

ANNUAL REPORT 2018-19



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	2
Foreword from the Chancellor	3
Foreword from the Vice Chancellor	5
Foreword from the Pro Vice Chancellor	6
Preface	7
Board of Governors	8
Board of Management	9
Academic Council	1012
DIT University Kulgeet	13
Heritage	14
Teaching Learning	1522
Facilitation System	2329
Research & Development	3056
Statutory Bodies Meetings	5760
Central Activities	6175
Academic Collaborations	7677
Student Club Activities	7884
Students Achievements	8589
Result Analysis	9093
Training & Placement	94100

Foreword from the Chairman



DIT University aims at diffusing scientific, technical, and professional knowledge by character building among the students. To fulfill the objective of overall development of our students, university provides strong academic environment with an exposure of co-curricular activities. Over the years, keeping pace with the demand of the competitive world towards inter-disciplinary studies, we have opened up several new courses as well as electives in various departments.

We see ourselves as social entrepreneurs, who ignite young minds to look beyond their abilities. University ensures a conducive environment of research & teaching by giving exposure to excellent infrastructure and best international practices. Our focus is to empower our future generation to be ethically, morally and intellectually elite.

As the Chairman of the Board of Governors, DIT University, I would like to acknowledge the consistent efforts of our faculty and staff to make the academic year 2018-19 noteworthy in all respects.

Jai Hind

Anuj Agarwal

Foreword from the Chancellor



Imagine, Aspire, Achieve . this is the credo of DIT University where young minds come to unlock the potential of their being; and learn some skills as they move on to the World of opportunities. Annual report is an annual reflection point, reveals University's academics achievements, community partnerships, and industry collaborations.

In the journey of the last 20 years, DIT University grew consistently and it is indeed heartening to see that DIT University is marching towards achieving excellence, evident from the annual report for 2018-19. A solid team work is required to build a University of repute. A review of the details of this report provides ample evidence of the untiring efforts put in by every one of us in further raising the standards of this University.

I hope this momentum of growth will continue to be provided by each one of you; in order to take DIT University to higher echelons.

Jai Hind

N. Ravi Shanker

Foreword from the Vice Chancellor

Over last two decades, DIT University, consistently evolved, in the fields of Engineering, Pharmaceuticals, Applied Sciences, Management, Architecture, Designing, Humanities & Social Sciences. The University aims at nurturing talents in-tune with global needs, imbining values and ethics among students. MADE IN DIT, with its world-ready globally accepted programs prepares students to face the difficult competitive world. University proudly claims over 16000 alumni in its credit who are nurtured and well placed in various Govt. & Private sectors all over the world.



The focus of the University is not just to impart relevant knowledge and skills in different fields, but also to infuse the ability in analytical thinking, innovation, research & development. This year, different departments organized around sixty national & international conferences/seminars/ guest lecturers. The University also acclaims in total eight Funded Research and Consultancy Projects in the Departments of Civil Engineering, Applied Sciences (Physics) and EECE. It is a matter of pride that this year, 1530 students successfully got their degrees in different courses, B.Tech, B.Arch, B.Pharm, M.Tech, MCA, M.Pharm, MBA and Ph.D. Keeping pace with the development in technology, this year again, many laboratories have been established and upgraded in Computer Science, Mechanical & Civil Engineering, Physics and Psychology.

QÁ & [~ } c Á ã c Á æ• Á æÁ * ! ^ æc Á æ& @ã ^ ç ^ { ^ } c Á c @æc Á ã } Á G € P organized CATC NCC camp at DIT from 27th June to 6th July 2019 with 528 NCC Girls cadets æ} á Á G Î Á [~ ~ ã & ^ ! • Ê Á Œ P U q • Á B Á • c æ ~ ~ È Á Q c Á ã • Á University c ^ ! ã • Á æ, æ ! á Educational Entrepreneur University q Á à ^ Á Ù @ ! ã Á V ! ã ç ^ } á ! æ Á Ù Minister of Uttarakhand.

I truly feel proud with the rising glory of the DIT University. From bottom of my heart, I am grateful to the eminent visitors Honorable Chief Minister of Uttarakhand Shri Trivendra Singh Rawat, Higher Education Minister, Dr. Dhan Singh Rawat, Shri Anuj Aggarwal, Chairman Board of Governors, Members of Board of Management, and Academic Council for guiding us on every step.

The effort of each faculty and staff is also appreciated to mark 2018-19 as a noteworthy Academic year.

Jai Hind

K. K. Raina

Foreword from the Pro Vice Chancellor

The Annual Report 2018-19 is a comprehensive compilation of the progression of DIT University. Indeed, it showcases the rich past and issues that will propel the University to the future. The needs of the industry and the commitment to the Socio . Economic requirement of the Nation are the defined areas of focus. Thus, the contribution of DIT University towards Nation building has been noteworthy. Use of best practice in higher education has given the University the impetus to strive for excellence, this has contributed immensely towards overall development of students.



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. The day is not far when our University will be recognized as one of the topmost Universities globally.

Jai Hind

M Srinivasan
Brigadier

PREFACE

DIT is one of the premier universities of Uttarakhand, India. Since its foundation in 1998, it has propagated the best practices in higher education. DIT University has been established by Govt. Of Uttarakhand vide Act No. 10 of 2013 dated 15 Feb. 2013. With the motto of *Imagine, Aspire, Achieve*, it fosters the long term commitment towards nation building. The present Annual Report covers the period from 1 July, 2018 to 30 June, 2019.

DIT University has been conferred as the best private Engineering College-2018. The University has an impressive collaboration with industries, national industrial associations, and other renowned organizations in Uttarakhand Educator Summit-2018. Over the years, active associations with professional bodies like ASSOCHAM, CII, FICCI and leading foreign universities ensures University

DIT University offers courses in, B.Tech, B.Pharm, B.Arch, BCA, B.Des, B.Sc(H), BA(H), M.Tech, M.Pharm, MBA, MCA and Ph.D. programs. High end teaching and finest research laboratories are ensured to pursue applied research and consultancies. On December 1, 2018, on the 2nd Convocation of the University, 1530 degrees awarded in different courses of B.Tech, B.Arch, B.Pharm, M.Tech, MCA, M.Pharm & MBA. Besides, 11 Ph.D. degrees awarded along with the rewards of 16 Gold Medals.

In the year 2018, the University proudly established National Cadet Corps (NCC) of 11 UK Õ ã ! | • q unit. In July 2018, the University is being awarded Educational Entrepreneur University for the year 2018 by Shri Trivendra Singh Rawat, Chief Minister of Uttarakhand. In the year 2018-19, MOUs have been signed between the University and various international & national Institutions, organizations as well as Industries. Keeping pace with the new trend of interdisciplinary studies, a three day national conference on science, technology, commerce, and society has been organized from 14th to 16th Feb. 2019 in the benign presence of eminent professors, secretariats, and the two *Padam shri* awardees.

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 2018-19. The committee which prepared the report comprised of the following members:-

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

Dr. Amit Kumar Mishra [Associate Professor, School of Computing]

Dr. Pankaj Chamoli [Asst. Professor, Department of Applied Sciences]

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

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

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
DIT University Annual Report 2018-19

Board of Governors

Mr. Anu Aggarwal
(Chairman)
Chairman, DUT University
Educationist

Mr. Amit Agarwal
(CoChairman)
Member Secretary, IMS Society
Educationist

N. Ravi Shanker
(Vice Chairman)
Chancellor, DUT University
Academician

Dr. K K Raina
(Member Secretary)
Vice Chancellor, DUT University
Academician

Dr. R.C. Goel
(Special Invitee)
Advisor General to Chairman. BoG
Academician

Principal Secretary
(Ex-Officio Member)
Secretary, Higher Education Department,
Uttarakhand
IAS Officer

Brigadier (Dr. M Srinivas) (Retired)
(Member)
Pro Vice Chancellor, DUT University
Academician

Prof. H Chaturvedi
(Member)
Director, BIMTECH, Greater Noida
Academician

Prof. S. P. Gupta
(Member)
Ex-Deputy Director, IIT, Roorkee
Academician

Dr. M.P. Jain
(Member)
Ex-Chancellor, IMS Unisom University
Academician

Mr. Rajeev Gupta
(Member)
President, IMS NOIDA
Educationist

Dr. L.K. Maheshwari
(Member)
Advisor to Chancellor & Former Vice Cha
BITS Pilani
Academician

Dr. Gurdip Singh
(Member)
Chancellor, IMS Unisom University
Academician

Mr. Vikas Ahuja
(Member)
Head DC, Infosys Chandigarh
Corporate Professional

Mr. Vishwa Prakash
(Member)
HR & Business Development, IBM India Pvt.
Corporate Professional

Dr. Devadesh Sharma
(Invitee)
Registrar, DUT University
Administration

Board of Management

Dr. K K Raina (Chairman) Vice Chancellor, DU Academician	Mr. D.P. Das (Member) General Manager, Narayan Multispecialty Hosp Corporate Professional
Brigadier (Dr) M Srinivasan (Retired) (Member) Pro Vice-Chancellor, DU Academician	Mr. Sudhir Mittal (Member) Business Head, Cloud Planet Technologies Pvt. (Data First), Ahmedabad Corporate Professional
Principal Secretary, Higher Education, Govt Uttarakhand (Member) Principal Secretary, Higher Education, Secretariat, Dehradun IAS Officer	Prof. M S Kalra (Member) Professor, Mechanical Engineering Deptt, DU Academician
Prof. Anil Kumar Gupta (Member) Professor & HoD, Department of EECE, DU University Academician	Prof. H C Mehndiratta (Member) Professor of Eminence, Civil Engineering Deptt., University Academician
Prof. Prem Krishna (Member) Retd Professor of Civil Engineering, IIT Roorkee Academician	Prof. S.C. Gupta (Member) Dean PG, DU Academician
Prof. H Chaturvedi (Member) Director, Birla Institute of Management Technology, Greater Noida Academician	Dr. Devadesh Sharma (Ex-Officio Non-Member Secretary) Registrar, DU Administration
Prof. Gopal Hegde (Member) Department of Electronics, IISc, Bangalore Academician	

Academic Council

Dr. K K Raina
(Ex-Officio Chairman)
Vice Chancellor, DIT University
Academician

Brigadier (Dr) M Srinivasan (Retired)
(Member)
Pro Vice Chancellor, DIT University

Prof. Chhabi Mishra
(Member)
Director, Faculty of Architecture & Design, DIT University
Academician

Dr. N.V. Satheesh Madhav
(Member)
Director, Faculty of Pharmacy, DIT University
Academician

Dr. Manoj Chhatnagar
(Member)
Dean Faculty Affairs, DIT University
Academician

Dr. S.C. Gupta
(Member)
Professor, Department of EECE and Dean DIT University
Academician

Dr. M.C. Bhandari
(Member)
Professor of Mathematics and Dean International Linkages, DIT University
Academician

Dr. B. S. Panwar
(Member)
Professor, Department of EECE and Dean R&D, DIT University
Academician

Dr. Havagiray R. Chitme
(Member)
Professor & Head, Faculty of Pharmacy, DIT University
Academician

Dr. Rakesh Mohan
(Member)
Dean Student Welfare, DIT University
Academician

Dr. Prakash Tiwari
(Member)
Associate Professor, Faculty of Management Studies and Associate Dean, DIT University
Academician

Dr. Surbhi Sachdev
(Member)
Associate Professor, Physics & Academic Affairs, DIT University
Academician

Dr. Naveen Singhal
(Member)
Dean Alumni Relations, DIT University
Academician

Dr. Anil Kumar Gupta
(Member)
Professor & Head, Department of EECE, DIT University
Academician

Dr. Anil Kumar
(Member)
Professor, School of Computing, DIT University
Academician

Dr. Vishal Bharti
(Member)
Professor, School of Computing, DIT University
Academician

Dr. Manoj Kumar
(Member)
Professor & Head, Department of Mechanical Engineering, DIT University
Academician

Dr. H C Mehndiratta
(Member)
Professor of Eminence, Department of Civil Engineering, DIT University
Academician

Ar. Jitendra Kumar Sarohi (Member) Associate Professor & Head, Faculty of Architecture & Design, DIT University Academician	Prof. Kartik K. Vora (Member) Professor, Faculty of Architecture & Design, DIT University Academician
Dr. Tarumay Ghoshal (Member) Assistant Professor & Head, Department of Computer Engineering, DIT University Academician	Dr. Rama Sushil (Member) Professor, School of Computing, DIT University Academician
Mr. Rahul Ganju (Member) Associate Professor & Head, Department of Information & Energy Studies, DIT University Academician	Dr. Gagan Singh (Member) Professor, Department of EEE, DIT University Academician
Dr. Vijay Negi (Member) Associate Professor & Head, Department of Humanities & Social Sciences, DIT University Academician	Dr. Y K Tyagi (Member) Professor, Department of Mechanical Engineering, DIT University Academician
Dr. Ritika (Member) Associate Professor, School of Computing, DIT University Academician	Dr. M.L. Garg (Member) Professor, School of Computing, DIT University Academician
Dr. Hemraj Verma (Member) Associate Professor & Head, Faculty of Management Studies, DIT University Academician	Dr. Radha Guha (Member) Professor, School of Computing, DIT University Academician
Dr. M S Kalra (Member) Professor, Department of Mechanical Engineering, DIT University Academician	Dr. Sonika Singh (Member) Associate Professor, Department of EEE, DIT University Academician
Ar. Sandeep Saxena (Member) Associate Professor, Faculty of Architecture & Design, DIT University Academician	Dr. Chandra Prakash (Member) Scientist 'G', SSPL, DRDO, Delhi Researcher
Dr. Anil Kumar Patil (Member) Associate Professor, Department of Mechanical Engineering, DIT University Academician	Mr. Umesh C Agarwal (Member) Head, Global Talent Management, HRTSecure Meters Limited Corporate Professional
Mr. Rajeev Pandey (Member) Assistant Professor, Department of Mechanical Engineering, DIT University Academician	Dr. R. K. Khar (Member) Professor, HoD & Principal, B. S. Anangpuria Institute of Pharmacy, Faridabad Academician

Dr. Arti Chaturvedi
(Member)
Assistant Professor, Chemistry, DU
University

Academician

Mr. Akash Shrivastava
(Member)
Assistant Professor, School of Computing,
DU
University
Academician

Mr. Jagan Shah
(Member)
Director, National Institute of Urban Affairs,
DU

Researcher

Dr. Prakash Chauhan
(Member)
Director, IIRS, Dehradun

Academician

Dr. D. P. Goyal
(Member)
Professor, Information Management Develop
Institute, Gurgaon
Academician

Dr. Harilal
(Member)
ED-Hol, KDMIPE, ONGC, Dehradun
Corporate Professional

Mr. Sanjiv Sain
(Non Member)
Chief Librarian, DU
Administration

Dr. S. P. Singh
(Member)
Professor, Electrical Engineering, Indian Ins
Technology, Roorkee
Academician

Dr. Manoj Misra
(Member)
Professor, Department of CSE, IIT Roorkee
Academician

Dr. Ratnamala Chatterjee
(Member)
Profesor, Department of Physics, Indian Ins
Technology, Delhi
Academician

Dr. Ashish K Darpe
(Member)
Professor, Mechanical Engineering, Indian I
of Technology, Delhi
Academician

Mr. Uja Ghosh
(Member)
Co-Founder/Principal, Upalghosh Associates,
Delhi
Academician/Architect

Dr. Devadesh Sharma
(Ex-Officio Non Member)
Secretary)
Registrar, DU
Administration

DIT University Kulgeet

In the middle of the sun, a small amount
of totality takes a firm look in the pure air of
where there is intuition in the shadow of the knowledge tree,
that the name of that puneyabhitra is DIT Institute

Saraswati's mother is
honored with the honor of whose students have taken a
resolution for the sake of society, the country's dream of doing some
filled with dreams, the name of that karmabhoomi is DIT Institute

Where the tradition of the Guru Disciple is
performed, where the distinction of every caste is forgotten, the name of
religion is the DIT Institute, for each resident of which the resident g
respect

The basic mantra of Vasudhaiva Kutumbakam is taught where
lessons are taught about the duties and the human values
Survey Bhavantu

Sukhin: The name of that Gnan Bhavan is DIT Institute

Globally, a high level of higher education will be brought
to the world on the basis of research,
which gives the best quality at the global level, the standard of
the study is the DIT Institute.



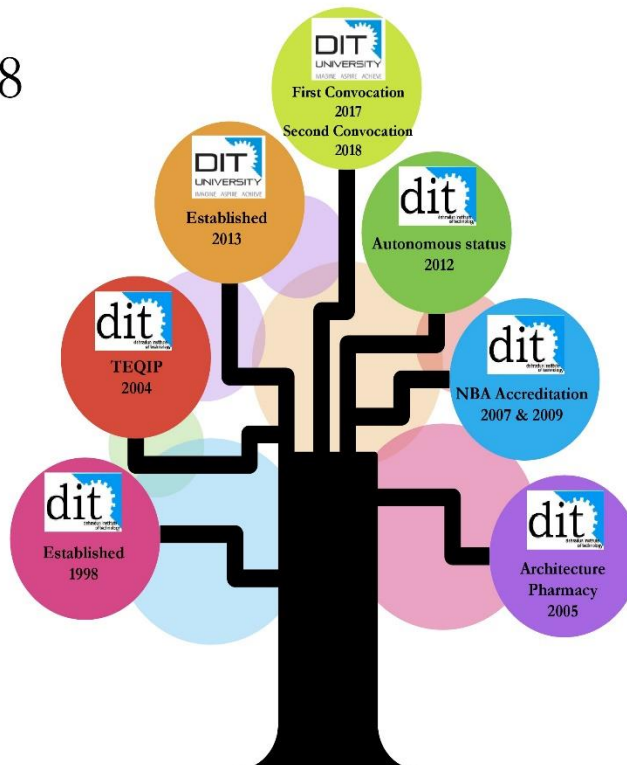
HERITAGE



Dehradun is known as the 'City of Education'. It has a rich heritage of schools, propagating a method of learning, well ahead of its time. To raise technical education in Uttarakhand, DIT came into existence back in the year 1998 and ever since then providing world class education by undergraduate, postgraduate, doctoral programs with a rich heritage spanning over 20+ years, DIT University (erstwhile Dehradun Institute of Technology) remains a synonym of quality education in northern India. The beautiful campus of University is located on Mussoorie road with a world class infrastructure and

resources. The students are mentored by more than 300 highly members combining the resources of a research focused university with a holistic approach to education. The University has 14 academic departments offer 75 unique programs in Engineering, Management, Pharmacy, Applied Architecture, Humanities & Social sciences. DITU boasts more than 15,000 alumni who leave their mark on society all over world.

Journey 1998-2018



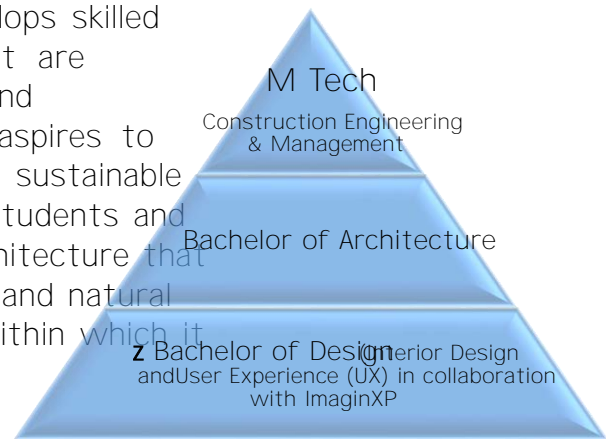


TEACHING LEARNING

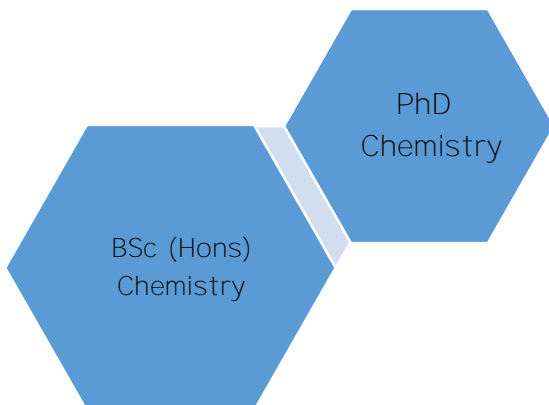
ACADEMIC DEPARTMENTS

3 Faculty of Architecture and Design

The Faculty of Architecture and Design develops skilled professionals who design environments that are ecologically sustainable and resilient, spacious and fair, healthy and aesthetic. The department aspires to associate proactively with the objective of sustainable and appropriate architecture, grooming our students and pointing them to the direction of creating architecture that achieves a balance between the built spaces and natural environment and also the societal context within which it operates.



3 Department of Applied Science (Chemistry)

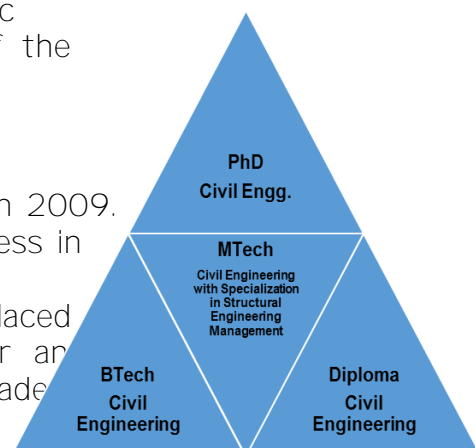


The department Applied Sciences (Chemistry) was established in 1998 to offer Engineering Chemistry Environmental Science courses in different disciplines. The laboratories of the Chemistry department are well equipped and are boon for the learners. All the faculty members are Ph.D. and qualified with JNET/ GATE. Two members are PDF from USA and Portugal. The Ph.D. course was introduced by the department in 2016 and now 3 students are working on a regular basis in this course. The Department of Chemistry organized many important international and national academic activities in recent

years. The Department of Chemistry is actively engaged in curricular and extension activities of the University.

3 Department of Civil Engineering

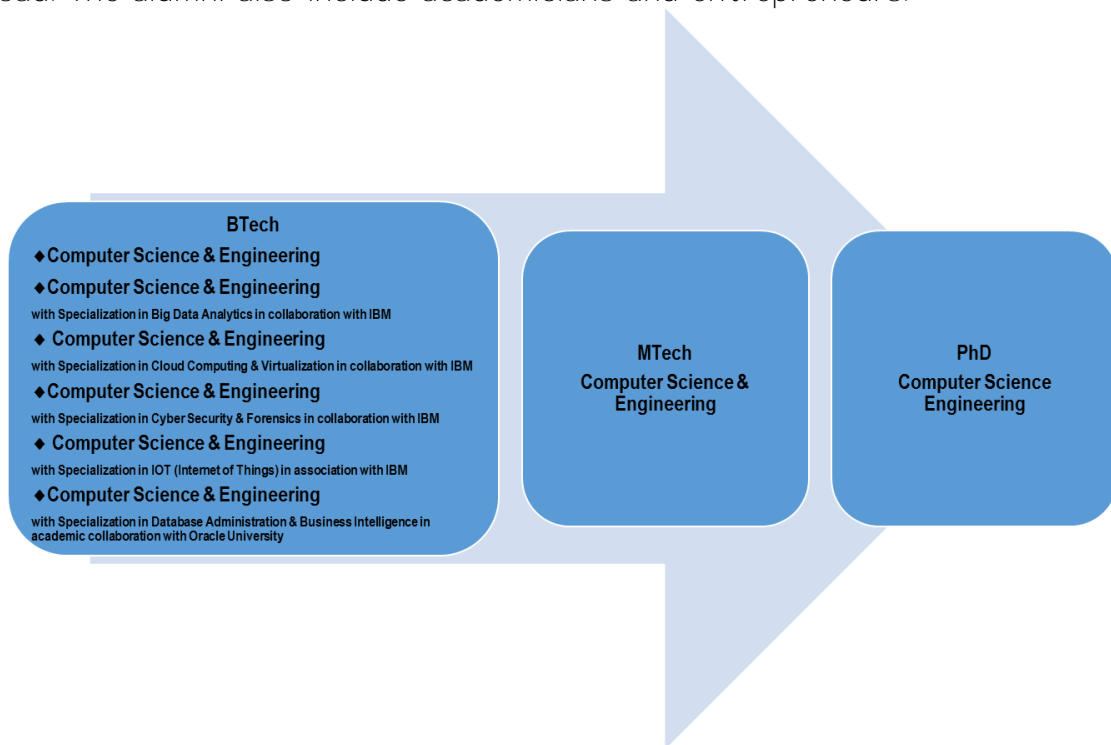
Department of Civil Engineering was established in 2009. Since then the department has proved its fast progress in the field of teaching, research, industry-academia interactions over the years. The students are placed in national and multinational companies every year and make us proud of our esteemed heritage. The academic



excellence and knowledge from best faculties (recruited from IITs) and state-of-the-art instruments in departmental laboratories make sure that the students will easily find themselves at the crown of

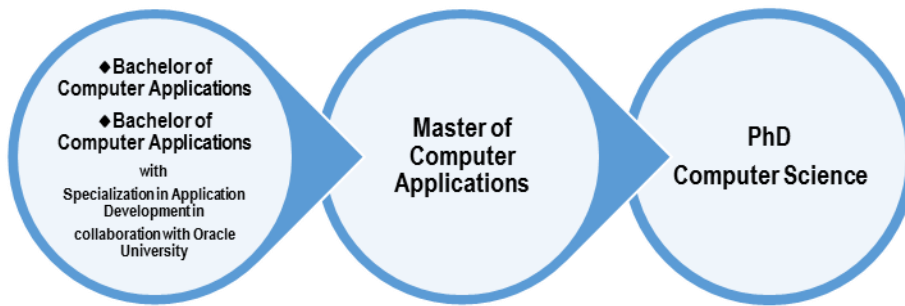
3 School of Computing (Computer Science & Engineering)

The department came into existence in the year 1998 to cater to the needs of the society and post graduate professionals in the area of CSE. The department has since then witnessed a massive size of the vibrant student body. The primary goal of the department is to provide a global academic touches every aspect of national life to create young and competent professionals. The environment of the department attracts students from all over India and provides a wide scope for betterment in education as well as extracurricular activities. Besides this, the department has developed strong research in faculties as well as students in diverse areas of Computer Science & Engineering. Doctoral candidates are liberally supported either by scholarships or by fellowships. The department is in the process of producing talented engineers and leaders to work in various national & multinational companies. For collaborative programs, the expert faculty with specialized skills takes up the courses, which are provided by Oracle and other reputed research and top ranking global companies. CSE are at the forefront in computer science and related fields and abroad. The alumni also include academicians and entrepreneurs.

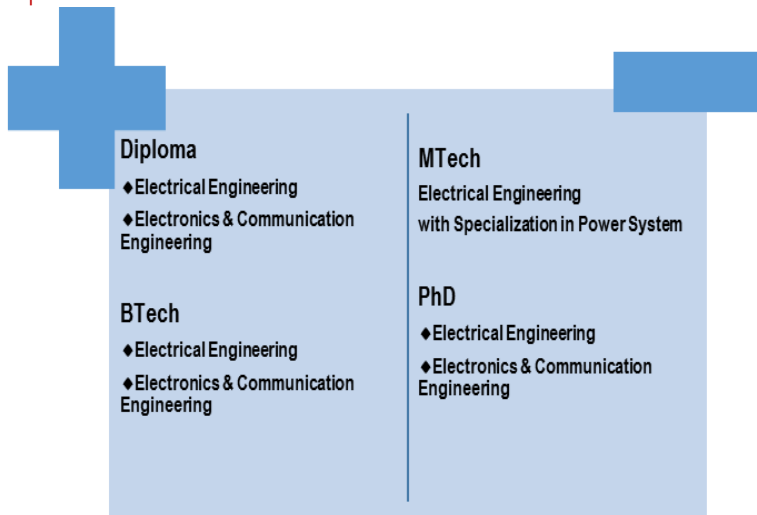


3 School of Computing (Computer Applications)

Ever since its inception in 2001, the computer department strives to meet the computing needs and offering specially designed courses to their students. Faculty of Computer Application has been design and offer courses to the twin objective of producing world class computer professionals to the R & D activities in this fast emerging and changing computer applications.



3 Department of Electrical and Electronics & Communication Engineering



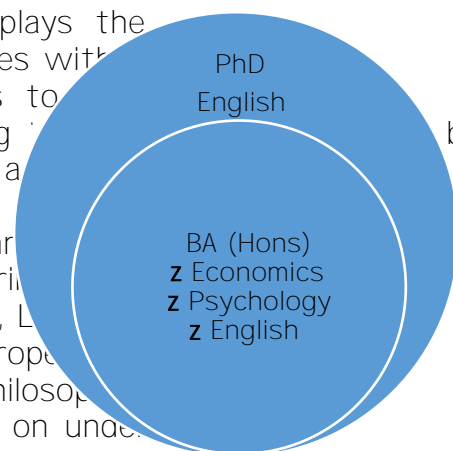
The primary objective of the department is to offer value added educational experience through quality instruction that prepares graduates for a range of career opportunities. The industry in the field of Electronics & Communication Engineering is an ever growing industry in the field of Electronics & Communication Engineering. Electronic communication engineers engage in research, design, development and testing of the electronic equipment used in various communications systems. It is due to the Electronics engineers that we enjoy such modern communication devices as cellular

telephones, radios and television.

Power System has been a thrust area in Electrical Engineering. But with the advent of power Electronics devices, the contemporary Power System has changed and it took a new phase. The generation of electrical energy from alternative/renewable energy has become very popular nowadays. Though the extensive use of power electronics devices has adversely affected power quality, researchers have found remedial solutions to tackle these issues. MoUs are signed with Smart Joule to setup Smart Joules lab in the department, Eduand processor lab and Secure micro electrical lab. SPIE DITU student chapter has signed MOU with Roorkee student chapter for joint technical activities in Optics.

3 Department of Humanities & Social Sciences

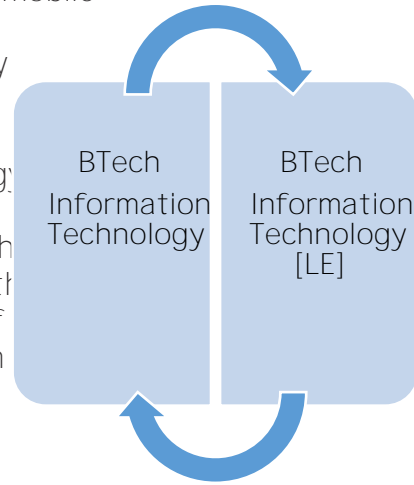
The Department of Humanities & Social Sciences plays the distinctive role of integrating human attributes and values with scientific and technological education. It helps to the holistic development of students through teaching a wide range of subjects, innovative curricula, and participation in co-curricular activities. The department offers Professional Communication and a host of subjects like Engineering Economics, Project Management, Positive Psychology & Living, Literature, Law and Society, Application of Psychology, Intellectual Property Rights, Industrial Psychology, Human Values, Indian Philosophy, Industrial Sociology, Sustainable Development and so on under the Choice Based Credit System. The Department introduced BA (Hons) Economics from session 2017, BA (Hons) English & BA (Hons) Psychology from BA (Hons) Sociology will be introduced in 2020. Further, in order to make the students ready, they are exposed to corporate communication and their technical development with an emphasis on critical thinking, rhetorical



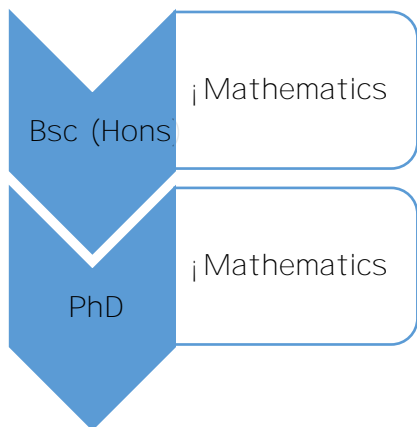
analysis, effective writing and effective document design to enable them to present themselves effectively and handle professional situations

3 School of Computing (Information Technology)

All pervading nature of computers and different mobile devices have resulted in huge demand for IT education. Every moment we experience Information Technology around us in one or other form. The IT sector in India is generating 2.5 million direct employments. At DIT University, the Department of Information Technology is amongst the most admired branch. Department started in the year 1999 with BTech IT program. The department is helping the students to enhance their skills in Research & Development through a balance of theory and Lab. Department emphasizes on Domain Specific Applications such as Networks, Information Security, Software Engineering, Process, Cloud Computing, Machine Learning, Deep Learning, Data & Big etc., to facilitate students in acquiring higher degree of knowledge, global competency and excellence, for the betterment of the society.



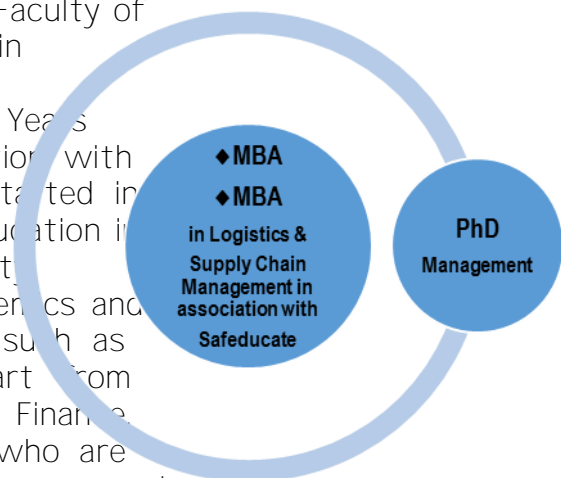
3 Department of Applied Sciences (Mathematics)



Mathematical techniques are an essential part of analytical and logical reasoning of all learnings. Therefore, it is imperative for all professionals to have sound knowledge of Mathematics. Department of Mathematics was established since the inception of Dehradun Institute of Technology in 1998. It has been delivering courses on Engineering Mathematics and courses required by various Engineering Departments. Department started B.Sc(Hons) Mathematics program in 2017. It has well designed syllabus includes courses from statistics and Computer Science and has become popular among students.

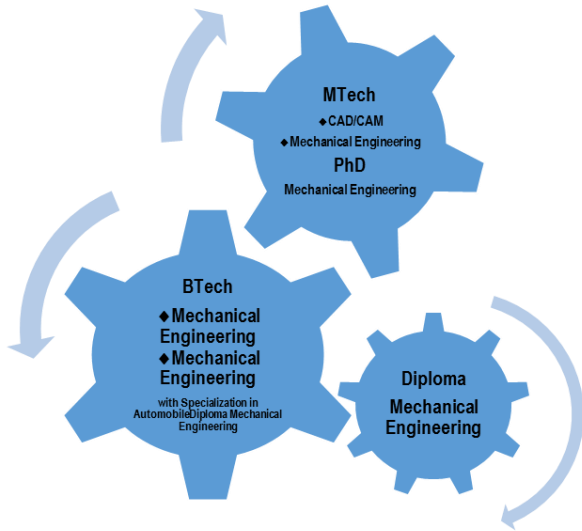
3 Faculty of Management Studies

The MBA department, DIT, Dehradun (erstwhile Faculty of Management Studies, DIT University) was established in 2004 by launching MBA Program. Currently, 3 Programs i.e. 2 Years Full Time MBA Program and 2 Years MBA in Logistics and Supply Chain in Association with Safeducate and Full Time Doctoral program (started in 2014). As one of the best school for business education in Uttarakhand, FMS, DIT University has full time faculty members with experience of industry and academics and have expertise in teaching new age domains such as Business Analytics and Digital Marketing apart from traditional specializations like Marketing, HR and Finance. In addition, it invites visiting faculty members, who are practitioners from the Industry to bring hands on corporate experience to make learning more exciting.



FMS, DIT University, reputed institutions like IIMs). Further, Industrial tours and educational trips, personality development, aptitude, general business awareness, building also arranged from time to time for the holistic development of the students. DIT University follows flexible credit based courses for diverse teaching learning process and grade based evaluation for global compatibility.

3 Department of Mechanical Engineering

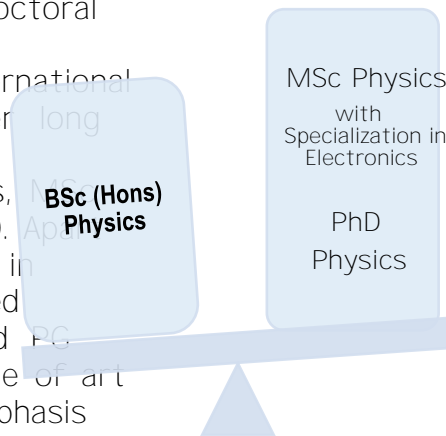


Mechanical Engineering is at the forefront of developing new technologies for a number of industries including transport, healthcare, construction, robotics, automobile and power sectors. Mechanical Engineering permeates all engineering systems (fluid mechanics, solid mechanics, heat transfer, control systems, computer applications, automation, machines, mathematics, physics, etc.). If a technical degree incorporating a broader understanding of the world sounds appealing to you, Mechanical Engineering is the most sought after courses by students. This engineering as a specialized program of Mechanical Engineering deals with the design and manufacturing of automobile and the respective subsystems. Automobile engineers incorporate elements of mechanical, electrical, software and

safety engineering in manufacturing and operation of automotive vehicles. It is a stream which has a passion for vehicles and technical knowledge, thus making it interesting. It is an interdisciplinary field which encompasses mechanical engineering, electrical and electronics and software engineering. This again adds to the interest. A multitude of research topics offer, especially hybrid power trains and fuel cells.

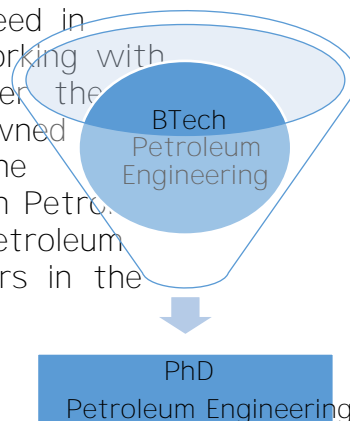
3 Department Applied Science (Physics)

The Department of Physics offers UG, PG and Doctoral programs. The curriculum of these programs is in line with best practices being followed at national and international centres of repute and has been finalized after long deliberations with reputed academics and industrialists. The programs offered are BSc (Honours) Physics, MSc Physics with specialisation in Electronics and Ph.D. Apart from these programs the Department is also involved in teaching BTech courses. The Department has established nine well equipped state of art labs for UG and PG programs and has also successfully set up a state of art Materials Research Lab. The Department lays emphasis to provide opportunities for immense research experience and this has led to enhanced research activities in the department. Presently the Department of Physics has received grants of about 600 lakhs from funding agencies viz. SERB-DST Sponsored project of cost 39.3 Lacs and DRDO Sponsored project. The cost of the department hopes that by giving central importance to research activities it will improve the quality of research as well as translate the findings of the scientific research into an impact which will make a difference to the industry as such and the society as a whole.

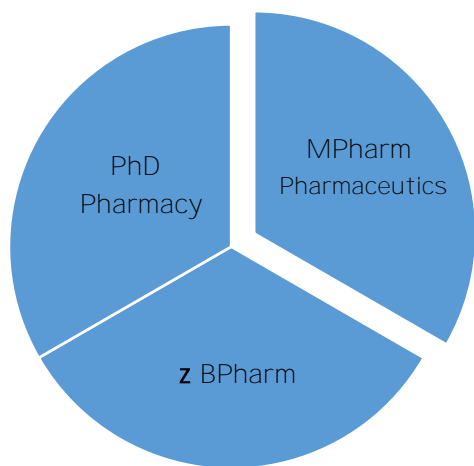


3 Department of Petroleum & Energy Studies

The Department of Petroleum & Energy Studies at DIT University was established in 2011 to prepare students to succeed in hydrocarbon industry that is evolving into industry working with many energy sources. Subsequent developments, under the guidance of series of distinguished educators, renowned personalities from the oil and gas industry, have led the department to the forefront of research and teaching in Petro. Engineering. In addition to exciting careers in the petroleum industry, many of our graduates find rewarding careers in the environment arenas, consulting, and many other walks of life.



3 Faculty of Pharmacy



The Department of Pharmacy was established in 2008 and recognized by the Govt. of Uttarakhand & approved by Pharmacy Council of India, New Delhi. The Department has been a front runner in the field of pharmacy education with highly qualified, experienced and research faculty. It also ignites, inbuilt abilities & potentialities among students and prepares highly competent Pharmacists who can excel in the Pharmacy profession nationally and globally.

In the last 13 years the department has presented more than 250 research papers at National and International scientific platforms, filed 86 patents and published more than 200 research publications. Our graduates have excellently placed in pharmaceutical companies such as Pharmacia, Nestle, Alembic, McLeod Pharma, Lupin, Natco Pharma, etc., with over 80% placement record.

Department is judged as an outstanding pharmacy institute of Uttarakhand & one of the best institutes in India as per IPER (Institute of Pharmacy Education & Research, Pune).

NPTEL CHAPTER

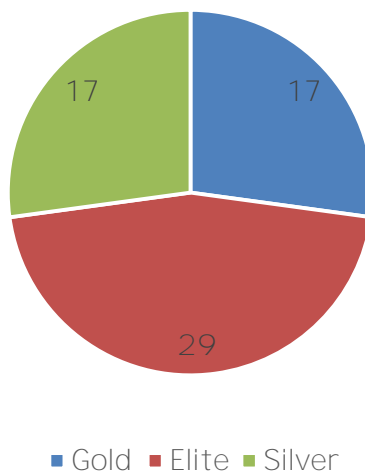
NPTEL is a largest online repository in the world of courses in engineering and selected humanities and social sciences subjects. One of the fundamental goals of the project to bring in all the best courses available for the community under free and open sources agreement.

DIT University Active NPTEL local Chapter which has been established in Jan 2016. The objective of this chapter is to enable the students to gain knowledge through enhanced video lecture and obtain certificates for the same. This chapter is progressing under the headship of a Dr. Ritika, Associate Professor, Faculty of Applications who is SPOC of NPTEL DITU Chapter.

Statistics of DITU enrolments to the NPTEL from June 2018 to April 2019

Year	Courses Offered	Scholarship applied	Total Enrolment	Mentors
Jul-Sep/Oct 2018	271	19	819	26
Jan-Mar/Apr 2019	291	10	789	4

Percentage of students passed in different category



NEW INITIATIVES

Choice Based Credit System

The University introduced Choice Based Credit System (CBCS) in 2018 and onwards to embrace rapid technological changes by way of periodic revisions in course curricula and to provide a reasonable flexibility to the students in choosing their desired course program. CBCS offers different courses in categories that include University Core, Department Core, Humanities Core, Humanities Electives, Department Electives and Open Electives.

Career Orientation Programs

Various programs to orient students about industry expectations are organized. Additional seminars are conducted by the students in each semester to improve learning in areas like Literature, Personality Development, Group Discussion and Presentation Skills. Moreover, opportunities to enhance their communication skills are provided.

Training Programs

- 3 First Year Special Soft Skill Training is arranged to enhance the cluster of personality traits, social communication, language, interpersonal skills that characterize relationships with people.
- 3 Second Year 40 Hours of Value Added Training, related to special software for the enhancement of the students.
- 3 Third Year 80 hours of rigorous Aptitude Training for enhancing the aptitude (numerical, verbal, reasoning, analytical skills) of the students. Since this is considered as the initial level of screening in any special care is taken for the aptitude training.
- 3 Campus to Corporate 40 hours of dedicated training through expert lectures from industry senior officials arranged for developing team skills, leadership qualities, managerial skills and behaviour.

Industrial Internship

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

Admission Counselling and Academic Evaluation through ERP

Online admission counselling for 2018 and 2019 have been successfully completed at various centers across the nation through SAP system. It helped the aspirants to connect with various universities and take admissions in the program of their choices. The examination department has also successfully implemented a system for the online declaration of results which has added convenience and transparency to the examination and evaluation system.

Mentor Mentee system

The system has been introduced in all departments to help resolve academic problems of students. The faculty member who acts as a mentor for a batch of 15 students conducts a meeting on a weekly basis to upkeep the record of students.



FACILITATION SYSTEM

CENTRAL LIBRARY- VEDA

Introduction

The Central Library (Resource Centre) is housed in a newly built and furnished resource center with open terraces and spacious reading rooms create an serene and thereby inspire the learning and research. Resource Centre is spread over area 2 which can accommodate 400 readers. Rapid advances in Information and Communication Technologies changing the library and information services drastically. Besides this, expectations of the user manifold. Libraries are not mere spaces they are much more than that. It has become a challenge for library management to keep pace with changing information packaging and delivery methods on one hand and the user expectations on the other. DIT Central Library (Veda) has been striving over the years and as per feedback from its patrons has been quite successful in this venture. Veda not only procured new collection building and infrastructural augmentation but also put a lot of emphasis on facilities for like users. In previous years, this year also focus was on the strengthening of collection and the latest information and communication technologies in its services. Now, SMS Alert Service has started for its users for sending SMS and confirmation mail for every transaction. Veda has adopted version WEB library management software (Libsys) with improved features.

Budget

Central Library has been allocated 102.52 lacs for all three Libraries. Out of the allocated fund 102.52 lacs has been utilized for purchased books, and e-books 10 lacs for subscription to journals, 15 lacs for E data base, and 5 lacs for upgradation of Library management software and amount for contingency.

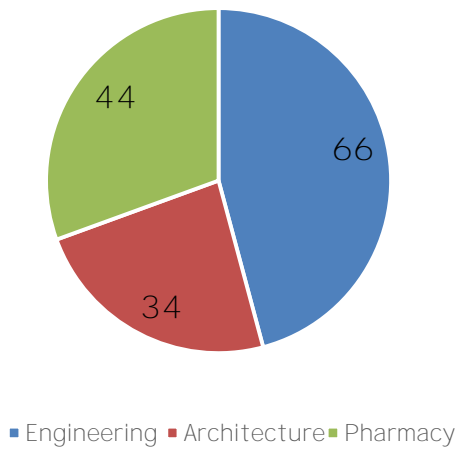
TECHNICAL PROCESSING SECTION

Classification, Cataloguing, Indexing and data entry of more than 6794 new books, including dissertations, which were received during the period of July 2018 to June 2019 have been successfully completed.

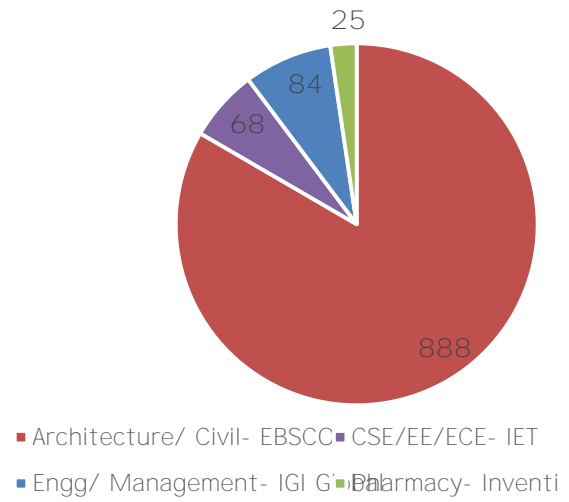
CIRCULATION SERVICES

Central Library has strong base of users who visited and heavily utilized the services during the period under report. In view of the account of users, DIT Central Library has adopted the dual confirmation method by SMS Alert Service and Web Mail Alert Service.

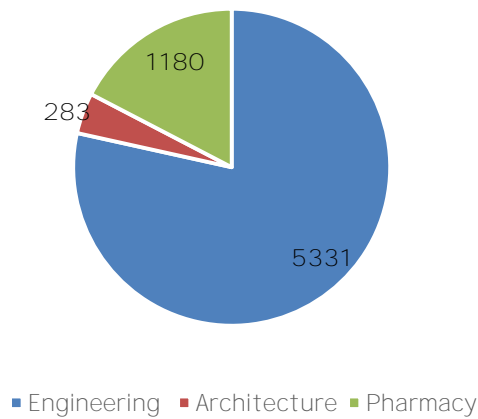
Periodical/ magazines purchased



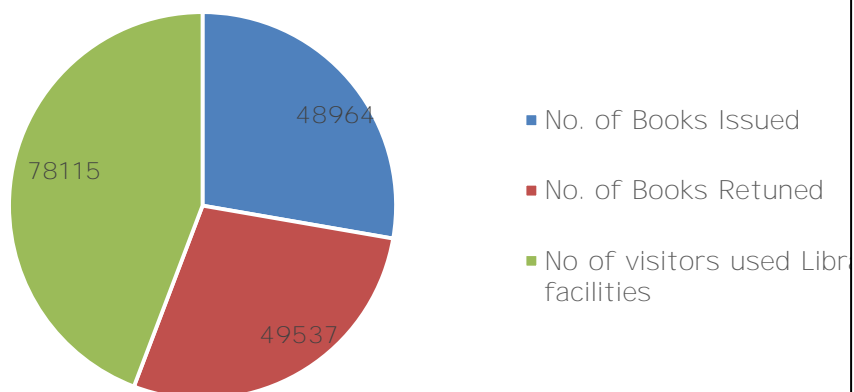
e-Resources added



Books Purchased



Statistics from the circulation desk



MEMBERSHIP

During this year, 1610 new members including undergraduates and postgraduate students and members, research scholars enrolled as library users. A total 627 memberships were cancelled and no certificates issued.



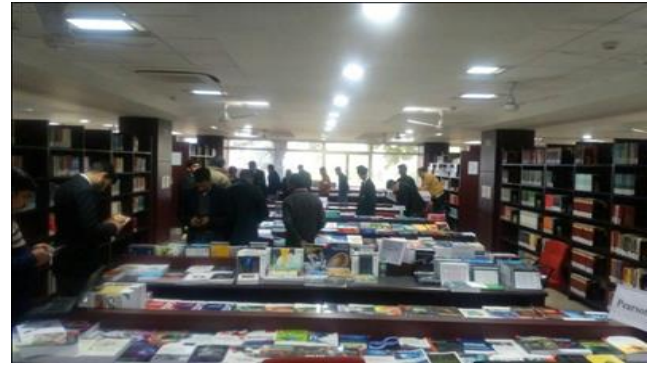
INITIATIVES

- Central Library has launched a digital repository of theses and dissertations for quick and easy browsing. All these had been uploaded on Dspace.
- Central Library is working as a central hub for plagiarism checking of the new Ph.D. theses and dissertations through software like TURNITIN. Through this service 10+theses and 15000+dissertations have been checked in the period and originality certificates have been provided to research scholars and PG students.

Events organized

Date	Name of event	Description
07 th to 08 th February 2019	Book Exhibition	A Book Exhibition was organized in the center for students, faculties, and staff members of the University
17 th April 2019	Users Utilization Program	One day User Utilization Workshop for library facilities was organized





Center for Information & Technology Management

DIT University is a leading institution in the field of knowledge and technology. We are committed to providing the best quality education for the greater benefit of our students. The professional staff of the Center for Information & Technology Management, under the leadership of the School of Computing, manages the campus computer networks.

Internet Connectivity

The computer labs are equipped with high quality persistent bandwidth high speed uninterrupted Internet connectivity at 1.2 Gbps across the campus.

Data Center

DIT University builds and maintains an array of collaborative systems, mainly websites, to facilitate the global exchange of knowledge and ideas among students, faculty, and the alumni.

Audio Visual Facilities

It is said that the medium is ideal to implant an idea into the mind of a student. Keeping this in mind, our AV Center is equipped with modern audio-visual equipment and video conferencing facilities.

Microsoft Campus Agreement

In order to increase the access to educational resources and to help improve teaching & learning curves.

Hewlett Packard Campus on the Go Program

DIT University has signed MoU with HP for training and software development. HP is providing training to our students and faculty members on emerging technologies. Along with this, Prometric Certification Courses for .Net, Oracle (OCP), Communication Technology, Java, GIS, etc. are also conducted.

CISCO Network Academy

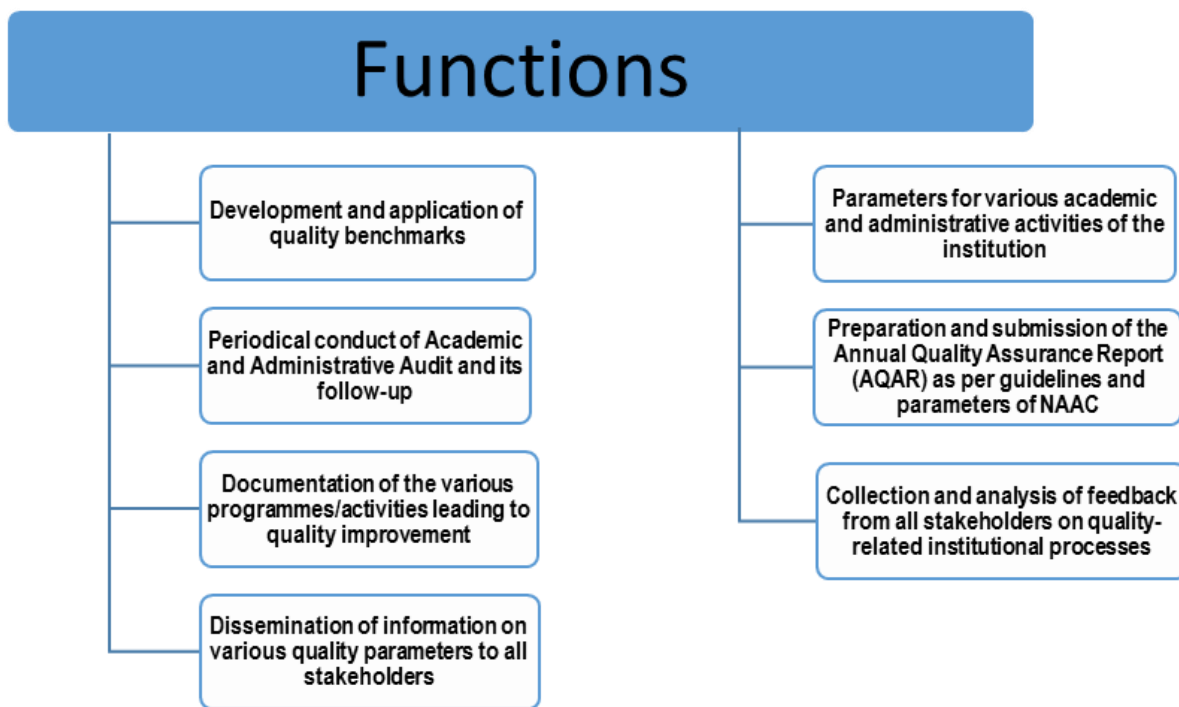
A unique joint initiative by CISCO Systems and DIT University to train students and faculty on practical aspects of networking technologies so that they are better prepared for the requirements of the industry. The complete training content through learning courses including CCNA and CCNP.

Red HAT at DIT University

LINUX is a language which has already a go source for each individual. Keeping this in mind the Red HAT program offers entire training content through learning on the Linux platform. The program includes RHCP certification.

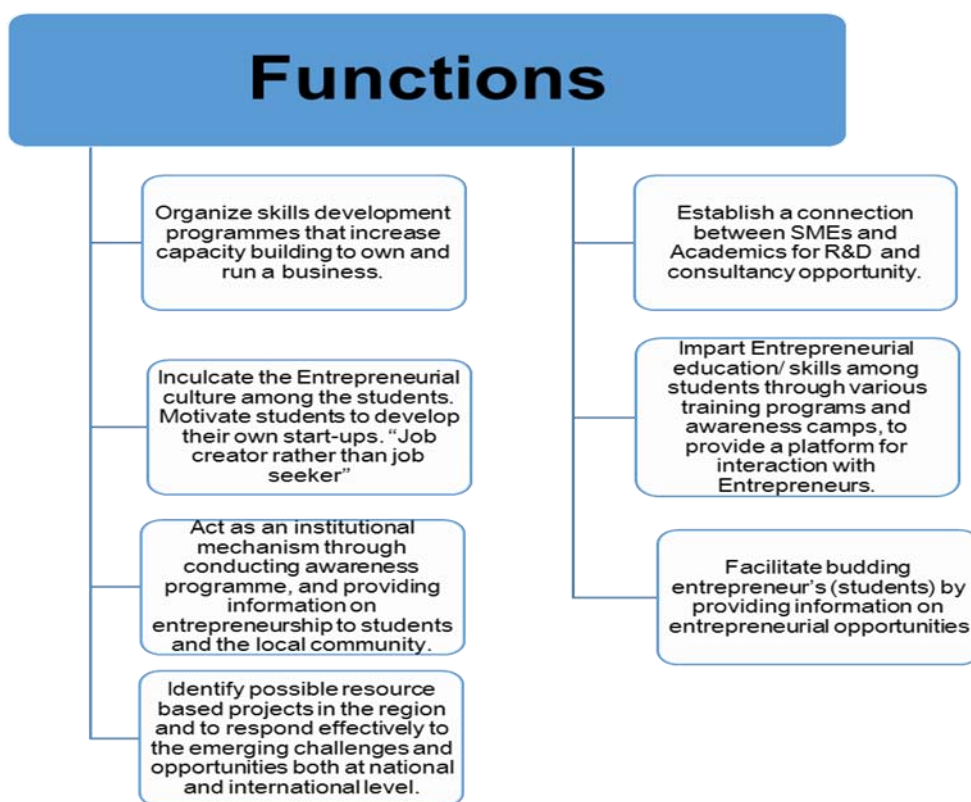
Internal Quality Assurance Cell

The Internal Quality Assurance Cell (IQAC) has been constituted to take the care of development and application of quality benchmark parameters of various academic and administrative activities.



Entrepreneurship Development Cell

ED Cell is established to transform the students into ambitious and efficient entrepreneurs who can contribute to a sustainable national economy through engaging Micro, Small and medium scale enterprises across the country.



Entrepreneurship Awareness Camp

ED Cell organised 5 EAC during the year 2018-19. The 1st Camp, of 3 days duration, was conducted in and around our premises and aims at creating awareness among students about various facets of Entrepreneurship.

highlighting the merits of pursuing entrepreneurship. In each EAC, about 75 students are exposed to aspects of entrepreneurship, including opportunity guidance, services offered by agencies of support. A visit to the industries located in the region is also arranged so that students are in direct touch with practical entrepreneurs.



Guest Lecture by Entrepreneurs



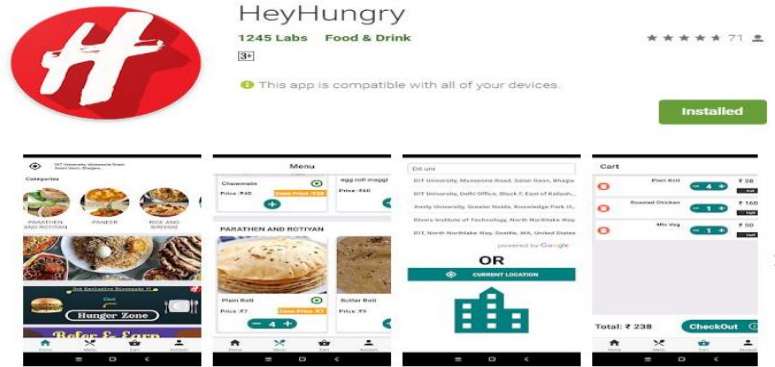
Mr. Ankit Khanduri, Director and founder of LITEHIRES and FARMORIGIN AGRO SCIENCE PVT. Ltd. Mr. ANKIT KHANDURI holds extensive experience in technology start-ups. He has built 2 companies from scratch and has also been funded by Hong Kong based accelerator and has raised about 3 crores for his company venture. He has also been nominated for the State Council of Uttarakhand to help promote entrepreneurship in the state.

Dr. HS Cheema, MD of Cheema Boilers visited University to deliver a talk on Entrepreneurship. He recounted his experience of his foray in the field of entrepreneurship and the founding of his start-up. In his highly motivating talk, he highlighted the various aspects of entrepreneurship and the skills required for a good entrepreneur.



Startup Initiative

Hey Hungry (Tesmocat Pvt. Ltd.), hunger killing initiative (started by Kunal B. Tech CSE 3rd year student of DIT developed an application and tied up with restaurant which can provide food to college at economical price, especially at late hours in the night. Currently, the app is running successfully in Dehradun and Kota, a number of users crossed 5000 in Dehradun

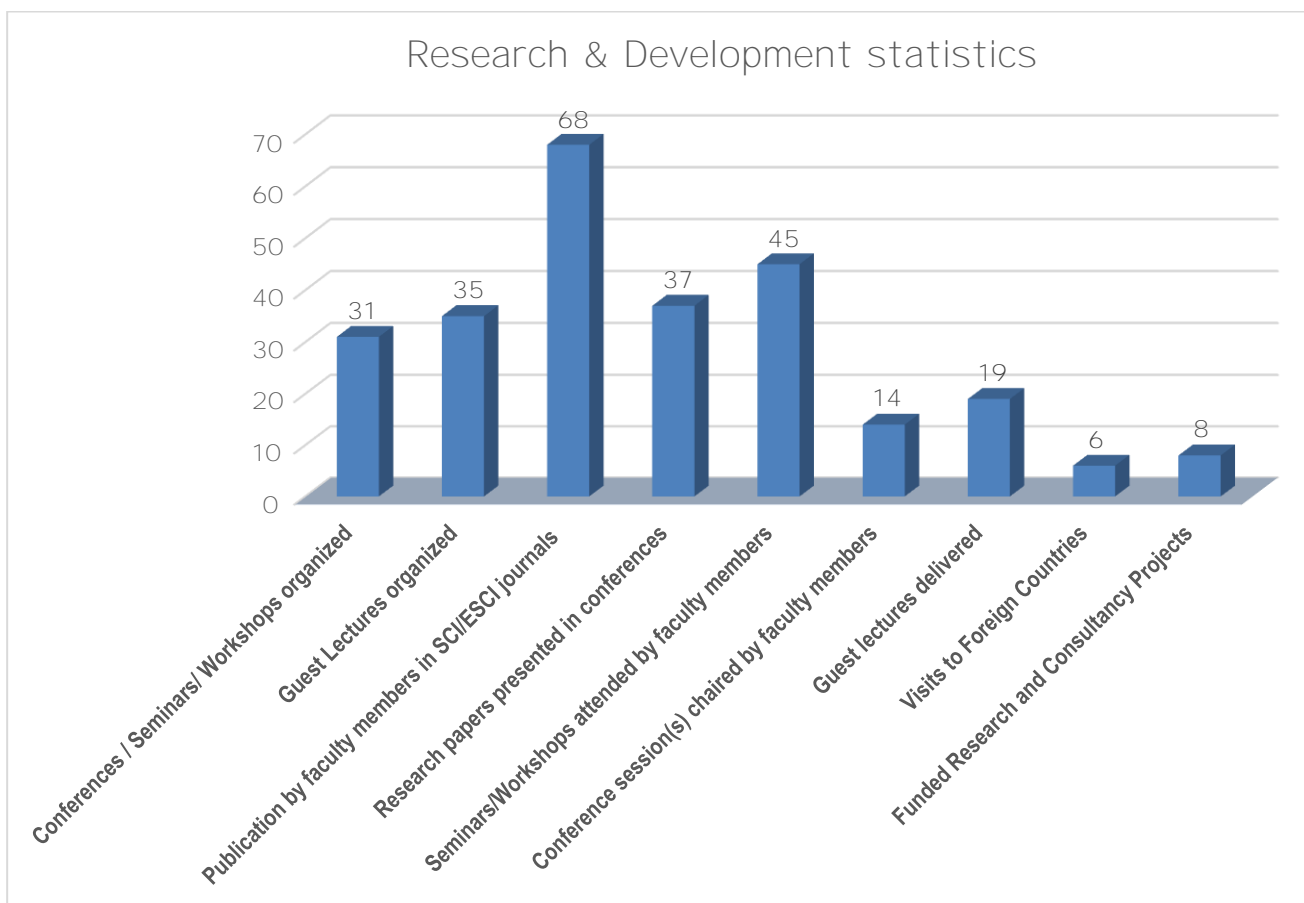


HeyHungry is an online food delivery app specially built for students for late night orders. This app was built considering the problems students face when they reside in hostels away from their homes. Messes never provided good food and there was no better choice for late night food delivery till now. Now you can get awesome food at same rates in nights too along with free delivery. Get discounts and cashbacks on your orders. If you are Hungry go for HeyHungry.



RESEARCH & DEVELOPMENT

Since inception, one of the prime goals of the University is to apply the potential strength of individuals and departments to provide high quality research through learning and knowledge sharing. The faculty members have been granted sponsored research projects to initiate the nucleation of research in areas of science and technology. The faculty has innumerable articles published in journals, research papers presented at international and national conferences and seminars. To embrace cutting edge technologies and scientific innovations, a series of Guest Lectures and Conferences, Seminars and Workshops have been organized in various departments of the University in the recent past.



Conferences / Seminars/ Workshops organized

S. No.	Conference/Workshop/Seminar organized	National /International	Convener/ Coordinator	Date	Department/Program
1.	Hands On Supergrass: Two Days Ba Workshop	National	Mayank Gupta, Vikram S Kunwar, Abhinav Gupta	24 th -25 th October 2018	Architecture
2.	Sketching and Rendering	National	Navanil Chattopadhyay	7 th September 2018	
3.	Basics of Photography	National	Virendra Singh Exe. Marketing, North Region, Ind	16 th October 2018	
4.	Workshop on Sustainable Architectu	National	5WARAJ	24 th October 2018	
5.	Conference on S heritage in Dehrad	National	INTACH Chapter Dehradun	16 th -18 th October 2018	
6.	: U Wi ` h m ` 8 Y j Y ` c d a Y H \] b _] b [` U b X ` D f c W	National	S.K.Das-SK Das and Associates	16 th July 2018	
7.	Workshop on Illustrators software.	National	NainaJain	15 th October 2018	
8.	Interactive Session of Engineered Buildings	National	Everest Industries Roorkee	26 th October 2018	
9.	Portfolio making workshop	National	Dezinecarrer, New Delhi	12 th -13 th Feb 2019	
10.	Employability of Engineers	National	Mr. Shiraz Imam, Managix Tech., Mr. Ajay Kumar	09 th August 2018	
11.	Environmental Nanotechnology for Economic Development of India (ENTSED2018)	International	Dr. D.K. Mahanty	28 th -29 th September 2018	Civil
12.	í 5 K%G Í ` h k c ` X U m ` k c f í G i g h d e j . i n t h e / f i e l d o f m i c r o w c o m m u n i c a t i o n a n d c o m p u t i n g	National	Dr. Brajlatha Chauhanr	5 th -6 th April 2019	EE & ECE
13.	MLT Mat lab workshop on simulink k] f Y ` Y g g ` W c a a i b] W	National	Dr. Brajlatha Chauhan	14 th September 2018	
14.	K c f _ g \ c d ` c b ` A r a j i n W f	National	Dr. Sandip swranakar	17 th October 2018	
15.	Data Science and R programming	National	Prof. Anil Kumar	8 th March 2019	
16.	FDP on DEEP learning	National	Prof. Anil Kumar	27 th -31 st May 2019	IT
17.	Leadership Development Program oí [@ Y U X Y f g \] d `] b ` <]	National	Dr. Hemraj Verma	13 th June E 14 th June 2019	MBA
18.	One day Workshop on Aligning Empl Expectations with Organizational Gr	National	Dr. Hemraj Verma	12 th June 2019	
19.	Next generation Wireless Networks	National	Mr. Deepak Sharn	16 th -20 th July 2018	MCA
20.	NPTEL Awareness Workshop	National	Dr. Ritika	13 th July 2018	
21.	Seminar on Design Validation of Air Automobiles & General Engineering	National	Mohit Nagpal	10 th August 2018	Mechanical
22.	Seminar on Renewable Energy and s world wide	National	Mohit Nagpal	10 th September 2018	
23.	Characterization Techniques and Theoretical Modelling in Condensed M.	National	Dr. Surbhi Sachde	13 th E 14 th July 2018	Physics
24.	Advanced Synthesis and Characteriz Techniques: Success and Scope	National	Dr. Samta Manoo	9 th March 2019	
25.	Faculty Development Program	National	Prof. (Dr.) N. V. Satheesh Madhav	11 th E 14 th July 2018	Pharmacy
26.	Happiness programme the art of living	National	Prof. (Dr.) N. V. Satheesh Madhav	12 th E 14 th July 2018	

27.	Integration of Best International Pedagogical Practices to Indian High	National	Prof. (Dr.) N. V. Satheesh Madhav	2 nd January 2019	
28.	Environmental Nanotechnology for Economic Development of (INDISED 2018)	International	Dr. Naveen Singh	28 th -29 th September 2018	Chemistry
29.	National Youth Parliament (SYPUK 2019)	National	Dr. Naveen Singh	7 th February 2019	
30.	Workshop on Statistical Techniques Software	National	Dr. Nitin Kumar Kamboj	8 th -9 th March 2019	Mathematics
31.	Basics of Python	National	Dr. Fateh Singh	7 th -9 th March 2019	

Guest Lectures organized

S. No.	Name of the expert	Affiliation of Expert	Title of the lecture	Date	Department/Program
1.	Mohd. Rashideen Saifi	SPA Delhi	Nitty Gritty Of Construction Project Management	23 rd October	Architecture
2.	(Col.) Shishir Kumar	IMAGINXP	Scope and vision of UX	14 th March 2019	
3.	Prof. Achintya Bezbauroah	North Dakota State University	Improving Our Built Environment Writing the History of Our Future	20 th September	
4.	Dr. B.S. Bhooshan	BSB Architects	Delight of Domestic Architecture of Everyday	16 th January 2019	
5.	Prof. Dr. Gunter Nest,	Habitat Forum Berlin	Modes of production of housing utilities and infrastructure	8 th March 2019	
6.	Prof. Manoj Mishra	IIT Roorkee	Cyber Security: Phishing	4 th August 2018	
7.	Mr. Shiraz Imam	Managix Technology, < D V U X	Agile Technology	10 th August 2018	
8.	Ms. Liani Tamso,	Northen Kentucky University	Higher Studies: International Internship	8 th March 2019	Civil
9.	Prof. C S P Ojha	IIT Roorkee	Water Yield and Water Quality Variability in Upper Ganges Basin	12 th January 2019	
10.	Mr. Rajendra Thapliyal	Genesys International Corp Ltd.	Role of Remote Sensing and GIS applications in Civil Engineering	11 th January 2019	
11.	Mr. Shrinivash Yadav	I.R.D.E., D.R.D.O., Dehradun	LOS Stabilization Of Electro Optical Payload	6 th April 2019	EE /ECE
12.	Dr. Divya Saksena	IMS Unisod University Dehradun	UNDERSTANDING GENDER FOR EMPOWERMENT AND CHANGE: WOMEN, WAR & WORDS	25 th March 2019	Humanities
13.	Mr. Mohit Nagre and Dr. Anil Kumar Dahiya	EDC Cell	Entrepreneurship and Skill India Development	11 th March 2019	IT
14.	Dr. Pratibha Singh	Clinical Psychologist at consultant Hospital Dehradun	Stress Management	06 th October 2018	MBA
15.	Mr. Bhanu Prata Singh	Finance Consultant & Promotor of The learn Curve academy	Finance Gym	10 th August 2018	
16.	Capt. Praveen Raghuvanshi,	Advisor, CDAC Pune	The Corporate World	15 th Feb 2019	
17.	Donald Davis	Promotor of Taste America	Food Business Entrepreneurship	16 th January 2019	
18.	Dr. Lokesh Sharn	Manipal University Jaipur	IOT With Arudeno kit	15 th January 2019	

19.	Dr. Sanjeev Malik	IIT Roorkee	3D Reconstruction and Software Development for City Model	18 ^h September	
20.	Mr Vaibhav Bhardwaj	Ashok Leyland	Breaking barriers for the students in terms of job scenario and future	15 ^h March 2019	Mechanical
21.	Mr RNS Rawat	Doon Rubber Industry	Manufacturing of rubber mould components in industry	27 ^h November	
22.	Mr Kapil Goyal	Autodesk India	Introduction to Fusion 360, "The Future of Manufacturing" : i h i f Y ' c Z ' A U _] b	30 ^h October 2018	
23.	Mr. J.N. Prabhakarudu	GM, ONGC, Dehradun	NonSeismic Geophysical Techniques	1 st September	Petroleum
24.	Mr Umesh Chandra Pradhan	GGM, KDMIPE ONGC, Dehradun	Toil for Oil	18 ^h February	
25.	Dr. Ratnamala Chatterjee	IIT Delhi	Multi Ferroics and their Applications	6 ^h October 2018	Physics
26.	Dr.G. Sumana	NPL, New Delhi.	Fabrication of Biosensors for diagnostic application	24 ^h October 2018	
27.	Dr. Sanjay Singh	Sanjay Orthopedic, Spi & Maternity Centre ar Shewa Society, Dehradun	Road safety	18 ^h November 2018	Pharmacy
28.	Dr. Yusra Ahmed	Professor, Uttarakhand Technical University Dehradun, Uttarakhand India	Medication Error	15 ^h November 2018	
29.	Prof. Sanjay Singh	Professor and Head, Department of Pharmaceutical Engineering and Technology, IIT, Delhi	Futuristic professional expectations from current budding Pharmacists	14 ^h November 2018	
30.	Dr. Brahmeshwar Mishra	Professor, Department of Pharmaceutical Engineering & Technology, IIT, BHU	Positive thinker in overcoming everyday personal and professional challenges	14 ^h November 2018	
31.	Prof. Dr. Javed Akhtar	Faculty of Pharmacy, Jamia Hamdard, New Delhi	Lipid Nano carrier for Bioavailability Enhancement: Challenges and Opportunities	11 th July 2018	
32.	Mr. Madan Lal	Registrar, Uttarakhand State pharmacy council	Hospital Training Avenues For Budding Pharmacist	10 ^h April 2019	
33.	Mr. Naval Pant	Co-founder of Aaradhy Enterprises	New startups ideas	27 ^h October 2018	
34.	Prof. S.B. Singh	GB Pant University	Fuzzy logic: An Emerging Perspective	05 ^h February 2019	Mathematics
35.	Prof. Anirudh Pradhan	GLA Mathura	Cosmology	06 ^h July 2018	

Publications by faculty members in Refereed/Scopus journals

S. No.	Name of Author	Title of Paper	Name of Journal	Vol./Pg.no.	Year of pub.	Impact Factor (if any)	Department/Program (No. of papers)	
1.	Dr. Aanchal Sharma	Thermal Behavior of Naturally Ventilated Buildings and their Energy Consumption	Asian Journal of Convergence in Technology	5	2019	5.11	Architecture (01)	
2.	Chakraborty R. Sushil R., Garg M.L.	ICQPSO based multilevel thresholding scheme applied on colour image segmentation	IET Signal Processing	13(3)/387-395	2019	1.75	CSE (08)	
3.	Chakraborty R. Sushil R., Garg M.L.	Mutual Inclusive Learning based Multi-Swarm PSO Algorithm for Image Segmentation using an Innovative Objective Function	Int. J. of Computation Science and Engineering	----	2019	----		
4.	Kumar, V., Garg M.L.	Comparison of Machine Learning Models in Student Result Prediction	Advances in Intelligent Systems and Computing	870/439-452	2019	----		
5.	Gupta, S., Bhar V., Kumar, A.	A survey on various machine learning algorithms for disease prediction	International Journal of Recent Technology and Engineering	7(6)84-87	2019	---		
6.	Joshi, K., Joshi, N.K., Diwakar, M.	Image fusion using cross bilateral filter and wavelet transform in domain	International Journal of Engineering and Advanced Technology	8(4C)/110-115	2019	---		
7.	Diwakar M., Kumar P., Singh A. K.	CT image denoising using NLM and its applications	Multimedia tools and applications	1-16	2018	1.54		
8.	Chakraborty, Sushil R., Garg M.L.	An Improved PSO Based Multilevel Image Segmentation Technique Using Minimum Cross Entropy Threshold	Arabian Journal for Science and Engineering	44(4)30-053020	2018	1.518		
9.	Prakash, D., Kumar, N., Garg M.L.	Optimized Routing for Efficient Data Dissemination in MANET to Meet the Fast Changing Technology	Journal of Global Information Management	26(3)/1-10	2018	----		
10.	Ghoshal, T., Chakraborty, A	Response of quick scatterometer with forcing on the RO simulation during I A 5 @ 5 D Wn	Indian Journal of Ge Marine Sciences.	48(05)	2019	0.289		Civil (01)
11.	Nafees Ahamed	Substructure preservation based approach for discrete time system approximation	Microsystem Technologies	25/64-649	2018	1.581		EE /ECE (05)
12.	Vivek Kumar Srivastava, Amrindra Pal,	Design of Hamming Code Checker Using Titanium Diffused	Fiber and Integrated Optics, Taylor and Francis	38 (3)	2019	0.895		

	and Sandeep Sharma	Lithium Niobate Based Waveguide					
13.	Pal, A., Kumar, S., Sharma, S.	Design of Optical SR Latch and Flip Using Electro-Optic Effect Inside Lithium Niobate-Based Mach-Zehnder Interferometers	Journal of Optical Communications	40(2)/ 119134	2019	----	
14.	Ajaypreet Singh Amrindra Pal, Yadvendra Singh, Sandeep Sharma	Design of optimized all-optical NAND gate using multi-insulator metal waveguide	Optik, Elsevier GmbH	182	2019	1.191	
15.	Chowdhury, K., Chaudhuri, D., Pal, A.K.	A new image segmentation technique using bi-entropy function minimization	Multimedia Tools and Applications	77(16)/ 20889-20915	2018	----	
16.	Singh, A.K., Issac, J., Narayanan, K.G.S.	Measurement of environmental sustainability index and its association with socio-economic indicators in selected Asian economies: An empirical investigation	Int. J. Environment and Sustainable Development	18/57-100	2019	-	Humanities (02)
17.	Dr. Deepesh Kumar Thakur	Recent Trends & Perspectives in English Language Teaching	Heliyon (Elsevier)	5/558	2018	5.27	
18.	Rupak Chakraborty, Rama Sushil, M.L.Garg	An Improved PSO Based Multilevel Image Segmentation Technique Using Minimum Cross Entropy Threshold	Arabian Journal for Science and Engineering	-	2018	1.092	
19.	Rupak Chakraborty, Rama Sushil, M.L.Garg	ICQPSO based multilevel thresholding scheme applied on colour image segmentation	IET Signal Processing	-	2019	1.025	IT (03)
20.	Rupak Chakraborty, Rama Sushil, M.L.Garg	Mutual Inclusive Learning based Multi-swarm PSO Algorithm for Image Segmentation using an Innovative Objective Function	Int. J. of Computation Science and Engineering	-	2019	-	
21.	Gupta, A., Kumar, M. and Patil, A.K	Enhanced heat transfer in plate fin heat sink with dimples and protrusions	Heat & Mass Transfer	-	2019	1.551	
22.	Nitin Kumar Gupta Manoj Kumar G D Thakre	The mechanical and tribological characteristics of self-healing Al6061 alloy	Materials Research Express	6(8)	2019	1.449	Mechanical (25)
23.	Kumar, B., Patil A.K., Jain, S., Kumar, M.	Study of Entropy Generation in Heat Exchanger Tube with	Journal of Heat Transfer	141(8), 081801	2019	1.479	

		Multiple Cuts in Perforated Twisted Tape Insert				
24.	Choudhary, V., Kumar, M., Pat A.K.	Experimental investigation of enhanced performance of pin fin heat sink with wings	Applied Thermal Engineering	155/46 562	2019	4.026
25.	Kumar, B., Kumar, M., Pat A.K. and Jain, S	Effect of V cut in perforated twisted tape insert on heat transfer and fluid behavior of tube flow: An experimental study	Experimental Heat Transfer	----	2019	2
26.	R Datt, MS Bh A Darshan Kotiyal, R Maithani, A Kumar	Development of new correlations for heat transfer and friction loss of solid ring v combined square wing twisted tape inserts heat exchanger tube	Experimental Heat Transfer	32 (2), 179200	2019	2
27.	AK Bhardwaj, A Kumar, R Maithani, R Kumar, S Kumar R Chauhan	Experimental study on heat transfer & fluid flow enhancement of a spherical shape obstacle solar air passage.	Thermal Science	23 (2) 751-761	2019	1.541
28.	R Maithani, A Kumar	Correlations for development of Nusselt number and friction factor in a dimpled surface heat exchanger tube	Experimental Heat Transfer	----	2019	2
29.	R Maithani, S Chamoli, A Kumar, A Gupta	Solar air heater duct roughened with v delta winglets: correlations development and parametric optimization	Heat & Mass Transfer	----	2019	1.551
30.	Maithani, R., Kumar, A., Gholamali Zadeh, P., Safaei, M.R., Gholamalizadeh E.	Empirical correlation development for heat transfer and friction factor of a solar rectangular air passage with spherical shaped turbulence promoter	Journal of Thermal Analysis and Calorimetry	----	2019	2.471
31.	Singh, Y., Kumar, A., Maithani, R., Verma, N.	TiO ₂ /H ₂ O nanofluid flow and heat transfer analysis in V pattern with combined protrusion obstacle square channel: experimental analysis and CFD validation	International Journal of Ambient Energy	----	2019	----

32.	Nadda, R., Kumar, R., Kumar, A., Maithani, R.	Optimization of single arc protrusions parameters in solar air heater with impinging air jets based upon PSI approach	Thermal Science and Engineering Progress	7/146 154	2018	----
33.	R Nadda, A Kumar, R Maithani	Efficiency improvement of solar photovoltaic/solar collectors by using impingement jets: review	Renewable and Sustainable Energy Reviews	93/31 353	2018	10.556
34.	R Datt, MS Bh AD Kothiyal, R Maithani, A Kumar	Effect of square wave with combined solar ring twisted tape inserts on heat transfer and fluid of a circular tube heat exchanger	International journal of green energy	15 (12)/ 663-680	2018	1.302
35.	VS Bisht, AK Patil, A Gupta,	Review and performance evaluation of roughened solar heaters	Renewable and Sustainable Energy Reviews	81/ 954 977	2018	10.556
36.	Verma, A., Patil A.K. and Kumar M	Enhanced heat transfer and friction losses in heat exchanger tube with modified helical coiled inserts	Heat & Mass Transfer	54/ 3137 3150	2018	1.551
37.	Eiamsaard, S., Piriyaarungrod, N., Kumar, M., Thianpong, C Pimsarn, M. and Chuwattabakul V	Intensification of Thermohydraulic Performance in Heat Exchanger Tube Inserted with Multiple Twisted Tapes	Applied Thermal Engineering	136/ 516530	2018	4.026
38.	Kumar, A., Singh, S., Chamoli, S. and Kumar, M	Experimental Investigation on Thermohydraulic Performance of Heat Exchanger Tube with Solid and Perforated Circular Disk along with Twisted Tape Inserts	Heat Transfer Engineering	40/ 614 626	2018	1.703
39.	Aggarwal, P., Gautam, A., Kunwar, A., Kumar, M. and Chamoli, S.	Performance assessment of heat transfer and friction characteristics of packed bed heat storage system embedded with internal grooved cylinders	Solar Energy	161/ 148158	2018	4.674
40.	Bartwal, A., Gautam, A., Kumar, M., Mangrulkar, C. K. and Chamoli, S.	Thermal performance intensification of circular heat exchanger tube integrated with compound circular ring-metal wire net	Chemical Engineering and Processing: Process Intensification	124/ 50 70	2018	3.031

		inserts					
41.	Kumar, B., Srivastava, G., Patil, A.K. and Kumar, M	A review of heat transfer and fluid mechanism in heat exchanger tube w inserts	Chemical Engineering and Processing: Process Intensification	123/ 126137	2018	3.031	
42.	Singh, S.K., Kumar, M., Kumar, A. Gautam, A. and Chamoli, S	Thermal and friction characteristics of circular tube fitted with perforated hollow circular cylinder inserts	Applied Thermal Engineering	130/230 241	2018	4.026	
43.	Kanishk.Jha, Y.K.Tyagi and Aakeshwar Singl Yadav	Mechanical and Thermal Behaviour Biodegradable Composites based on Polycaprolactone with Pine Cone D U f h] W` Y ĩ	SADHANA	43	2018	0.769	
44.	Kanishk. Jha, Ravinder Kumar Kartikey Verma Babulal Chaudhary and Y.K. Tyagi	Application of Modified TOPSIS Technique in deciding Optimal Combination for- I Degradable Composite	VACCUM	157/ 259267	2018	2.515	
45.	Nalin Somani, Y.K. Tyagi, Parveen Kumar Vineet Srivastava, Hiralal Bhowmi	Enhanced Tribological Properties of SiC Reinforced Copper Metal Matrix	Materials Research Express	6	2018	1.449	
46.	Anuj Yadav, Ritika	The issues of Energy Efficiency cloud computing based data centers	Biosc.Biotech.Res. Comm (BBRC)	12(2)	2019	---	
47.	Farooqui, N.A., Ritika, Saini, A.	Sentiment analysis twitter accounts using natural language processing	International Journal Engineering and Advanced Technology	8(3)/ 473479	2019	---	MCA (03)
48.	Yadav, A.K., Garg, M.L., Ritika	Docker containers versus virtual machine based virtualization	Advances in Intelligent Systems and Computing	814/ 141150	2019	---	
49.	Dr. T. K. Dora	A robust optimization method for bidding strategy by considering the compressed air energy storage	Sustainable Cities and Society	48/ 101564	2019	3.166	
50.	Das, R.K., Sharma, S.K.	Blend of jatropha biodiesel and tyre pyrolysis oil mixed with cerium oxide alternative to diesel fuel	Biofuels	9(6) 739744	2018	1.130	Petroleum (02)
51.	Nalin Somani, Y.K. Tyagi, Parveen Kumar Vineet Srivastava, Hiralal Bhowmi	Enhanced Tribological Properties of SiC Reinforced Copper Metal Matrix	Materials Research Express	6	2018	1.15	Physics (05)

52.	Ajay Singh, Shivani Suri, Parveen Kumar, Balwinder Kaur, Vishal Singh	Effect of Temperature and Frequency on Electrical Properties of Composite Multiferroic of Lead Titanate and Strontium Hexafer (PbTiQ-SrFe ₂ O ₁₉)	Journal of Alloys and Compounds	764 59615	2018	3.77	
53.	Khushbu, Parveen Kumar	Temperature Dependent Ferroelectric Properties of and Fe Substituted BaTiQ	Integrated Ferroelectrics	193 3640	2018	0.36	
54.	Ravi K. Shukla, Pankaj Chamoli, K. K. Raina	Lyotropic liquid crystalline nano template for synthesis of ZnS cogwheels	Journal of Molecular Liquids	283, 667-73.	2019	4.5	
55.	Chamoli, P., Singh, S.K., Akhtar, M.J., Das, M.K., Kar, K.K.	Nitrogen doped graphene nanosheet epoxy nanocomposite for excellent microwave absorption	Physica E: Low Dimensional Systems and Nanostructures	103	2018	---	
56.	Li Ching Ng and Manish Gupta	Transdermal Drug Delivery Systems in Diabetes Management	Asian Journal of pharmaceutical science		2019	4.560	
57.	Abhijeet Ojha, Vishakha, NVS, Madhav	A smart approach delivery of Aripiprazole via oral soft palatal mucosal route for improved therapeutic efficacy	Brazilian Journal of pharmaceutical Sciences	54(19)	2018	0.36	
58.	Tyagi, Y., Madhav, N.V.S.	Design of selegiline loaded bio nanosuspension for the management of depression using novel biodegradable from Manilkara zapota	Drug Development & Industrial Pharmacy	45(8) 1351 1360	2019	2.367	
59.	Tyagi, Y., Madhav, N.V.S.	Smart innovative approach for designing fluvoxamine loaded bio-nanosuspension for the management of depression	International Journal of Applied Pharmaceut	11(1)/ 191197	2019	---	Pharmacy (06)
60.	Bhargava, S., Madhav, N.V.S.	Data on Spectroscopic, Rheological characterization of neem oil and its isolated fractions	Data in Brief	21(9) 1003	2018	---	
61.	Habban Akhter, M., Sateesh, Madhav, N., Ahmad, J.	Epidermal growth factor receptor based active targeting: a paradigm shift towards advanced	Artificial Cells, Nanomedicine and Biotechnology	46(2) 1188 1198	2018	---	

		tumor therapy					
62.	Singhal, S, Agarwal, S., Singh, M., Rana S., Arora, S., Singhal, N	Ionic liquids: Greer catalysts for alker isoalkane alkylatio	Journal of Molecula Liquids	288 29813	2019	4.561	Chemistry (04)
63.	Singhal, S., Agarwal, S., Singhal, N., Sharma, R., Sharma, R.	Designing and operation of pilot scale continuous stirred tank reactor for continuous production of bio methane from tox waste	Environmental progress and sustainable energy	38198 200	2018	1.60	
64.	Gharpure, S.J., Niranjana, P., Porwal, S.K.	Cascade Radical Cyclization to Vinylogous Carbonates/ Carbamates for Synthesis of Oxangular and Azangular Triquinanes: Diastereoselectivit Depends on the R Size of Radical Precursor	Synthesis	50 2954 2967	2018	2.72	
65.	Dr. Jabrinder Singh	Paddy and wheat stubble blazing in Haryana and Punjab states of India: A menacfor environmental hea	Environmental Quali Management	28 (2) 4753	2018	---	
66.	Om Prakash Keshri, A. KumarV.K. Gupta	Effect of internal Source on magnetostationar; convection of cou stress fluid under magnetic field modulation	Chinese Journal of Physics	57/105 115	2019	2.544	Mathematics (03)
67.	Om Prakash Keshri, A. KumarV.K. Gupta	Magnetosolutal convection in Newtonian fluid layer with solutal modulated boundaries	International Journal of Nonlinear Mechanics	10786 93	2018	2.225	
68.	Kumar, A., Vanita, Gupta, V.K.	Study of heat and mass transport in CoupleStress liquic under Gitter effec	Ain Shams Engineering Journal	9(4)/ 973984	2018	3.091	

Research papers presented at international conferences

S. No.	Name of Faculty	Title of the Paper	Name of the Confere	Place	Date	Department Program
1.	Ajay Kumar, Rama Sushil, Arvind Kumar Tiwari	Cancer Survival Analysis using Machine Learning	Intl. Conf. on Sustainable Computing in Science, Technology & Management (SUSCOM) 2019	Amity University Jaipur Rajasthan India	26 th - 28 th February 2019	CSE
2.	Ajay Kumar, Rama Sushil,	Machine Learning Based Approaches for Cancer	2 nd Intl. Conf. on Advanced Computing	KNITSultanpur, U.P. India	8 th - 9 th February	

	Arvind Kumar Tiwari	Prediction: A Survey	Software Engineering (ICACSE)		2019	
3.	S Maji, S Arora	Decision Tree Algorithm for prediction of Heart Diseases	Proceedings of Third International Conference on ICTCS	IE(India) Udaipur EACM Chapter	January 2019	
4.	Shukla Ajay Narayan, Garg M.L.	A List Based Approach Solve Graph Coloring Problem	7 th International Conference on System Modeling & Advancement in Research Trends	TMU, Moradabad, India,	23 rd - 24 th November 2018	
5.	Akash Shrivastava, M L Garg	A hybrid bio-inspired clustering algorithm to social media analysis	International Conference on Innovations in Computer Science & Engineering (ICICSE2018)	Springer Conference, Hyderabad	17 th - 18 th August 2018	
6.	Vivek Kumar Srivastava, Amrindra Pal, and Sandeep Sharma	Optimized Serial Linear Block Code Generator for High Speed Communication	International Conference on System Science and Engineering	National Taiwan University, Taipei City, Taiwan	5 th November 2018	EE / ECE
7.	Vivek Kumar Srivastava, Amrindra Pal, and Sandeep Sharma	Design of Optical Cyclic Redundancy Check Encoder using Lithium Niobate waveguide for Reliable Communication	International Conference on System Science and Engineering	National Taiwan University, Taipei City, Taiwan	5 th November 2018	
8.	Dr. Brajlata Chauhan	Performance Analysis of Eighteen Element Dipole Chebyshev Linear Array at different Side Lobe level	7 th International Conference on System Modeling & Advancement in Research Trends	TMU, Moradabad, India,	23 rd - 24 th November 2018	
9.	Dr. Vijay Negi	Rabindranath Tagore: A Universal Philosopher	International Conference on Poets of the Free Movement	Hindu Girls College, Jagadhri Haryana	14 th - 15 th December 2018	Humanities
10.	Dr. Sakshi Semwal	Partition Trauma: Dislocation and Immigrant experience in the Short Stories of Shauna Singh Baldwin	International Conference on Partition Revisited	St. Bedes College Shimla	19 th - 20 th Sept. 2018.	
11.	Dr. Shachi Negi	Modernity vsus Indigenous Perspective of Indian Himalayan Tribe: Jaunsar Bawar	WEI International Academic Conference on Humanities and Social Sciences	Harvard Faculty Club, Boston, USA	1 st - 3 rd August 2018	
12.	Dr. Deepesh Kumar Thakur	An Important Approach in Teaching Sanskrit and English languages as English	International Conference on, Actuating Indic Studies for a Better World	Amity School of Liberal Arts(AUH), Gurugram (HR)	2 nd - 3 rd July 2018	
13.	Garima Verma	Predicting Bollywood movies success using machine learning techn	International Conference on Artificial Intelligence	Amity University Dubai	4 th - 6 th February 2019	IT
14.	Garima Verma	Predicting Breast cancer using linear kernel support vector machine	International Conference on Advanced computing and Software Engineering	KNIT Sultanpur, India	8 th - 9 th February 2019	
15.	Moumita Ghos	Detecting and Reporting Forest Fire through Deployment of three Dimensional MMSiik Wireless Sensor Network	4 th IEEE International Conference On Intern Of Things	Krishna Engineering College, India	18 th - 19 th April 2019	
16.	Nafees Farooqui, Ritik	A Machine Learning Approach to Simulating : U f a Y f g D 7 f Drought Prone Areas	International Conference on Emerging Trends in Information Technology (ICETIT-2019)	Institute of Information Technology & Management, New Delhi	22 nd June 2019	MCA

17.	Priyanka Dahiy	An efficient anomaly detection technique based on opt deep learning in big data	International Conferer on Engineering, Technology and Management in the D Era (ICETMD2019)	Bangalore -560082, Karnataka, India	25 th –27 th February 2019	
18.	Priyanka Dahiy	Different Approaches o ANN for Detection of Cancer	International Conferer on Future Computing Communication Technology (ICFCCT2018)	MIET, Meerut, U	22 ^d December 2018	
19.	Nafees Farooqui, Ritik	Design of A Data Warehouse for Medical Information System Usi Data Mining Techniques	5 th International Conference on Parallel, Distributed and Grid Computing (PDGC) 2018	JaypedUniversity of Information Technology, Solan,India	20 th –22 ^d December 2018	
20.	Ankita Tyagi, Ritika	Interactive thyroid dise prediction system using machine learning techniques	5 th International Conference on Parallel, Distributed and Grid Computing (PDGC) 2018	JaypedUniversity of Information Technology, Solan,India	20 th –22 ^d December 2018	
21.	Mohit Iyer, Ritika	A Survey on Stock marl prediction	5 th International Conference on Parallel, Distributed and Grid Computing (PDGC) 2018	JaypedUniversity of Information Technology, Solan, India	20 th –22 ^d December 2018	
22.	SeemaYadav	Analytical Literature Su on Existing Task Allocat Techniques in Distributed System	2 nd International Conference on Advanc Computing & Softwar Engineering, ICACSE-2019	NIT Sultanpur	8 th –9 th February 2019	Mathematics
23.	ShilpSinghal	Anisotropic modified holographic Ricci Dark energy model in Brans Dicke Theory of Gravitic	International Conferer on Gravitation, Cosmology & Mathematical Physics	GLA Mathura	4 th -7 th April 2019	
24.	Gopal Kumar	Improvement of Anti and Rheological Proper of Water Based Muds i NanoBarite	ICAMEES	UPES, Dehradun	14 th -15 th December 2018	Petroleum
25.	Dr.Rajeev Kumar Sharma	Recent advances in Car Chemotherapy	International Conferer ENTSED 2019	DITU Dehradun	28 th Sept 2018	
26.	Dr. Bhavna, Deepika Sharma	NonInvasive NanoDrug Delivery systems For Targeting Neurodegenerative Disorders	International Conferer ENTSED 2019	DITU, Dehradun	28 th -29 th Sept 2018	
27.	Bhavna V S Madhav	A novel bio film former euryale ferox and its pharmaceutical applicat	International Conferer ENTSED 2019	DITU, Dehradun	28 th -29 th Sept 2018	Pharmacy
28.	Sugandha Varshney N.V.Satheesh Madhav	Developmental Evaluation Of Nanosizer Topiramate Loaded Bio Flexy Films Using Cocos Nucifera Biopolymer Fo Oral Trans Soft Palatal Delivery	70 th Indian Pharmaceutical Congr	AmityUniversity Delhi	27 th -23 ^d December 2018	

Research papers presented at National Conferences

S. No.	Name of Faculty	Title of the Paper	Name of the Conference	Place	Date	Department/Program	
1.	Meet Fateev	Development Against Environment and Resource Management.	7 th National Seminar on Architecture for Mass	Faculty of Architecture & Ekistics Jamia Millia Islamia, New Delhi	21 st -22 nd February 2019	Architecture	
2.	Prof. Kartik Vora	IoT based Smart Helmet System with Data Log System	SmartHome 2019	Nehru Center, Mumbai	28 th -29 th May 2019	Architecture	
3.	Vivek Kumar Srivastava	IOT based Smart Helmet System with Data Log System	IEEE International Conference on Advanced Computing, Communication and Networking	Galgotia University	October 2018	EE / CE	
4.	Dr. Vijay Negi	Analyzing the concept of life and death character in Mahabharata	Interdisciplinary National Conference	Gurukul Kangri University Haridwar	27 th -28 th March 2019	Humanities	
5.	Dr. Sakshi Semwal	Retelling Myths: A Fiction	Interdisciplinary National Conference	Gurukul Kangri University Haridwar	27 th -28 th March 2019	Humanities	
6.	Dr. Deepesh Kumar Thakur	A Narrative style in Language & Literature	Teaching English, Maithili and Hindi	Interdisciplinary National Seminar	Gurukul Kangri University Haridwar	27 th -28 th March 2019	Humanities
7.	Dr. Rakesh Saini	A Review of multimedia Big Data Computing in Social media Challenges and Opportunities	National conference on Recent Trends in Computational Intelligence and Communication Technology	DBIT, Deharadun	25 th -26 th February 2019	MCA	
8.	Dr. Manmohan Singhal	Prevalence risk factors and medications of complications in pregnancy	National Seminar on Future Prospects of Science Research in India	IFTM University Moradabad	15 th -16 th March 2019	Pharmacy	
9.	Dr. Jogendra Kumar	Nonlinear Stability analysis in a non-Newtonian fluid saturated porous medium with thermal nonequilibrium model	Emerging Trends and Future Challenges in Science (ETFCS2019)	Dehradun	27 th -28 th February 2019	Mathematics	

Seminars/Workshops attended by faculty members

S. No.	Name of the Faculty	Title of Training Seminar/ Workshop attended	Place	Date	Department/Program
--------	---------------------	--	-------	------	--------------------

1.	Chhabi Mishra, Kartik Vora, Jitendra Kur Sarohi, Kapil Kumar, Sandeep Saxena, Vartica Saxena, Purnima Verma, Manish Sharma, Sayali Khokale, Idha Sharma, R.Jarabo	Faculty Development Progr Design Thinking and Process eminent architect SK Das.	DITUniversity	16 th July 2018	Architecture
2.	Purnima Verma	Stakeholder Workshop for MaSSHIP Project	IHC New Delhi	10 th October 2018	
3.	Mauli Mishra	Launch Seminar NTNU Alumr India	Taj Mahal Hotel New Delhi	11 th October 2018	
4.	Purnima Verma	Winter School on Building E Performance	Jaipur	12 th -14 th October 2018	
5.	Sandeep Saxena	National Seminar on Marchi Towards Green Future Challenges Innovations and Solutions	Himgiri Zee University Dehradun	22 nd November 2018	
6.	Chhabi Mishra, Kartik Vora, Jitendra Sar Kapil Kumar, Sandeep Saxena/Vartica Saxena, Purnima Verma, Idha SharmaRick De	FDP on Integration of Best International Pedagogical Practices to Indian Higher Education System used by Department of Pharmacy	DITUniversity Dehradun	2 nd January 2019	
7.	Meet Fatewar	National Seminar on Archite for Masses	Jamia Millia Islami New Delhi	22 nd February 2019	
8.	Meet Fatewar	Urban Governance and Development Management	NPTEL,IIT Roorkee	January to April 2019	
9.	All Faculty Members of C	Workshop on Machine learn Using Python, Cloud Compu IoT	DITUniversity Dehradun	July 2018	
10.	Anuj Kumar Yadav Kushal Gupta Chirag Joshi Ajay Narayan Shukla Ajay Kumar	Next Generation Wireless Networks	DITUniversity Dehradun	July 2018	
11.	Madhu Sharma	International Symposium	DITUniversity Dehradun	1 st August 2018	
12.	Dr. Hemraj Verma	Business Analytics using Ma Learning	IIM Bengaluru	8 th E 13 th October 2018	MBA
13.	Dr. Prakash Tiwari	Business Analytics using Ma Learning	IIM Bengaluru	27 th E 31 st May 2019	
14.	Dr. Vijay Jain	Workshop on Qualitative Da Analysis	LPU	29 th & 30 th Sept2018	
15.	Dr. Vijay Jain	Faculty Development Progr IIM Ahmedabad	IIM Ahmedabad	15 th MayE 31 st Aug. 2019	
16.	All Faculty Members of DIT	NPTEL Awareness workshc	DITUniversity Dehradun	13 th July 2018	MCA
17.	Dr. Aditya K Saxena Ajay Kumar	Machine Learning & Its Application	IIT Roorkee GNEC Center, Greater Noida	October 2018	CSE
18.	Ajay Narayan Shukla	Workshop on IOT	DITUniversity Dehradun	July 2018	

19.	Ms. Dipika Keshri	Remote sensing and application in Geosciences	IIRS Dehradun	13 th May – 5 th July 2019	Civil
20.	Nafees Ahamad	Optimization Techniques with Engineering Applications	NITTTR Chandigarh	10 th - 14 th December 2018	EE / ECE
21.	Nafees Ahamad	A Course on Control and interesting with a Fly in Machine	SSN College of Engineering, Kalavakham	20 th - 21 st June 2019	
22.	Dhruva Chaudhary	FDP on Advancements in Signal Processing and Optimization Techniques	IIT Roorkee	3 rd – 7 th June 2019	
23.	Dr. Brajlata Chauhan	Next generation wireless networks through ICT	NITTTR Chandigarh	16 th – 20 th July 2018	
24.	Dr. Sandeep Sharma	Artificial Intelligence and Mechatronics using MATLAB Simulink	The Park, New Delhi, India	27 th February 2019	
25.	All Faculty Members of IT	FDP on DEEP learning	DITU	27 th -31 st May 2019	IT
26.	Dr. Ritika Mr. Deepak Sharma Dr. Rakesh Saini Mr. Amit	Next Generation Wireless Networks through ICT	DIT University	16 th – 20 th July 2018	MCA
27.	Dr. Ritika Dr. Rakesh Saini Mrs. Priyanka Dahiya	Integration of best International Pedagogical Practice to Indian Higher Education System	DIT University	2 nd January 2019	
28.	All Faculty Members of IT	Python Hands on	DIT University	4 th February 2019	
29.	All Faculty Members of IT	FDP on machine learning with python	DIT University	25 th – 31 st December 2018	
30.	Dr. Y K Tyagi	Design Innovation Challenge the Himalayan Region	IIT Roorkee	2 nd – 5 th May 2019	
31.	Jai Prakash Agrawal	HIMALAYAN SUMMIT on "Design Innovation Challenge the Himalayan Region"	IIT Roorkee	2 nd – 5 th May 2019	Mechanical
32.	Bipin Kumar	ICAMEES 2018	UPES, Dehradun	14 th – 15 th December 2018	
33.	Bipin Kumar	12 th International Conference Thermal Engineering, Theory Application, Rysers University	PDP, Gandhinagar Gujrat	23 rd – 26 th February 2019	
34.	Mr. Gopal Kumar Mr. Deepak S Vanjari	International Symposium on failure, Reliability & Integrity Engineering System	DITU Dehradun	8 th September 2018	
35.	Mr. Deepak S Vanjari Mr. Gaurav Richhariya	Modern Practices in Petroleum Exploration	KDMIPE, ONGC, Dehradun	8 th - 10 th October 2018	Petroleum
36.	Dr. Pankaj Chamoli	QIP course of Technological Advancement of Polymer Nanocomposite	IIT Kanpur, India	4 th – 8 th April 2019	Physics
37.	Dr. Bhavna Dr. Habban Akhtar	Continuing education programme (CEP) & perspectives of Pharmaceutical education, teaching, and research	Jamia Hamdard, New Delhi	14 th – 16 th March 2019	Pharmacy
38.	All faculty members of DITU	International Pedagogical Practice to Indian Higher Education System	DIT University	2 nd January 2019	
39.	Dr. Manmohan Singhal, Dr. Abhijeet Ojha	THE-BIRAC Entrepreneurship Conclave	UPES, Dehradun	13 th February 2019	
40.	Dr. Havagiray R. Chitme	NAAC Assessor Orientation	IIIT, Prayagraj	1 st May 2019	

		Program			
41.	Dr. Suheel K. Porwal	Future India: Science & Technology	Allahabad	22 nd -24 th February 2019	Chemistry
42.	Dr. Manisha Duseja Dr. D.N. Tripathi	10 th Indian Science Congress	LPU, Jalandhar	3 rd -7 th January 2019	
43.	Dr. Jabrinder Singh	10 th Annual Environmental Summit @UCOST.	Hotel Madhuban, Dehradun	3 rd -4 th June 2019	
44.	Dr. Pooja Swaroop Saxena	Integration of Best International Pedagogical Practice to Indian Higher Education System	DITU	2 nd January, 2019	Mathematics
45.	Dr. Nitin Kumar Kamboj	Workshop	Uttarakhand Subordinate Services Selection Commission, Dehradun	12 th -13 th September 2018	

Details of Doctoral Research

S. No.	Name of Scholar	Name of Supervisor(s)	Year of registration	Full time/ Part time	Status	Registered Research topic	Department /Program
1.	Shakti Kundu	Dr. M.L. Garg	2014	Full Time	Degree awarded	Software Agents based web data mining: An Intelligent Approach	CSE
2.	Garima Rastogi	Dr. Rama Sush	2014	Part Time	Degree awarded	Identity management in cloud computing	
3.	Kuldeep Chaudhary	Dr. Santosh Kumar	2014	Part Time	Degree awarded	Design and modelling of photonic devices using electrooptic effect of machzehnder interferometers	EE / EEE
4.	Amrindra Patel	Dr. Sandeep Sharma, Dr. Santosh Kumar	2014	Part Time	Degree awarded	Design & Modelling of Electronic Devices for WDM Applications	
5.	Sandip Swarnakar	Dr. Sandeep Sharma, Dr. Santosh Kumar	2014	Part Time	Degree awarded	Design and Modelling of Integrated Photonic Devices using Photonic Crystals	
6.	Neha Agarwal	Dr. Vijay Negi	2013	Full Time	Degree awarded	Social Constraints & Beyond: As for Self in the Short Stories of Munro	Humanities
7.	Kanishka Jha	Dr. Y.K. Tyagi	2013	Full Time	Degree awarded	Enhancement of Mechanical, Thermal & Morphological Properties of G Composites by Matrix Modification	Mechanical
8.	Deepak Bangwal	Dr. Prakash Tiwari	2014	Full Time	Degree awarded	Green HRM & WorkLife Innovative Approach to Sustainable Business Environment	MBA
9.	Shalini Singh	Dr. Hemraj Verma	2014	Full Time	Degree awarded	E-Impulse Buying: An Indian Perspective	
10.	Deepika Raina	Prof. N.V. Satheesh Madhav	2013	Full Time	Degree awarded	Design and Evaluation of Bio-nanogel loaded with Duloxetine and Escitalopram for Brain Targeting via External Acoustic Meatus	Pharmacy
11.	Sugandha Varshney	Prof. N.V. Satheesh Madhav	2013	Full Time	Degree awarded	Development and Evaluation of Bio-Flexy Films Loaded with Nanosized Topiramate and Gabapentine For Brain Specificity Via Trans Soft Palatal Route	

12.	Vaibhav Kumar	Dr. M.L. Garg	2014	Part Time	Thesis Submitter	Fuzzy logic based noise reduction technique in low illumination image scene text detection and recognition	CSE
13.	Akash Shrivastava	Dr. M.L.Garg	2014	Part Time	Thesis Submitter	Bioinspired dynamic data clustering big data	
14.	Rupak Chakraborty	Dr. Rama Sush Dr. M.L. Garg	2015	Part Time	Thesis Submitter	Design of Objective Function based Segmentation Technique and Supervised Classification Scheme for Remote Sensing Images	
15.	Sandip Mondal	Dr. Rama Sush	2015	Part Time	Thesis Submitter	Secure energy saving clustering in wireless sensor network	Physics
16.	Amit Badola	Dr. Manoj Bhatnagar	2013	Full time	Thesis submitter	Study, analysis and formulation of systematic low energy neutron resonance parameters.	
17.	Khusbu	Dr. Praveen Kumar	2015	Full time	Thesis submitter	Synthesis and characterization of binary/ternary systems of BaTiO ₃ /PbZrO ₃ /RFeO ₃ (R=Bi, Sr etc.)	

Awards/ Honors conferred

S. No.	Name of Faculty	Name of Award	Awarding agency/Societies		Department/Program
1.	Ar. Maulishree Mishra	INTACH Research Scholars 2019-2020	INTACH Heritage Academy		Architecture
2.	Dr. Vishal Bharti	Guest of Honor	IE(India)		CSE
3.	Dr. Tarumay Ghosh	Research Excellence Award	DIT University		Civil
4.	Dr. Brajlata Chauhan	Commissioned officer of rank	NCC Directorate General Delhi		EE / ECE
5.	Dr. Brajlata Chauhan	Elected as Executive Member	IETE Uttarakhand council-Dehradun 2018-19		
6.	Prof. Anil Kumar	Best HOD Award (Dec 2018)	GECL		IT
7.	Prof. Anil Kumar	Appreciation	DIT University		
8.	Prof. Anil Kumar	Appreciation	DUCAT		
9.	Dr. Ritika	Instrumental Role as SPO	NPTEL		MCA
10.	Dr. Rakesh Saini	Long service award	DIT University		Mechanical
11.	Dr. Anil Kumar Patil	Long service award	DIT University		
12.	Dr. Anil Kumar Patil	Outstanding reviewer	Elsevier		
13.	Dr. Manoj Kumar	Outstanding reviewer	Elsevier		
14.	Prof.(Dr.) N.V. Sathees Madhav	Guest of honour	Rotary club		Pharmacy
15.	Dr.Havagiray Chitambar	Subject expert member	Board of Studies of Bundelkhand University Jhansi		
16.	Dr.Havagiray Chitambar	Adjudicator	Association of Pharmaceutical Teachers India Convention 2018		
17.	Dr.Manish Gupta	International Education Icon of the year 2018	Oriental University, Indore		
18.	Dr. Rajeev kr. Sharran	Evaluator for poster presentation	APTICON 2018		

Conference session(s) chaired by faculty members

S. No.	Name of Faculty	Name of Conference session chaired	Place	Date	Department
1.	Dr. Vishal Bharti	ICAESMT 2019	UU, Dehradun	15 th March 2019	CSE

2.	Mr. Amit Kumar	ICAESMT2019	UU, Dehradun	15 th March 2019	
3.	Prof. H C Mehndiratta	ENTSED 2018	DITU	28 th September 2018	Civil
4.	Vivek Kumar Srivastava	IEEE International Conference on System Science and Engineering (ICSSE 2018)	National Taiwan University, Taipei City, Taiwan	26 th June – 1 st July 2018	EECE
5.	Prof. Anil Kumar	3 rd IEEE Conference ICRAC 2018	MNIT Jaipur	22 nd - 25 th November 2018	IT
6.	Prof. Anil Kumar	International Conference on future Computing & Communication Technology	MIET, Meerut	22 nd December 2018	
7.	Prof. Anil Kumar	ICETMS2018	DBIT, Dehradun	26 th – 27 th October 2018	
8.	Dr. Hemraj Verma	International Conference on Sustainable Development & Social Innovation in Business	Chandigarh University	25 th - 26 th Feb 2019	MBA
9.	Dr. Hemraj Verma	Rural Economic Challenges of Union Budget	IMS Unisod University	19 th - 20 th April 2019	
10.	Dr. Rakesh Saini	3 rd International Conference on Advances in Computing Sciences (ICACDS2019)	Inderprastha Engineering College, Ghaziabad, Uttar Pradesh, India	12 th – 13 th April 2019	MCA
11.	Dr. Ritika Dr. Rakesh Saini	5 th International Conference on Parallel, Distributed and Grid Computing (PDGC), 2018	Jaypee University of Information Technology, Waknaghat, Sol Himachal Pradesh, India	20 th – 22 nd December 2018	
12.	Prof.(Dr.) N.V. Satheesh Madhukar	Transfac Fronto Dermal Route: A smart Approach of Drug delivery	SBS, Balawala Dehradun	2 nd – 1 st September 2018	Pharmacy
13.	Dr. Vinod Gupta	National Conference on Recent Trends in Mathematics with Applications, 3 rd Session	Shri Ramswarup University Lucknow	21 st - 22 nd February 2019	Mathematics
14.	Dr. Naveen Singhal	International conf. on advanced materials	UPES, Dehradun	14 th - 15 th December 2018	Chemistry

Guest lectures delivered

S. No.	Name of Faculty	Title of the Lecture	Place	Date	Department/Program
1.	Abhilasha Pathak Vaidya	Comparative study of architectural history of India and Africa, Theory of Architecture	Addis University	5 th November 2018	Architecture
2.	Dr. Aanchal Sharma	-Energy efficient design through simulations -Retrofitting of Existing Buildings -Design Building Simulation Tool and Hands on Exercise	Department of Architecture Planning, MNIT Jaipur	25 th – 26 th February 2019	
3.	Ar. Maulishree Mishra	Learning from the sustainable Approaches in higher Himalaya	UPES Dehradun	16 th April 2019	
4.	Dr. Vikas Kumar Sharma	Concept of Mental Health & Illness: Neurosis & Psychosis	Dr. Harisingh Gour Central University Sagar, MP	13 th July 2019	Humanities
5.	Dr. Vikas Kumar Sharma	Stress, Anxiety & Depression	Dr. Harisingh Gour Central University	14 th July 2019	

6.	Dr. Vikas Kumar Sharma	Psychosomatic Disease	Dr. Harisingh Gour Central University	15 th July 2019	
7.	Dr. Vikas Kumar Sharma	Fundamental of Hypnosis	Dev Sanskrit University Haridwar	28 th April 2019	
8.	Dr. Vikas Kumar Sharma	Psychotherapy: Concept, Principle & Historical Developmental	Dr. Harisingh Gour Central University	11 th June 2019	
9.	Dr. Vikas Kumar Sharma	Diagnostic Methods & Intervention in Psychotherapy	Dr. Harisingh Gour Central University	12 th June 2019	
10.	Dr. Vikas Kumar Sharma	Psychoanalysis & Behaviour Therapy	Dr. Harisingh Gour Central University	13 th June 2019	
11.	Dr. Vikas Kumar Sharma	Gestalt & Family Therapy	Dr. Harisingh Gour Central University	14 th June 2019	
12.	Prof. Anil Kumar	Accreditation Process	DITU	2 nd January 2019	IT
13.	Dr. Hemraj Verma	Exploratory Factor Analysis	IMS University Dehradun	13 th June 2019	MBA
14.	Dr. Pankaj Chamoli	Carbon Nanomaterials Graphene and Doped Graphene	IIT Kanpur, India	7 th April 2019	Physics
15.	Prof. (Dr.) N. Satheesh Madhav	Transfaciloro Dermal Route A smart Approach of Drug delivery	SBS University Balawala, Dehradun.	21 st September 2018	
16.	Prof. (Dr.) N. Satheesh Madhav	Awareness on Polio	Rotary Club, Dehradun	24 th October 2018	
17.	Dr. Havagiray R. Chitme	Phytoremediation Strategies: New Drug Discovery,	National Conference Frontiers Environment, Health and Bioscience, Kanpur University	16 th -17 th February 2019	Pharmacy
18.	Dr. Havagiray R. Chitme	Integration of Best International Pedagogical Practices to a Higher Education System.	Faculty Development Program DIT University Dehradun,	2 nd January 2019	
19.	Dr. Havagiray R. Chitme	Guest of Honor on World Day Remembrance for Road Traffic Victims	Program was organized by Sanjay Orthopedic, Spine & Maternity Centre and Sheela Society, Dehradun	18 th November 2018	

Industrial tours/visits

S. No.	Department	Place	Date
1.	Architecture	Kolkata	10 th -15 th January 2019
2.	Civil	STP Dehradun	23 rd April 2019
3.	EECE	Sugar Mill Doiwala	12 th March 2019
4.	EECE	Industrial visit to RSC Dehradun	25 th August 2018
5.	Humanities	WIC Dehradun	10 th October 2018
6.	Humanities	Dev Sanskrit University Haridwar	28 th March 2019
7.	IT	Delhi/Gurgaon	April 2019
8.	MBA	Haridwar	---
9.	MBA	SEBI, Dehradun	---
10.	MCA	Chandigarh/Manali	7 th & 11 th January 2019
11.	MCA	Chandigarh/Shimla	7 th & 11 th January 2019
12.	Mechanical	Energy Park, UREDA (Uttarakhand Renewable Energy Development Agency) Nagar Dehradun	28 th July 2018
13.	Mechanical	Energy Park, UREDA (Uttarakhand Renewable Energy Development Agency)	18 th August 2018

Nagar Dehradun

14.	Mechanical	SKF India Ltd. Haridwar	16 th April 2019
15.	Petroleum	CSIR-IIP, Dehradun	26 th October 2018
16.	Petroleum	IDT, ONGC, Dehradun	15 th October 2018
17.	Petroleum	ONGC Museum	16 th October 2019
18.	Pharmacy	WONDER GROUP (Pritam International Pvt. Ltd.), Ro	31 st October 2018

U G Projects

S. No.	Name of Students	Program & Guide branch	Title of Project	Department
1.	Bhanuja Dora	B.Arch Ar. Chhabi Mishra	Airport Terminal	Architectur
2.	Baneen Zehra Rizvi	B. Arch Ar. Chhabi Mishra	Living Museum	
3.	Swapnil Gupta	B. Arch Ar. Maulishree Mishra	Low Cost Housing, Dehradun	
4.	Rohan Rathore	B. Arch Dr. Aanchal Sharma	Institute for Visually Handicapped, Bareilly	
5.	Urvashi Singh	B. Arch Prof. Kartik Vo	Institute for Visually Handicapped	
6.	Rijul Goel	B.Tech (CSE) MrAjay Kumar	Smart Dustbin	CSE
7.	Vikram Singh Shayan Khan	B.Tech (CSE) MrAnuj Yadav	Interactive Learning with Personal Trainer	
8.	Prabhjeet Singh Arora	B.Tech (CSE) MrT Santosh	Smart Tagging	
9.	Vyamesh K Mishra Ashutosh Sharma	B.Tech (CSE) MrChirag Josh	Lawn Sprinkler Automation	Civil
10.	Nikhil Singh Tarun Bhardwaj Lakshya Kumar	BTCE Mr. Mohit Sing	Seismic analysis and design of building	
11.	Sarthak Saxena Reena chauhan Akash Bhatia Swapnil Mahendru	BTCE Mr. Harsh Goy	Effect of anthropological activities morphology using GIS	
12.	Puklit Agarwal Tanishka tanya Nikhil Bhalla Md. Omayyad	BTCE Mr. Ashish Bha	Soil Reinforcement	
13.	Shivangi Lakhera Saurabh Dimri Piyush Datta Yogesh Kapri Prakhar Tomar	BTCE Prof. H C Mehndiratta	Characteristics of bituminous mix waste plastic	
14.	Sagar Joshi Sagar Goel Shivam raturi Wasif khan Nishant Pandit	BTCE Mr.T. Sandeep	Design and analysis of (G+4) build using STAAD PRO	
15.	Gaurav Kumar Anurag Kumar	B.Tech EE Mr. Nafees Ahmad	Sensor Less Running of BLDC Mo	EECE
16.	Kavita	B.Tech EE Mr. Digambar Singh	Solar Power Auto Irrigation Syste	
17.	Adarsh Makholia Kiran Negi	B.Tech EE Mr. Mohamed Samir	Comparative Analysis of Power Qu Improvement Techniques for non	

	Shivani Bakheta			Circuit	
18.	Shobhit Dubey Anshuman Anup Kumar Singh Aniket Kumar	B.Tech EE	Mr. Saurabh Awasthi	Improving the efficiency of Photovoltaic Power System	IT
19.	Md Zafar Ali Amit Chandra Sharma Bhupesh Bisht Anamika Bahuguna Jitendra Mahto	B.Tech EE	Mr.S. Bhanuprakash	Vehicle Detector Street Light with speed Detector	
20.	Tanmay srivastava	B.Tech (IT)	Mr. B K gupta	Notiler	
21.	Priyam	B.Tech (IT)	Mr. T.Santosh	Smart car parking system	
22.	Lipika Naman Anuvrath	B.Tech (IT)	Mr. Nishant	Ride doctor	
23.	Puneet Naved Nitish	B.Tech (IT)	Dr. Mainek	Emotion Recognition system	
24.	Nitisha Vidushi Neeraj	B.Tech (IT)	Mr. Nitin Thapliyal	Object detection using color separation	
25.	Nihal Tripathi, Siddith Bhalla	BCA	Dr. Rakesh Sair	SPEECH RECOGNITION	BCA
26.	Abhishek Jeena Sarathak Sharma	BCA	Ms. Kishwar Khan	ROBO EYE	
27.	Ankit Ketwal	BCA	Mrs. Priyanka Dahiya	Techlive Club	
28.	Utkarsh Agarwal Sarvam Fonia	BCA	Mr. Amit Dua	Easy for you	
29.	Ashutosh Gusain Medhavi Rawat	BCA	Ms. Ruchi Sharma	Block chain as a decentralized data and a cross verification system	
30.	GAURAV GOYAL MANJEET RAWAT KUNAL MEHRA ASHISH GAIROLA PRAKHAR TRIVEDI	B.Tech. (ME)	Mr. Ravi Kumar	Design and fabrication of self brake mechanism	Mechanical
31.	MAYANK MEHROTRA LUV BANSAL KESHAVA NAARAYANA MANAS KASHYAP SAUMITRA TRIPATHI	B.Tech. (ME)	Mr. Nitin K. Gupta	Design and demonstration of energy efficient smart city	
32.	RAVI SHANKAR PANDEY ABHISHEK SHARMA SHASHANK PUNDIR MANISH GUPTA SUBHAM CHETRI	B.Tech. (ME)	Mr. Ashish Kumar	Design and development of Chair chair	
33.	SHAWANT GUPTA VIKAS CHOUDHARY ALANKRIT SINHA	B.Tech. (ME)	Mr. Rajeev Pandey	Recycling of energy from air cond exhaust	
34.	SUBHOJEET SANTRA ARUN SINGH VAIBHAV SAINI PRAKSHAL JAIN	B.Tech. (ME)	Mr. Yogesh Dhanik	Design and fabrication of Tread m tricycle	
35.	Amritha Nair, Anurag Sharma, Abhishek Gupta	B.Tech (PE)	Mr. Gopal Kumar	Viscoelastic Surfactant as a Fract Fluid	Petroleum
36.	Saurabh Juyal, Vishnu Roy	B.Tech (PE)	Dr. Sunil Kumar Sharma	Effect of silica Nanoposition on the rheological properties of polymer for EOR	
37.	Kartik Kulshrestha, Pushpendr Pathak, Abhinav Sharma, Harsh	B.Tech (PE)	Mr. Gopal Kumar	Exploration and Production of Coal Methane	

	Upadhyay				
38.	Prakhar Bhan, Somya Singh, Moditesh Aditya Prasad, Faisal Mohammed Shaikh, Mobassir Hassan	B.Tech (PE)	Mr Rakesh Pandey	Designing of Completion Fluid for Wells	
39.	Yogesh Guniyal, Sangram Singh Shirin Kaur	B.Tech (PE)	Mr. Gopal Kumar	Produced Water Treatment by Shave	
40.	Ms. Tina Das	B. Pharm	Dr. Havagiray F Chitme	Cross Sectional Study on types Severity of Pregnancy Complications	Pharmacy
41.	Ms. Geetika Pandey	B. Pharm	Dr. Abhijeet Ojha	A Survey on Drug Utilization and Prescription Pattern for the Management of Glaucoma Disease in Dehradun	
42.	Mr. Aditya Pundeer	B. Pharm	Dr. Satheesh Madhav	A Survey on Sale and Prescription of Steroidal Drugs in Dehradun Region	
43.	Ms. Divya Raturi	B. Pharm	Dr. Manomohar Singhal	Pregnancy Induced Hypertension in Uttarakhand	
44.	Mr. Nihar Kathpalia	B. Pharm	Dr. Abhijeet Ojha	Survey on Commonly Used Antibiotics and Prescribing Pattern of Doctors Delhi NCR & Dehradun Region	

M.Tech/M.Pharm Dissertation

S. No.	Name of Student	Program & branch	Supervisor(s)	Title of Thesis	Department/Program
1.	Loveshek Sharma	M.Tech (CEM)	Mr Paras Malik	Improvements in Risk Management Processes to Control Risk more effectively in large infrastructure projects	Architecture
2.	Pushpendra Singh	M.Tech (CEM)	Mr Paras Malik	Project Management for Construction	
3.	Abhigya Kumar Chaubey	M.Tech (CEM)	Mr Paras Malik	Project Management and its impact on Quality Control in Construction	
4.	Prashant Kum.	M.Tech (CEM)	Mr Paras Malik	Improving Quality Management System Implementation in Construction Companies	
5.	SHUBHAM GUPTA	M.Tech	Dr.A. K.Dahiya Dr.Vishal Bharti	Performance based evaluation of machine learning for chronic kidney disease	CSE
6.	HARSHITA PANDEY	M.Tech	Dr. Amit Kumar Mishra Dr. Narendra Kumar	Deep Sentiment Analysis using machine learning	
7.	SHABNAM SAJWAN	M.Tech	Dr.Aditya Kishor Saxena MrChirag Joshi	Comparison of peer Botnet using machine learning	
8.	EKTA ROKA THAPA	M.Tech	Dr.Mainak Bandopadhyay MrSoumen Kanrar	early detection and prevention of attacks(security)	
9.	GARIMA PATEL	M.Tech	Dr.Vishal Bharti Dr. R.K.Saini	Cloud computing security channel attacks	
10.	MOHIT IYER	M.Tech	Dr.Ritika MrChirag Joshi	Prediction of stock market	
11.	RASHMI DHAUNDIYAL	M.Tech	Dr. Manoj Diwakar MrKuntal Chowdhury	Multimodality Fusion based medical image quality enhancement	
12.	ANUSHREE NEGI	M.Tech	Dr.Rama Sushil Mr.Ajay Kumar	Detection and prevention of Distributed Denial of Service attacks in cloud	
13.	AKSHITA TIWARI	M.Tech	Dr. Srabanti Ma Dr.Mainak Bandopadhyay	Tuberculosis prediction using machine learning techniques	

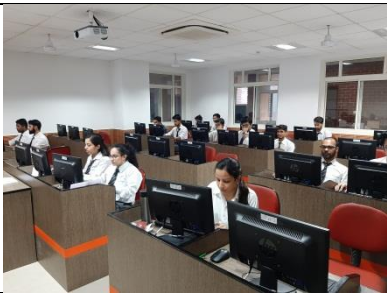
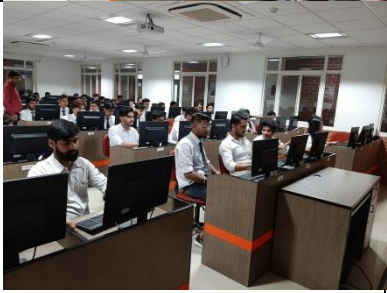
14.	SUMAN	M.Tech	MrKushal Gupta Dr. Vishal Bhatti	Primary preserving data aggregation (addition)in wireless sensor network	
15.	PRANITA NEGI	M.Tech (SE)	M. T SANDEEP	ANALYSIS AND DESIGN OF BLAST RESISTANT BUILDING	Civil
16.	JAYANT SHARMA	M.Tech (SE)	Mr. MOHIT KUMAR SINGH	SEISMIC RESISTANT DESIGN OF STRUCTURES BY BASE ISOLATION TECHNIQUE	
17.	ESHA SINGH	M.Tech (SE)	Mr. AMAN SAINI	COMPARATIVE SEISMIC ANALYSIS OF MULTISTORIED BUILDING WITH AND WITHOUT FLOATING COLUMN	
18.	DESH DEEPAK	M.Tech (SE)	Mr. T. SANDEEP	EXPERIMENT STUDY ON MECHANICAL PROPERTIES OF CONCRETE WITH PARTIAL REPLACEMENT OF CEMENT WITH LIME SLUDGE AND HYPO SLUDGE	
19.	ANKIT SINGH	M.Tech (SE)	Mr. AMAN SAINI	RETROFITTING OF BEAM AND COULM OF EXISTING RC STRUCTURE	
20.	TABASSUM FARUKI	M.Tech (SE)	Mr. MUKESH PETSHALI	EXPERIMENTAL STUDY ON BAGASSE ASH AND RECYCLE AGGREGATE IN CONCRETE	
21.	Nupur	M.TechEE	Mr.S. Bhanu Prakash	Control of Power Electronic Interface Power System	EE / EEE
22.	Surabhi Dhyani	M.TechEE	Mr.S. Bhanu Prakash	Secured Communication Infrastructure Smart Grid	
23.	Amit Uniyal	M.TechEE	Mr. Digambar Singh	Mitigation of Harmonics in a Solar PV Standalone System	
24.	Amit Kumar	M.TechEE	Mr. Saurabh Awasthi	Modelling and Simulation of SVC and STATCOM for Enhancing of Power System Transient Stability using MATLAB	
25.	Shreya	M.TechECE	Mr. Vivek Kumar Srivastava	Design and Modelling of Convolutional Generator	
26.	Shrishtee	M.TechECE	Mr. Amrindra Patel	A comprehensive review on optical Biosensors and techniques	
27.	Abhishek Giri	MCA	Dr. Rakesh Saini	Leave Management System	MCA
28.	Pratiksha Naithani	MCA	Dr. Rakesh Saini	Me Mail with Personality	
29.	Arpit Gupta	MCA	Ms. Kishwar Kh.	Research And Evaluation For Load Balancing Projects in Cloud	
30.	Sanya Aru	MCA	Ms. Kishwar Kh.	Analytics For Woo Commerce	
31.	Shivam Soni	MCA	Ms. Rakhi Nautiyal	East2West tour & travel	
32.	Anuroop Priyadarshi	M.TechME	Dr. Rajesh Maithani Mr. Mohit Nagp	Thermal performance of rectangular roughened with multi V shaped baffles	Mechanical
33.	Parimesh Josh	M.TechME	Dr. Manoj Kumar Dr. Anil Kumar Patil	Pool boiling heat transfer enhancement using perforated twisted tape fins	
34.	Ankit Pathak	M.TechME	Mr. Ravi Kumar Dr. Manoj Kumar	An experimental investigation of sensible heat storage model with multi tubular and effect of augmentation in heat transfer	
35.	Vidushi Chauhan	M.TechME	Dr. Anil Kumar Patil Dr. Manoj Kumar	Heat transfer enhancement in pool boiling distilled water using gridded surface with protrusions over porous coated surface	




36.	Rohit Raina	MTechME	Dr. Rajesh Maithani Mr. Bipin Kumar	Experimental investigation of heat transfer and fluid flow characteristics of circular duct with winglet twisted tape inserts	
37.	Mr. Abhinav Dewari	Pharmacy/ Pharmaceutics	Dr. N. V. Satheesh Madh	Development and evaluation of nanosized pregabalin emulgel for transdermal delivery	Pharmacy
38.	Mr. Mohit Tya	Pharmacy/ Pharmaceutics	Dr. N. V. Satheesh Madh Dr. Abhijeet Ojha	Development and evaluation of nanosized ledipasvir mucoadhesive film for labial drug delivery system	


Visits to Foreign Countries

S. No.	Name of Faculty/Student	Title of event attended	Venue	Funding Agency	Date	Department/Program
1.	Nishtha Sadana	Summer School of Planning and Design with Water Sustainability	Delft University of Technology at Delft, Netherlands	Self Financed	16 th -27 th July 2018	Architecture
2.	Tooba Imtiyaz	Bauhaus Summer School	Weimar, Germany	Self Financed	4 th -18 th August 2018	
3.	Vivek Kumar Srivastava	IEEE International Conference on System Science and Engineering (ICSSE 2018)	National Taiwan University, Taipei City, Taiwan	UCOST Dehradun and DIT University	2018	EE / ECE
4.	Dr. Garima Verma	Conference	Dubai	DITU	February 2019	IT
5.	Dr. Hemraj Verma	International Conference on Artificial Intelligence	Amity University, Dubai	Self Financed	4 th -5 th Feb 2019	MBA
6.	Dr. Manoj Kumar	Guest / Expert Lecture	Mahanakorn University of Technology, Bangkok, Thailand	Mahanakorn University & Self	19 th -25 th September 2018	Mechanical

Details of new laboratories established/ upgraded

S. No.	Name of Laboratory	Name of Instructor	Brief description	Photographs	Department
1.	DBMS Lab (upgraded to new high configurative systems)	Mr. Hemraj Singh	The Lab is dedicated to database related practicals. High configurative computer systems installed softwares like Oracle Server, are used by the students to their Database related project assignments		CSE
2.	IBM Lab (upgraded to new high configurative systems)	Mr. Sanjeev Kumar	This lab is established for the use of the latest technologies like cloud computing being run in collaboration with the IBM technologies. It provides students with deep learning of cutting edge tools like Bluemix cloud. The lab is run by experts from IBM technology. Students also learn to work for information management lab.		

3. Data Interpretation and Spatial Analysis	Dr. Tarumay Ghoshal	The lab is dedicated for Environmental data analysis		Civil
4. Computational Lab	Mr. Nitin Gupta	The lab is established for the training project, and research work at UG and PG level. The lab includes ANSYS software for users.		
5. Automobile Lab	Mr. R. Rajan Mr. S. P. Gairola	The lab is established for basic advanced experiments on Wt balancer, Exhaust gas anal Spark plug cleaner and tester, analyzer injector cleaner & test		Mechanical
6. Thermal Physics	Dr. Samta Manoori	The purpose of this lab is to make experimental understanding different thermal phenomena. lab under graduate students able to determine the coefficient of thermal conductivity of thermoelectric emf by thermocouple thermal transport etc.		
7. Modern Physics	Dr. Samta Manoori	This lab is established for experimental understanding different phenomena of modern physics. In this lab under graduate students will be able to understand and determine the coefficient of photoelectric effect, etc.		Physics
8. Electricity and Magnetism	Dr. Manoj Bhatnagar	This lab is dedicated to experimental understanding of electricity and magnetism. Undergraduate students will be able to do different experiments which include: : c g h Y f DCR circuit Thevenin and Norton theorems, etc.		

9.	M.Sc. Physics Lab I & I	Dr. Samta ManojrDr. Ravi Shukla and Dr. Pankaj Chamoli	The main purpose of this is to make deep experimer understanding of different phe of advanced physics. In thi master students will have h; experie in different experime advanced level such as Four ; ESR, NMR, Transistors, Zee effect, etc.	
----	-------------------------	--	--	--

Details of Funded Research and Consultancy Projects

S. No.	Title of Research Project	Project Investigator(s)	Funding Agency	Amount (Lakhs)	Program
1.	Implication of data assimilation for identifying short s in various biogeochemical characteristics in the Bay of through Regional Ocean Model Simulations	Dr. Tarumay Ghoshal (PI) Dr. Shailendra Kumar Tiwary Prof. Arun Chakraborty	DST SERB	15.56	Civil
2.	Synthesis of Graphene composite for Organic Dyes Re	Dr. Pankaj Chamoli	DIT University 2		Physics
3.	MEMS Programmable MEMS Transducer for Ultrasour	Prof. B.S. Panwal	DST	49.53	
4.	Capacitive Micro-machined Ultrasonic Transducer (cMUT) Medical Imaging and Under Water Communication	Prof. B.S. Panwal	SERB	36.33	
5.	Teachers Associateship for Research Excellence(TARE)	Dr.B. K. Kaushik Dr. Santosh Kum	SERB	8.25	
6.	Quality Testing of High Voltage Ignitor and Ballast	Dr. Gagan Singh Mr. Nafees Ahamad	Nagar Nigam Dehradun	0.12	EE & ECE
7.	Design & Development of a system for contactless Bl measurement	Prof. B.S. Panwal	SERB	5	
8.	QoS optimization for Ubiquitous Seamless Communica Disaster Prone Hilly Terrain of Uttarakhand	Dr. Sonika Singh, Dr. Gagan Singh, Mr. Saurabh Mis	SERB-HRHR	28	



STATUTORY BODIES MEETINGS

Statutory Bodies meetings are conducted on a regular basis at University campus to ensure smooth functioning of the institution. The meetings held during the year 2018 to 30th June 2019 are mentioned below:

Sr. No.	Meeting	Date	Agenda
1.	VIII Meeting of Board of Research	18 Dec 2018	<ul style="list-style-type: none"> < Status of Ph.D. students discussed, letter appreciation was sent to the scholars whose was satisfactory. < HODs were asked to submit year report of all pr for records. < Center of Excellence has been created for R&D the University on 30,000 square feet land. < HODs informed about the status of research concerned departments and reported the research papers published in the current year.
2.	X Meeting of Board of Examination	05 Oct 2018	<ul style="list-style-type: none"> < Parents were informed about the performance of students. < Result analysis of last 3 years was presented < Auxiliary exams were conducted as mercy s passed out batches students < The discussion was held on students on probation, absent and debarred < Declaration of debarred list students before the
3.	IX Meeting of Finance Committee	23 Oct 2018	<ul style="list-style-type: none"> < Review and approval of policy on scholarship and refund for continuing students, policy related to official duties by employees < Revision in hostel charges Kasturba hostel for girls, review of room charge term hostel. < Any periodic supplementary budget will be provided on request of concerned HOD or budget owner. < Recognition of merit students by forwarding letters to parents.
4.	VI Meeting of Planning Monitoring Board	25 Sept 2018	<ul style="list-style-type: none"> < Various new courses were approved for next session in the department of Humanities like Ph.D. in Psychology, Economics, BA honors Sociology, Education Administration and MA Economics. < Introduction of Polytechnic University was approved for the academic session 2018 < Criteria for Best teacher award and Best research

		<p>were decided.</p> <ul style="list-style-type: none"> < The placement status of the current session was discussed.
5.	XI Meeting of Board of examination 28 Oct 2018	<ul style="list-style-type: none"> < Parents of debarred students were called for HOD < Remedial classes should be arranged for difficult the beginning itself < 1st year students to be counselled on future prospect < Summer term classes to be offered to limited students
6.	IX Meeting of Board of Research 13 April 2019	<ul style="list-style-type: none"> < Research project proposals and funding were discussed < Status of Ph.D. Scholars discussed and as analysis 12 students are expected to receive the 3rd convocation of DIT University < Letter of appreciation was issued to the 3 students a research project grant from UNESCO. < Amendments were made in the academic ordinance Doctoral Programme. < Intellectual Property Rights Cell has been recommended setup in the Campus. < Status of Research projects and papers were checked each department.
7.	XII Meeting of Board of examination 04 April 2019	<ul style="list-style-type: none"> < It was suggested that faculty should make P lectures in advance and advise students < Students feedback form to be taken seriously < Standardization of the course with common title and content < Recommendations of UFM committee were accepted
8.	VII Board of Governors 30 Nov 2018	<ul style="list-style-type: none"> < Course structure as per guidelines of CBCS formulated and implemented. < Apex council constituted. < Recommendations of the committee for the academic probation were made per the academic ordinance. < Proposal for new program for 2019-20 presented
9.	VII Meeting of Board of Management 09 Oct 2018	<ul style="list-style-type: none"> < Bifurcation of faculty of architecture and design DIT polytechnic introduced from 01.2018 < The committee presented the proposed budget 2018-19. < MOUs signed by DIT with various educational institutions and industry were presented.

10.	X Meeting of Academic Council	06-Oct-2018	<ul style="list-style-type: none"> < University will apply for NIRF ranking < Approval of grant for scholarship to the students. < B-Tech IT department to introduce a new e-learning. < Additional programs proposed for the year 2019 < Proposal for new Distinguished Alumnus Award.
11.	VII Meeting Planning Monitoring Board	15-April-2019	<ul style="list-style-type: none"> < Status of ongoing construction work reviewed. < A new Lab was approved for department of Chemistry and for BA honors Psychology. < Four new Programs were introduced for acad session 2019. < Faculty recruitment to ratio as prescribed UGC. < The conducted FDP was appraised. < Status of NAAC accreditation was discussed. < The request for new books was submitted to the coming semester. < Placement of students discussed and analyzed to improve it further. < An Alumni Connect programme initiated and planned to be organized in May 2019.
12.	X Meeting Finance Committee	30-April-2019	<ul style="list-style-type: none"> < Fee fixation committee of 7 members is formed to consider factors of financial needs, subject to the fee structure of competitive universities. < Approval of refund and withdrawal policy for the Indian National/SAARC/FNS. < Grant has been issued to the department education.
13.	XVII Meeting UG/PG Committee	17-Sept-2018	<ul style="list-style-type: none"> < Debarring criteria for mid-term examination was formulated. < M.Tech students may be engaged for connc classes in constitution with concerned faculty members. < Approved the revised program structure of B.Tech incorporating CBCS. < Dates for online quizzes decided.
14.	XVIII Meeting UG/PG Committee	28-Nov-2018	<ul style="list-style-type: none"> < The reason for the short attendance of the students was discussed. < The 65% cutoff was decided for debarring the end term examination. < For final year students different cutoff was proposed.
15.	XIX Meeting UG/PG Committee	19-Feb-2019	<ul style="list-style-type: none"> < The debarring condition was decided for the end term examination of the current semester. < Programme structure and Syllabus for E-Diplomas were finalized. < HODs were asked to get the Ph.D. course work approved by BOS.

-
16. XX Meeting 24April2019 < UG/PG Committee
- < Students of the first year falling short of the percentage of attendance will be debarred but the final year students relaxed in view of various e.g. placement drives, participation in various institutional events
 - < Extra classes planned by a faculty member informed to the Time Table in advance so that student attendance can be posted on SAP.
 - < Faculty members participating in various interinstitutional events
-



CENTRAL ACTIVITIES

Induction program for first year students

An Induction program for newly admitted students was organised from 14th August, 2018 to help new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the college, help them build bonds with other students and faculty members, and expose them to a series of large-scale cultural and sports activities. The first day started with the address by Honourable Vice Chancellor and Director followed by departmental presentation by Head of University by a group of students about various dimensions of specific course. The bridge-breaking program conducted by the Training and Development Department helped in bridging the gap between the students and faculty by interactive sessions. The students were also counselled by a psychologist on various issues encountered by the students in their college life like drug addiction, stress, anxiety, depression, etc. The 'Creative Cultural Informals' were organised to help develop teamwork and showcase talents in various fields like painting, literary, music, and sports. A motivational talk by the followers of 'Art of Living' was a part of the program to persuade the students to board meditation in order to cope with stress and anxiety. The corporate workshop was also given by the head of the placement cell which included corporate etiquettes and the importance of soft skills in the corporate world.



CSR Activities

3 RispanaRishiparna Plantation Drive at Shikhar Fall

A plantation drive was held on July 22, 2018. NSS team of University participated in the drive with great enthusiasm. Volunteered multipurpose trees provided by Forest Dept. in Rispana catchment area.



3 World Pharmacist Day

Faculty of Pharmacy along with Aarogya club celebrated world pharmacist day on September 25, 2018. Dr. Havagiray Chitme, Rajeev Kumar Sharma, Dr. Manmohan Singhal along with supporting Staff went to Hospital and Distributed food packets and medicines to people. The team also spread awareness towards Dengue in remote areas in Dehradun. Dr. Aojha and Sameer Bhargava went to Orphanage home and distributed stationary and other food items to the needy people.



3 National Cadet Corps Combined Annual Training Camp of NCC

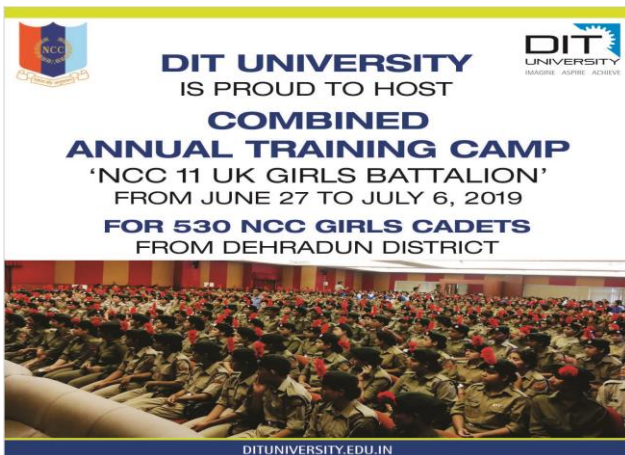
On October 18, 2018 the National Cadet Corps unit at DIT University was glorified with the presence of NCC organizers, the officers and Lieutenant and participation of other members.



The event was organized for the selection of 170 students. The criteria of selection included measurement of weight, height of each student, ensuring their general fitness. This included physical strength test and each student was required to hold two bricks (190mm x 90mm) each hand for a span of 30 seconds and a sprint race to test their motor strength, followed by submission of the data to the organizers.

In the extension of activities...

each hand for a span of 30 seconds and a sprint race to test their motor strength, followed by submission of the data to the organizers.



3 Conference Dehradun Smart Heritage in a Smart City

Faculty of Architecture and Design leading fruitful engagement and collaboration with INTACH in preservation of Natural and cultural heritage of Dehradun. The conference organized by INTACH and AD held at DIT University was indeed a great conference with meaningful information presented by various speakers. The students and Faculty of Architecture and Design, DIT University emphatically participated and provided meaningful suggestions. The discussions and feedback sessions were held over a three-day conference on the University campus from October 16-18, 2018.



3 Conference on Science & Technology, Commerce & Society

A conference on SCIENCE and TECHNOLOGY, COMMERCE and SOCIETY 2019 STCS organized by DIT University from February 4 to 12, 2019 STCS brought together a stimulating mix of people interested in interface between science and society. The event was held with great enthusiasm, shown by the students and faculty on captivating topics of discussion. The major topics of conference were:

- < Commercialization of techniques
- < Electronic Everywhere
- < Policies, programs, partnerships
- < Engineers as Entrepreneurs
- < IT-Frontiers and Challengers
- < Sustainable Development
- < Fuel for the future & The State Perspective



The first panel discussion of the conference took place on Feb 10th and was honored by the benign presence of the two Padma shri awardees, Dr. Lalit Pandey and Prof. Dr. Anil K. Choudhary. The panel discussion was followed by felicitation of the panel members.

The conference contributed to the enhancement of knowledge among the attendees by the further organized in the following two days, successfully done by intellectual exchange of thoughts which led to advancement in knowledge of science and commerce among the attendees.

3 Candle March against Pulwama Attack

To lament on the sacrifice of the chivalrous soldiers and as a mark of protest against ghastly Pulwama attack, DIT University took out a candle march on February 14, 2019, from Parade Ground to Astley hall. The students stood with the nation in this hour of need. Students with utter pain and anger in their minds shouted slogans like 'veer jawan amar rahe' on roads and showed anger in various activities. People on roadside also joined the march showing their gratitude and respect to the soldiers.

3 = b h Y f b U h] c b U ` ` K c a Y b Ñ g ` 8 U m `

DIT University celebrates every year to express the respect, appreciation and admiration towards the most powerful women gender. Also, 8 March was observed to celebrate the economic and political achievements of women. DIT University is a part of the 'H \ Y ` h \ Y a Y ` c Z ` = b & \$ %- ` k U g . ` Ī 6 U ` Ub [W Y k c X f f Balance for the better campaign not just for the year.



As a part of the celebration, a free medical check-up was organized. For this purpose, Dr. Anil K. Choudhary, SP City Delhi, Shweta Chauhan, Vice Chancellor of DIT University.

3 A guest lecture on A Straight Talk on Entrepreneurship

5. [i Y g h ` ` Y W h i f Y ` c b ` I 5 ` G h f U] [\ h ` H U ` _ ` c] was organized by Entrepreneurship Development and Innovation Cell, DIT University on March 14, 2019, in Seminar Hall, Workshop Building. The purpose of the event was to widen the exposure of students in the field of technology as well as management. The event was attended by the students & faculty members from various departments of DIT University.

3 Blood Donation Camp 2019

NSS in collaboration with Blood Bank and Shri Mahant Indresh Hospital organized a blood donation camp on the college premises on March 15, 2019, at seminar hall, Vishwakarma Block. The camp was inaugurated by the Vice-Chancellor of the University, Brigadier (Dr.) M. Srinivasan, NSS officer-in-charge, Dr. Vinod Kumar, Vice-Chancellor of the University, Prof. K.K. Raina, showing full fervor. 200 units were collected in total. National Health Mission, Red Cross Society and Amar Ujala also came forward for support.



3 National Technology Day

DIT University on May 11, 2019, organized an event to commemorate the National Technology Day. The event witnessed the participation of 275 students from various schools. The event organized diverse activities ranging from sports to quizzes. A tour to visit the labs was also arranged for the participants.

The day culminated with prize distribution for the winners and the runner-up in the events. Honorable Vice-Chancellor, Dr. KK Raina enlightened the participants by talking about the importance of the technology day.



The coordinator of the program, Prof. K. Tyagi, also addressed the gathering and emphasized on the development of the skills. The event concluded with a vote of thanks by Prof. Rama Sushil.

3 World Environment Day

To mark the occasion of World Environment Day, the day was celebrated under the supervision of Prof. Naveen Singh and his NSS team on June 5, 2019. The celebration started at 10:30 with the tree plantation in the presence of the University Chancellor, Vice-Chancellor, Pro Vice-Chancellor, faculty & staff members. The theme for the year 2019 was: Air Pollution. The drive proceeded further from 11:30 towards Makkawala village where the team also planted the trees.



3 International Yoga Day

The event of International Yoga Day signifies the unity of all units, to fulfill the common goal to achieve physical and mental health. The day originally conceptualized in India and has gained worldwide adoption for the enhancement of physical, mental, and spiritual practice. DIT University also celebrated Yoga day on June 21, 2019, in Vishwakarma Block at Seminar Hall. Dr. Pratik Singh, Assistant Professor, Humanities and Social Sciences and Yoga and Pranayam expert conducted the yoga session in the university.



which
the
June

The event witnessed the mass participation of faculty and staff members.

3 Career Counseling by Pervin Malhotra and Zubin Malhotra

The renowned counselors of the nation, Pervin Malhotra and Zubin Malhotra visited DIT University on May 17, 2019. The aim of the visit was to educate maximum students about future career choices. Over 640 students from various schools, coaching institutions like Doon Defence Academy, Gautam International School, Times World School, and many more reached the session. More than 20 principals and counselors from other regions were also present. The session was a success as it provided answers to the queries of parents and students. The session concluded with a Vote of Thanks by Prof. K K Raina, Vice-Chancellor, DIT University.



Skill Enhancement Activities

3 Entrepreneurship and Skill India Development Program

Í 9 b h f Y d f Y b Y India Development Program was held on March 11, 2018 at 2:00 P.M. at Vedanta 305 and was coordinated by Mr. Sandip Mandal with volunteers from ED Cell. The speakers were Mr. Sandip Mandal, Head EDC Cell, DIT, and Dr. Anil Kumar Dahiya, Head IT, DIT. The first session of the program was taken by Mohit Nagpal, who gave a pep talk on the difference between entrepreneur and businessman, the concepts of entrepreneurship in a current world.

The session concluded with some motivational videos, focusing on the benefits of starting a business. The second session was taken by Dr. Anil Kumar Dahiya, who discussed the benefits of own-ia start-up, technical and cultural challenges that one could face with a start-up.

Both the sessions were interactive and full of knowledge. At the end of the program, feedback was collected from all the 68 participants and recorded in ED Cell for detail analysis. Finally, the program was concluded by Vote of Thanks from Sandip Mandal, Event Coordinator, IT.

3 NPTEL workshop

July 13, 2018 witnessed another step taken towards the University. The Day comprised of a workshop organized by University association with IIT Roorkee on National Programme on Technology Learning (NPTEL). The workshop was attended by engineering students from different branches. The workshop focused on the importance of professional skills to utilize it for a successful future. The seminar turned out to be a huge success as it focused on the essentiality of transforming into ingenious professionals of tomorrow and left a great positive impact on the students. The students expressed their gratitude towards it for the steps taken for their betterment.

3 World youth skills day

July 15, 2018, the world youth skills day was commemorated in University. This program was organized by the faculty in support of the initiative adopted by the United Nations to promote the achievement of better economic conditions for youth. The event saw a great audience of students aware and stimulated to develop and acquire skills to progress on the path to a better future world.



3 Faculty development program

DIT University organized a faculty development program from 2018 on the campus. The main objective of the program was to overhaul the knowledge and teaching skills of the teachers. Vice Chancellor inaugurated the program and spoke during the event, motivational and educational lectures were given by Mrs. Anju Rawat (Scientist, UCOST) and a lesson on soft skills was given by Mrs. Hali.

Mini Gupta, Head, training and development. The program concluded with the enlightening talk of chancellor on teaching concepts.

3 Educational Entrepreneurship University Awards

DIT University is being awarded Educational Entrepreneurship University for the year 2018 by Trivendra Singh Rawat, Minister Uttarakhn on July 18 2018. Every year the USASBE (States Association for Small Business) awards Educational Entrepreneurship University Awards to colleges and universities in recognition of bold and programs that make an impact in the entrepreneurship education. Being an educational establishment DIT University has endeavored to further improve the level of education and the University constantly strives to educate the students about the various advancements in technology which helps them to empower and become self



3 @Y Wh i f Y : c b : I G Spectral Domain Optical Coherence Tomography

Department of EEG organized a technical session on 30th August 2018 for PG students. Mrs M.L. Makk (Scientist Photonics Division SAMEER LAB (IIT Mumbai)) Event was organized by Sandeep Sharma and Mr. Anuj Shrama.



3 Visit of Undergraduate Psychology Students of Dev Sanskriti Vishwavidyalaya, Dehradun

42 nos. of undergraduate students along with 10 members of Dev Sanskriti Vishwavidyalaya (DSV) visited DIT University on 1st October 2018. They were introduced to the different departments and courses of DIT University. They visited the multimedia language lab. Faculty members of DSVV also had a very fruitful discussion with the DIT faculty members about the future perspective and coordination with DSVV in a new dimension of psychology.



3 Visit of B.A. (H) Psychology Students of DIT to WIC Dehradun

On the occasion of World Mental Health Day, Students of B.A. (H) Psychology of DIT visited Dr. Yogik Kumar Sharma visited and participated in the program at World Integration Center, Dehradun. The program was held globally on 10th October. Students participated actively in different events like street play, painting, and

storytelling. A student named Riya Gupta won first prize in storytelling event and also her time was covered in the Times of India.



3 Visit of international Emeritus Professors

Achintya Bezbaruah, Associate Professor, Department of Civil and Environmental Engineering, North Dakota State University, USA visited DIT University from August 26, 2018 to October 7, 2018 as a Fulbright Scholar. He actively participated by giving seminars to students and faculty in the area of Environmental Engineering & on improving the research methodology. He actively participated in outreach activities and was a key note speaker of the international conference on Environmental Nanotechnology for Economic and Social development of India organized at DIT University during September-29, 2018.



Prof. Kevin Z Truman, Dean and Professor, School of Business Administration, University of Missouri at Kansas City, USA visited DIT University on October 8, 2018. Prof. Christina S. Davis, Provost and Professor, School of Business Administration, University of Missouri at Kansas City, USA visited DIT University on October 8, 2018. They addressed the students of DITU about opportunities of a exchange program for B.Tech students.

3 India Air Force visits DIT University

The team of the Indian Air Force (IAF) visited DIT University campus on October 6, 2018 to interact and give guidance on various career opportunities available in Indian Air Force. The team arrived at 9:00 A.M. After coordination with the organizing team, the motivational lecture was given by the team followed by the question & answer session. The various aspects of IAF had been showcased through the specially modified vehicle called Induction publicity exhibition vehicle (IPEV). The students in the exposure to IPEV where they experienced various facets of IAF



3 Uttarakhand

On October 7, 2018, our honorable Prime Minister Narendra Modi inaugurated the Investors Summit 2018, an enormous event by which the State look out for an investment of around Rs.20,000 crore as food processing, tourism, floriculture, horticulture, hospitality and many more. The aim of the event is to establish town business and foster the growth with public support and good governance.

DIT University has also made its mark in the event. A group of dynamic students participated in various activities and gained technical knowledge & experience in global business. They also explored new ways for industrial development in the state. Apart from India, investors from Japan, Czech Republic, Argentina, Malaysia, etc. also participated in the Summit.



3 Youth Fair

Mr. Ajay Shankar from CSE Department was in charge of this event. He assisted all the participants from different destinations. Around Dehradun in March 2018, he was in charge of the event and he suggested to bring more to the society and insisted the students for recognition across the globe.



3 Digital India & Sustainable Development

The event was held at Institution of Engineers, Dehradun, Uttarakhand State. BCA/MCA students participated in the event. They discussed about the development of India in the domain of digital technology. Along with that how much the physical system is vulnerable and what would be the emerging areas in the future.



3 Academic tour to Dev Sanskriti Vishwavidyalaya of the Department of Psychology

On March 28, 2019, the students of B.A. (honors) Psychology of DIT along with two faculty members Dr. Arun Pratap Singh & Dr. Vikas Kumar Sharma had the golden opportunity to visit DSVV, Haridwar on a scheduled educational trip. Dr. Manish Gupta, the Vice-Chancellor of DIT, demonstrated the usage of various equipment with the help of subjects among the students. Dr. Chinmay Pandya, the Vice-Chancellor of DIT, also interacted with the students.



ANNUAL EVENTS

3 Alumni Meet

No distance of "place" or lapse of "time" can lessen the "friendship" of those who are thoroughly aware of each other's worth, but it is too hard to gather on a common ground so here comes the time to look back and celebrate all that we have achieved and all that we have aspired to. DIT University organized an Alumni Meet at The Asian Box banner restaurant in Pune on 21st July 2018. This event was hosted by Amit Khanduri, Yuvraj Tomar, Anu Sharma, Lalit Sharma and Surya Karan Chaudhary.

3 : f Y g \ Y f g Ñ ' D U f h m ' .

DIT University organized a F & Y g party to welcome the first year students of B. Tech, B.Sc, BA on September 2018. The event is an opportunity for the students to get acquainted to the new environment with their seniors & faculty members. A series of impressive performances by the students showcased their talent, flair and a hint of healthy competition. The program concluded with the announcement of Mr. Freshers and Ms. Freshers from each branch and thus ended on a high note.



3 H Y U W \ Y f Ñ g ' X U m ' 7 Y ` Y V f U h] c b



DIT University celebrated its 15th Anniversary on September 5, 2018. The function was held at Nandana auditorium at 3 p.m. All the faculty members with Vice Chancellor, Pro Vice Chancellor and Director of Engineering addressed the venue and enthusiastically participated in the celebration. The function commenced with the lighting of the lamp followed by DIT Kulgeet. The celebration proceeded with the conferring of Long Service Awards to the teachers, completed their services of 10 and 20 years. The celebration concluded with a vote of thanks by Dr. Manoj Bhatnagar, dean faculty affairs.

3 Annual academic prize distribution

when you achieve it. To acknowledge and appreciate the efforts of the young achievers, DIT University organized the annual academic prize distribution ceremony on October 13, 2018. The programme commenced with seeking the blessings of Goddess Saraswati and lighting of the lamp. This year over 200 students received the awards and cash prizes. We extend our thanks to the meritorious students. The programme was presided over by a vote of thanks proposed by Dr. Surbhi Sachdeva, Director of Academic Affairs.



[f Y U h Y
The
with

3 YOUTHOPIA 2018

DIT University celebrated its energetic three day annual Technical & Cultural Youthopia 2018 from November 22 to 24, 2018, with the sole aim of enhancing technical skills and promoting creativity among the students. The three day festival was turned into a most exhilarating experience for the students. The festival was officially inaugurated with an opening ceremony by the Chief Guest Mr. Ashok Kumar, Additional Inspector General of Police, Crime Law & Order, followed by an



inspirational speech and cultural program starting at 4 PM.

The first day of Youthopia promised enjoyable and competitive events which were grouped under different categories: Technical, Cultural, Informal, Literary, LAN and Edm Fringe Arts.

After ending the first day with a bang, various cultural events like *The Battle of the Bands* and *The Auditions* for the melodious singing platform *Conscendore* were organized on the second day. Apart from DIT University, other reputed colleges



from all over India participated. The day ended with the fantastic performance by DJ Maddy. DIT University resumed its third day of the annual festival Youthopia on November 24, 2018, with unmitigated zeal.

Convocation 2018

The 2nd Convocation of DIT University was held on December 1, 2018, at DIT University Campus Dehradun. The ceremony was presided over by Honorable Chief Minister of Uttarakhand Shri Trivendra Singh Rawat, Honorable Minister, Higher Education DR. Dhan Singh Rawat, Guest of Honour. In the year 2018, 1000 students were awarded the degree in different courses, B.Tech, B.Arch, B.Pharm, M.Tech, B.A., MCA, M.Com. Besides these, DIT University also awarded 11 PhD degrees along with 16 Gold Medals this year.



3 Sphurti

Ever year annual sports *Sphurti* is organized to celebrate the spirit of sportsmanship. This year DIT celebrated the fest from March to 12 2019. The annual sports meet was declared open in the presence of esteemed guest A.D.G Ashok Kumar. The three day fest was divided into four parts of cricket, basketball, volleyball badminton table tennis and football in which teams from Dehradun and other states participated.

3 Foundation Day

DIT University celebrated its foundation day on 2, 2019. The day was celebrated to revisit and recon with the continuing journey of the university. Various events which instilled scientific temper in the young minds were organized, named *Quizmania*. In the year 2019, the team had a participant X who participated in the *Percepta* based rounds. *Percepta* was based on the perception of the participant wherein the participant was shown a picture and an observation of the same was assessed. In another activity, Debate the prolific orators presented their views on the topic 'Innovation in the field of science and working models respectively'. The program concluded with prize distribution to the winners by Vice Chancellor.

Festivals & National days

3 Independence Day Celebration

The 72nd Independence Day was celebrated in DIT University with full zeal and fervor. The auspicious occasion on 15th August was filled with the prestigious hosting of Indian Flag and a march past committed by

college to epitomize the pride of our remarkable nation and commemorate its independence. RJs channel were invited to interact with the students. Cultural programs, comprising performances, instrumental and group singing were also held. The program concluded with



3 Diwali Celebration

The celebration of Diwali, the festival of lights, came alive at DIT Adun, on November 3 at the Deepawali Mahotsav which was organized for the students and their family members. The event was preceded by the Diwali Exhibition organized by AIO, who using waste materials made lighting fixtures and The funds received were donated to charity. The participative participation of the faculty and their members. They bursted crackers and witnessed a magic show. Various performances were presented by the members of faculty and the atmosphere was filled with happiness and joy.



3 Lohri Celebration

Lohri is the harvest festival of Punjab celebrated at DIT University. On January 13, 2019, with a lot of zeal and enthusiasm, the mood on the campus was upbeat and the students were totally absorbed in the festive spirit. The celebration started with Lohri puja by lighting the bonfire, distribution of the special Lohri delicacies like gachaks, groundnuts, etc. and ended with the enthusiasm and enjoyment among students as well as faculty.



3 Republic Day Celebration

On January 26, 2019, DIT University celebrated the U h] the Public day\$ with gaiety and The ceremony commenced with the unfurling of National flag by Chancellor and Vice chancellor followed by na by the choir. The ceremony proceeded with a significant display parade by 11 UK Girls Battalion DITU. Patrio d c Y a ' Ī D c c ^ U ' _ Y ' d \ c c ` Đ ' f Y W] h Y X ' V m patriotism Vice Chancellor, Dr. K K Raina addressed an ebullient gathering and briefly discussed the dis by the and also the steps which should be undertaken by the to improve the academic standards. The ceremony culminated by singing various patriotic songs.

3 Holi Celebration

The festival of colors was celebrated at Chanakya Hall, 2019 from 3:00 pm in DIT University. The ambiance of DIT was not only colored with the bright and vibrant dry colors but the environment vibrant energy.

Vice chancellors as the head of family invited everyone to come and enjoy the music with everyone. High t was arranged for all students and staff members of the university. The sweets, especially jolly were distributed to everyone present.





ACADEMIC COLLABORATIONS

Sr. No.	Name of Institutes/Industries	City/Country Area	Area	Duration	
				Signed on	Valid till
1	The Institute of Asiar Oriental Studies at the University of Tuebingen, Germany	Germany	For the purpose of research & academ cooperation	October 2018	Reviewed periodically after years from the date of signing
2	Institut Francais en l'Embassy of France in India	New Delhi	Provide a French Language Tutor to Indian partner Insti for 12 to 20 teach hours weekly.	June 2019	1 Year
3	Red Hat India Pvt. Lt	Mumbai	For Red Hat Acader approved courses	November 2018	initially for 1 ye renewal term o mutual consent
4	Smart Joules Pvt. Ltc start up(SJPL)	Delhi	For technology cooperation	November 2018	2 Years, automatically renew for an additional 2 year period at the ei of 2 year term unless terminat as per Clause 7
5	Birla Institute of Technology, Mesra	Ranchi	Incubation & Entrepreneurship Knowledge Exchange	July 2018	3 years

6	DY Patil University	Mumbai	Incubation & Entrepreneurship Knowledge Exchange	April 2019	1 year
7	Parul University	Vadodara	Faculty Exchange (FDPs, MDPs, etc.)	June 2019	1 year
8	Secure Meters	Udaipur	To improve employability of the students	February 2019	2 years



STUDENT CLUB ACTIVITIES

GOOGLE STUDENT COMMUNITY

Event	Duration	Description
Node JS	25 th January 2019	The event focused on open source technologies such as Heroku (cloud platform), VS Code, Node.js. Further the community added a real time practical deployment issue with the following APIs. <ol style="list-style-type: none"> i. Weather API Integration. ii. Google Geo Code API iii. Dark Sky API
8 Y g] [b Y f	4 th - 11 th February 2019	Google Student Community in association with conducted a workshop for 8 Y g] [b Y f between 4:00 PM to 6: 00 PM. The topics covered workshop pool were as follows Photoshop, Pixel Lab, After Effect, Illustrator, Premier Pro

SPE STUDENT CHAPTER

EVENT	DURATION	DESCRIPTION
Petro Quiz 1.0	12 th February 2019	Successful competition is participating and putting effort. SPE SC is proud to announce its success in generating enthusiasm in students.
Techfest 2019	26 th - 28 th March 2019	This Tech fest has been designed to maximize opportunities for networking, knowledge sharing and learning for the Petroleum Engineering students and others from Industry. Having awareness for HSE, Geology, Directional Drilling, Conversion of Natural Gas into Olefin and Aromatic Hydrocarbons logging is an essential attribute of a Petroleum Engineer. With three day SPE Tech fest, the Department of Petroleum Studies expects to generate the desired awareness among students.

ACM-DITU Chapter

EVENT	DURATION	DESCRIPTION
Web Development	2 nd & 6 th April 2019	The session started in the evening at approximately 4 PM by ACM-DITU Chapter members. They introduced the latest web development technologies, e.g. HTML, CSS, JavaScript, MySQL. The aim of this workshop was to develop a competition was held among the participants.
Python with ML	6 th April 2019	The Seminar was taken by a prominent speaker from IIT Bombay, Mr. Raj Kumar Saini, a computer science graduate who had previously worked with Amazon, Adobe, Shaw and others.

HackIntelligence

EVENT	DURATION	DESCRIPTION
Machine Learning	16 th April 2019	It was an interactive workshop with Mr. Ravi. He discussed the current trends of Machine Learning and its advantages. He explained to students about the benefits and challenges it will bring to our daily activities. He discussed the importance of machine learning and its applications. He provided insights about Machine Learning. He explained machine architecture. He also taught the student about artificial intelligence and how it is beneficial for them in machine learning.

Samarthya

EVENT	DURATION	DESCRIPTION
Software Training	14 th -15 th September 2018	Software Training conducted by Samarthya Club

ICEIT

EVENT	DURATION	DESCRIPTION
Expert Lecture on Future Wireless Generations Technology and Trends'	14 th August, 2018	Expert Lecture on Future Wireless Generations Technology and Trends' by Mr. Kapil Bhutani, Director, Telcocrats Telecom, Mohali, Punjab organized by ICEIT DITU organizational Member. Date: 14.08.2018 Time: 10:00 AM Venue: Chanakya Seminar Hall, Chanakya Block, DITU Target Audience: 4th year UG and PG Students of EE and ECE.
Webinar on Wireles Insite Software	24 th August, 2018	Webinar on Wireless Insite Software By Mr. Anil Saini, Application Engineer, Remcom Integrated Systems, Organized by ICEIT DITU organizational Member. Date: 24.08.2018 Time: 10:00 AM Venue: Seminar Hall, DITU Target Audience: PG Students of ECE and Faculty Members

JQL-Quiz 2018	11 th October 2018	Jaipuria Quiz League Competition 2018 Under ICEIT, DIT Organisational Member in which 60 DITU students from all branches of 4 th year on 10 th Wh D & \$ %, " team was awarded a cash prize of Rs 2500/ each JQL.
Expert lecture on 'Technologies and Evolution of 5G'	11 th February 2019	Expertecture on ' 4G Technologies and Evolution of 5G'. Kapil Bhutani, Director Telcocrats Technologies Chandigarh, under ICEIT DITU Organisational Memb DITU, Dehradun. The details of the program were as follows: Date: 11.02.2019 Time: 10:00 AM Venue: Chanakya Semi Hall, Chanakya Block, DITU Target Audience: 4th year UG & Students of EE

DIT MOTORACING CLUB

EVENT	DURATION	DESCRIPTION
FORMULA 6 < 5 F 5 H D & \$ %	22 nd & 27 th January 2019	Formula Bharat is an engineering competition in w students from colleges and universities all over compete with a life Formula style vehicle in area engineering design, overall cost, marketability, performance. The Formula Bharat 2019 competition at KARI Motor Speedway in Coimbatore from 22 nd to 27 th January 2019.

CODEGENX

EVENT	DURATION	DESCRIPTION
Git & github	4 th February 2019	The Workshop started with a brief Introduction ab (& GitHub). Later the speaker gave an overview wh do we use Version Control presented the student Hands on Experience with all commands like: i) Creating a Repository (By and ii) Adding Files to a repository iii) Committing changes (iv) Undo Changes (v) Fetching, Merging Pulling (vi) Viewing Logs (vii) Diffing (ix) Cloning and many more.

RESEARCH CLUB

EVENT	DURATION	DESCRIPTION
Paper Presentation Competition	17 th October 2018	A competition to enhance research aptitude of the students.
Workshop on Website Designing	23 rd January 2019	A workshop organized by SheFyams Coding School Bhopal.

RED RIBBON CLUB

EVENT	DURATION	DESCRIPTION
Meditation Session	6 th - 8 th September 20	A workshop organized by Heartfulness Meditation.

CLICKRRATI LITERRATI CLUB

EVENT	DURATION	DESCRIPTION
Hindi Diwas Celebration 2018	11 th -14 th September 2018	In the occasion of Hindi Diwas the celebration was done from 11 th to 14 th of September. This 3 day consisted of 3 events: i. Rachna ii. Kavi sammelan iii. Vaad vivaad
Quiz	12 th October 2018	The club organized a quiz session to test the knowledge in topics like history, current affairs, sports, and politics.
Talent Hunt	15 th October 2018	The club organized Talent Hunt for the students to give them a stage to showcase their talent in the fields of Dancing, Singing, Instrumental, Poetry
Creative Writing Competition	24 th October 2018	The club organized a Creative Writing competition. We were given a few topics in Hindi as well as in English to put their imagination. The themes allowed the writers to express their thoughts and pour out their emotions.
Desh Prem Mahotsav 2019	23 rd January to 23 rd March 2019	The club organized Desh Prem Mahotsav every year. This year the event schedule from 23 rd of January to 23 rd of March anniversary of Netaji Subhash Chandra Bose to 23 rd of March. The following events were organized: Open Mic: 23 rd January 2019 Abstract Art: 31 st January 2019 Quiz: 1 st February 2019 Treasure Hunt: 15 th February 2019 Mock SSB: 13 th March to 15 th March 2019 Debate: 28 th March 2019

TECHLIVE IETE -Student Forum

EVENT	DURATION	DESCRIPTION
Technical Seminar	6 th -11 th August 2018	Department of EECE organized a technical session for 1 st year students on Radiation hazards or effect of things. Seminar/Lecture delivered/presented by Brajlata Chauhan
ZEAL 2019	12 th -14 th March 2019	A three day exciting technical as well as sporty games are held such as: i. TECHNOMELA ii. PUBG iii. YOUTHZEST
Technoparv 2018	29 th October to 30 th October & 1 st November 2018	Three day cultural and technical event. Event organized as under: i. Technologia ii. Funilistics and iii. Wall Breakers

Spic Macay

EVENT	DURATION	DESCRIPTION
Qawwali by Outbi Brothers	26 th March 2019	SPIC MACAY organized a musical extravaganza for students and faculty members of the university. The voices of Outbi Brothers left the audience in awe. The event was a large gathering and was fully enjoyed by all.

Personality Development Club

EVENT	DURATION	DESCRIPTION
Serving Week	4 th - 8 th September 2018	A number of workshops were conducted by PDC in order to give students a clear idea of some of the daily life challenges and their solutions. The following events were organized: People (06 Sept. 2018) Life (06 Sept. 2018) Confidence building (07 Sept. 2018) Perception and Power of Positivity (08 Sept. 2018)
MockSSB	1 st - 4 th February 2019	A 5-day procedure that Indian Defence service conducts as service selection board to assess an individual's mental as well as physical fitness and declare whether a candidate is fit for defence or not. i. Screening In ii. Picture Perception Description Test iii. Psychology Test
Challengo'19	5 th - 16 th April 2019	Challengo'19 is the flagship event organized by our Personality Development Club. It has 3 categories, Sports, Brain and Talent. Sports: Badminton, Gully Cricket, Football, Basketball, Table Tennis, Chess, and Carrom. Brain: Consisted of 2 events namely, Trivia Quiz and Sudoku. Talent: Provided a platform for students to discover their talents. Hybrid: Consisted of 2 events, Treasure Hunt and...

Editorial Board

EVENT	DURATION	DESCRIPTION
Release of Quarterly Newsletter 'Aarohan'	1 st of March, June, September and December	It is a quarterly newsletter that covers the happenings of the last three months.
Campus Scoop Monthly E-newsletter	1 st of Every Month	A monthly newsletter that covers the happenings of the last month.

CSI

EVENT	DURATION	DESCRIPTION
Hackathon 1.0	9 th - 11 th February 2019	DIT University Gurgaon has organized Hackathon at the national level. It was a coding event with an objective to give a platform to the students for creating software. The duration of the event was 36 hours in continuous. This event was a whole package of talent and exciting prizes and internship offers. Participants: There were 20 teams registered. 10 teams from DIT University itself. Twelve teams from outside. One team from LPU Jalandhar, One team from NIT. Others are from UPES, Alpine, Tula, JBIT from Uttarakhand.

API Club

EVENT	DURATION	DESCRIPTION
GIRON 19	13 th -14 th February 2019	GIRON 19 had the following two events: 1. MOCK PARLIAMENT With an objective to provide students a hint on how parliamentary meetings are executed, to nourish their debating skills and bring new faces who were lagging behind. 2. CREATIVE STUDIO The purpose of art is washing away the dust of everyday life from the souls. The event aimed to bring forward your creativity.

The GAUSS Science Club

EVENT	DURATION	DESCRIPTION
Painting competition	7 th August 2018	Space Mission, Scientific Illusions and Technological Art
Yuthopia	23 rd November 2018	Planetarium
Kritivigyan	12 th March 2019	Quizame (interactive quiz session), Perceptia (shown pics), Debate competition, and Poster and Science exhibition

Prithvi Club

EVENT	DURATION	DESCRIPTION
Group Discussion	15 th February 2019	Theme: Education for All
Art Mela	15 th March 2019	Theme: Rural Development and Environmental Sustainability

Global Peace Foundation (GPF)

EVENT	DURATION	DESCRIPTION
WORLD CLEAN-UP DRIVE	15 th September 2018	The Clean Up Drive was a collaborative effort of AIESEC DEHRADUN, WARRIORS and GLOBAL PEACE FOUNDATION.
OLD AGE HOME VISIT	14 th October 2018	The OLD AGE HOME VISIT drive was a combined effort of GPF and volunteers.

Debating Society DITU

EVENT	DURATION	DESCRIPTION
DIGITAL INDIA: NEED OR DREAM	13 th September 2018	"DIGITAL INDIA: A DREAM OR A NEED" - Digitalization is both a need and a dream. The students from various branches participated in the debate. No language bar, the winners were selected from the Hindi and the English category.
Shri Navee Agarwal Memorial Inter Branch Debate Competition	27 th October 2018	The event had huge participation from various branches. The participants vehemently opposed the topic while they debated. The topic was "Should we have a nuclear war?" or No. / ?- " /



STUDENTS ACHIEVEMENTS

Programme-wise Topper

S No.	Course	Year	Student	CGPA	Rank
1	BAECO	2nd Year	TANYA AGARWAL	8.98	1st Topper
2	BAECO	2nd Year	SUPRIYA BHANDARI	8.61	2nd Topper
3	BAECO	2nd Year	AARUSHI KUMAR	8.54	3rd Topper
4	BARCH	2nd Year	VAIBHAVI GOEL	8.87	1st Topper
5	BARCH	2nd Year	VASHVI K KUMAR	8.84	2nd Topper
6	BARCH	2nd Year	DEEKSHA PALYAL	8.80	3rd Topper
7	BCA	2nd Year	SIDDITH-BHALLA	8.92	1st Topper
8	BCA	2nd Year	NIHAL TRIPATHI	8.84	2nd Topper
9	BCA	2nd Year	ATISHAY JAIN	8.68	3rd Topper
10	BD-ID	2nd Year	NANDITA MISHRA	9.23	1st Topper
11	BD-ID	2nd Year	MEET PATEL	8.39	2nd Topper
12	BD-ID	2nd Year	DARAIN YUSUF	8.34	3rd Topper
13	BPHARM	2nd Year	MONIKA	8.90	1st Topper
14	BPHARM	2nd Year	MUSKAN MADAN	8.71	2nd Topper
15	BPHARM	2nd Year	ANKITA CHATURVEDI	8.67	3rd Topper
16	BScCHE	2nd Year	NIHARIKA PUNDIR	9.40	1st Topper
17	BScMAT	2nd Year	VANSHIKA CHAWLA	9.14	2nd Topper
18	BScPHY	2nd Year	DEV NARAYAN UNIYAL	9.11	3rd Topper
19	BTCE	2nd Year	PANKAJ KUMAR	9.07	1st Topper
20	BTCE	2nd Year	ABHAY KUNWAR	9.00	2nd Topper
21	BTCE	2nd Year	DIVYANSH GUPTA	8.90	3rd Topper
22	BTCSE	2nd Year	ARCHIT GOYAL	9.83	1st Topper
23	BTCSEML	2nd Year	PRATEEK CHHIMWAL	9.71	2nd Topper
24	BTCSE	2nd Year	HARSHIT SINGHAL	9.56	3rd Topper
25	BTECE	2nd Year	PRANAV KASHYAP	9.06	1st Topper
26	BTECE	2nd Year	SIMRANANEJA	8.54	2nd Topper
27	BTECE	2nd Year	AKSHAT KUMAR	8.48	3rd Topper
28	BTEE	2nd Year	RISHITA THAPA	9.09	1st Topper
29	BTEE	2nd Year	HIMANSHU GUPTA	7.98	2nd Topper
30	BTEE	2nd Year	KUSHAGRA KUMAR	7.94	3rd Topper
31	BTIT	2nd Year	SIMRAN AGARWAL	8.96	1st Topper
32	BTIT	2nd Year	ANUBHAV NEGI	8.75	2nd Topper
33	BTIT	2nd Year	AKSHAT DEV RAWAT	8.01	3rd Topper

34	BTME	2nd Year	AKSHAT JAIN	9.80	1st Topper
35	BTME	2nd Year	ROSHAN JOSHI	8.85	2nd Topper
36	BTME	2nd Year	HARSH GURURANI	8.82	3rd Topper
37	BTPE	2nd Year	AMAN RASTOGI	9.19	1st Topper
38	BTPE	2nd Year	RITESH POUDIYAL	8.72	2nd Topper
39	BTPE	2nd Year	TITASH ROY	8.13	3rd Topper
40	MBA	2nd Year	KHUSHBOO GUPTA	9.25	1st Topper
41	MBA	2nd Year	MINAL TANDON	8.96	2nd Topper
42	MBA	2nd Year	POOJA KUMARI SINGH	8.56	3rd Topper
43	BARC	3rd Year	RACHIT AGARWAL	9.47	1st Topper
44	BARC	3rd Year	KRASHANG GIRI GOSWAM	9.41	2nd Topper
45	BARC	3rd Year	JAYESH SINGH RAWAT	8.90	3rd Topper
46	BPHARM	3rd Year	SWEETY	9.28	1st Topper
47	BPHARM	3rd Year	AKASH KUMAR GUPTA	9.09	2nd Topper
48	BPHARM	3rd Year	FAISAL REHMAN	8.54	3rd Topper
49	BTCE	3rd Year	PRANAV S C PANDEY	9.59	1st Topper
50	BTCE	3rd Year	AMAN KUMAR	9.44	2nd Topper
51	BTCE	3rd Year	AKASH AGRAWAL	8.92	3rd Topper
52	BTCSE	3rd Year	ANIKET CHAUHAN	9.59	1st Topper
53	BTCSECCV	3rd Year	VANSHIKA AGRAWAL	9.39	2nd Topper
54	BTCSEBDA	3rd Year	VIPUL H HARIHAR	9.29	3rd Topper
55	BTECE	3rd Year	INGEET DAS	8.30	1st Topper
56	BTECE	3rd Year	NIPUN GARG	8.28	2nd Topper
57	BTECE	3rd Year	MRITUNJOY RANJAN DAS	8.10	3rd Topper
58	BTEE	3rd Year	HIMANI GUPTA	9.42	1st Topper
59	BTEE	3rd Year	AYUSH CHAUHAN	8.65	2nd Topper
60	BTEE	3rd Year	BHANU PRAKASH JOSHI	8.58	3rd Topper
61	BTIT	3rd Year	SHIVANGI SHARMA	8.84	1st Topper
62	BTIT	3rd Year	NAMAN GUPTA	8.30	2nd Topper
63	BTIT	3rd Year	AYUSH PANDE	8.13	3rd Topper
64	BTME	3rd Year	AYUSH TIWARI	9.33	1st Topper
65	BTME	3rd Year	DEVANSHI HANDA	9.29	2nd Topper
66	BTME	3rd Year	ABHINAV SINGH RAUTHAN	9.19	3rd Topper
67	BTPE	3rd Year	PRANALI M RANE	9.68	1st Topper
68	BTPE	3rd Year	MOHD ADEEB KHAN	9.19	2nd Topper
69	BTPE	3rd Year	SAHIL CHAUDHARY	9.04	3rd Topper
70	MCALE	3rd Year	ARPIT GUPTA	9.86	1st Topper
71	MCALE	3rd Year	SANYA ARU	9.08	2nd Topper
72	MCALE	3rd Year	NAVNEET BAHUGUNA	8.47	3rd Topper
73	BARC	4th Year	NIKHIL AGRAWAL	9.19	1st Topper
74	BARC	4th Year	MUKUL SINGHAL	8.82	2nd Topper
75	BARC	4th Year	JIGYASA SACHDEVA	8.54	3rd Topper
76	BPHARM	4th Year	KUMAR T PRATIYUSH	8.98	1st Topper
77	BPHARM	4th Year	AMBIKA BHATT	8.95	2nd Topper
78	BPHARM	4th Year	SHUBHAM RAWAT	8.91	3rd Topper
79	BTCE	4th Year	ABHINAV JAIN	9.42	1st Topper
80	BTCE	4th Year	SAGAR GOEL	9.18	2nd Topper
81	BTCE	4th Year	UDBHAV SIDDHARTH	9.05	3rd Topper

82	BTCSE	4th Year	PRABHJEET SINGH ARORA	9.55	1st Topper
83	BTCSE	4th Year	ADITI	9.49	2nd Topper
84	BTCSE	4th Year	SHASHI TOMAR	9.44	3rd Topper
85	BTECE	4th Year	SHIVANI GUPTA	8.78	1st Topper
86	BTECE	4th Year	SNEHA RANI	8.73	2nd Topper
87	BTECE	4th Year	DIVYA PAL	8.54	3rd Topper
88	BTEE	4th Year	ADARSH MAKHOLIA	9.51	1st Topper
89	BTEE	4th Year	KIRAN NEGI	9.50	2nd Topper
90	BTEE	4th Year	SHIVANI BAKHETIA	8.39	3rd Topper
91	BTIT	4th Year	ISHITA PANWAR	8.72	1st Topper
92	BTIT	4th Year	NIDHI KUMARI	8.50	2nd Topper
93	BTIT	4th Year	KUNDAN KUMAR	8.39	3rd Topper
94	BTME	4th Year	ABHISHEK AGARWAL	9.18	1st Topper
95	BTME	4th Year	RAGHAV MANCHANDA	9.00	2nd Topper
96	BTME	4th Year	AYUSH SRIVASTAVA	8.99	3rd Topper
97	BTPE	4th Year	ANAND KOTHARI	9.75	1st Topper
98	BTPE	4th Year	AKRAMA SIDDIQUE	8.35	2nd Topper
99	BTPE	4th Year	SANGRAM SINGH	8.33	3rd Topper
100	BARCH	5th Year	BHANUJA DORA	8.58	1st Topper
101	BARCH	5th Year	NEHA UNIYAL	8.48	2nd Topper
102	BARCH	5th Year	MAYUR GARG	8.46	3rd Topper

GATE/CAT Score

S. No.	Name of student	Prgram & Branch	Exam Qualified	Score
1.	Rohan Rathore	B.Arch	GATE	418
2.	Abhishek Pundir	B.Tech. (CSE)	GATE	47.33
3.	Adwaja Singh	B.Tech. (CSE)	GATE	28
4.	Aditya Negi	B.Tech. (CSE)	GATE	48
5.	Amit Nagarkoti	B.Tech. (CSE)	GATE	39
6.	Devang Joshi	B.Tech. (CSE)	GATE	24.67
7.	Rjul Goel	B.Tech. (CSE)	GATE	30.33
8.	Tejaswi Chauhan	B.Tech. (CSE)	GATE	28.33
9.	Shashi Tomar	B.Tech. (CSE)	GATE	37
10.	Kavinder Rawal	B.Tech. (CSE)	CAT	91.5
11.	Shatakshi Bhatia	B.Tech. (CSE)	CAT	70
12.	Abhinav Srivastav	B.Tech. (CSE)	CAT	87
13.	Aditya Rawat	B.Tech. (CSE)	CAT	90.25
14.	Harshit Arora	B.Tech. (CSE)	CAT	90.32
15.	Swati Kapoor	B.Tech. (CSE)	CAT	50.64
16.	Aditya Prakash	B.Tech. (CSE)	CAT	91.11
17.	Aditya Jamuar	B.Tech. (CSE)	CAT	97.02
18.	Ayush Gaur	B.Tech. (CSE)	CAT	68.87

19.	Shashi Tomar	B.Tech. (CSE)	CAT	87
20.	SWAPNIL MAHNDRI	B.Tech (Civil)	GATE	423
21.	HIMANSHU DIMRI	B.Tech (Civil)	GATE	278
22.	SAGAR GOEL	B.Tech (Civil)	GATE	422
23.	REENA CHAUHAN	B.Tech (Civil)	GATE	337
24.	SHIVANGI LAKHERA	B.Tech (Civil)	GATE	388
25.	DEVDEEP SINGH	B.Tech (Civil)	GATE	427
26.	Binish Khan	B.Tech(PE)	GATE	803
27.	Chaitanya Tandon	B.Tech(PE)	GATE	727
28.	Vishu Roy	B.Tech(PE)	GATE	623
29.	Abhinav Anand	B.Tech(PE)	GATE	510
30.	Ranvijay Singh	B.Tech(PE)	GATE	445
31.	Ranvijay Singh	B.Tech(PE)	GATE	469
32.	Anand Kothari	B.Tech(PE)	GATE	369
33.	Sangram Singh	B.Tech(PE)	GATE	475

- 3 Ujjwal Dima, BCA 2nd in an intercollege Basket Ball competition held on 22nd Mar 2019 in engineering college of Dorker. He also owns 3rd position in sports fest; participated at IIT Kanpur sports fest.
- 3 In a 28 Day coding challenge (codewithchris.com) held on 30 January 2019, Kaviraj Pandey acquired OS app development certificates from codewithchris.com and University of Michigan. He also successfully completed online course on coursera.com, production of HTML5 on 29th August 2018 from University of Michigan



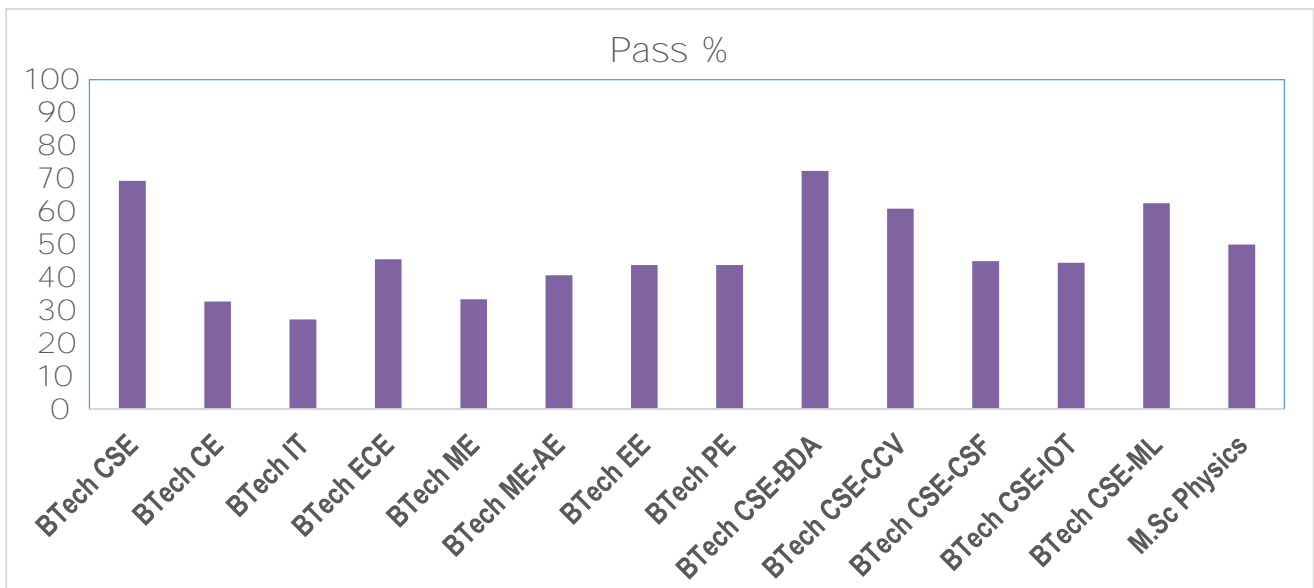
- 3 PRANALI M RANE won Best Speaker position in regional debate on topic 'Application of geosciences for sustainable development' [f c k h \ '] g ' U b ' i h c d] U b ' X f the motion conducted by American Association of petroleum Geologists (APPG) under the banner of GeolIndia 2018, held on August 2018 at KDMF Campus of ONGC, 9 Kaulagarh road, Dehradun, India.



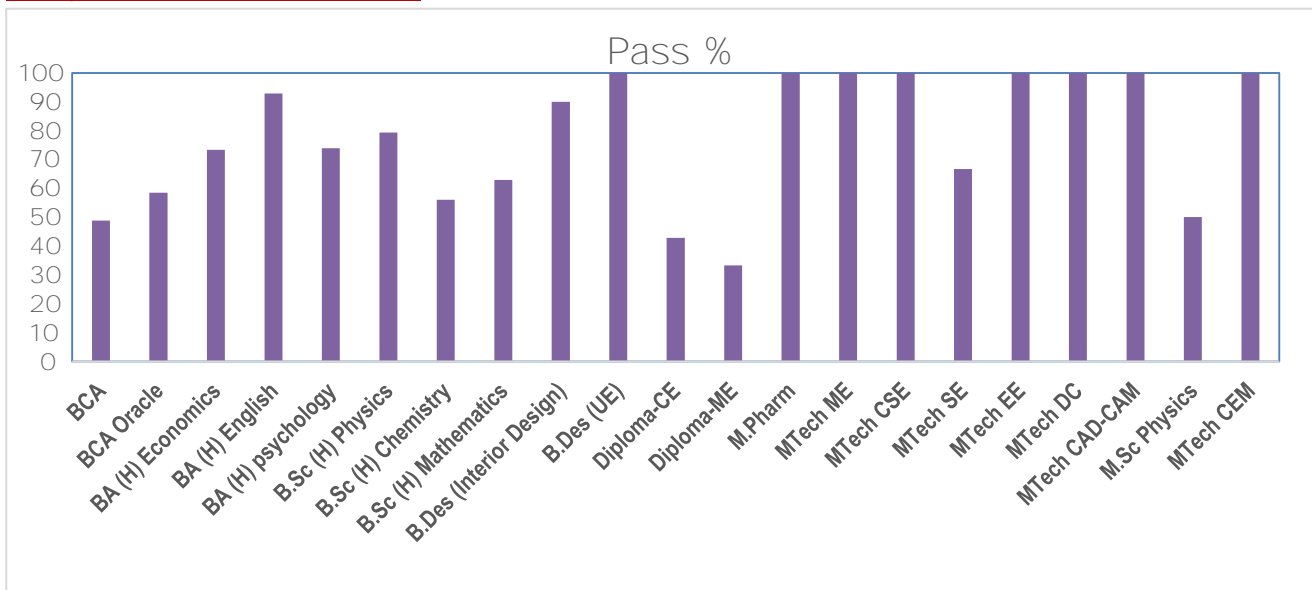


RESULT ANALYSIS

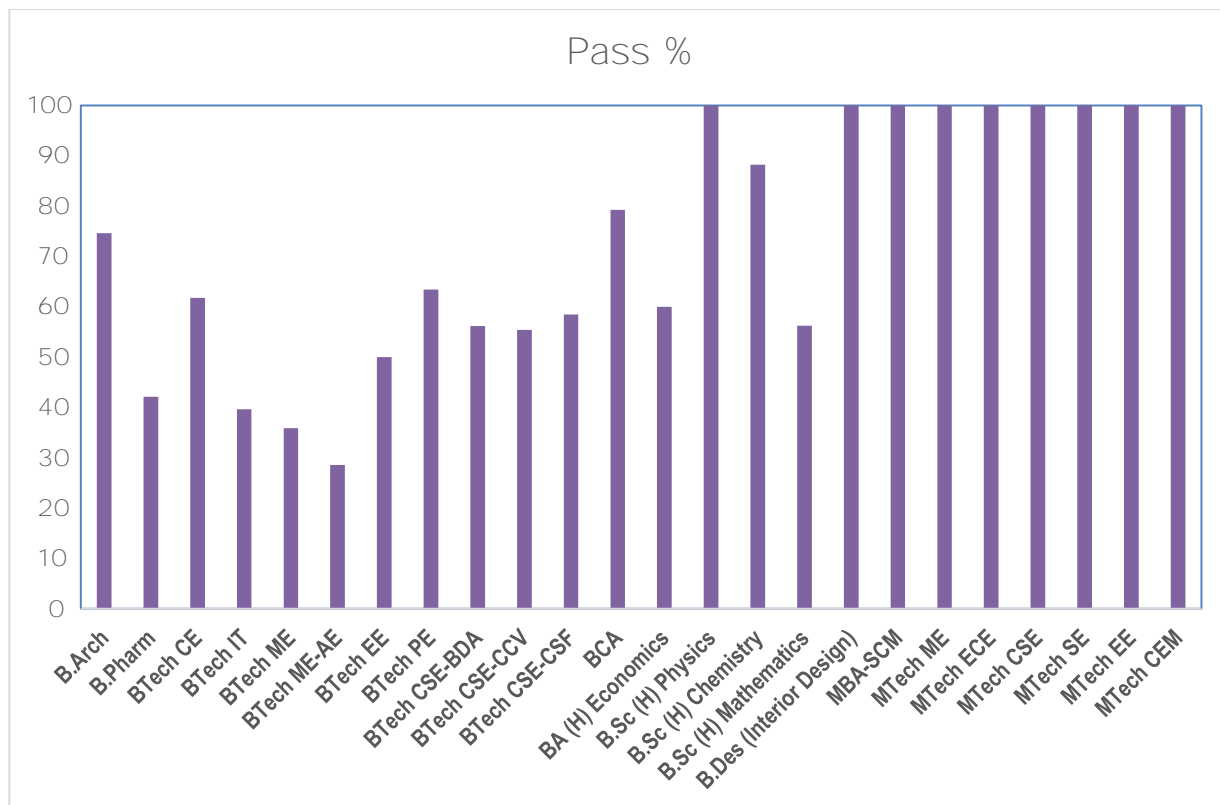
1st year Æ ODD Sem



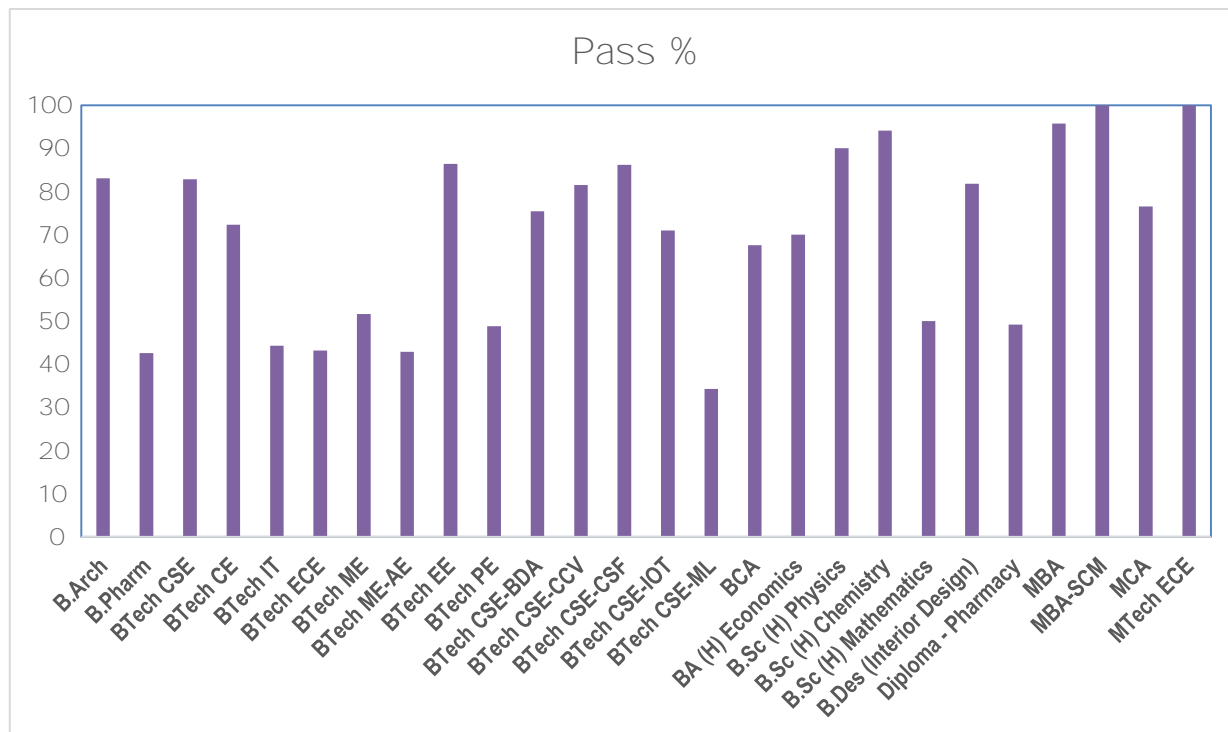
1st year Æ EVEN Sem



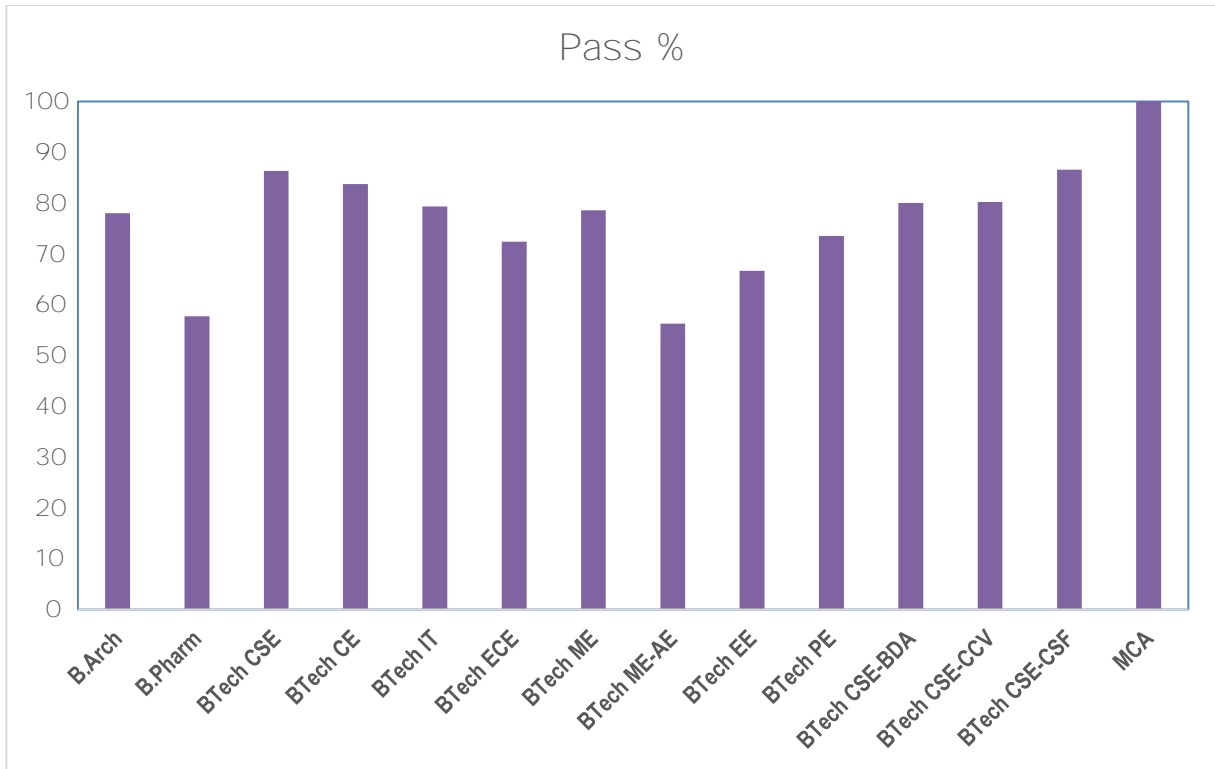
2ND year Æ ODD Sem



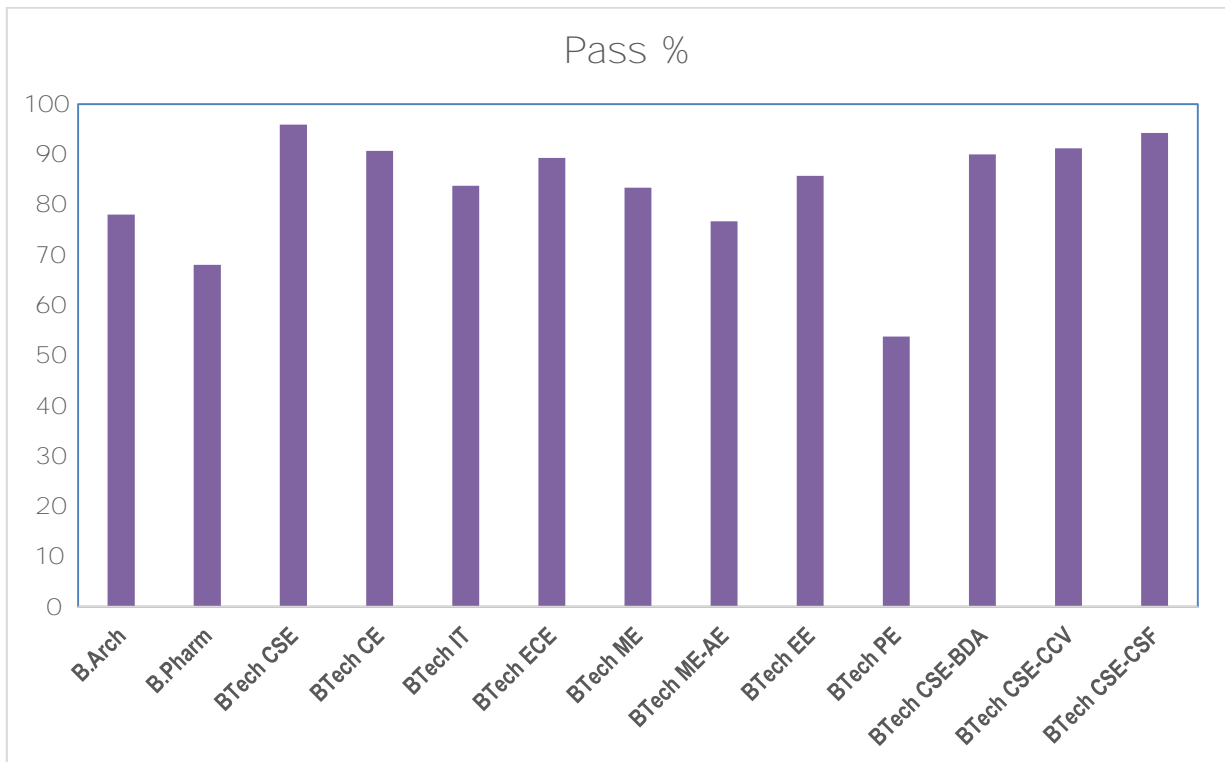
2nd yr Æ EVEN Sem



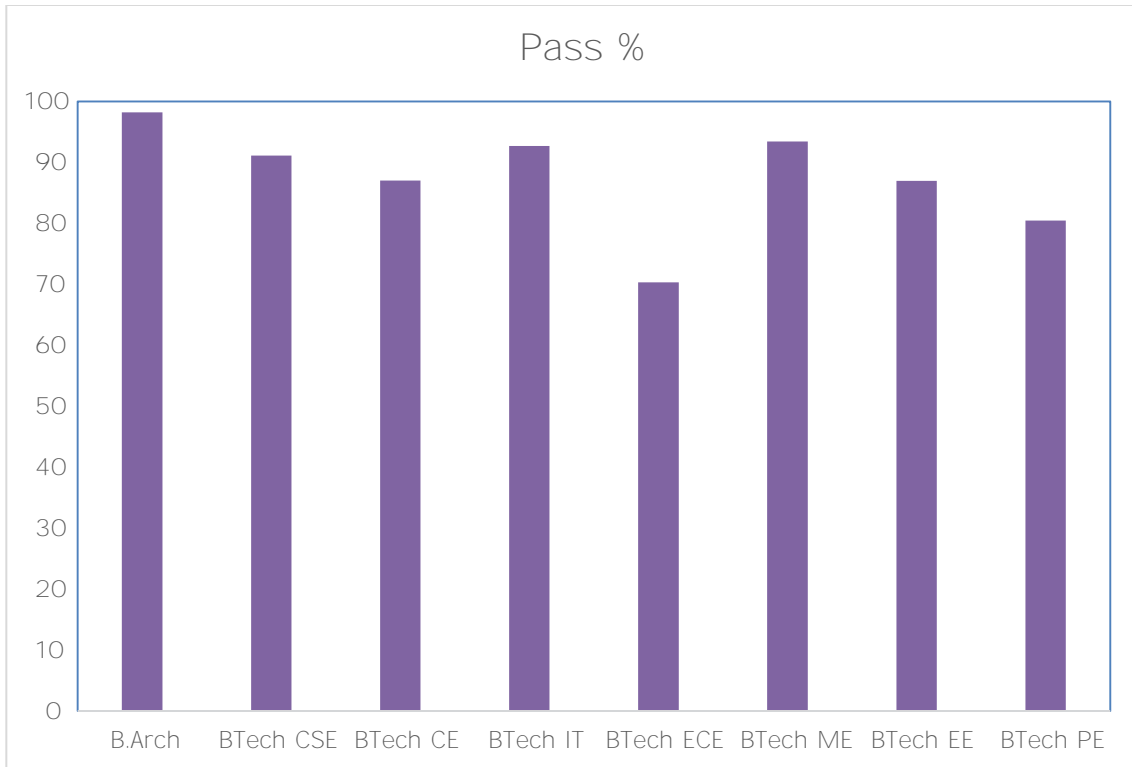
3rd year Æ ODD Sem



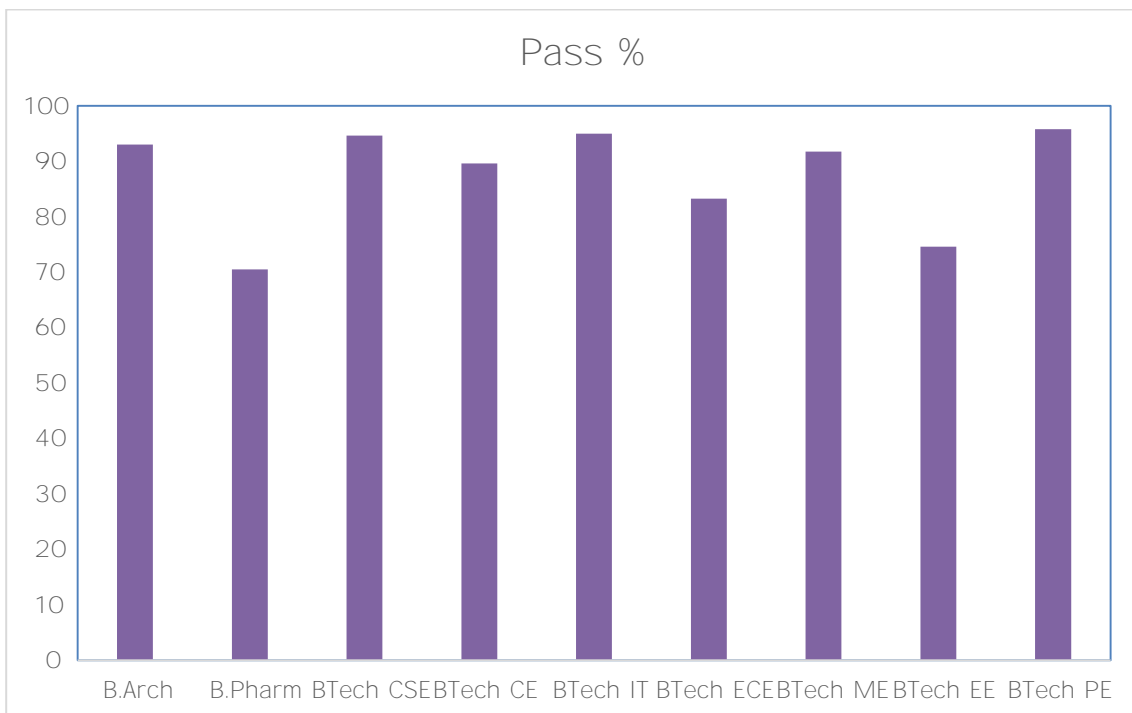
3rd year Æ EVEN Sem



4th year Æ ODD Sem



4th year Æ EVEN Sem





TRAINING & PLACEMENTS

DIT University Placement Cell continued its initiatives in career development and campus recruitment activities in the year 2018-19. The Cell has organized different activities to strengthen capacity of young talents and raise their confidence to meet the real life challenges. The Cell has organized several activities to enhance the employability and facilitate employment opportunities for the students enrolled in the university.

TOP RECRUITERS 2018

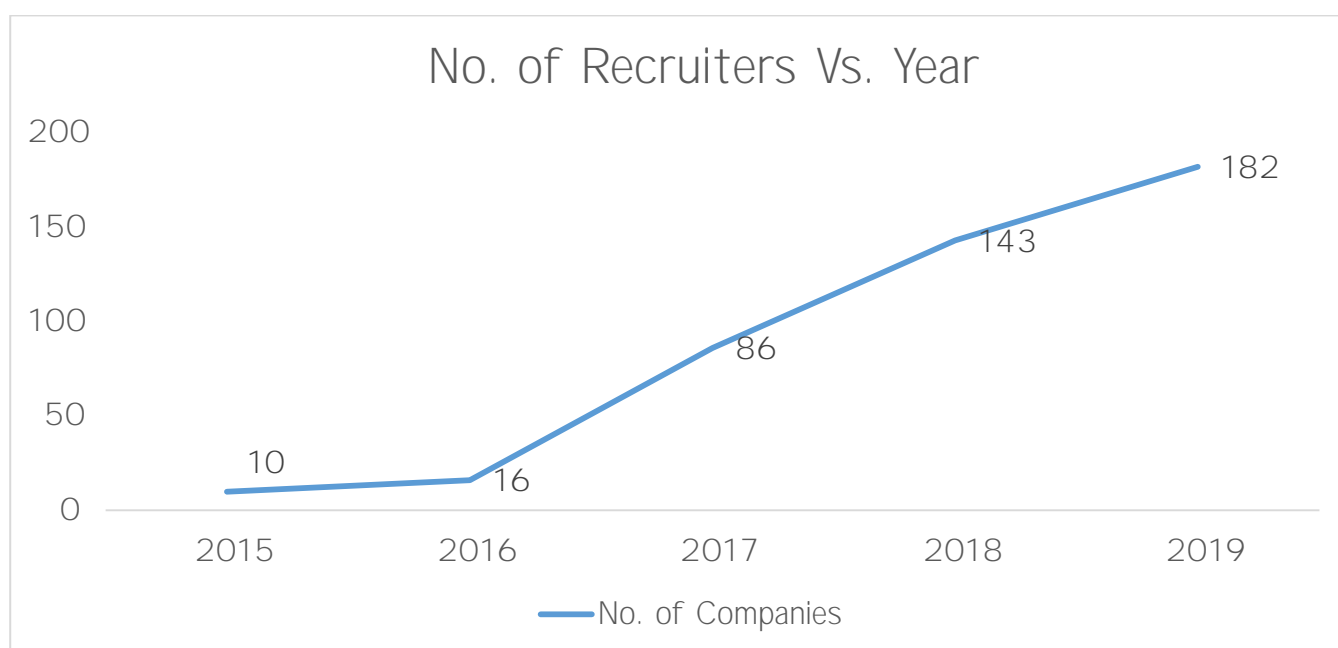


This academic year (2018-19):

- J No. of Companies visited-182
- J No. of Non-IT Companies-125
- J No. of IT Companies-57
- J Offers Generated-986 Offers

Summary of Campus Recruitment DIT UNIVERSITY

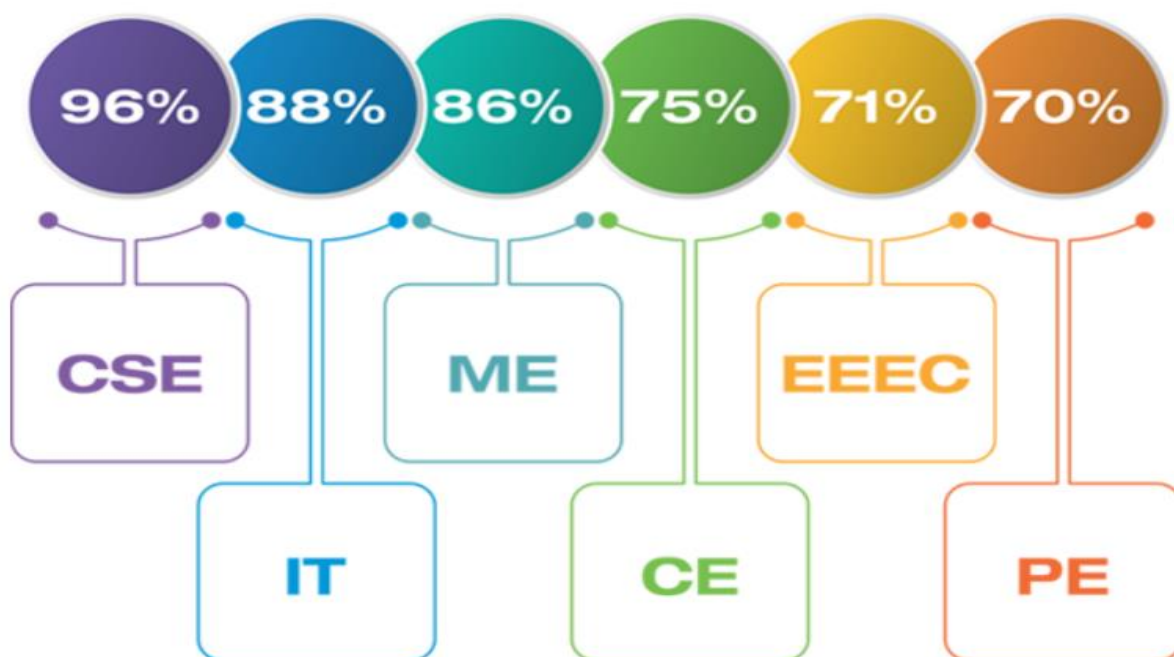
Period	No. of Selections	No. of visiting companies	No. of Recruitment Drives
201819	956	182	182
201718	1035	143	143
201617	1108	86	86
201516	55	16	16
201415	50	10	10



Career Services 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.

DIT follows a centralized placement activity which gives each branch equal opportunity to grow for sustained excellence in career through training & placement.

PERCENTAGE OF OFFERS BTECH BRANCHWISE



Companies like UNO Minda has given (**Award of Excellence for extra ordinary talent & Award of Excellence for most innovative idea**) & Secure Meter (**Vikram Award for Best Projects**):

CORPORATE AWARDS & RECOGNITIONS



Award of Excellence for Extra Ordinary Talent



Award of Excellence for Most Innovative Idea



Vikram Award for Best Projects

Campus Selection 2019:

Name of the Company	No. of Students Placed
4 Way Technologies	1
Accurate & Associate Infra Pvt. Ltd, Haridwar	2
ACROKNACKS	6
Adobe	2
Aptara Corporation PVT LTD	17
Alakrity Design Associates, Roorkee	4
ALTEUS BIOGENICS	16
Amber Group India	1

ARCOP Associates, Gurugram	2
Ashok Leyland Limited	9
BDB	5
BIS Research	1
Bosch	1
Byju's Learning App	13
Capegemini	57
Capital First	2
Carbon Design & Architecture, Florida USA	2
CauseCode Technologies Pvt. Ltd.	1
CavinKare	2
CBRI Roorkee	4
CHC LLP	6
CKTH	1
Click Labs Pvt. Ltd.	8
Cognizant	65
Cube Collective	2
Cynet Systems PVT LTD	30
Darohar	2
Dash Zambia	1
Decathlon	4
DEDE	1
DENSO	5
Design Consultant, Haridwar	2
Design O Web	7
Design Response, Dehradun	6
Des-K Art & Architecture, Dehradun, Uttarakhand	2
Dimension Architects & Designers, Paonta Sahib	4
Edifice Design Studio, Dehradun, Uttarakhand	2
Enigma Motors	2
Evolve Black Luxury Resorts	1
Extramarks	1
Feetlynch Studio, Delhi	6
Focus Energy	2
Freelancing at Dehradun	14
Gemini Solutions PVT LTD	2
Genpact.	2
GORSIA Handicrafts & Design PvtLts	2
Green Turtle Gaming Technologies	28
Gurukripa Architects, New Delhi	2
Hashedin Technology PVT LTD	1
Hexaware Technologies	1
HPE	3
Imarat Architects, Karnal	2
INDIA GUNITING CORPORATION	1

Indian Navy	1
Infogain	14
Infosys	96
Integrated Resource	8
Ittisha Digital media Pvt. Ltd.	26
IVY Comptech	2
jsw steel	1
Jubilant	2
KDMI	1
Kimia Biosciences LTD	14
Kotak	2
Libsys	1
Lybrate	2
Malik & Associates, Dehradun	6
Mason Architects, Dehradun	2
Mindtree	1
Mobilize	7
MothersonSumi Systems PVT LTD	10
Mount Meru LTD	2
Mswipe	15
Nestle India Ltd.	8
NewagelInst	2
Newgen	6
Nihilent Technologies	12
Nine Leaps Technologies Solution PVT LTD	25
Nirmal Agarwal Architects, Bilaspur	2
OjasveeIntellimationPvt Ltd.	1
Oracle	9
Pahwa Arch Tech Services, Noida	2
Panasonic Life Sciences	1
Phronesis Partners PVT LTD	29
Policy Bazar	2
Prism Johnson LTD	10
Ranjit Singh & Associates, New Delhi	2
Rate Gain Travel technologies	19
RDC	1
Reliable Automotive	2
Reliance Industries LTD	5
RESEARCH NESTER PVT. LTD.	5
RIL (M.Tech)	2
S&P Global	1
Samsung RnD	3
Secure Meter Ltd.	16
Smart Joules India PVT LTD	8
SmartData Enterprises Inc.	12

Studio for applied architecture and research Noida UP	10
SMS	2
SopraSteria	2
Sourcing Valley	6
Spectra force Technologies PVT LTD	9
SRL Diagnostics	14
Splash Math	1
Studieux Atelier, Dehradun	2
Studio Praxis, New Delhi	2
Studio Symbiosis Architects, Noida	2
Tally	1
Tata Steel	1
TCS	15
Tecomella	1
Thermax	1
Tommy Hilfiger	2
Torrent	2
Trident	1
Triumfo	2
UAS International	2
uCertify	2
Unique Design Consultants, New Delhi	2
UNOMinda LTD	4
USM	12
Vinove Software	12
Webkul	1
Wipro Technologies LTD	81
Wonder Products PVT LTD	15
WSNE	7
Yamaha	2
Youngman India	6



DIT University

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

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

Website: www.dituniversitydu.in