



SHIVALIK COLLEGE OF  
ENGINEERING, DEHRADUN

# ANNUAL REPORT 2017-18



**SHIVALIK**  
COLLEGE OF ENGINEERING

Prepared by  
Internal Quality  
Assurance Cell,  
Shivalik College of  
Engineering ,  
Dehradun



# Table of Contents

- From the Vice Chairman's Desk
- From the Director's Desk
- Vision Mission and Objectives of the College
- Statutory Approvals
- College at a Glance
- College Profile
- Awards and Recognitions
- Our Statutory Bodies
- Quality assessment and Enhancement
- Strategic Plan of the College
- Academic information
- Academic Calendar
- Academic Programmers Offered
- Research and Development
- Scholarships and Free ships for the students
- Student details
- Student Support System
- Examination
- Student training & Placements
- College Collaboration
- Students Clubs
- Events and Activities



# From Vice Chairman's Desk



**Mr. Ajay Kumar**  
(Vice Chairman, SCE)

Shivalik College was established with an aim to promote holistic education and a cultural upliftment from all perspectives to fulfill the founding vision and the mission, that we have set for ourselves.

We have a perfect blend of academics and dynamic environment to motivate everyone - the management, faculty and students to deliver their best.

We have accomplished remarkable results with our academic standards of excellence, development of students, consolidated with a strong sense of discipline. Our bounden obligation is to provide the best academic experience to our students which comes from our conviction that education is the key to the world's problems and advancement.

You, our dear students, are going to walk over this bridge called college education, which will be the defining years in your lives. It's entirely dependent upon you to make the fullest use of these years to ensure that the end of your journey with us is the start of a rewarding Phase of your life full of Satisfaction, joy and success.

As the Chairman of the organization, I expect the collaboration and participation of my faculty, management and the students and even their parents, to transform the envisioned success of the promising youngsters into reality. I guarantee to provide my total assistance to whoever requires it to fulfill Our Vision.



# From the Director's Desk



**Dr. Prabal Chakravorty**  
(Director, SCE)

In the new knowledge age, intellectual competitiveness is essential for achieving the status of a leader. For this, quality education, more so with a lot practical orientation is of paramount importance. Engineering education involves a lot of conceptual approach along with clear fundamentals & coupled with a good practical understanding to deal with real world problems effectively and efficiently.

Our message to all the young management aspirants is to be prepared for big changes, follow your inquisitiveness and passion and you will figure out a way. Striding fast on the tough road to creative transformation and transcendence, your learnings at Shivalik will become valuable mantras for you and help you inculcate the power of anticipation, the power of visualization, the power of dreaming big coupled with the rigor, resilience and agility to realize them.

Since its inception, the institute has not only grown up in its infrastructure but has also developed a lot in terms of academics and laboratories. A well-balanced curriculum, taught by qualified, skilled, and experienced faculty develops the required skills in students necessary to meet tomorrow's applications. We are in a continuous process of making our laboratories well equipped to meet the demands of the rapidly changing related engineering fields.



## VISION OF SHIVALIK COLLEGE OF ENGINEERING

To be a premier technical institution that provides experiential learning and multi-disciplinary research to develop socially responsible and competent professionals.

## MISSION OF SHIVALIK COLLEGE OF ENGINEERING

- Create an ambience that fosters a passion for learning and collaborative research and effectively disseminate knowledge between highly competent faculty and student community.
- Foster professionals, who can add value to organizations, engage in higher studies and pursue innovative entrepreneurial activities.
- Provide best in class infrastructure to facilitate experiential learning in cutting edge technologies.
- Develop leaders who exhibit ethical behavior in professional and societal activities

## QUALITY POLICY

Shivalik College of Engineering (SCE) is committed to achieve the stakeholder's satisfaction by providing technical education in different streams inculcating leadership qualities among the students with sound academic growth through consistent use of modern teaching processes with ultramodern teaching aids. Our goal is to exceed stakeholders' expectations by implementing of Quality Management System and by providing the best value to the students for their time & money. Shivalik College of Engineering shall strive for continual improvement in meeting statutory and regulatory requirements timely.



SHIVALIK COLLEGE OF  
ENGINEERING, DEHRADUN

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# STATUTORY APPROVALS

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Approval by AICTE



Recognition by VMSBUTU



## COLLEGE AT A GLANCE

**Year of Establishment - 2008**

**Campus Area Approx.  
7.5 acres**

**No of Programmes - 05  
UG, 03 Diploma**

**No of Students - 565 UG**

**No of Hostels - 03**

**No of Staff Quarters - 02**

**No of Books in Library: 31000**

**No of smart classes: 27**





SHIVALIK COLLEGE OF  
ENGINEERING, DEHRADUN

# COLLEGE PROFILE

The Shivalik College strives to be a vital community for academics, students, staff, alumni and researchers, working together in a symbiotic spirit of cooperation, innovation and enterprise for a better world. Our excellence in research and teaching makes Shivalik, one of the Best Engineering Colleges in Dehradun and highly ranked among the Top Engineering Colleges In India



The institution was established back in 2008 under the Rijan Educational Society, a non-profit organization that solely aims to mobilize world-class education and generate resources for providing and supporting quality education for all, with the vision for a better tomorrow. Founded by a visionary educationalist, Mr. Sunil Kumar, to serve the needs of the local community and contribute to the constantly growing need for educating the nation with fervor and patriotism. Today, after more than 14 years of selfless service to the country and the community Shivalik College has been the flagship institution of Uttarakhand, and we still continue to be in the service of the country and society. Shivalik College of Engineering, affiliated to Uttarakhand Technical University is ranked among the Best B Tech Colleges In India. The College Of Pharmacy is affiliated to Uttarakhand Board of Technical Education Roorkee (U.B.T.E.R for its Polytechnic course of Diploma in Engineering. We are a leading Indian Institution offering its students a unique amalgamation of professional and academic excellence. We are recognized by renowned organizations like the All-India Council for Technical Education (AICTE) and Ministry of Education (MoE).





## Physical Facilities

Green campus on 11 acres of land.  
42 class rooms, 80 plus laboratories,  
computer labs, Digital lecture halls with  
seating capacity of 150 each.  
Facilitates residential campus for both  
boys and girls in total of 03 hostels.  
Facilitates residential campus for  
faculty and staff in total of 02 staff  
quarters.  
Indoor and outdoor sports facilities for  
promoting physical fitness.



## IT INFRASTRUCTURE

The system consists of a fibre-optic cable  
network linking more than 1500 LAN, 111  
Wi-Fi points; and more than 1600  
computers catering to smooth functioning  
of the organization.  
ICT device such as multimedia projector  
and smart TVs and Wifi facility.  
An ERP Server, a thin client; leased line  
system and cyber security tools.



## Library as a Learning Resource Centre

Almost 5000 titles and 41,000  
volumes of books  
Library Online Journal (DelNet), E-  
books, NPTEL Videos and Newspapers  
are available with daily updated job  
Alert Clipping  
Area of 541sq. mt. with a seating  
capacity of 120 students at a time.  
9 am to 11pm Summer timing and 8am  
to 10pm Winter Timing.  
Updated GATE, PSUs and other  
competition books.  
National and International Journals  
(Hard Bound)  
Bibliography Collection of former  
President of India Dr.A.P.J. Abdul  
Kalam.



### **Dr. A.P.J. Abdul Kalam Learning Resource Center**

In furtherance of the legacy of Dr. APJ Abdul Kalam, Shivalik College of Engineering has developed a Learning Resource Centre in its campus and has named it “Dr. A.P.J. Abdul kalam, the greatest human being of our time. Hon’ble Chief Minister of the State inaugurated the library and was highly impressed by the institution’s effort to bring about the necessary changes in the field of education.



### **Student Facilitation Centre (SFC)**

The university has an established system (SFC) to support the activities of students. University supports via scholarships, university fund and offer students with career-oriented value-added courses. Cells for Anti-ragging, Woman's grievances redressal, Sexual harassment and other grievance redressal committees have been constituted by the university. The induction programme is designed in order to help students understand the university and its framework. Bridge courses are conducted for slow on uptake learners to bridge the gap between the subjects and help them gain expected skills needed for the core academic outcome. The sports officer is appointed to supervise the students at different sport activities.



# AWARDS AND RECOGNITIONS

01

## **RANKED NO.2 IN UTTARAKHAND**

Among Top 50 Private Engineering Institutes on Placements by Times Engineering Survey 2017

02

## **RANKED NO.4 IN UTTARAKHAND**

Among India's top 150 Engineering Colleges for Academic Excellence by Outlook 2016

03

## **FIRST COLLEGE IN DEHRADUN**

To be awarded with Vest Industry Interface award b CMAI, AICTE AND UTU

04

## **A.P.J ABDUL KALAM LEARNING RESOURCE CENTER**

First College in India to dedicate a Fully Modern and well Stocked Learning Resource Center to the former President of India

05

## **RANKED NO.2 IN UTTARAKHAND**

Among Private Engineering College All India by the Week, Hansa Research Survey 2018

06

## **RANKED 13TH**

Among Best Private Institute in North India by Times Engineering, The Times of India 2017



# OUR SATUTORY BODIES

## THE BOARD OF GOVERNORS

The BOG reviewed the academic, extension and financial budget activities and also issued direction for further strengthening.

### BOG COMPOSITION IS AS FOLLOWS:

Pro. (Dr.) Akshay Dwivedi, Professor, Dept.of ME, IIT Roorkee (UK)  
Mr.Ajay Kumar, Secretary-Rijan Educational Society and Vice Chairman SCE  
Prof. (Dr.) Manoj Mishra, Professor, Dept of CSE, IIT Roorkee (UK)  
Mr. Sunil rai, Vice Chancellor-UPES  
Pro. (Dr.) Ramkaran Singh, Vice Chancellor-ICFAI University  
Pro. (Dr.) Raj Agnihotri, Dean's Fellow in Marketing and Director of Professional Sales Forum (Lowa State University)  
Pro. (Ret.) Satya Prakash Shrivastava, Professor, (Retd.) Dept of EE, IIT Roorkee (UK)  
Pro. (Dr.) Millie Pant, Professor,IIT Roorkee, Saharnpur campus  
Pro. (Dr.) Raksha Sharma, Assistant Professor, Dept of CSE, IIT Roorkee (UK)  
Dr. Vishal Ramola, Professor, Dept of ECE, Uttarakhand Technical University(UK)  
Pro. (Dr.) Prabal Chakravorty Director, Shivalik College of Engineering  
Pro. (Dr.) U.C. Gupta, Professor, Shivalik College of Engineering

## THE BOARD OF MANAGEMENT

### BOG COMPOSITION IS AS FOLLOWS:

Mr. Ajay Kumar, Secretary, Rijan Educational Society and Vice Chairman SCE  
Pro. Dr. Prabal Chakravorty ,Director, Shivalik College of Engineering  
Pro. (Ret.) Satya Prakash Shrivastava, Professor, (Retd.) Dept of EE, IIT Roorkee (UK)



# ACADEMIC COUNCIL

## (VEER MADHO SINGH BHANDARI UTTARAKHAND TECHNICAL UNIVERSITY)

The Academic Council shall be the principal academic body of the University and shall, subject to the provisions of this Act and the Regulations, have the control and general regulation of, and be responsible for the maintenance of standard of instruction, education and examinations in the University and shall exercise such other powers and perform such other duties as may be conferred or imposed upon it by the Regulations and may advise the Executive Council on all academic matters.

### THE ACADEMIC COUNCIL SHALL CONSIST OF THE FOLLOWING MEMBERS NAMELY:-

- The Vice-Chancellor -Chairman
- The Pro-Vice-Chancellor (if any) -Member.
- Five such Principals of colleges who are not members of the Executive Council -Member.
- One Head of the Department of the University of Agriculture and Technology, Pantnagar, nominated by the Vice-Chancellor of that university.
- One head of the Department of Member the Indian Institute of Technology, Roorkee, nominated by the Director of that Institute.



# ACADEMIC ADVISORY COMMITTEE (AAC)

The Academic Advisory Committee is functioning at the level of institute, which is responsible for smooth functioning and monitoring of all academic activities.

The composition of the Institute Academic Advisory Committee (AAC) is:

SNo	Name	Designation	Responsibility
1.	Dr. D.P. Gupta	Director	Chairman
2.	Dr. Kuldeep Panwar	Dean, Quality Assurance	Coordinator
3.	Mr. Surmadhur Pant	Dean, Student Welfare	Member
4.	Mr. Ayushman Srivastav	Head, Quality Assurance	Member
5.	Dr. Ashutosh Bhatt	HOD, Computer Science & Engineering	Member
6.	Dr. Umesh Chandra Gupta	HOD, Applied Sciences, COE	Member
7.	Mr. Ajay Verma	HOD, Mechanical Engineering	Member
8.	Mr. Mohit Payal	HOD, Electronics & Communication Engineering	Member
9.	Mr. Kuldeep Godiyal	HOD, Electrical & Electronics Engineering	Member
10.	Mr. Anand Kemwal	HOD, Civil Engineering	Member
11.	Mr. Ranjan kumar	Student	Member
12.	Mr. Tarang Saxena	Alumni	External member
13.	Mr. Diwesh Pandey	Industry, IBM	External member





# QUALITY ASSESSMENT AND ENHANCEMENT

## OBJECTIVES

- To develop a system for conscious, consistent improvement in overall performance of the colleges.
- To promote measures for institutional functioning towards quality enhancement through bench-marking, national and international quality culture and institutionalization of best practices.

## OUR STRATEGIES

- Quality relevant academic/ research programmes.
- Ensuring timely, efficient and progressive performance of academic, administrative tasks.
- Optimization and integration of modern methods of teaching and learning.
- Ensure credibility and reforms for assessment and evaluation process.
- Ensuring the adequacy, and maintenance an of quality records.

SNo	Name	Designation
1	Dr. Kuldeep Panwar	Dean, Quality Assurance
2	Mr. Ayushman Srivastav	Head, Quality Assurance



# QUALITY ASSESSMENT AND ENHANCEMENT

## PURPOSE

The Primary aim of the IQAC is to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.

## SCOPE

IQAC shall evolve mechanisms and procedures for:

- Ensuring timely, efficient and progressive performance of academic, administrative tasks.
- The relevance and quality of academic and research programmes
- Equitable access to and affordability of academic programmes for various sections of society
- Optimization and integration of modern methods of teaching and learning process.
- The credibility of evaluation procedures.
- Ensuring the adequacy, maintenance and functioning of the support structure and services.
- Research sharing and networking with other institutions in India and abroad.

## FUNCTIONS

- Development and application of quality benchmarks/parameters for the various academic and administrative activities of the institution.
- Dissemination of information on the various quality parameters of higher education.
- Organization of workshops, seminars on quality related themes and promotion of quality circles.
- Documentation of the various programmes / activities leading to quality improvement.
- Acting as a nodal agency of the institution for quality-related activities.
- Quality Assurance Report (QAR) to be submitted to NBA/NAAC based on the quality parameters.



# IQAC COMPOSITION

SNo	Name	Designation	Responsibility
1.	Dr. Prabal Chakravorty	Director	Chairman
2.	Dr. Kuldeep Panwar	Dean, Quality Assurance	Member Secretary
3.	Mr. Surmadhur Pant	Dean, Student Welfare	Member
4.	Mr. R. S. Bhandari	Registrar	Member
5.	Mr. Ayushman Srivastav	Head, Quality Assurance	Member
6.	Dr. Ashutosh Bhatt	HOD, Computer Science & Engineering	Member
7.	Dr. Umesh Chandra Gupta	HOD, Applied Sciences, COE	Member
8.	Mr. Ajay Verma	HOD, Mechanical Engineering	Member
9.	Mr. Mohit Payal	HOD, Electronics & Communication Engineering	Member
10.	Mr. Kuldeep Godiyal	HOD, Electrical & Electronics Engineering	Member
11.	Mr. Anand Kemwal	HOD, Civil Engineering	Member
12.	Mr. D. N. Joshi	Librarian	Member
13.	Mr. Rohit Kr Singh	System Manager	External member
14.	Mr. Divyanshu Dimri	Student Representative	Member



# IQAC COMPOSITION

SNo	Name	Designation	Responsibility
15.	Ms Shivali Bahukhandi	Student Representative	Member
16.	Ms..Kavita joshi	Alumni	External member
17.	Mr. Vipin Uniyal	Alumni	External Member
18.	Mr. Manish Joshi	Alumni	External Member
19.	Mr.Diwesh Pandey	Industry,( R& D Engineer, IBM)	External member
20.	Mrs. Meghna Negi	Industry Representative ( Engineer, Arista)	External member



# COLLEGE STRATEGIC PLAN

## Objective 1

To be recognized for quality education and extensive integration across engineering disciplines through effective teaching & learning process.

## Objective 2

Students & Faculty development & participation by providing a world class campus based educational experience.

## Objective 3

To benchmark and standardize various processes and policies to get accreditation from statutory bodies.

## Objective 4

Research & Development : To provide institutional research funding to the faculty to do initial quality research and prepare quality research proposals for possible funding.



# ACADEMIC CALENDARS

Academic Calendar for 2017-18 by Veer Madho Singh Bhandari  
Uttarakhand Technical University

## UTTARAKHAND TECHNICAL UNIVERSITY, DEHRADUN ACADEMIC CALENDAR For B.Tech/B.Pharm/B.H.M.C.T/M.B.A/M.C.A/M.Tech/M.Pharm ACADEMIC SESSION-2017-18

Events & Description	Dates / Day
Online Admission Process for B.Tech First Year (Registration, Counseling and Admission in Allotted Colleges)	First Round Counseling 26 June, 2017 to 10 July, 2017
	Second Round Counseling 17 July, 2017 to 29 July, 2017
Counseling and Admission Process for M.Tech 1 <sup>st</sup> Year/MBA/M.Pharm/MCA/MCA (Lateral Entry)	First Round Counseling for GATE Qualified Candidates 01 July, 2017
	Entrance Exam /Non. GATE /GPAT/NET/GMAT/CAT/MAT Qualified Candidates 03 July, 2017 / 10 July, 2017 and 11 July, 2017
	Second Round Counseling for GATE /GPAT/NET/GMAT/CAT/MAT and Non GATE /GPAT/NET/GMAT/CAT/MAT Qualified Candidates 18 July, 2017
Admission Process for B.Tech / B.Pharm Second Year (Lateral Entry), B.Pharm, B.H.M.C.T, B.Arch, First Year (Registration, Counseling and Admission in Allotted Colleges)	Counseling for UKSEE 2017-18 Session 12 July to 17 July, 2017
Second Counseling and Admission Process for B.Tech (Lateral Entry)/B.Pharm/ BHMCT/ B.Arch/ M.Tech 1 <sup>st</sup> Year/ MBA/ M.Pharm/ MCA/ MCA (Lateral Entry)	30 July to 01 August, 2017
<b>AUTUMN SEMESTER (For I, III, V and VII Semesters)</b>	
Commencement of Classes Session 2017-18	1 <sup>st</sup> August 2017 (Tuesday) for B.Tech, B.Pharm, BHMCT, MCA 8 <sup>th</sup> August 2017 (Tuesday) for M.Tech, M.Pharm, LLB, LL.M, B.Ped, M.Ped, MBA
Independence Day	15 <sup>th</sup> August 2017 (Tuesday)
Krishna Janmashtmi	15 <sup>th</sup> August 2017 (Tuesday)
*Id-ul-Zuha (Bakrid)*	2 <sup>nd</sup> September 2017 (Saturday)
Teachers Day	5 <sup>th</sup> September 2017 (Tuesday)
Online Registration For Old Students.	01 <sup>st</sup> Sept. to 14 <sup>th</sup> September 2017
Online Registration for Newly Admitted Candidates	15 <sup>th</sup> Sept. to 30 <sup>th</sup> Sept. 2017
World Literacy Day	8 <sup>th</sup> September 2017 (Friday)
Engineers Day	15 <sup>th</sup> September 2017 (Friday)
Submission of Student Attendance Detail to University Before Class Test-I	25 <sup>th</sup> September 2017
Class Test-I	26 <sup>th</sup> to 28 <sup>th</sup> September 2017
Dussehra (Vijaya Dashmi)	30 <sup>th</sup> September 2017 (Saturday)
Muharram	1 <sup>st</sup> October 2017 (Sunday)





# ACADEMIC CALENDARS

Academic Calendar for 2017-18 by Veer Madho Singh Bhandari  
Uttarakhand Technical University

Mahatma Gandhi's Birthday	2 October 2017 (Monday)
Mahirshi Valmiki Birthday	5 <sup>th</sup> October 2017 (Thursday)
Technical Festival (Student R&D Activities)	13 <sup>th</sup> October to 15 <sup>th</sup> October 2017
Diwali (Deepawali)	19 <sup>th</sup> October 2017 (Thursday)
Govardhan Puja	20 <sup>th</sup> October 2017 (Friday)
Bhaiya Duj	21 <sup>st</sup> October 2017 (Saturday)
Sports Meet/ Cultural Meet	1 <sup>st</sup> Nov. to 3 <sup>rd</sup> November 2017
University Convocation	Proposed in November 2017
Guru Nanak Birthday	4 <sup>th</sup> November 2017 (Saturday)
Submission of Student Attendance Detail to University Before Class Test-II	18 <sup>th</sup> November 2017
Class Test-II	20 <sup>th</sup> to 23 <sup>th</sup> November 2017
Guru Tegbahadur Sahidi Divas	24 <sup>th</sup> November 2017
Online filling of Examination form of Registered Students	20 <sup>th</sup> to 25 <sup>th</sup> November 2017
Online payment of Exams Fee to the University	27 <sup>th</sup> to 29 <sup>th</sup> November 2017
Examination Committee Meeting	29 <sup>th</sup> November 2017 (Wednesday)
Admit Cards Download	28 <sup>th</sup> to 2 <sup>nd</sup> December 2017
End of Classes	2 <sup>nd</sup> December 2017 (Saturday)
Declaration of Theory Examination Schedule on University Website with Examination Centers	1 <sup>st</sup> December 2017 (Friday)
Meeting with Observers/CS/ACS	2 <sup>nd</sup> December 2017 (Saturday)
Filling of the Sessional Marks Through Online Portal to the University	4 <sup>th</sup> to 12 <sup>th</sup> December 2017
Practical Examination	4 <sup>th</sup> to 11 <sup>th</sup> December 2017
Start of Semester Theory Examination	12 <sup>th</sup> December 2017 (Tuesday)
Christmas Day	25 <sup>th</sup> December (Monday)
Result Declaration	February 2017
Last date for filling grievances, Demanding the photocopies of answer scripts within 10 days from the date of the declaration of the results	
Request for Re-Evaluation/ Re- Checking	Within 10 days from the date of the declaration of the results
Unfair Means Committee Meeting (UFM Meeting)	Within 10 days after the end of Semester theory Examination
Distribution of Marksheet	Within one Month after declaration of results
R.D.C Dates of Different Streams in Ph.D	See University Website

## Note-

- The Institute should ensure that at least two class test are conducted after completing 1/3<sup>rd</sup> and 2/3<sup>rd</sup> syllabus respectively. All students will be required to appear in both first & Second class test. If for any reason beyond the controls of student, such as illness, tragic incident in family, the student fail to appear in any test, it will be the responsibility of principal/ Director of institute to conduct class test for such students. However if the student has fail to appear in first class test, his left over class test will be conducted before the second class test, and in case of second class test at least one month before the starting of the concerned end theory examination.
- The Director/ Principal of the respective institute has to ensure 75% attendance requirement before allowing the student to fill up the examination form.  
\* Subject to change on visibility of moon.



# COLLEGE ACADEMIC CALENDAR FOR 2017-18



## ACADEMIC CALENDER

Odd Semester

Session:- 2017-18

S.No.	Particulars	Date
1.	Date of Reporting and Registration for the Academic Session for (2 <sup>nd</sup> , 3 <sup>rd</sup> & 4 <sup>th</sup> year)	01-Aug-2017
2.	Commencement of classes for Odd Sem AY 2017-18 (3 <sup>rd</sup> , 5 <sup>th</sup> , 7 <sup>th</sup> sem)	01-Aug-2017
3.	Orientation Programme of the First Year	16-17 Aug-2017
4.	Commencement of classes for Odd Sem AY 2017-18 (BTech 1st Year)	18-Aug-2017
5.	TPC Orientation Program for 1 <sup>st</sup> year	22-Aug-2017
6.	Display of attendance	01-Sept-2017
7.	Fresher's Party	09-Sept-2017
8.	First Internal Examinations	06-09 Oct 2017
9.	Display of attendance	03-Oct-2017
10.	UTU Technical Festival (Student R&D Activities)	13-15 Oct 2017
11.	UTU Sports Meet/ Cultural Meet	Proposed in November 2017
12.	Online filling of Examination form of Registered Students	20-25 Nov 2017
13.	Inter College Level project Competition	25-26 Nov 2017
14.	Display of attendance	30-Nov-2017
15.	Second Internal Examinations	01-04 Dec 2017
16.	End of Classes* (UTU Calendar date)	2 December 2017
17.	Course Exit Survey (By subject Faculty)	At the end of each course
18.	UTU Practical Examination*	4-11 Dec 2017
19.	Start of Odd Semester Theory Examination*	12th Dec 2017 onwards

\* May be revised as per UTU schedule

(Director)



# COLLEGE ACADEMIC CALENDAR FOR 2017-18



## ACADEMIC CALENDER

Even Semester

Session:-2017-18

S.No.	Particulars	Date
1.	Date of Reporting and Registration for the Academic Session for (2 <sup>nd</sup> ,4 <sup>th</sup> ,6 <sup>th</sup> ,8 <sup>th</sup> sem)	29-Jan-2018
2.	Commencement of Academic Session (Even) 2017-18 and Class for B.Tech	30-Jan-2018
3.	First Internal Examinations	12-16 Mar 2018
4.	Display of Attendance	31-Mar-2018
5.	Shivafest	
6.	Display of Attendance	30-April 2018
7.	Second Internal Examinations	7-11 May 2018
8.	Online filling of Examination form of Registered Students	7May-12 May 2018
9.	End Of Classes	10-May-2018
10.	Course Exit Survey(By subject Faculty)	To be filled at the end of each course
11.	Program Exit Survey for outgoing students(By HOD)	To be filled at the end of semester
12.	UTU Practical Examination*	14-19 May 2018
13.	Start of Even Semester Theory Examination*	21 May Onwards

\*May be revised as per UTU schedule

(Director)



# ACADEMIC PROGRAMMES OFFERED

Sr.No.	Programme	Duration
1.	<p>B.Tech. in</p> <ul style="list-style-type: none"><li>• Computer Science &amp; Engineering</li><li>• Mechanical Engineering</li><li>• Civil Engineering</li><li>• Electronics and Communication Engineering</li><li>• Electrical &amp; Electronics Engineering</li><li>• B. Tech (Lateral Entry) in all above B. Tech Programmes</li></ul>	<p>04 Years</p> <p>03 Years</p>
2.	<p>Diploma in</p> <ul style="list-style-type: none"><li>• Computer Science &amp; Engineering</li><li>• Mechanical Engineering</li><li>• Civil Engineering</li><li>• Electrical &amp; Electronics Engineering</li></ul>	<p>03 Years</p>



# STUDENTS SUPPORT SYSTEM

## Student Facilitation Centre (SFC)

SFC aims to provide comprehensive services under one roof to the students of Shivalik College and to cater the need for a one stop solution for all the academic and non-academic inquiries and grievances.

The centre has been set up with the purpose to build, maintain and coordinate academic and administrative support to students through both (offline and online) mode.

MOTTO: "Your Satisfaction our Priority"

- To ensure a fair, impartial and consistent mechanism for redressal of varied issues faced by the students.
- To develop a responsive and accountable attitude among the stakeholders, thereby maintaining a harmonious atmosphere in the campus.
- To ensure grievances are resolved promptly, objectively and with sensitive and proper assistance is levied to all students.

## Student Support Committees

- Anti-Ragging Committee
- Cultural and Students Activities Committee
- Students Grievance Redressal Committee
- Students Disciplinary Committee

## Other Committees of College

- Caste Based Atrocities Redressal (SC/ST)
- Committee Faculty and Staff Grievance Redressal Committee
- Internal Complaint Committee (ICC)



# STUDENTS SUPPORT SYSTEM

## Examination Committee (EC)

Examination committee (EC) is the main committee for the examination. The constitution of Examination committee (EC) is as follows:

- a) The Director as Chairman
- b) The Controller of Examinations (COE) as Member Secretary
- c) The Assistant Controller of Examinations ( Faculty Member) as member

## Roles and Responsibilities of Examination committee (EC)

1. The major responsibility of Examination committee (EC) is to ensure the proper conduct of examination viz. paper setting, Date-sheet preparation, Post and Pre- examination work.
2. Examination committee (EC) shall recommend examination reforms and shall implemented them after due approvals.
3. Examination committee (EC) shall approve the prepared detailed time table (Date Sheet) of examinations by Examination Department.
4. The Examination committee (EC) shall arrange for strict vigilance during the conduct of examination so as avoid use of unfair means by the students, faculty and invigilators.
5. For any meeting of Examination committee (EC), one-third members shall constitute a quorum.
6. The members of Examination committee (EC) shall meet at least twice during the academic year and at other times as and when necessary.

## ANNOUNCEMENT OF RESULTS

The results of the End Semester Examinations (Odd & Even semesters) 2017-18 were announced by VMBUTU in month of february 2018 & last week of june 2018.





# ANNUAL REPORT OF UNIVERSITY EXAMINATION

Sr. No	Programme	Year	No. of candidates Appeared	No. of candidates Passed	Pass Percentage
1	Computer Science & Engineering	4	43	39	90.70
2	Mechanical Engineering	4	57	52	91.23
3	Civil Engineering	4	72	69	95.83
4	Electrical & Electronics Engineering	4	23	21	91.30
5	Electronics and Communication Engineering	4	14	12	85.71
6	Computer Science & Engineering	3	47	47	100.00
7	Mechanical Engineering	3	57	57	100.00
8	Civil Engineering	3	75	75	100.00
9	Electrical & Electronics Engineering	3	23	23	100.00
10	Electronics and Communication Engineering	3	11	11	100.00



# ANNUAL REPORT OF UNIVERSITY EXAMINATION

11	Computer Science & Engineering	2	66	66	100.00
12	Mechanical Engineering	2	52	52	100.00
13	Civil Engineering	2	69	69	100.00
14	Electrical & Electronics Engineering	2	23	23	100.00
15	Electronics and Communication Engineering	2	15	15	100.00
16	Computer Science & Engineering	1	42	42	100.00
17	Mechanical Engineering	1	21	21	100.00
18	Civil Engineering	1	22	22	100.00
19	Electrical & Electronics Engineering	1	5	5	100.00
20	Electronics and Communication Engineering	1	15	15	100.00



# STUDENT TRAINING AND PLACEMENTS

## Directorate of Training and Placement (DOTP)

Shivalik Training Academy has been established with the specific mission for providing students with innovative industrial training solutions in the entire core engineering branches to enhance their professional ability and prospects of the employment for a successful career.

## Shivalik Training Academy

Activity Based Communicating Skills for 1st Year @ 2 hours/week

Professional Training @6hrs/ week for 2nd, 3rd and 4th years

Soft Skills Training by the experts/ external trainers @ 4hrs/week

Personality Development Training @ 2hrs/week

Weekend GATE preparatory capsules (for outstanding students)

Weekly Quizzes

Sr. No	Programme	Total Students	Total Placed	Placed %
1	Computer Science & Engineering	43	39	91
2	Mechanical Engineering	59	38	65
3	Civil Engineering	72	41	57
4	Electronics and Communication Engineering	14	10	72
5	Electrical & Electronics Engineering	23	20	87



# RECRUITERS 2017-18

Sr. No	Recruiting Organization	Package (LPA)
1	Byjus	10
2	PlanetSpark	6.6
3	Jaro Education	6.6
4	Paperpedia	6
5	Technook	6
6	EPAM	6
7	TUV SUD South Asia Private Limited	6
8	Intellipat	5.54
9	Learning Routes	5.35
10	Hike Education	5.58
11	Insemi	5
12	Binary Semantics	5
13	Daffodil	5
14	Atos Syntel	5
15	Josh Technologies	5
16	BeboTechnologies	4.30
17	Hitachi	4
18	Rubico IT	4
19	Vinove software	4.20

20	Kellton Tech	4
21	Dayal Group	4
22	TCS	3.36
23	Super Trust	3.60
24	CFCS	3.25
25	Indigo paint	3.25
26	Cloud analogy	3.50
27	Wipro Technologies	3.50
28	Witty Brains	3
29	ITC	3
30	Infosys	3.60
31	Wishfin	3.17
32	Skolar	3
33	Vivo Mobile India	3.60
34	R Systems	3.60
35	Rapid Soft	3.60
36	Panasonic	3.25
37	Nature Bio Food	3



SHIVALIK COLLEGE OF  
ENGINEERING, DEHRADUN

# COLLEGE COLLABORATIONS



**Value addition Certification**  
IIT, Mumbai (FOSS)



**DELL (EMC)**  
Center of Academic excellence



**COE with BMW** German  
automobile company



**Dedicated**  
**Entrepreneurship**  
**Development cell in**  
**association with**  
**NIESBUD, Ministry of**  
**Education**



**IBM System Centre of Excellence**  
**for Cloud Computing**



**MOU with ICT Academy for**  
**Trainings and FDPs**



**Confederation of Indian Industry**



**IIT BOMBAY**





# CAMPUS AMENITIES

- Campus spread over 20 acres with separate hostels for boys & girls.
- 24\*7 Electricity and water Supply.
- Wi-fi connectivity across the campus.
- Excellent Sports infrastructure for Football, Table /tennis, Basketball, Volleyball, Lawn Tennis and Cricket.
- Campus Maintenance and Security outsourced to Professional Agencies.
- Hygienic and nutritious Food.
- Well Equipped Modern Gymnasium.
- Access to Learning Resource Center during and after study hours.
- First-Aid facility and 24-hrs Ambulance Service.
- Bank and In-Campus ATM Facilities.
- Recreational Rooms with TV and Multimedia.
- Peaceful and Student Friendly Environment.

## Student Clubs

- SSB CLUB
- AERO-MODELING CLUB
- ROBOTICS CLUB
- FOSS CLUB
- MUSIC
- DANCE
- PHOTOGRAPHY
- THEATRE
- SPORTS