan, P. Shailja	Mr. Sarvesh Shukla	Side Real	CSE
21.	Shubham Sharma	Dr. R.K. Saini	P2P Force	Computer Application
22.	Sadaf Hasan	Dr. R.K.Saini	Lending Management System	Computer Application
23.	Hasan Faraz Khan	Dr. R.K.Saini	TRYME4U	Computer Application

24.	Satyam maheswari	Mr. Amit Dua	“Carpool App” for Android	Computer Application
25.	Ankit Sharma	Mr. Amit Dua	“Devotional App” for Android and IOS	Computer Application
26.	Ashish Pratap Singh	Mr. Amit Dua	Car rental	Computer Application
27.	Sidharath Pathak	Dr. Ritika	Restaurant Billing Portal	Computer Application
28.	Mr. Deepak Sharma	Mr. Deepak Sharma	IOT based internal inspection of pipeline	Computer Application
29.	Akansha Chauhan	Mr. Deepak Sharma	Smart Buckets	Computer Application
30.	Mitanshi Bisht, Aditya Lama, Anushka Gupta	Mr. Anurag Bansal	Induct rack Magnetic Levitated Train	EECE
31.	Abhishek Pandey, Himanshu Arora, Ankit Pant, Harsh Kabdal	Mr. Nafees Ahamad	Magnetic Levitated Windmill Hybrid System	EECE
32.	Devashish Bhatt, Avnish Kumar, Amandeep Singh	Ms. Parul Chaudhary	Designing of Electrical System of A Vertical Axis Windmill Using Magnetic Levitation	EECE
33.	Oshi Khurana, Chirayu Tripathi	Mr. Prasanjit Kar	Microgeneration Using Wind Trees	EECE
34.	Jaiveer Singh Bisht, Ravi Singh Rawat	Mr. Mohamed Samir	ARDUINO Based Wireless Temperature Monitoring Management in Industry	EECE
35.	Sonal, Mehul Garg, Sandipan Dawn	Mr. Maneesh Kumar Singh	Automatic Soil Quality Detecting System	EECE
36.	Sushant Gwari, Ajay Khanduri, Vishesh Pahuja	Prof. A.K. Gupta	Earthquake Detection System	EECE
37.	Shristi Khandelwal, Shivam Kumar Singh, Tejas Mishra	Mr. Saurabh Mishra	IOT Based Automatic Toll Plaza Billing System	EECE
38.	Anupam Thapa, Chaitali Dawra	Dr. Sandeep Sharma	Medicine Vending Machine	EECE
39.	Isha Thapa, Rahul Victor, Mayank Lohani, Manini Sarvapriya	Dr. S.C.Gupta Mr. Dhruva Choudhary	Miniaturized Multi-band Micro-strip Patch Antenna for WLAN/Wi-Max Applications	EECE
40.	Chandra Shekher, Sucheta, Harsh	Dr. Brajlata Chauhan	Wireless Transmitter Receiver includes antenna designing for 100 meter range	EECE
41.	Rajni, himini, Uttkarsh	Dr. Brajlata Chauhan	Conformal Antenna for Wrist watch application	EECE
42.	Rishab Mittal Akash Raj	Mr. Narender Kumar	Currency Evaluator For Blind People	IT
43.	Pradeep Singh AkashKwatra Shudhanshu Gupta Alok Kumar	Mr. KuntalChudhary	Advance Fire Fighting Robot	IT

44.	Yugant Agarwal	Mr. Kuntal Chudhary	Technical Enabled reading Aid for Visionless	IT
45.	Sneha Pratap Samiksha	Dr. Maniak	3D Analysis of city model	IT
46.	Aditi Bhardwaj Akash Singh Pankaj Bhatt Neelab Verma	Dr. Rama Sushil	Online quiz portal	IT
47.	Tarun Rai Shubham Thapa Avinash Chaudhary Shivam Srivastava Mayank Verma	Md. Aftab Azam	Design and development of a miniature solar refrigerator for medicine	Mechanical
48.	Sankalp Sharma Utkarsh Jain Sandeep Jhawar Hitesh Sharma	Mr. S N Tiwari	Demonstration of gyroscopic couple through self-balancing stick	Mechanical
49.	Akshita Sharma Utkarsh Raj Raju Kamal	Md. Aftab Azam	Manually operated winch for high rise wall painting	Mechanical
50.	Rishabh Dhir Sarang Agarwal Pulkit Mittal Harshit Tari Siddiqui	Mr. Ravi Kumar	Paddle operated centrifugal pump	Mechanical
51.	Rajat Navin Negi Ajay S Bisht Harshkant Sharma	Mr. Anshul Gupta	wall painting machine	Mechanical
52.	Ifhaam Ahemad Manoj Dutt Joshi Gaurav Agrawal Neeraj Mishra Saurabh Srivastava	Mr. kapil kumar	Mechanism to convert oscillatory motion into rotating motion.	Mechanical
53.	Sumeet Aggarwal Rajesh Sahani Rohit Jha Chinmay Sharma	Prof. Umesh Wazir	Adjustable track width vehicle	Mechanical
54.	Shrey Agrwal Sajal Gupta	Mr. Ashish Kumar	Study and demonstration of breaking system	Mechanical
55.	Rishabh Agnihotri, Naman Goel, Vinay Banyal, Maharshi Vyas	Mr. Deepak Vanjari	Pipeline Inspection system	Petroleum
56.	Natana Iomoro Gibson Jadri	Mr. Gopal Kumar	Sand Consolidation using chemical Methods	Petroleum
57.	Simran Gupta, Shravishtha Juyal, Athar Hussain, Amarinder Singh Raina	Dr. Nitesh Kumar	Application of nano technology in oil & gas industries	Petroleum
58.	Shubham Singhal, Neelanksh Gala, Yatin Lohani	Dr. Himangshu Kakati	Reservoir Simulation and history matching	Petroleum
59.	Akaash Kumar	Dr. Nitesh kumar	Development of synthetic oil based drilling fluid	Petroleum

			using indigenously develop oil	
60.	Satya Prakash, Dhanjay Kumar, Ankit Kumar, Anmol Singh	Mr. Gopal Kumar	Formulation of NDDF system with HT Starch	Petroleum
61.	Binish Khan, Sushma Kumari, Manas, Ravinder Singh	Mr. Gaurav Richhariya	Performance analysis of wells for productive enhancement	Petroleum
62.	Adil Ansar, Mohd. Khizer Hayat, Kanishka Singh, Kriti Singhal	Mr. Gopal Kumar	Enhanced oil recovery by electric and electromagnetic Method	Petroleum
63.	Siddharth Singh	Prof. N. V. Satheesh Madhav	Development And Evaluation Of Nano Phyto Constituent Curcumin Loaded Bio-Nano gel	Pharmacy
64.	Aman Singh	Prof. N. V. Satheesh Madhav	Development And Evaluation Of Anticholitis Loaded Biosite Specific Formulation For Colitis	Pharmacy
65.	Narender Bisht	Prof. N. V. Satheesh Madhav	Development And Evaluation Of Olanzapine Loaded Nano emulsion For Transcranial Delivery	Pharmacy
66.	Deepak Pokhriyal	Dr. Harish Chandra	Development And Evaluation Of Doxycycline Loaded Mucoadhesive Films	Pharmacy
67.	Swarna Raj	Dr. Bhavna	Design And Evaluation Of Liposomes For Anti-Diabetic Drugs	Pharmacy
68.	Somesh	Dr. Abhijeet Ojha	Formulation And Evaluation Of Adolosin Loaded Bioneomin Gel	Pharmacy
69.	Saloni Panwar	Dr. Anuj Nautiyal	Prevalence And Drug Utilization In Alopecia In Dehradun	Pharmacy
70.	Megha Kaptiyal	Dr. Manmohan Singhal	Drug Utilization For Complications In Pregnancy	Pharmacy
71.	Kunalika Bhatia	Dr. Lakshmi Kanta Kanthal	A Survey On Drug Utilization Pattern For Hyperlipidemia & Its Complication	Pharmacy
72.	Shubham Kumar	Dr. Md. Habban Akhter	Formulation and Evaluation nanogel of miconazole for topical delivery	Pharmacy
73.	Aman Rajaura	Prof. Resha Patil	Music Museum	Architecture
74.	Ayesha Singh	Ar. Kapil Kumar	Cultural Centre	Architecture
75.	Himanshu Negi	Ar. Monikuntala Das	Science City	Architecture
76.	Radhika Goyal	Ar. Sana Javaid	Women Empowerment Centre	Architecture
77.	Rakshit Goyal	Ar. Jitendra Sarohi	Multi specialty hospital	Architecture

78.	Soumyadeep Dutta	Prof. Resha Patil	Kumartuli: The abode of idol making	Architecture
79.	Stuti Arora	Ar. Sana Javaid	SOS Village	Architecture
80.	Rohan Oberoi	Prof. Resha Patil	Silk Factory: Revival Adaptive Reuse	Architecture
81.	Tanvee Gupta	Prof. Rocio Jarabo	Redevelopment of Indira Dock, Mumbai	Architecture
82.	Yash Kumar Jain	Ar. Tridib Ray	Transit Compact Stay Hub	Architecture

3.15 M.TECH/M.PHARM DISSERTATION

Sr. No.	Name of Student	Supervisor(s)	Title of Thesis	Department
1.	Zahid Hussain	Mr. Bhushan Kumar	Improving the strength and durability of concrete using GGBS and other cementitious material	Civil
2.	Rishabh Chauhan	Mr. Mukesh Petshali	Seismic performance of multi-storey building with soft story at different level with RC shear wall in seismic zone 4 using tabs	Civil
3.	Rohit Maheshwari	Mr. Bhushan Kumar	Comparison of bonding behaviour of bamboo reinforcement in concrete column using different bonding material	Civil
4.	Yugant Kumar	Mr. Aman Saini	Comparison of bonding behavior of bamboo fiber in concrete using different bonding material	Civil
5.	Rahul	Mr. Aman Saini	Study of light weight concrete behavior	Civil
6.	Aman Kumar	Mr. Mohit Singh	Performance of soil cement	Civil
7.	Pranav Rana	Mr. Bhushan Kumar	Retrofitting and repairing using composite materials	Civil
8.	Suresh Chander Dabral	Mr.T Sandeep	Statistical Approach for Concrete Mix Proportioning	Civil
9.	Kushagra Sharma	Dr. Mainak Bandhopadhyay	Segmentation based approach for determining episodes in spatial trajectory data	CSE
10.	Charu Negi	Dr. M .L. Garg	Sudoku solver based on vertex coloring	CSE
11.	Srishti Arora	Dr. Srabanti Maji	Machine learning techniques for prediction of heart disease	CSE
12.	RooshaShamoon	Dr. Radha Guha	Approaches toward future IOT-Internet of things for smart city	CSE
13.	Luv Goyal	Mr. Soumenkanrar	Image restoration and its analysis	CSE
14.	Aditi Natiyal	Dr. Amit Kumar Mishra	Machine learning techniques for prediction of cancer through big data analysis	CSE
15.	Shivali Pundir	Dr. Aditya Kishore Saxena	Analysis review and implementation of marker controlled method using watershed segmentation	CSE

16.	Sapna Rathi	Dr Santosh Kumar, Mr. Sandip Swarnakar	Design of Digital Switches using Photonic Crystals	EECE
17.	Vishwjeet Choudhary	Dr. Anil Kumar Patil, Dr. Manoj Kumar	Experimental investigation of heat transfer and fluid flow characteristics of pin fin heat sink with wings under forced convection	Mechanical
18.	Ayush Gupta	Dr. Manoj Kumar, Dr. Anil Kumar Patil	Thermal performance of a plate fin heat sink with dimples under forced convection	Mechanical
19.	Amir Khan	Dr. Rajesh Maithani, Mr. Mohit Nagpal	Experimental investigation of jet impingement on a smooth absorber plate of a solar air heater	Mechanical
20.	Ankit Choudhary	Dr. Manoj Kumar, Dr. Sunil Chamoli	Experimental investigation of heat transfer and friction factor characteristics in cross flow tube bank with integral splitter plate	Mechanical
21.	Taniya	Dr. Rajesh Maithani, Mr. Mohit Nagpal	Design analysis of parabolic solar trough collector	Mechanical
22.	Yashika Sharma	Prof.(Dr.)N V Satheesh Madhav	Design and evaluation of nanosized Vitamic C loaded bio collides for brain specificity via ear	Pharmacy
23.	Harshita Nehru	Prof. N. V. Satheesh Madhav	Design and evaluation of bio nano suspension loaded citrizine for brain targeting via ocular route	Pharmacy
24.	Ankur kumar	Prof. N. V. Satheesh Madhav	Development and evaluation of nano sized gefitinib loaded chips (N) cap for colon delivery	Pharmacy
25.	Umesh Chandra	Dr. Harish Chandra	Design and evaluation of bio neosomes loaded hydrocortisome for dermal delivery	Pharmacy
26.	Khushbu Senger	Ar. Kapil Kumar	Prefabricated girder of flyover on NH 72 on site location Dehradun to LC No. 39A	Architecture
27.	Jitendra Thakur	Ar. Kapil Kumar	Risk Management in Construction Process	Architecture
28.	Haris Meraj	Ar. Vivek Kumar	Construction Scenario of realtors in Dehradun: Opportunities and Challenges faced by them	Architecture
29.	Aamiruddin	Ar. Vivek Kumar	Difficulties in construction due to inadequate risk management	Architecture
30.	Mir Shahid Majid	Ar. Vivek Kumar	Understanding the application of front end planning in construction projects	Architecture
31.	Naman Kumar	Ar. Kapil Kumar	Supply chain management in construction industry	Architecture

3.16 VISITS TO FOREIGN COUNTRIES

Sr. No.	Name of Faculty/ Student	Conference name	Funding Agency	Dates	Venue	Department
1.	Dr. Santosh Kumar	Guest lecture on “Fiber Bragg	Liaocheng University	01 st – 05 th Nov. 2017	Liaocheng University,	EECE

	(Assistant Professor)	Grating based Optical Fiber Sensors and its Applications”			Liaocheng City, Shandong, China	
2.	Mr. Lokendra Singh (PhD Scholar)	Frontier in Optics/Laser Science	OSA, USA	16 th – 20 th Sept. 2017	Washington, USA	EECE
3.	Mr. Saket	Offshore Technology Conference 2018	DIT University	20 th -23 rd March 2018	Kuala Lumpur, Malaysia	Petroleum
4.	Mr. Abhishek	Offshore Technology Conference 2018	DIT University	20 th -23 rd March 2018	Kuala Lumpur, Malaysia	Petroleum

3.17 DETAILS OF FUNDED RESEARCH PROJECTS

Sr. No.	Title of Research Project	Project Investigator(s)	Funding Agency	Amount (Lakhs)	Department
1.	Implication of data assimilation for identifying short scale variations in various biogeochemical characteristics in the Bay of Bengal through Regional Ocean Model	Dr. Tarumay Ghoshal	SERB, DST	15.56	Civil
2.	Lyotropic liquid crystalline materials for capacitive devices and as a water free soft templates to develop nanostructures	Dr. Ravi Kumar Shukla (PI) Dr. K.K. Raina (Co-PI)	SERB, DST	39.3	Physics
3.	Synthesis and characterization of thin films of electro caloric materials for solid state cooling applications	Dr. Parveen Kumar (PI) Dr. Ravi Kumar Shukla (Co-PI)	DRDO	21.5	Physics

4. STATUTORY BODIES MEETINGS

4.1 STATUTORY BODIES MEETINGS

Statutory Bodies meetings are conducted on regular basis at DIT University campus to ensure smooth functioning of the institution. The meetings held during the period of 1st July 2017 to 30 June 2018 are mentioned below:

Sr. No.	Meeting	Date	Chaired by	Agenda
1.	VII Meeting of Board of Research	2-June-2018	Vice Chancellor	<ul style="list-style-type: none"> • Present the current status of Ph.D. candidates, thesis submitted and PhD awarded in 2017-18 • Report on research work, project submission for funding and new projects in 2017-18 • Finalize admission eligibility for the Doctoral Program in 2018-19 • Discuss in detail the creation of Post-Doctoral Fellowship (PDFs) in DIT University
2.	IX Meeting of Board of Examination	14-May-2018	Vice Chancellor	<ul style="list-style-type: none"> • Discussed and deliberated in detail on Academic Probation • Approved the recommendation of the committee for the students on Academic Probation • Presented the result analysis of End term Examination, 2017-18
3.	VIII Meeting Finance Committee	12- April-2018	Vice Chancellor	<ul style="list-style-type: none"> • Consider recommendation of revised fee fixation of the year 2018-19 • Consider and approve annual expenditure budget estimate of the year 2018-19
4.	V Meeting of Planning Monitoring Board	7- April-2018	Vice Chancellor	<ul style="list-style-type: none"> • Consider the introduction of new programs in 2018-19 • Report status of placement of the current academic session • Report status of NAAC Accreditation • Report the status of participation of National academic Depository (NAD)
5.	VIII Meeting of Board of examination	23-March-2018	Vice Chancellor	<ul style="list-style-type: none"> • Report Mid Term Examination in even Semester 2017-18 • Discuss problems of Exam related matters

6.	VI Meeting of Board of Research	28-Dec-2017	Vice Chancellor	<ul style="list-style-type: none"> • Report the current status PhD Thesis submitted and awarded in 2017-18 • Report the status of project submission (funding and new projects) during 2016-17 • Propose and discuss amendments in Academic Ordinances (Doctoral Programs).
7.	VII Meeting of Board of examination	26- Dec-2017	Vice Chancellor	<ul style="list-style-type: none"> • Presentation by HODs to report the status of the result and its analysis (department wise) to finalize the result of all programs for odd semester 2017-18. • Report ongoing Exam process and improvement needed
8.	VI Board of Governors	15- Dec-2017	Chairman	<ul style="list-style-type: none"> • Confirm the minutes of the fifth meeting • Approve the list of students for the awards of various degrees.
9.	VI Meeting of Board of Management	11- Dec-2017	Vice Chancellor	<ul style="list-style-type: none"> • Approve recommendation of Employment Enhancement Program • Introduction of new programs from 2018-19 • Inform about the list of students, awarded for the first convocation of the University on 16 Dec 2017
10.	VIII Meeting of Academic Council	6- Dec- 2017	Vice Chancellor	<ul style="list-style-type: none"> • Consider and review the modalities for introduction for employment enhancement Program and other for students • Consider and approve the recommendation of the Planning & Monitoring Board • Consider and approve the intake of various UG PG and doctoral Programs for the academic year of 2018- 19 • Consider and approve the list of expert for faculty selection and Research Board in respect of various departments
11.	IV Meeting of Planning Monitoring Board	30-Nov-2017	Vice Chancellor	<ul style="list-style-type: none"> • Consider introduction of new programs in 2018-19 • Consider introduction Choice based credit system in 2018-19 • Report progress status of PhD research scholars, Project Monitoring, new projects • Report Sports activities and Fests • Report new companies visited campus for recruitment and placement percentage. • The progress of Infrastructure development and ongoing projects

12.	V Board of Governors	27- Nov-2017	Chairman	<ul style="list-style-type: none"> • Presentation on Academic, Administrative infrastructure and other matters of the university vis-à-vis reforms initiated. • Report of reconstitution of Statutory Body. • Consider and approve the Audited Financial Statement of the University for the financial year 2016-17.
13.	VII Meeting Finance Committee	21- Nov-2017	Vice Chancellor	<ul style="list-style-type: none"> • Consider and recommendation of fee fixation for the academic year 2018- 19 • Consider and approve Audited Financial statements of FY 2016-17
14.	V Meeting of Board of Management	15- Sep-2017	Vice Chancellor	<ul style="list-style-type: none"> • Report various Committees appointed in 2017 for various Academic and Administrative Affairs. • Report various MOUs signed by University in 2017
15.	VII Meeting of Academic Council	13- Sept.-17	Vice Chancellor	<ul style="list-style-type: none"> • Consider and approve the recommendations of the Board of studies of various departments • Report the sanctioned intake along with the students admitted for the year of 2017-18 in various • Consider and approve the list of University wide medalist for UG programs of the year 2016-17 • Consider the list of toppers graduating for the year of 2016-17 • Report list of students who declared NPSY, NPTY, and NPFY at the end of the academic year 2016-17 • Report the list of students for award of onetime Cash Prize for the academic year of 2016- 2017
16.	VI Meeting of Board of examination	9-August-2017	Vice Chancellor	<ul style="list-style-type: none"> • Report ongoing examination process and improvement • Report the list of passed out students in 2015, 2016, 2017) eligible for awards of degree • Discuss Quiz and its frequency
17.	V Meeting of Board of Research	22- July-2017	Vice Chancellor	<ul style="list-style-type: none"> • Report No. of students (Full time and Part time) and regular Faculty, pursuing PhD • Report No. of R& D Projects submitted by faculty.

5. CENTRAL ACTIVITIES

5.1 ADMISSIONS 2017-18

DIT University conducted “Counselling” for bunch of programs for aspirants on Saturday and Sunday, 9th and 10th June 2017 in the university campus. Over 1200 students reported to the University from different parts of the country for admissions. DIT University managed to close more than 996 admissions in the 1st round itself. Most preferred programs amongst the students were Computer Science & Engineering, Mechanical Engineering with specialization in Automobiles, Collaborative Programs, MBA, BCA and Bachelor of Design (Interior Design). DIT University has associated with Tech giants IBM and Oracle for offering 6 new programs to the students which again received a fabulous response and most of the seats were taken in the 1st go itself. On 10th June 2017, reporting started at 6 am in the morning and the merit list of the reported students was put up at around 11 am. Counselling rounds started at 12:00 noon and went on till 9 pm in the night, due to the overwhelming response of the students.



Keeping pace with changing technology scenario, DIT University has taken initiatives to introduce several new programs at undergraduate level namely; BSc (Hons) in Mathematics, Physics and Chemistry, BA (Hons) Economics, BCA and BTech CSE with specialization in Machine Learning, BDesign in UX design in association with ImaginXP, BA (Hons) English and BA (Hons) Psychology. These programs will enhance the skill and employability potential of the aspiring students. The academic modules are designed to provide training in the class room by Industry personal with the opportunity to work on the live projects. Considering the tremendous response of applicants, DIT University has announced the city-wise counselling schedule for North East, Delhi, UP, Hyderabad, Varanasi, Jaipur, Kolkata, Udaipur, Patna, Ranchi, J&K, Chandigarh, Haldwani, Indore and Gwalior between 11th to 24th June.

5.2 CORPORATE SOCIAL RESPONSIBILITIES

5.2.1 World Pharmacist Day

Faculty of Pharmacy in association with UK IPA state branch and Aarogya club celebrated World Pharmacist Day on 25th Sep 2017 in an innovative manner. The program imitated by performing hawan at Faculty of Pharmacy and after completion of hawan, 200 prescription files and 200 medi-c containers were distributed to out- patients of Doon hospital and chemist shops by students, and faculty members of B.Pharm along with Aarogya club members. Apart from this, they also created awareness about dengue complications and precautionary measures to be taken by society people living in Dehradun. Faculty of Pharmacy also celebrated National Pharmacy week from 19th -25th Nov. 2017. On the occasion of national pharmacy week, Prof. N.V Satheesh Madhav along with the faculties and students distributed food to the 600 needy people at Haridwar. Students of Faculty of Pharmacy distributed 200 prescription files and spread awareness on various diseases as asthma. At the last day, fruits and medicines for one month were distributed to the old age home at Karzang road Dehradun.





5.2.2 Blood Donation Camp

NSS in collaboration with IMA Blood Bank and Shri Mahant Indiresch Hospital organized a blood donation camp in the college premises on 20th Feb 2018. The camp was inaugurated by NSS, state officer-in-charge, Dr. Vinod Kumar; Vice Chancellor of the university, Prof. K.K. Raina and Pro-Vice Chancellor. Dr. S. Swaminathan. Students of the University has shown full fervor and donated 182 units of blood in total. National Health Mission and Red Cross Society also supported the camp.



5.2.3 World Environment Day

To mark the occasion of World Environment Day, a rally was taken out by the students of DIT University under the supervision of Prof. Naveen Singhal and his team on 5th June 2018. The aim of the rally was to prevent the use of plastic and polythene which is destroying the environment. Students took out the rally with the placards, carrying the message to end the plastic pollution. The rally started at 10:30 AM from Kothalgate to Malsi Dear Park.



5.2.4 National Technology Day

National Technology Day is celebrated on 11th May 2018. To pursue “make in India Policy”, DIT University is committed to provide best knowledge through holistic and outcome based education and encouraging in every aspect of technological innovations among the youth of India. This year's celebration included thought provoking technical events like Quiz, Poster Presentations, Technical Model display, and eminent lectures from various academia, scientists, and industry personnel.



Celebrations started with the welcome address by Professor Kuldeep Kumar Raina, Vice Chancellor, DIT University, who inspired everyone with the real essence and significance of National Technology Day. The program was especially graced by Padma Sri Professor Shankar Pal who gave a detailed and comprehensive lecture on data mining which became very much appealing to faculty fraternity. In addition to this, esteemed speakers Professor D. P. Mishra from Indian Institute of Technology Kanpur and Engineer Shri Ramesh Chandra (Retd.) from Narora Atomic Power Station gave inspiring speech on the relevance of ancient Indian technologies and Structure of Nuclear power Plant respectively. The event was really thought provoking and appreciated by faculty fraternity.



There were two parallel sessions of quiz and game competition for school children. Technical posters/working model was displayed by the B.Tech Students of DIT University. The Events received an overwhelming response from approximate two hundred school children from various schools from Dehradun who enthusiastically participated and also won various prizes. It was indeed a wonderful experience for the school students as they found no bound in happiness when they received prizes and awards from Professor Kuldeep Kumar Raina and Professor Shankar Pal who conveyed best wishes for their future career. The Poster and model display events were visited by invited guests and school

students who were mesmerized by observing the expertise and technical capability of DIT University Students. The event ended with the felicitation of speakers by Professor Kuldeep Kumar Raina who extended thanks to the esteemed speakers, guests, and school teachers for their generous and enthusiastic involvement in the program and making it a grand success. The memory of this event will be cherished in a long way.

5.2.5 International Yoga Day

DIT University organized Yoga Session on 21st June 2018 at Vedanta Auditorium. Dr. Ravinder Verma, expert of yoga and diet was invited to conduct the yoga session in the university. The event witnessed the mass participation of faculty and staff members.



5.2.6 International Women's Day

International Women's Day honors the women who have paved the path towards our progress and struggled to take 'womanhood' to a level where it is now. DIT University celebrated, this special day, dedicated to women around the world on 8th March 2018. The guests of honor Ms. Nivedita Kukhreti, SP Dehradun and Mrs. Yusuf Najia Chairperson WIC delivered their talks regarding achieving success in life as well as how women can shape her future.



5.3 ENTREPRENEURSHIP ACTIVITIES

EDC conducted various programmes on entrepreneurship, skill development, Innovations, Guest lectures, and Business Plan Competitions and also participated in the Industrial Expo. 2017.

5.3.1 FDPs:

- FDP on Entrepreneurship (two weeks) at DIT University from 29th Jan to 10th Feb. 2018. It was a two week residential programme. The programme was funded by DST-NIMAT.

5.3.2 EACs:

- EAC at Government Polytechnic Aamwala, Dehradun from 20th to 23th Sep. 2017. The programme was funded by DST-NIMAT.
- EAC at DIT University from 5th to 9th Oct. 2017 where 89 numbers of students have participated. The programme was funded by DST-NIMAT.
- EAC at DIT University from 22nd to 24th Jan. 2018, where 96 numbers of students have participated. The programme was funded by DST-NIMAT.
- EAC at GIS IPS, Mussoorie Diversion Road, Malsi, Dehradun from 22nd to 26th Feb. 2018, where 80 numbers of students have participated. The programme was funded by DST-NIMAT.
- EAC at DIT University from 14th to 16th March 2018, where 81 numbers of students have participated. The programme was funded by DST-NIMAT.
- EAC at DIT University from 5th to 7th April 2018, where 75 numbers of students have participated. The programme was funded by DST-NIMAT.

5.3.3 Guest Lectures:

- Organized Guest Lecture of Dr. U Chandra on BIRAC Biotechnology Ignition Grant (BIG) scheme & Pfizer-IIT Delhi Innovation & IP Program on 23rd Jan. 2018 for research scholars.
- Organized Guest Lecture of Dr. Lalit Sharma of EDI India on "Entrepreneurship as a potential career option" on 30th Jan. 2018 for the benefit of final year students.

5.3.4 Innovation Competitions:

- EAC, jointly with MBA Department, organized the Business Plan Competition from 4th to 5th Oct. 2017.

5.3.5 Industrial Expo:

- Participated in MSME's NVDP cum Ind. Expo 2017 in Haridwar from 15th to 17th Dec.2017.

5.3.6 Events participation:

EDC participated in following events:

- Work shop on Export Marketing: Participated in the work shop organized by FIEO and MSME-DI in the Pacific Hotel on 17th Jan. 2018 with MBA DIT Students.
- Work shop on SVDP: Participated in the work shop on organized by MSME-DI and IAU in Urja Bhawan on 18th Jan. 2018 with DIT Students.
- Work shop on Start-ups: Participated in the work shop on Start-ups by Directorate of Industries at PHD. Chamber, Dehradun on 20th Jan. 2018.

EAC at Government Polytechnic Aamwala Dehradun from 20th Sep. 2017

Inauguration of Business Plan Competition at DIT University Dehradun on 4th Oct. 2017



5.4 ANNUAL EVENTS

5.4.1 Convocation 2017

DIT University organized its first Convocation ceremony on 16th December 2017 for all the batches that had graduated from the University. The distinguished guests who graced the occasion were Mr. Krishna Kant Paul, Honorable Governor Uttarakhand and Mr. Trivendra Singh Rawat, Chief Minister Uttarakhand. The convocation ceremony which is a defining moment in every student's life gave the self-esteem of the graduates a boost as they walked up the stage in front of friends and family members to receive their degree. On this solemn occasion, the University felicitated the students of B.Tech and B. Pharma 2013-17 batch, and students of PG courses MCA/MBA/M.Tech of batches 2013-15, 2014-16, and 2015-17. A total of 1736 students were awarded degrees. The ceremony was followed by a range of events to make it a cherished memory for the alumni. The esteemed alumni of DITU were given a warm welcome by the college administration and the students. Experiences of their professional life and the role of DITU in shaping their lives were shared by the alumni. Fruitful discussions were held on how the interaction could be improved between the present students and the alumni to facilitate the process of guidance to the students. The event also marked the launch of a book titled '*Uday- Ek-Naye-Yug-Ka*' written by a former DITian, Vivek Tariyal-Vyom. Many remarkable dance and musical performances by Sankalp Sharma, Ekta Sharma, Satakshi Goel and Janmejay Upadhyay exhilarated the gathering. The meet concluded with bonfire and candlelight dinners organized by the Alumni Association.





5.4.2 YOUTHOPIA 2017

A cultural festival is an event where a variety of people from different cultures interact in a fun and energy filled environment. It acts as a platform for many people to showcase their talents in a variety of fields. The cultural and Literary festival of DITU, Youthopia 2K17, was held from 1st – 3rd of November. It was headlined by the launch of the newest activity club Aventura. A lot of fun activities were organized by the informal events team such as the ‘Tug of War’, ‘Paintball’. Clubs like the SAE and IEEE organized a variety of technical events in the techno-cultural fest such as ‘The Robo Wars’ and ‘The Robo Soccer’, ‘Race de Robo’ and Literary Club organized ‘Debate’, ‘Creative Writing’, Treasure hunt etc.

The main events were ‘Fashionista’ and ‘Ampchaos’, both of which saw a lot of participants from other colleges. The closing acts for all the three days were the highlight of the festival. The first day saw “The Indian Roots,” a band formed by the alumni of the DITU family. The second day had the Sunburn DJ, DJ Akbar Sami, making the crowd go wild with his set. The last day was closed by the duo of famous Punjabi singers, Jassi Gill and Babbal Rai, rock us with their performances.

Youthopia 2K17 was full of fun and leave many memories in everyone’s hearts. The success of the event can only be credited to the organizing committees that put in all of their hard work and a part of their soul to make the event a huge hit with the students.





5.4.3 Sphurti

In order to motivate the students who have a special proclivity in sports, the University organized its 4th Inter College Annual Sports Meet Sphurti 2018 from the 12th to 14th March 2018. The 3-day event began with an opening ceremony inaugurated by the Vice Chancellor of DITU Mr. K. K. Raina. Shri Pushpak Jyoti, the DIG of Garhwal was the chief guest for the occasion. More than 35 teams participated from different institutions from all over the nation. The basketball match was held at the DIT court, the Football match was organized at the Pavilion Ground and the Cricket, Volleyball and Badminton matches were held at the Survey Ground and Parade Ground. The event saw many brimming sportspersons proving their glory & excellence. The event concluded with a closing ceremony. The concluding ceremony began by welcoming the chief guest and various cultural performances by the talented students of DIT University. The event came to an end with a prize distribution ceremony which acknowledged the talent, efforts, sweat, fair play, and excellence of the participants.

The winning teams in the meet were:

Volleyball: Boys - JRIET (Dehradun), Girls - MKP Degree College (Dehradun)

Football: UIT (Dehradun)

Cricket: DIT University

Badminton: Boys - DIT University, Girls - DBIT (Dehradun)

Basketball: Boys - G. D. Goenka (Gurugram), Girls - MBPG (Haldwani)



5.4.4 Founder's Memorial Day

February is the shortest month of the year brought plenty of events to the DIT campus and one of the important events was the celebration of Memorial Day. The Memorial Day of our college was celebrated on 23rd February 2018. Every year on this special day we pay our sincerest tribute to Shri Naveen Agarwal Ji, the founding chairman of The Unison Group, who turned DIT University from dreams to a thriving reality back in 1998. He was a visionary and aspired to enable DIT University to provide quality education to the youth of our country so as to make them responsible citizens. The programme began by garlanding the photograph of the Founding Chairman in the Vedanta auditorium. Honorable Vice Chancellor Prof. K.K Raina, Pro Vice Chancellor, Prof S. Swaminathan, along with the faculty, staff members and students were present to grace the occasion.



5.4.5 Republic Day Celebration

We all stood together to celebrate 69th Republic Day. DIT University inaugurated the Indian Flag Mast with a height of 30.5 meters on this occasion. The zeal, the enthusiasm and the energy could be felt in the University as well. The students and the teachers gathered to celebrate this day and to remember all the martyrs who sacrificed their lives for our country. The day started with enlightening words of Honorable Vice Chancellor Dr. K. K. Raina. The flag was hoisted and the national anthem was played which filled us with the proud feeling of being Indian. The speeches were followed by performances of students and where they danced and sang in remembrance of soldiers and their



struggle. The performances that were witnessed were wondrous. The Honorable Vice Chancellor and Dean Academics distributed sweets to all the students as well as teachers. All the students dispersed with a smile of satisfaction and pride.

5.4.6 Independence Day Celebration

Independence Day was celebrated with great enthusiasm and respect at DIT University, Dehradun on 15th August 2017. The National flag was hoisted by the Vice Chancellor Dr. K. K. Raina at 8:30 am in the college campus. Thereafter, a brief cultural program with a song by the students was presented, reminded us about the immense significance of the day. Dr. K. K. Raina addressed the gathering and elaborated on patriotism towards the country and our flag. The program ended with a renewed feeling of commitment to the country and was greatly enjoyed by one and all.



5.4.7 Engineer's Day Celebration

50th Engineer's day is being celebrated on 15th September 2017 in the University. Vice Chancellor, Prof. K.K Raina and Pro-Vice Chancellor; S. Swaminathan has shown their humble presence and motivated the faculty and students present in the program.



5.4.8 Annual Prize Distribution

The Annual prize day of University was held on 13th October 2017 to felicitate the students for their academic achievements. The students were awarded in the following categories:

- ❖ Program wise toppers
- ❖ Best undergraduate projects
- ❖ Certificate of merit- undergraduate projects
- ❖ Memorial scholarships



5.4.9 Freshers' Party

Continuing with the tradition of the college, the second year students of the DIT University organized freshers' party for the newcomers and welcomed them with zeal and enthusiasm. The audience cheered as the participants presented spectacular performances. The event started at 10.00 A.M in the morning and got over in the evening with the announcement of Mr. Fresher and Mrs. Fresher for each branch.

5.4.10 Teacher's day Celebration

To celebrate the birth anniversary of great Indian teacher and scholar Dr. Sarvepalli Radhakrishnan, teacher's day function was organised on 05th September 2017. On this auspicious day, the contribution made by teachers to the University and society was recognized by cultural programs followed by a felicitation ceremony.

5.4.11 Alumni Meet

An Alumni Meet was organized at DIT University on 16th December 2017 in the presence of Dr. K. K. Raina Vice Chancellor, DITU, Prof Swaminathan Pro-VC, Dr. Naveen Singhal, Dean Alumni Association, and Prof. Shishir Kumar former Director Academic Administration. The esteemed alumni of DITU were given a warm welcome by the college administration and the students. Experiences of their professional life and the role of DITU in shaping their lives were shared by the alumni. Fruitful discussions were held on how the interaction could be improved between the present students and the alumni to facilitate the process of guidance to the students. The event also marked the launch of a book titled '*Uday- Ek-Naye-Yug-Ka*' written by a former DITian, Vivek Tariyal- Vyom. Many remarkable dance and musical performances by Sankalp Sharma, Ekta Sharma, Satakshi Goel and Janmejay Upadhyay exhilarated the gathering. The meet concluded with bonfire and candlelight dinners organized by the Alumni Association.



5.4.12 Children's Day

DIT University celebrated Children's Day on 14th November 2017 with a cake cutting ceremony which was honored by the gracious presence of Dr. K. K. Raina, Vice Chancellor DITU, Dr. Rakesh Mohan, Dean Student Welfare and Dr. Naveen Singhal, Chief Proctor along with the 4th year students. Later, various games like musical chair, sack race, dumb-shall-act etc. were organized for the students. Participation of a large number of students made the day eventful. Winners were awarded certificates as incentives.



5.5 FESTIVALS & NATIONAL DAYS

5.5.1 Lohri Celebration

Bonfires, Bhangra, Ghajak; these are the three things that come to the mind when Lohri, the popular winter time Punjabi harvest festival is mentioned. Lohri is believed to commemorate the passing of the winter season and is usually observed one day before Makar Sankranti. And as is custom, on the eve of 13th of January, the festival of Lohri was celebrated on the campus of DITU. It was



celebrated with the customary prayers followed by the lighting of the bonfire. It was then followed by the Bhangra dance and singing. And as is tradition, delicious Ghajak and ground nuts were distributed to the students, faculty, and staff who participated in the celebrations and danced to the deafening beats of the drums.

5.5.2 Basant Panchami Celebration

To mark the onset of spring, DIT University celebrated Basant Panchami on 21st Jan 2018. A pooja was organized for all faculty members and Students to seek the blessing of Goddess Saraswati.

5.5.3 Vishwakarma Jayanti

The Vishwakarma Jayanti was celebrated in the campus on 17th September 2017. Vishwakarma Jayanti is an auspicious day dedicated to Lord Vishwakarma who is known to be the divine architect. The celebrations begin with havan and Pooja followed by sweet distribution.



5.5.4 Diwali Celebration

The festival of light- Diwali was celebrated on 19th October 2017 with colourful Rangoli and marvellous lighting. The staff and students of University have joined in the celebrations and enjoyed the gifts and sweets.

6. ACADEMIC COLLABORATIONS

6.1 COLLABORATION WITH IMAGINXP

In the year 2018, ImaginXP, India's leading UX design and design thinking certification organization and DIT University, Dehradun have announced the start of a 4-year Bachelor of Design in User Experience. The four-year full time programme is specifically designed in collaboration with industry experts and gives the opportunity to the students to work on real life design problems with the industry.



The course will be taught by industry experts, practicing UX designers and esteemed faculty in the field of UX design. All the content in the courses has been designed according to the prevalent need in the industry, ensuring that students get valuable experience and are readily employed by the end of the course. This course is open to all students applying for a graduate course with a minimum requirement of 50% in their 12th class. With the state-

of-the-art infrastructure to promote UX design education and the right industry collaboration, DIT University is bringing this world class industry led course in user experience to the students. A course that was run only at Masters Level in the IITs will now be available to the students applying at DIT University for a 4-year undergraduate program.

6.2 COLLABORATION WITH ORACLE UNIVERSITY

To ensure a successful career in the Information Technology sector, DIT University will provide Integrated B.Tech & BCA Employability Oriented programs in association with Oracle, to the students. Launching Ceremony went ahead on the theme of “IT Skilling & Employability in 2020.” Encouraging Education beyond the Campus, DIT University launched 2 Higher Education specialized Programs in the university in collaboration with Oracle.



Flagged all around in multi-colours, the University welcomed more than 100 representatives of Oracle, Media Partners, students, and other distinguished guests from academia, who witnessed the launching ceremony of Integrated Programs for BCA & B.Tech with most in-demand Oracle Technologies. On this occasion, 9th April 2018, the Chairman of the DIT University, Mr. Anuj Aggarwal, Vice Chancellor of DIT University Dr. K. K. Raina, Oracle University Country Director Mr. Francis Jacob and the Oracle University Director Sales Mr. Tarini Prasad Jena jointly inaugurated the Launching Ceremony by lighting of the lamp and exchanging the MOU folders.

Chairman of DIT University Mr. Anuj Aggarwal mentioned "DIT University always looks forward to abridging the Industry-Academia gap and this is another step towards helping the students to attain necessary skillsets to takeoff their career and that industry to source pool of Industry Ready Workforce, through this association with Oracle's Integrated programs, which will provide a quality University education at the most affordable Fee structure." It is worth illustration that the students who look for skill oriented Higher Technical Courses and wish to enhance their knowledge about actual technical know-hows of the technology currently being used in the organizations and acquiring expertise in the area of studies with Global Certification, are sure to benefit from the Programs offered. As Francis Jacob, Country Director, Oracle University India, declares, Oracle University's aim is to "build an ecosystem of technical experts who are industry ready and equipped with an in-depth understanding on the latest Oracle technologies". The demand for such technologies are high in the marketplace and by collaborating with DIT, we plan to bridge this gap with skilled professionals.

7. STUDENT CLUB ACTIVITIES

7.1 TECHLIVE - MCA DEPARTMENT

EVENT	DURATION	DESCRIPTION
SPECTRA 2017	13 th -15 th September 2017	Techlive student's club of MCA department has organized the event SPECTRA on 13 th 14 th &15 th SEPTEMBER 2017. Under SPECTRA-201. The club organized three events: Technocrats, Picturesque, and Treasure Hunt. In the event, around 160 students participated from different branches of DIT University and invited huge talent around the campus. In round first, technocrats tested students on some technical basics and gave them hands-on test in the second round. Picturesque involved screening of image originality and further a creativity test through a presentation. Treasure Hunt, is the most awaited event took participants through 5 rounds of puzzles, riddles, and competitions.
WINZARD 2018	22 nd -24 th January 2018	Techlive club of MCA dept. of DIT University, Dehradun conducted a three days event which involved activities in a playful manner with technical skills. The event aims to motivate the students to participate in various activities. The first activity focused on the gamer's favorites, NFS and Counter Strike. The second activity, "Kill the Bug" tested the students' debugging skills and challenged students' basic computer programming knowledge. Activity third, Funilympics brought students forward to engage them in various physical and spontaneous games like "Leg-Tie Race", "Sing to win" and "Balloon Jam". With the participation of students from distinct programs, the event managed to provide a warm and an exciting experience for its participants. The winners of various activities were awarded as well as felicitated with cash prizes along with certificates of participation on 15 th March 2018 in Civil Block, building.

7.2 SPE STUDENT CHAPTER - PE DEPARTMENT

EVENT	DURATION	DESCRIPTION
Guest Lecture	26 th September 2017	A Guest Lecture was conducted by Mr. James Jacob of Core Labs, Tulsa, related to innovative core Lab equipment's for Universities-providing Petroleum Engineering. He had delivered a lecture on Innovative & Efficient technologies.
Workshop on WELL INTEGRITY in Indian Context	12 th -13 th October 2017	Dr. Nitesh Kumar, Prof. and Head of the Department of Petroleum & Energy Studies described the need and objective of the workshop to the guests and the students. Mr. Arun Singhal, knowledge partner and editor in chief of <i>Dew Journal</i> also encouraged the students with his profound speech. Thereafter, the Guest of Honor Dr. Pranaya Sangwai, Vice President, RIL addressed the students about the importance of EOR. He emphasized that despite low oil prices, the industry is not going to die. Chief guest, Mr. Ashutosh Bharadwaj, Executive Director & HOI, GEOPIC, ONGC, Dehradun also addressed the gathering. It is followed by a vote of thanks by Prof. Rahul Ganju. After the inaugural session, the dignitaries had a brief talk on how efficiently this workshop can cover the entire periphery of EOR application on different fields under respective firms. In parallel to the workshop, several other events were organized for the students. These events included INTELECTON 2018, a student paper contest organized by the SPE DIT chapter, where some eight students presented their papers. A

		paper by Avinash Kumar, 4th year B.Tech was awarded first prize while the runner- up prizes were awarded to the UPES team.
Guest Lecture	13 th December 2017	Dr. Jose Gonzalo Flores, SPE Distinguished Lecturer, Peru, delivered a lecture on “ <i>Developments in Heavy-oil EOR for the Era of low oil Pricing</i> ” at DITU.
Guest Lecture	08 th January 2018	Dr. Kris Ravi, Visiting Professor, University of Leoben, Austria, delivered a lecture on “ <i>Well Integrity is Critical for Safe and Economic Energy Production</i> ” on 08th January 2018 at DITU.
Guest Lecture	19 February 2018	Mr. R K Thakur, ONGC, was invited to speak on different surveying techniques. Mr. Thakur spoke about the geological & geophysical operations. He shared his experiences of working in ONGC in tough situations. He also gave tips to the students for facing the interviews.
DIT SPE TECHFEST 2018 & Workshop on Enhanced Oil Recovery	08 th – 10 th March 2018	This workshop has been designed to maximize opportunities for networking, knowledge sharing and learning for the Petroleum Engineering students and others from Industry. Having a sense of awareness for EOR and Hydrocarbon Licensing Policy framework in context of India is an essential attribute for a Petroleum Engineer. With this three day workshop, the Department of Petroleum & Energy Studies expects to generate the desired awareness amongst the students.
Guest Lecture	05 th April 2018	Mr. Vinay Kumar Gupta (GGM, ONGC) delivered a lecture on kick detection blowout and hazard management. He gave a brief introduction on how to control a blowout and how to prevent them. Interacting with students and clearing their doubts, he also explained all the kick detection activity and hazard management. In an interesting session, he also put up a slide on blowout and hazard management and showed students videos related to it.
Guest Lecture	06 th April 2018	Dr. Satyam Priyadarshy (Technology Fellow and Chief data Scientist, Halliburton) talked about Demystifying Big data: Challenges, Opportunities, and Path Forward. He also explained the concept of data processes.

7.3 ICEIT- EECE DEPARTMENT

EVENT	DURATION	DESCRIPTION
JQL-2017 Quiz competition	20 th September 2017	120 students from all branches of 2 nd , 3 rd and 4 th year participated in the event. The winning team was awarded a cash prize of Rs. 2500/- each.
Expert Lecture / Industrial tour	31 st Jan. - 16 th Feb. 2018	Expert Lecture on “ <i>Advancements in Wireless Communication Technology</i> ” was conducted by Mr. Kapil Bhutani, Director, Telcocrats Technologies, Chandigarh for 3 rd and 4 th year ECE and EE students Doordarshan Kendra Dehradun for 3 rd year ECE students on 16 th Feb. 2018.
Circuit designing competition	07 th April 2018	Analog and digital circuit designing was explained to the students and competition was held for 2 nd year students.
Personality Development Program	19 th April 2018	2 nd Year of EE and ECE students participated in a program at Ramakrishna Mission Ashram, Dehradun.

7.4 SAE CLUB - ME DEPARTMENT

EVENT	DURATION	DESCRIPTION
COMPLEX-O-MANIA	09 th October 2017	A problem statement was given to the teams to design a model with a certain number of links to transfer a ball between two diagonally opposite points on a vertically placed cardboard in most complex way possible.
Guest Lecture on "Automotive Engineering"	13 th October 2017	Expert lectures were conducted on " <i>Industry – Institute Interaction-Way Ahead</i> " by Mr. Anup Kacker (Executive Director, SAE North India Section) and second on " <i>Recent Trends/Innovations In Gasoline Engine Development</i> " by Mr. Rajesh Vats (Asst. General Manager, Engine Design Division, Maruti Suzuki India Limited).
ECHNOWAVE'2017	01 st November 2017	<p>JET WHEELS: "Propel to Fly, High in the Sky" In the event of water rocket, participants were asked to design and to create a water rocket, using a plastic container, preferably a plastic bottle that uses a combination of the pressurized air and water for propulsion to reach the farthest point.</p> <p>RACE-DE-ROBO: "Tackle the Obstacles" Teams clash with their Robots and complete a certain track, full of hurdles like bridge crossing, slippery track, bumpers etc.</p> <p>ROBOWARS: "Fight to the Finish" Under this event, participates engineered robots under the given guidelines. These robots were then pitched against each other with a fixed rotating hammer at the center of the arena.</p> <p>SKETCH-O-MECH: "Fetch the Unique Sketch" This competition brought the creativity and the sketching ability of the students to the fore. Their imagination was expressed in the form of pencil strokes.</p> <p>PLUG-N-PLAY: "Connecting Pipe without Delay" A fun game organized by SAE DIT where the participants were required to connect two points using straight pipes, elbows and T-joints without leaving any joint open.</p>
Electric Solar Vehicle Championship-2018	08 th November 2017	ESVC is a competition to design and fabricate a single seated vehicle which is operated by a DC motor. The power source used will be the battery as well as the solar panel.
BAJA SAEINDIA - 2018	23 rd January 2018	It was an event managed by SAE India at the national level, held at Pithampur- NATRiP, Indore, in which engineering students participated to design and fabricate their own ATVs, following some specific guidelines.
SAE Automotive Quiz Competition	08 th February 2018	The club has organised the Quiz competition for two days for Car enthusiastic students who enjoy reading Autocar, Overdrive or Top Gear. It was a startling event to exhibit their passion towards cars.
SAE HANDS ON WORKSHOP jointly with ROHAN MOTORS, Dehradun	10 th March 2018	This workshop provided the students, an opportunity to learn various concepts of Automobiles. It comprised of various topics via, brake efficiency test; acceleration test; OBD test; engine parts.

SAE handing over Ceremony	27 th April 2018	Like every year, a ceremony was organized to acknowledge the work of SAE DIT club. This year also, outgoing president was felicitated by the Head and the responsibilities of the club handed over to the new Captain.
ESVC-2018 Gwalior	28 th May 2018	Team Parkram has secured ALL rank 1st in solar performance, designing solar vehicle, and future award. Guru Dronacharya Award is given to the faculty advisor.

7.5 DIT MOTORACING CLUB - ME DEPARTMENT

EVENT	DURATION	DESCRIPTION
Electric Solar Vehicle Championship-2018	08 th November 2017	ESVC is the competition to design and fabricate, a single-seated vehicle, operated by a motor, it will be DC. Where power source will be the battery as well as the solar panel.
AUTO ARCADE I	17 th November 2017	The club has showcased the vehicle in the biggest auto show in Dehradun at Pacific Mall.
FORMULA BHARAT-18	30 th January 2018	An engineering design competition was held at Coimbatore. DIT Students has also exhibited their fabricated formula cars. The cars were evaluated on grounds of reliability, marketability, cost, and dynamic performance.
AUTO EXPO	07 th February 2018	DIT University claims a place in the Auto Expo. 2018, Hall number one, NCR. The stall was inaugurated by dignitaries (CEO, VP - JBM, Head and R&D) from JBM and visited by dignitaries (GM - Chennai Plant) from Ashok Leyland.

7.6 CODEGENX-CSE DEPARTMENT

EVENT	DURATION	DESCRIPTION
Blind Coding	08 th March 2018	Blind Coding is a coding event, organized by the club CodeGenX, with an aim to bring an opportunity to the students of DIT University and to give them a platform to display and enhance their coding skills.

RESEARCH CLUB

EVENT	DURATION	DESCRIPTION
Research Paper Competition	11 th October 2017	It's a competition in which the innovative ideas compete with each other.
Workshop on Website Development	22-23 January 2018	A workshop was conducted by Mr. Harsh Sharma, the add-on developer of Mozilla.

7.7 RED RIBBON CLUB- PHARMACY DEPARTMENT

EVENT	DURATION	DESCRIPTION
Health Week	11 th - 16 th September 2017	During this week events like Quiz Competition, Open House were held. The winners were felicitated with awards.

7.9 CLICKRRATI LITERRATI CLUB -HSS DEPARTMENT

EVENT	DURATION	DESCRIPTION
Open Mic	13 th August 2017	The open mic event was organized to bring out the fear and the hesitation among the student that they face while addressing the crowd.

Rajbhasha Mahotsava	01 st -14 th September 2017	The Rajbhasha Mahotsav, organized from 1st September to 14 th September. It was a 2 weeks celebration to promote the Hindi language. There are in total, five events were conducted : 1. Abhivyakti. 2. Trividha. 3. Kavisammelan. 4. Sabha. 5. Chayachitran
Counselling Session	12 th January 2018	A counselling session was conducted by the placed students of 4th year to guide the club members regarding their career prospective.
Fun and Recreation activities	20 th January 2018	The motive of these activities was mainly to create a healthy environment in the club so that apart from academics students may improve their soft skill and all round development.
Group Discussion	08 th February 2018	A group discussion was organized for the club members to improve their speaking skills and to enhance their leadership abilities.
Hindustani Vocal Recital	22 nd November 2017	Hindustani Vocal Recital was organized by SPIC MACAY – DIT University Chapter on 22 nd November 2017. Internationally acclaimed artist Pt. Ritesh and Rajnish Mishra performed as a duet and captivated the audience by their mesmerizing performance. The event was witnessed by a large gathering.

7.10 TECHLIVE - IETE -Student Forum-EECE DEPARTMENT

EVENT	DURATION	DESCRIPTION
Microwave Open forum seminar on the transmission line	30 th October 2017	Microwave Open forum Seminar was organized by Mr. A K Shukla Sct. G (rtd.) DEAL DRDO.
"AWS 18" Antenna Designing workshop	8 th – 10 th February 2018	Department of EECE IETE-SF organized a 3- day workshop com poster presentation “AWS-18” on “Design & development of Antenna” from 8 th -10 th Feb. 2018. The ceremony was started with enlightening of the lamp by distinguished guests Dr. Amalendu Patniyak Prof. IITR, Dr. Puneet Swaroop Sct.–F IIRS Dehradun, Dr. Vipul Sharma, Prpf. K K Raina, S. Swaminathan, Dr. Jha, Dr. S. C. Gupta, faculty of DITU and participants of AWS-17. Dr. K K Raina briefed about University and faculty adviser Dr. Brajlata Chauhan briefed more than 60 participants attended the workshop from DITU and outside.

8. STUDENT ACHIEVEMENTS

- ❖ Alumnus Rakshit Pandey was honored “Best Architect in Uttarakhand” in “India’s Most Prominent Architect & Design Awards 2018” by “Merit Award and Market Research.”
- ❖ Alumuns Anukriti Gussai won the crown of Miss Grand India 2017 & represented India in Miss Grand International 2017.



- ❖ Arpit Gupta received Gold Medal for achieving First position in BCA (2014- 2017) Academics in Amity University and also received Shri Baljit Shashtri Award for the Best in Human and Traditional Values in BCA (2014-2017).
- ❖ Ankit Gururani IT, third year student won Jaipuria Quiz League Competition JQL-2017, under ICEIT.



- ❖ Rishav Ranjan, 3rd year student participated in a debate on Triple Talaq and Satyagraha held at 8th Bhartiya Chhatra Sansad, MIT College of Engineering, Pune.
- ❖ Nikhil Aggrawal, 3rd year student received appreciation for data collection using GIS at GATI foundation, Dehradun.



- ❖ Nikita Dabral CSE-A Ist year got the third position in All India Essay Writing Competition (Uttarakhand Zone) organized by Shri Ram Chandra Mission in collaboration with United Nations Information Center for India & Bhutan conducted under Clickrrati Litterrati Club of DIT University. She was honored in Prize Distribution Ceremony on 25th Feb. 2018.
- ❖ Mihir Pant, 2nd Year, Mechanical Engineering DIT University, Dehradun, brought laurels to the university. He secured ALL INDIA RANK-3 in Badminton (Senior Category) in the Amateur Games and Sports Promotion Federation.
- ❖ Mihir Pant won accolades in *RUNN* (an ALL INDIA INTER-COLLEGIATE FEST), held at the college of Engineering Roorkee, Uttarakhand. He has been participating continuously in the State Badminton Championship for the past few years and reached the quarter-finals this year.



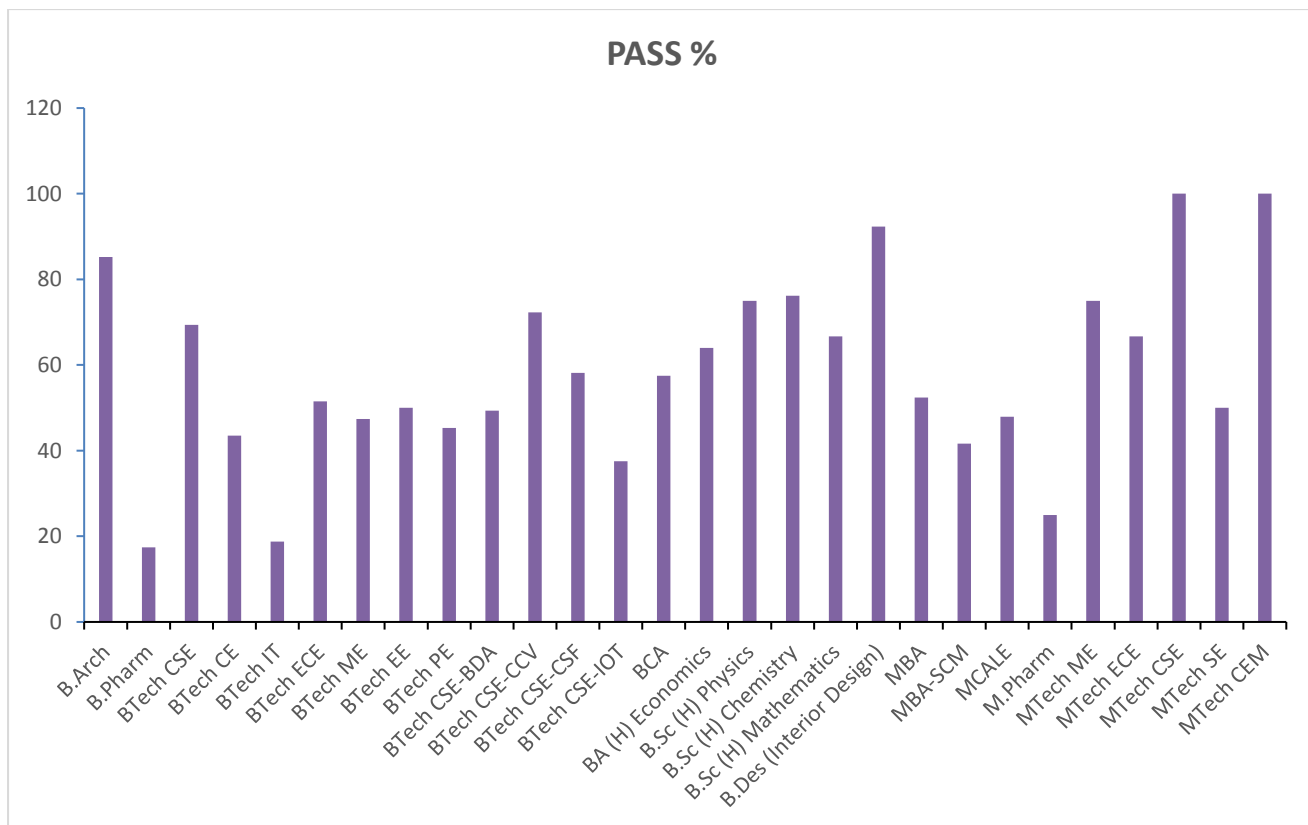
- ❖ Ar. Rajiv Surya Sathuri bagged the First prize in the Category of Industrial Design in the ADI International Design Competition for the Design of Care-S Wheelchair cum Stretcher.
- ❖ Shivam 3rd Year CSE secured 1st position in “Maitri Cycle Race, Dehradun distance covered 30 km from Osho to Maldevta in Dehradun on 11th Feb 2018 & he also secured 3rd position in “Mussoorie Time Trial” Cycle Race distance covered 30 km from Dehradun to Mussoorie on 18th Feb 2018 and in a cycle race “MTB Dehradun 2017 Edition” organized by Thrill Zone, Dehradun. The distance covered was of 77 km from Dehradun to Dhanaulti.
- ❖ Sakshi Madaan, CSE won 1st prize in “Impromptu” competition, organized by *Anokhi* Hindustan Newspaper.
- ❖ Joy Dey, CSE developed a “radio controlled Aircraft” model operational and flying, appreciated by Flittest Community, USA in Sept’17.
- ❖ Ahmad Azeem Afser, CSE secured 13th rank in “All India Kavita Writing Contest” organized by Matribhasha, June 2017 and also secured 1st rank in “*Baitbazi*” Urdu Antakshiri” (World largest Urdu poetry website) organized by Rekhta, 11 July 2017.
- ❖ Divyank Singh Sikarwar, CSE organized and anchored on Himalayan Diwas in Govt. School, Salan Gaon Dehradun on 9th sept 2017 and also associated as student partner with Internshala website, 10th Sept 2017.
- ❖ Aashish Bal, MCA 2nd Year achieved a 3rd position in Sphurti’18 Basketball. He has also secured 1st position in Zion at COER Roorkee.
- ❖ Tanmay Srivastava, IT 3rd yr student, selected as Microsoft Student Partner for June 2017-July2018.
- ❖ Aniket Singh, IT 3rd yr, has developed a web site “helptohuman.com” for helping to poor people on street, Jan2018.



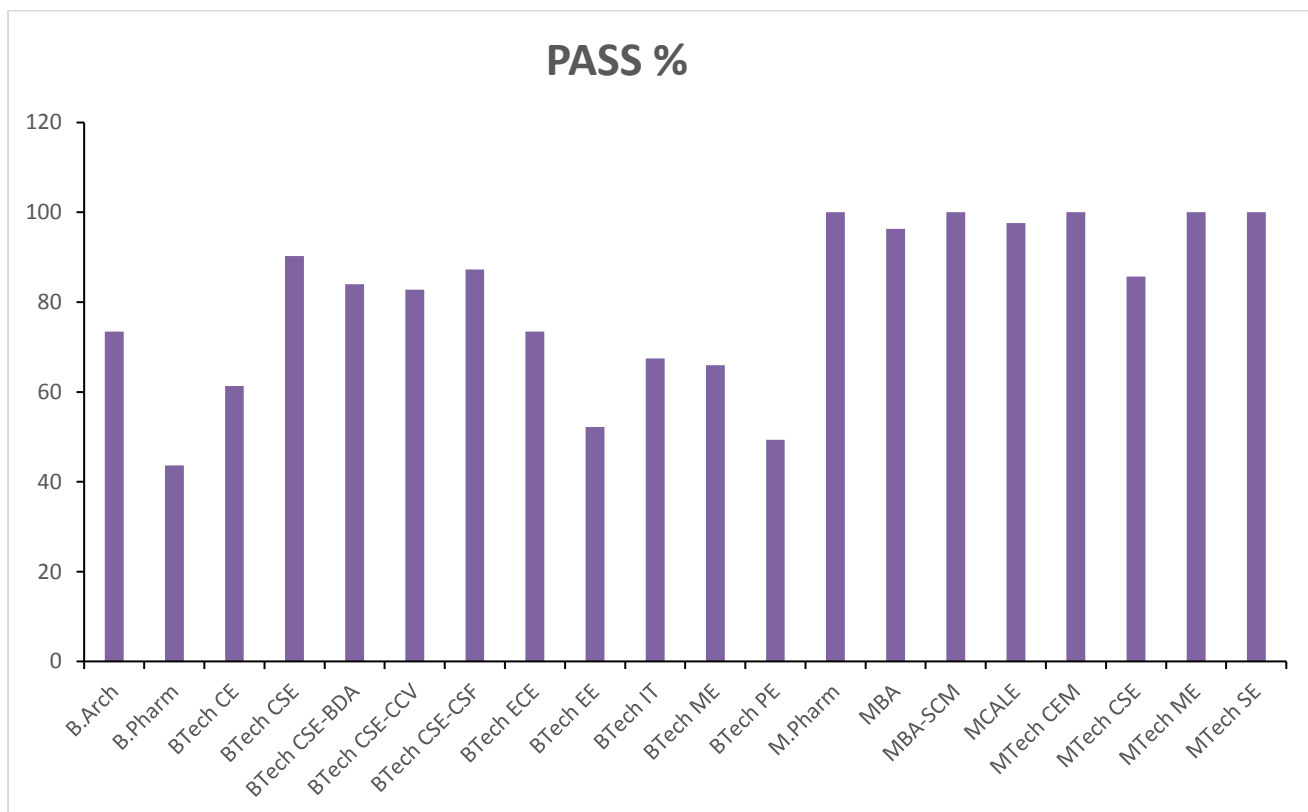
9. RESULT ANALYSIS

8.1 ODD SEMESTER

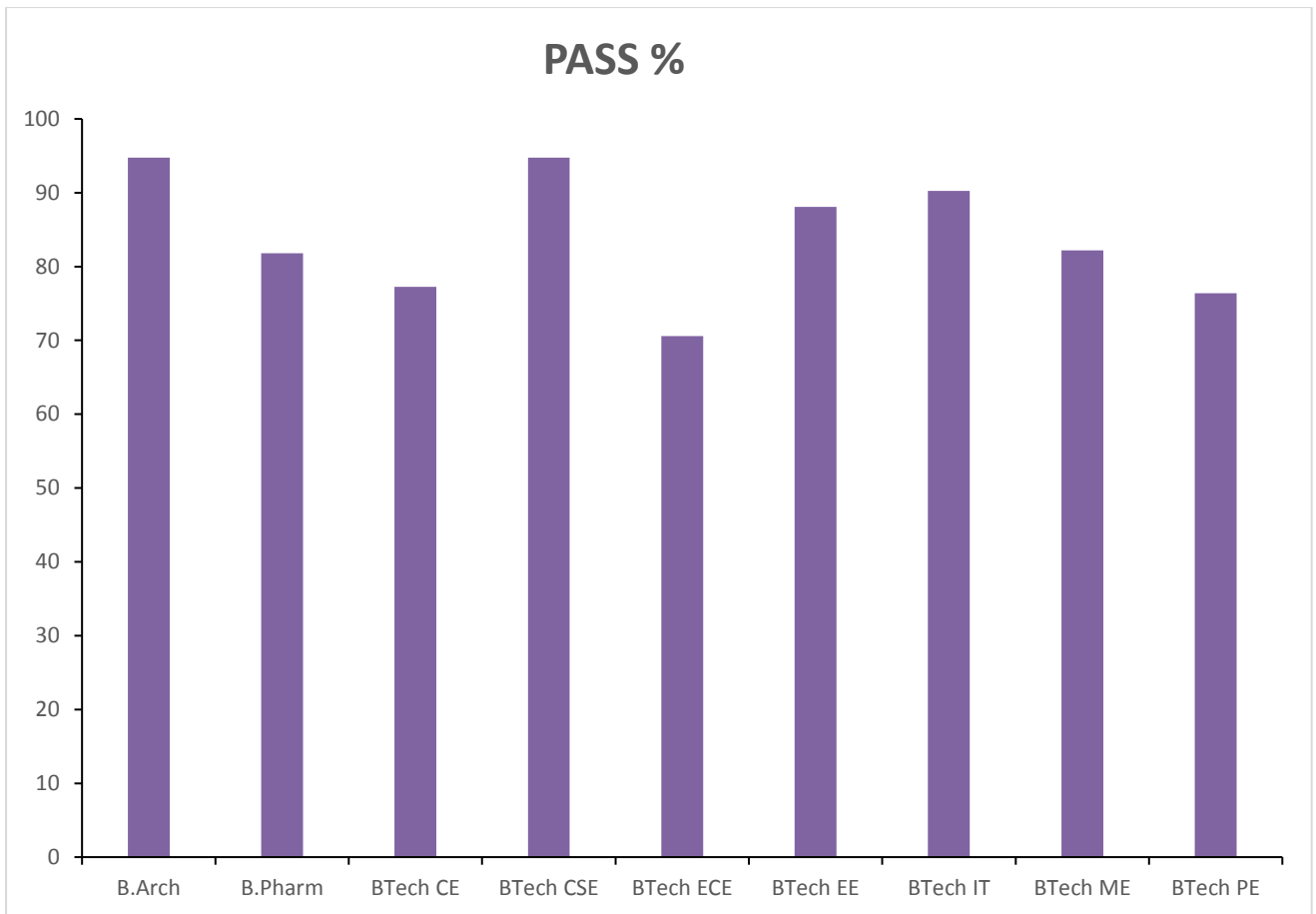
9.1.1 First Year [All programs]



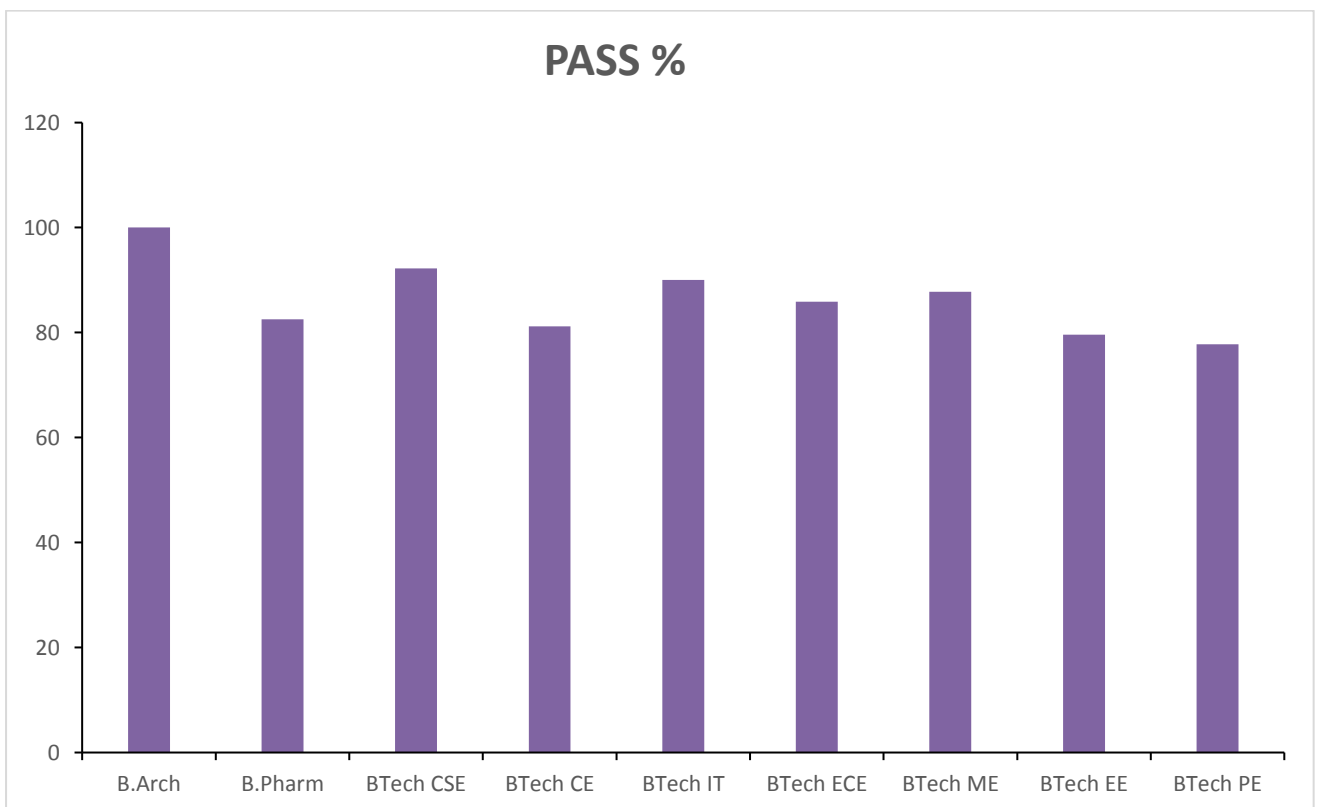
9.1.2 Second Year [All programs]



9.1.3 Third Year [All programs]



9.1.4 Fourth Year [All programs]

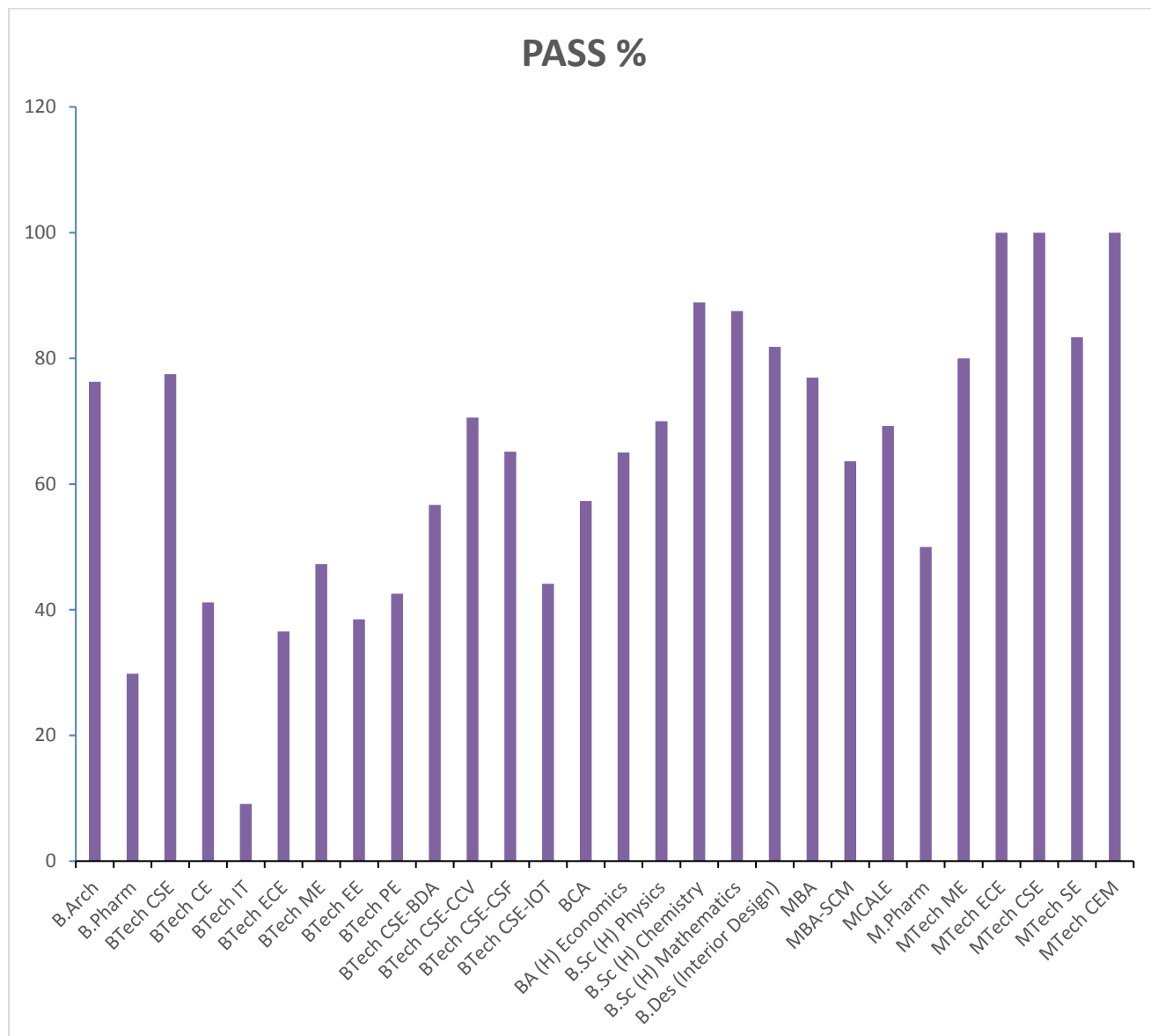


9.1.5 Fifth Year

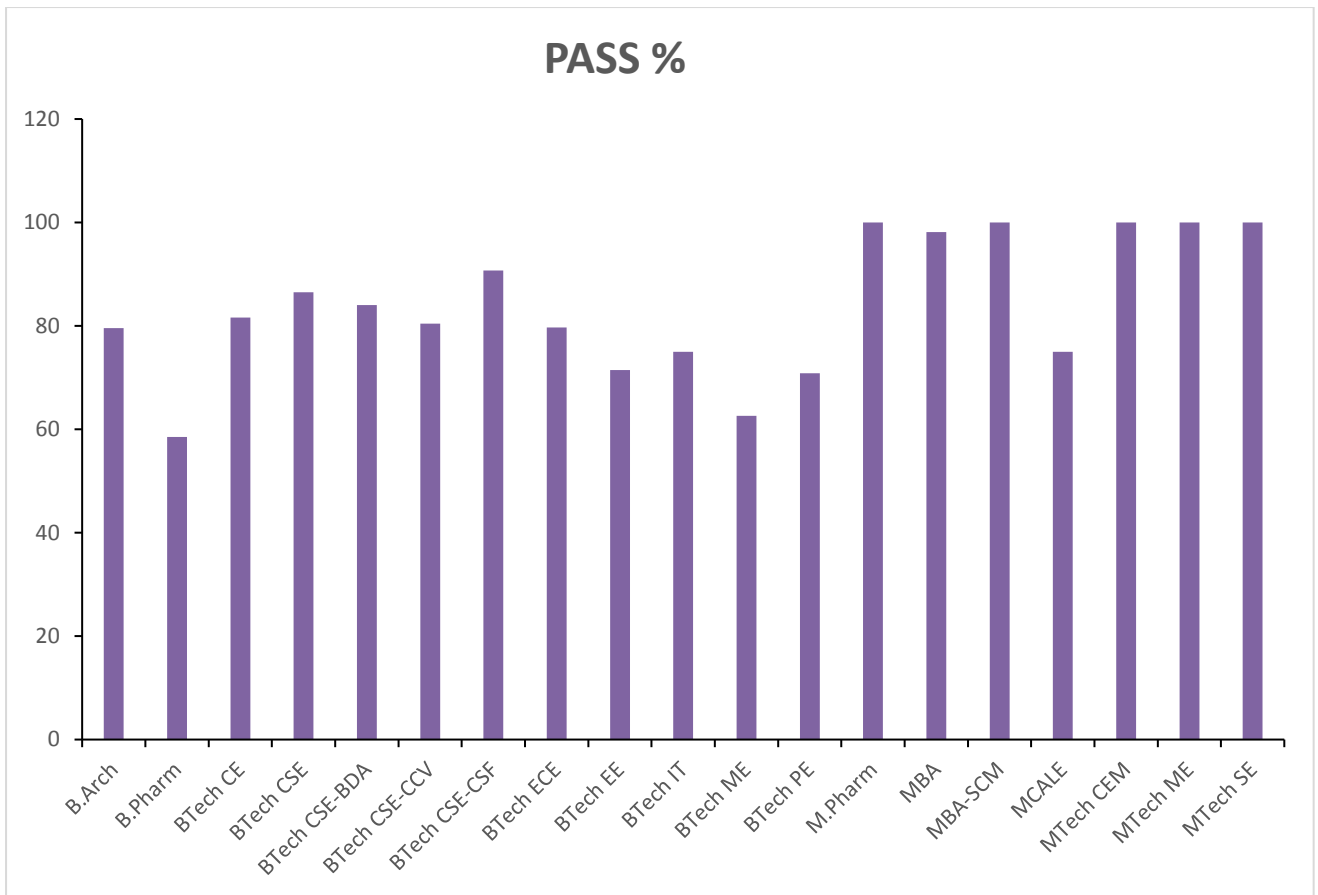
Programs	Total Students appeared	Students Passed	Pass %
B.Arch	80	70	87.50

8.2 EVEN SEMESTER

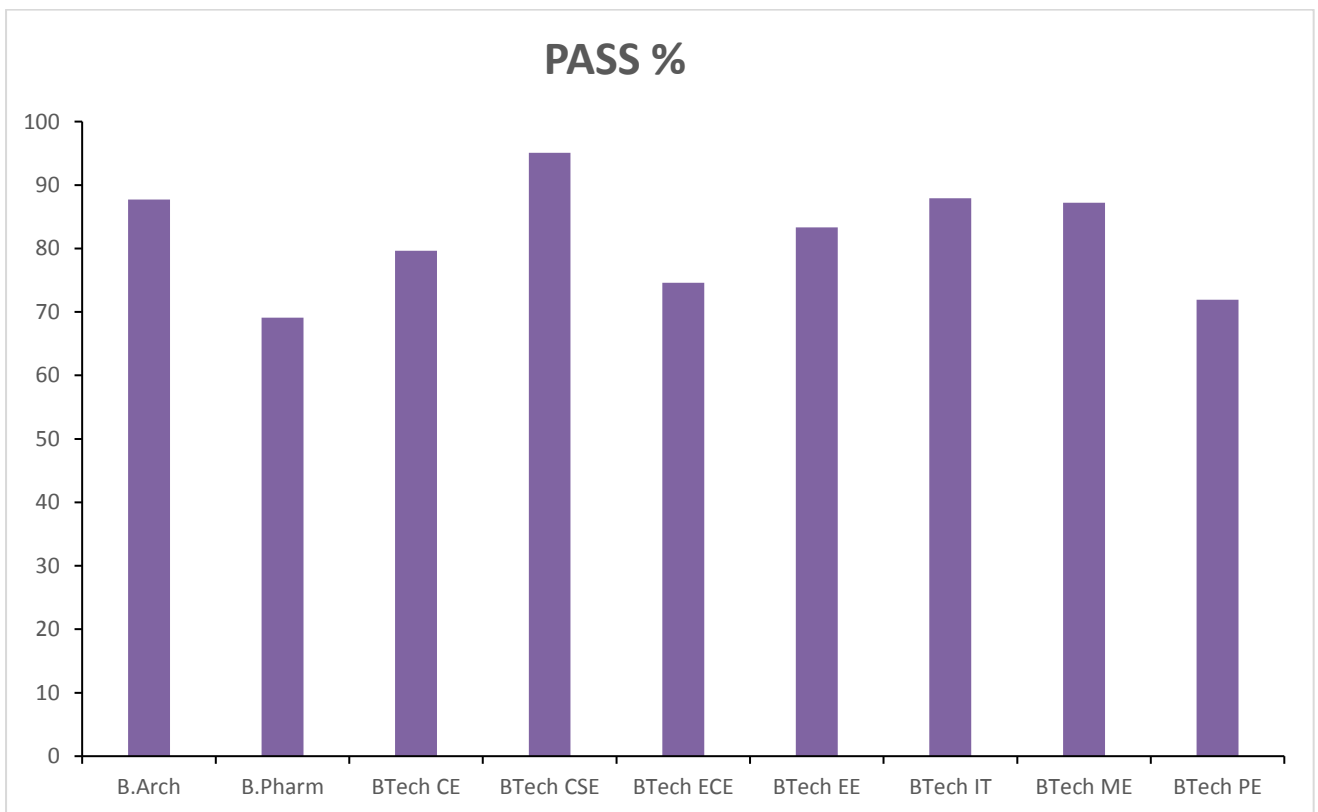
9.2.1 First Year [All programs]



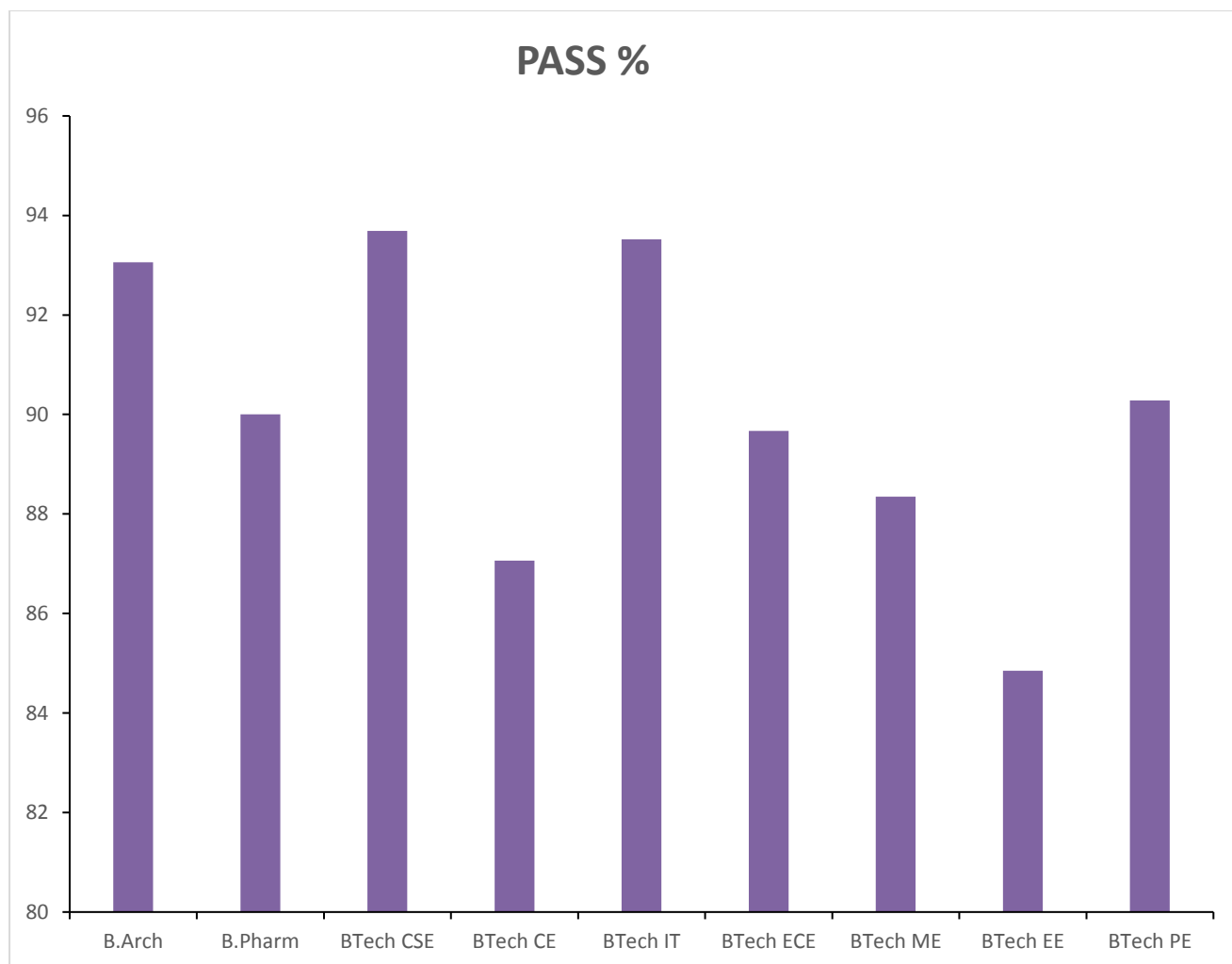
9.2.2 Second Year [All programs]



9.2.3 Third Year [All programs]



9.2.4 Fourth Year [All programs]



9.1.5 Fifth Year

Programs	Total Students appeared	Students Passed	Pass %
B.Arch	80	69	86.25

10. TRAINING & PLACEMENT

12.1 INTRODUCTION:

Training and Placement Department continuously strives to help students in pursuing their career goals by acquiring employment-seeking skills and ultimately to attain desired employment. This is accomplished through building a strong partnership amongst students, alumni, faculty members and industries.

12.2 DEPARTMENT GOALS:

By providing comprehensive resources, programs, and counselling on career development, internships, employment, we educate and support students and recent graduates on how to make sound career decisions, develop professionally, and attain their life goals.

12.3 SEMINARS/ WORKSHOPS ORGANIZED:

Sr. No.	Title of workshop/ seminar organized	Details of experts/ Company representatives	Dates
1.	Motivational Talk	Mr. Hitesh Ramchandani	26/08/2017
2.	International Internship & Summer Schools Programme	Ms. Brittany Wright George Washington University Dr. Bhabani Misra Associate University of St. Thomas Ms. Liani Ramos Graduate NYU Tandon School of Engineering	22/03/2018
3.	Career Guidance	Mr. Vishal D Mehta Reliance Industries Ltd.	13/04/2018
4.	Workshop for making you Corporate Ready - Campus to Corporate	Mr. Deepak Bharara	06/04/2018
5.	Entrepreneurship/start ups	Mr. Himanshu Batra Acadview Software Private Limited	06/04/2018

12.4 MAJOR PLACEMENT ACTIVITIES



Campus Placement – Yamaha Motors



Campus Placement – Axis Bank



Ashok Leyland Limited visited DIT University, Dehradun on 14th Sept 2016 and hired Eight Students of Mechanical Engineering and One Student of Electrical Engineering.



Infosys visited DIT University, Dehradun on 27th September 2016 for Campus Placement Drive and hired 125 Students of Engineering from all Engineering domains



Campus- Visit of SKF Industries Ltd



Campus Visit- of Indian Army



Campus Visit-Decathlon Sports



Campus Visit-Asahi India Glass



Campus Visit-Reliance Industries Limited

12.5 STUDENTS' PLACEMENT DATA:

12.5.1 Program wise placement record

S. No.	Program	Placed %age	Highest Package (INR/annum)
1.	B. Tech Computer Sciences Engineering	70.65	1000000
2.	B. Tech Information Technology	55.17	900000
3.	B. Tech Electrical Engineering	26.23	900000
4.	B. Tech Mechanical Engineering	26.99	900000
5.	B. Tech Petroleum Engineering	25.00	900000
6.	B. Tech Civil Engineering	16.04	900000
7.	B. Tech Electronics & Communications Engineering	54.55	900000
8.	MCA	14.25	325000
9.	MBA	52.63	600000
10.	Pharmacy	66.33	480000

10.5.2 List of recruiters

S. No.	Name of recruiter	S. No.	Name of recruiter
1.	4Way Technologies	36.	Inology
2.	Agrani Microlubes LLP	37.	Kumarsons Auto Pvt. Ltd.
3.	Alight Solutions	38.	Libsys Limited
4.	Appcino	39.	Live Week Business
5.	AppInventiv	40.	MAQ Software
6.	Artech Infosystems Pvt Ltd	41.	Mind Tree
7.	Asahi India Glass Ltd.	42.	Mobilize
8.	Ashok Leyland Limited	43.	My Indo Traveloutsav Pvt. Ltd.
9.	Bajaj Capital	44.	Net2Source
10.	Big Basket	45.	Netambit Infosource and e-services Pvt Ltd
11.	Built By Blank	46.	Nine Leaps Technology Solutions Pvt. Ltd.

12.	Byju's Learning App	47.	OM Logistics
13.	CavinKare	48.	OMICS International
14.	Click Labs	49.	Phronesis Partners
15.	CodeVita By TCS	50.	Rang Technologies
16.	Cognizant	51.	Reliance Industries Limited
17.	Collar Search	52.	S & P Global
18.	CyberTech Systems and Software Ltd.	53.	SaaSFocus
19.	Decathlon Sports India	54.	Scope Telecom
20.	Edoofa	55.	Secure Meters Limited
21.	F1F9	56.	Smart Joules
22.	FANUC	57.	Smart School
23.	Fintech Labs	58.	Sopra Steria
24.	FIS	59.	Spectraforce
25.	Fonantrix Solutions	60.	Syncom Healthcare Ltd.
26.	G S Express Pvt. Ltd.	61.	techHindustan
27.	Genesys	62.	TechSci Research
28.	GM Insights	63.	Tosha International
29.	Halonix Technologies Pvt. Ltd.	64.	Tricon Infotech
30.	HDFC Bank	65.	uCertify
31.	Hippo Innovations	66.	UNO Minda
32.	HSBC	67.	Value Prospect Consulting
33.	InfoAxon Technologies	68.	Webtunix Solutions Private Limited
34.	Infosys	69.	Wipro
35.	Innovsource Pvt. Ltd.	70.	Yamaha Motor Solutions India Pvt. Ltd.



DIT University

Mussoorie-Diversion Road, Village Makkawala, Dehradun, Uttarakhand-248009, India

Phone/ Fax: +91 135 3000 300/7, 300 1500/1

Website: www.dituniversity.edu.in