For Admission to Bachelor of Technology in
- Computer Science & Engineering
- Electronics & Communication Engineering
- Electrical Engineering
- Mechanical Engineering
महत्वपूर्ण सूचनाएँ

पाठ्यक्रम (कंबल पूर्ण अभ्यासियों के लिए)
- बी.टेक
- कम्प्यूटर साइंस एण्ड इंजीनियरिंग
- इलेक्ट्रानिक्स एण्ड कम्प्यूटर इंजीनियरिंग
- इलेक्ट्रिकल इंजीनियरिंग
- मैक्सिनिकल इंजीनियरिंग
कार्यसिलिंग शूल्क (कुलसंचय, गुरुकुल कांगडी विश्वविद्यालय, हरिद्वार के नाम बैंक ड्राफ्ट द्वारा स्वीकार)
- ₹0 5000/-

महत्वपूर्ण तिथियों के लिये विश्वविद्यालय की वेबसाइट www.gkv.ac.in का अवलोकन करें। किसी भी तिथि में परिवर्तन की सूचना विश्वविद्यालय की वेबसाइट पर ही दी जायेगी।

नोट:
1. प्रवेश हेतु मेरिट सूची कुलसंचय कार्यालय तथा अभ्यासियों का संकाय के नोटिस बोर्ड पर लगायी जायेगी। मेरिट सूची विश्वविद्यालय वेबसाइट पर भी उपलब्ध रहेगी। प्रवेश सम्बन्धी कोई भी सूचना डाक से नहीं भेजें जायेगी और वेबसाइट पर करें।
2. अभ्यासियों को प्रवेश रचना किये जाने पर तकनीकी शूल्क जमा करना होगा। तथा कार्यसिलिंग शूल्क प्रवेश शूल्क में समायोजित कर दिया जायेगा। यदि कोई अभ्यासियों के उपरांत तकनीकी शूल्क जमा नहीं करता है तो उसका प्रवेश स्वतंत्र समय जायेगा तथा कार्यसिलिंग शूल्क बाप्प से निकाला जायेगा। जिन अभ्यासियों को प्रवेश नहीं मिल पायेगा उनका कार्यसिलिंग शूल्क बाप्स कर दिया जायेगा।
3. बी.टेक, दूसरी वर्ष में सीधे प्रवेश के लिए आवेदन करने वाले अभ्यासियों को भी कार्यसिलिंग शूल्क जमा करना होगा।
रेगिंग एक दण्डनीय अपराध

गुरुकुल कांगड़ी विश्वविद्यालय में रेगिंग पूर्णतः निषेध है। भारत के माननीय उच्चतम न्यायालय के निर्देशानुसार यदि रेगिंग की कोई घटना विश्वविद्यालय प्रशासन के संज्ञान में आती है तो सम्भवित छात्र से स्पष्टीकरण देने को कहा जायेगा और यदि उसका स्पष्टीकरण सन्तोषजनक न पाया गया तो उसे विश्वविद्यालय से निष्कासित कर दिया जायेगा।

Ragging - A Crime Liable to Punishment

Ragging is totally banned in Gurukula Kangri Vishwavidyalaya. As per direction of Hon'ble Supreme Court of India, if any incident of ragging comes to the notice of the authority, the concerned student shall be given liberty to explain and if his/her explanation is not found satisfactory, the authority would expel him/her from the Vishwavidyalaya.
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THE VISHWAVIDYALAYA— AN INTRODUCTION
Establishment and Objectives

The Gurukula Kangri Vishwavidyalaya was established in 1902 by the martyr Swami Shraddhanandji Maharaj. The Vishwavidyalaya was established to provide an option of imparting education in the national language, discouraging the English system of education in India based on the education policy of Lord Macaulay. It aimed at creating a viable environment for students for higher learning and research in the areas of Vedic literature, Indian philosophy, Indian culture and literature and modern subjects.

Since its inception, the Arya Samaj has been advocating for women education. In order to shape this dream, the Kanya Gurukula Mahavidyalaya (K.G.M.) Dehradun was established in 1923 by Late Acharya Ramdevji. Later the Kanya Gurukula Mahavidyalaya, Haridwar was also established in 1993 for Post Graduate Classes. The basic task before the Vishwavidyalaya is to enhance the physical, moral and intellectual strength of both girls and boys and thus to make them ideal citizens, by giving them education of ancient and modern subjects, without any discrimination of caste and creed and untouchability on the pattern of Gurukula system of education which emphasizes healthy and harmonious teacher - taught relationship. The Vishwavidyalaya is situated about 5 km in south from Haridwar Railway Station.

Recognizing the objectives and services of this institution, Government of India in June 1962 conferred on it the status of Deemed to be University under UGC Act of 1956, Article 3, for imparting P.G. education in Vedic literature, Sanskrit literature, Indian philosophy, Hindi literature, English literature, Psychology, Maths and Ancient Indian History Culture & Archaeology. Besides these subjects, a number of modern subjects like Physics, Chemistry, Computer Science, Engineering, Ayurvedy and Management Studies etc. have also been started. In May 2002 National Assessment & Accreditation Council (NAAC) visited the Vishwavidyalaya and having been influenced by its natural, unpolluted environment, academic ambience, grand library and museum of international repute, awarded Four Star (****) & in the year 2015 with grade 'A' Status to it. Needless to say that all the degrees conferred by the Vishwavidyalaya are recognised by the Govt. of India/University Grants Commission. The Vishwavidyalaya is a pride member of the Association of Indian Universities (A.I.U.) and Association of Commonwealth Universities.

विश्वविद्यालय - एक परिचय

स्थापना एवं उद्देश्य

अभी हिंदुस्थान स्थानीय महाशिवरात्रि जयसंत जी महाराज ने सन 1902 में गुरुकुल कांग्रेसी विश्वविद्यालय की स्थापना की थी। भारत में स्कूल अर्थव्यवस्था में प्रबुद्ध एवं महत्त्वपूर्ण माहौल का स्वाभाविक विश्वास नीति के रूप में राष्ट्रीय विकास के रूप में राष्ट्रीय शिक्षण शिक्षा के माध्यम से वैदिक साहित्य, भारतीय दर्शन, भारतीय संस्कृति एवं साहित्य के रूप में अनुभूतिक विषयों की उच्च शिक्षा के अर्थव्यवस्था-अर्थव्यवस्था एवं अनुवादकों के लिए ऐसे विश्वविद्यालय स्थापित किया गया था।

अर्थशास्त्रीय अपने स्थापना के समय से ही रचना शिक्षा के लिए रचना शिक्षा के लिए प्रदर्शित रहा है। इतिहास उद्देश्य के पूर्ति हेतु सन 1923 में स्वतंत्र आयोग भारत सरकार जी ने कन्या गुरुकुल महाविद्यालय देहरादुन की स्थापना की थी तथा इसी परिधियाँ में 1993 में कन्या गुरुकुल महाविद्यालय हरिद्वार की स्थापना स्नातकोत्तर कक्षाओं के लिए की गई। इस विश्वविद्यालय का प्रमुख उद्देश्य जानिए और अन्य-पूर्व के शिक्षा के मेधावी के सिर दांत-दांत के संचार-वितरता के संवर्तकों की स्वायत्त कर्ता-दांताओं को प्राप्ती एवं आधुनिक विषयों की शिक्षा देकर उनका मानसिक और शारीरिक विकास कर बच्चों का आदर्श नागरिक बनाना है। विश्वविद्यालय हरिद्वार रेलवे स्टेशन से लगभग 5 किलोमीटर दक्षिण में स्थित है।

जून 1962 में भारत सरकार ने इस शिक्षण संस्था के राष्ट्रीय स्तर पर रचना के क्षेत्र में इसके प्रमुख योगदान को दृष्टि के लिए नवीन अवधिकारी नामक दर्शकों के अनुसार 1956 की नवीनता 3 के अंतर्गत "स्वदेशी सिद्धांत" की महत्वाकांक्षा प्रादर्श की और वैदिक साहित्य, संस्कृत साहित्य, दर्शन, हिन्दी साहित्य, अंग्रेजी, साहित्य, गणित तथा शैक्षिक भारतीय इतिहास संस्कृति एवं पुरातत्त्व विषयों में स्नातकोत्तर अर्थव्यवस्था की व्यवस्था की गई।

उपर्युक्त विषयों के अंतर्गत विभागों में विभागों में भारतीय, स्वदेशी, क्रमश: प्राचीन, अभिव्यक्ति, अभिव्यक्ति और अन्य अंतर्गत के अर्थव्यवस्था-अर्थव्यवस्था की व्यवस्था है। विश्वविद्यालय अनुदान आयोग द्वारा स्वदेशी विभाग एवं प्राचीन पत्रिका (NACC) द्वारा मई 2002 में विश्वविद्यालय के चार सितंबर (****) तथा 2015 में ‘ए’ बैंक से अनुकूलित किया गया था। परिधियाँ के सदस्य में विश्वविद्यालय की संस्थान के रूप में प्रदर्शित विभाग, वैदिक वातावरण, वृद्धि पुरातत्त्व तथा अंतरराष्ट्रीय सत्र के लिए स्नातक आदर्श संस्थान तथा अनुदान आयोग द्वारा चालो रखते हैं। यह विश्वविद्यालय भारतीय विश्वविद्यालय संघ (A.I.U.) तथा कानून-नीति विश्वविद्यालय संघ का सदस्य है।
The Vishwavidyalaya is a registered autonomous body. As per the Memorandum of Association (MOA)/Constitution of the Vishwavidyalaya, it is administered by the following authorities and officers.

**Authorities**
1. Board of Management
2. Academic Council
3. Finance Committee

**Officers**

1. Chancellor Dr. Ramprakash
2. Vice-Chancellor Dr. Surender Kumar
3. Registrar Prof. Vinod Kumar
4. Controller of Examinations Prof. M.R. Verma
5. Finance Officer Sh. Rajendra Kumar Mishra
6. Dean, Research & Academic Audit Prof. D. K. Maheshwari
7. Dean Academic affairs Prof. S.K. Srivastava
8. Dean, Faculty of Oriental Studies Prof. Rakesh Kumar Sharma
9. Dean, Faculty of Humanities Prof. Sharwan Kumar Sharma
10. Dean, Faculty of Science Prof. P.P. Pathak
11. Dean, Faculty of Technology Prof. Vinod Kumar
12. Dean, Faculty of Engg. & Tech. Dr. Sunil Panwar
13. Dean, Faculty of Life Science Prof. R.C. Dubey
14. Dean, Faculty of Mgt. Studies Prof. Pankaj Madan
15. Dean, Faculty of Med. Sci. & Health Prof. Ishwar Bhardwaj
16. Dean, Faculty of Education Prof. Pankaj Madan
17. Dean, Green Audit Prof. P.P. Pathak
18. Dean, Student Welfare Prof. P.C. Joshi
19. Co-ordinato, IQAC Prof. P.P. Pathak
20. Co-ordinator, KGC, Dehradun Prof. Surekha Rana
21. Co-ordinator, KGC, Haridwar Dr. Sangeeta Vidyalankar
22. Professor Incharge, Central Library Prof. Shrawan K. Shama
23. Professor Incharge, Computer Center Prof. Vinod Kumar
24. Professor Inc., Corp. Aff. & Outreach Cell Prof. Pankaj Madan
25. Director, Physical Edu. & Sports Dr. R.K.S. Dagar
26. Chief Proctor Dr. R.K.S. Dagar
27. Head, Computer Center Dr. Achal Kumar Goyal
28. Public Relation Officer Dr. Pankaj Kaushik

**Facilities for Studies**

**The Library**

The Vishwavidyalaya library has its own history which begins with the foundation of this institution. This library, which has completed its more than 115 years, is a rich depository of thousands of ancient manuscripts and rare books. It is equipped with one lakh books on Vedic literature, Aryan literature, Comparative Studies, Science, Management and Technology. Vishwavidyalaya library comprises a rich collection of Vedic & Sanskrit literature, Indian philosopsy, Aryan literature, Ancient history & culture together with leading modern subjects. Besides this main library, there are departmental libraries also to facilitate the P.G. students adequately. The Kanya Gurukula Campus, Dehradun and the Kanya Gurukula Campus, Haridwar also have

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19. Co-ordinato, IQAC Prof. P.P. Pathak
20. Co-ordinator, KGC, Dehradun Prof. Surekha Rana
21. Co-ordinator, KGC, Haridwar Dr. Sangeeta Vidyalankar
22. Professor Incharge, Central Library Prof. Shrawan K. Shama
23. Professor Incharge, Computer Center Prof. Vinod Kumar
24. Professor Inc., Corp. Aff. & Outreach Cell Prof. Pankaj Madan
25. Director, Physical Edu. & Sports Dr. R.K.S. Dagar
26. Chief Proctor Dr. R.K.S. Dagar
27. Head, Computer Center Dr. Achal Kumar Goyal
28. Public Relation Officer Dr. Pankaj Kaushik
The Vishwavidyalaya is embelished with an archaeological museum, which possesses a valuable collection of coins, paintings, sculptures and arms.

N.C.C.
The Vishwavidyalaya has NCC programme to train the students for maintaining discipline and national security.

N.S.S.
In order to develop and help the rural areas, the Vishwavidyalaya has Five units of NSS at UG/PG level aided by the Central & State Governments. Presently two units are functioning in Faculty of Engineering & Technology.

ADULT AND CONTINUING EDUCATION PROGRAMME
The Vishwavidyalaya is also running Adult and Continuing Education Programme under twenty point programme aided by the U.G.C.

COMPUTER CENTRE
U.G.C. aided computer centre was established in the Vishwavidyalaya in the academic year 1987-88. This centre is actively engaged in imparting computer education to the students besides making the activities of the Vishwavidyalaya computerised. Internet facility is also available at the computer centre. The various departments of the Vishwavidyalaya and those of the Kanya Gurukula Campus Haridwar and Dehradun have also their own computer labs with computer systems based on modern technology in order to cater to the needs of the students.

V SAT
V SAT sanctioned under UGC-Infonet programme has been established in the computer centre. Internet facility is provided in the computer centre through V SAT.

PLACEMENT CELL
Placement cell is established in the Vishwavidyalaya. The cell organises campus interviews of the students of various courses by inviting reputed companies. For the last several years many students got employment in reputed companies through the placement cell.

ARCHAEOLOGICAL MUSEUM
The Vishwavidyalaya is embelished with an archaeological museum, which possesses a valuable collection of coins, paintings, sculptures and arms.

PHYSICAL EDUCATION
In order to develop and enhance physical and mental strength of the students, Vishwavidyalaya has a full-fledged physical education department along with the facilities of outdoor and indoor games. There are also the facilities like multigym with latest machines, computer lab, sports psychology lab, kinesiology lab and departmental library.

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SCHEDULED CASTE/ SCHEDULED TRIBE CELL

The SC/ST cell has been established in the Vishwavidyalaya under X plan. The main objectives of this cell are to implement the reservation policy of Government of India effectively and provide necessary assistance to the students belonging to SC/ST category in order to resolve their academic and administrative problems.

The SC/ST Cell provides guidance to the students belonging to SC/ST/OBC/Minority Category for free Remedial Coaching in the Vishwavidyalaya sponsored by UGC New Delhi.

EMPLOYMENT AND COUNSELING CENTRE

In order to furnish the students with the information of various courses, entrance examinations, scholarships etc. employment and counseling centre has been established by the employment assistance directorate of the state government. The centre in collaboration with the placement cells of the concerned departments help in providing the information about the job opportunities of training and employment to the students.

M.O.U.

Faculty of Engineering & Technology has M.O.U. with TCS, IBM, EMC² and Bulgarian Academy of Sciences, Sofia, Bulgaria.

In past many reputed companies of the country have selected students of FET through campus interviews. Some of the important organizations are Infosys, TCS, Tech Mahindra, J.K. Technosoft, NIIT Technologies, Patni Computers, Mahindra Satyam, Syntel, HCL Comnet, IFB, Grapecity, Adobe, Accenture Technolog.
FACULTY OF ENGINEERING & TECHNOLOGY
INFRASTRUCTURE

FACULTY LIBRARY

Faculty houses a good Library of it’s own. Which has more than 25,000 books. Books are not only prescribed books but approaches other areas also, so that student get wider spectrum of world around. Faculty Library also has a separate reading room. Besides this faculty library is a proud member of DELNET which is network of libraries of AICTE approved institutions. The circulation system of library is fully computerized and total volume of circulation is more than 35,000 per year. Library is also going to provide Approx 7500 online Journals in near future as the infrastructure related work about to complete.

FACULTY COMPUTER CENTRE

A Computer Centre is established in the faculty with state-of-the-art computing facilities for the students of all disciplines. Computer Centre has latest IBM Netfinity, Windows XP, Windows-7, Windows-8, Windows server 2008. Centre is properly networked. It has all latest softwares to fulfill the requirements of various labs of syllabus. Centre also provides the facility of CD-writing, scanning, printing of all types to students. A Technology Solution 20, Mbps (1:1) as well as BSNL 1Gbps broadband connection is available in the computer center of the faculty which provides internet facility to all the students and faculty members. Entire campus of the faculty has been equipped with Wi-Fi facility.

SPORTS FACILITIES

FET has well developed facilities for playing Volleyball, Badminton, Cricket, Basketball, Lown Tennis, Table Tennis & Athletics. Faculty has well develop Gym. Faculty organizes tournaments like GPL, ESL every year. For the physical & mental development of students faculty organizes yoga classes also. All India Sports Meet (RANN) is organised by faculty regularly.
APPLIED PHYSICS LAB:

Faculty has a separate laboratory for catering to Engineering Physics for B.Tech first year students. This lab has experimental set up of Fresnel's Biprism, Polarisation of laser light, Susceptibility measurement by Quinke's method, Hall effect setup, ultrasonic velocity in liquids. The lab has sufficient experimental equipment to perform experiments according to syllabus.

APPLIED CHEMISTRY LAB:

Chemistry lab serves Engineering Chemistry course of B. Tech first year students. Gas pipe-line is fitted with all safety devices in the lab. A section of chemistry lab has various modern equipment like conductivity meter, pH meter, turbidity meter, ABE's refractometer, electronic balance and flame photometer and UV- Vis Spectrophotometer.

APPLIED MATHEMATICS:

Applied Mathematics is one of the key department of Engineering. Department teaches engineering mathematics numerical engineering mathematics, numerical analysis, fuzzy logics, Graph theory, optimization techniques & discrete mathematics. There subjects have numerous applications in Engineering & Technology
Department of Computer Science & Engineering
The computer science engineering department was established in the year 2000. It is the pioneer department of Faculty of Engineering & Technology. It provides knowledge of subjects/languages like C, C++, Data Structures, Java, VC++, Compiler etc. with an opportunity to have experience of industry and projects. Department has been declared "Center of Excellence" by IBM under which staff and student get training/Certification on latest technologies like DBZ/BAD etc.

**BASIC COMPUTER LAB:**
This lab deals with familiarity with computers in the beginning and then making programs in C. The lab covers the topics in cas structures, recursion, union, pointers etc.

**DATASTRUCTURE:**
Data Structure Lab emphasizes on programming exercise in representation of Stacks and Queues using Arrays and Linked list. Implementation of Singly linked list, Doubly linked list, Circular list, Insertion and Deletion from a Binary Search Tree (BST), Height Balance Tree (AVL). Implementation of various sorting and searching algorithms such as insertion sort, Selection sort, Quick sort, Merge sort, Heap sort, Sequential search and Binary search. Implementation of various traversing algorithms like BFS and DFS etc.

**OBJECT ORIENTED PROGRAMMING LAB:**
Function in C++, parameter passing, call and return by reference, friend functions, inline functions, function overloading. Classes and objects: arrays within a class, memory allocation for objects, static members, returning objects, constructors, operator overloading. Inheritance: derived classes, single and multiple inheritance, hierarchical inheritance, constructors in derived classes, objects of other classes. Polymorphism: pointers to objects, this pointer, pointer to derived classes, virtual functions. Templates: class and function templates, template arguments, exception handling; use of files, learning to use Visual C++ environment.

**COMPUTER NETWORK LAB:**
JAVA & .NET PROGRAMMING LAB:
Java programming lab emphasis programming exercise in Classes and objects: Classes, Objects, Inheritance, Arrays, Interfaces, Packages etc. Exception Handling: Exception handling using Try and catch, Throws clause, Throw, Creating user defined exceptions. Multithreaded Programming: creating threads, Creating multiple threads, Thread Priorities. Implementation of Interthread communication, Suspending, Resuming and stopping threads. String Handling: Implementation of various file operations, I/O, Byte Stream, Serialization. Applet Class: Applet Display Methods, Passing parameters to applets. Event Handling: Sources of Events, Events Listener interfaces, Handling Mouse and key board events. Networking: Java and the net, InetAddress, TCP/IP client and server sockets, URL, URL connections. Servlets: Reading Servlet parameters, reading initialization parameters, servlet chaining, Inter servlet communication, SSI (Server Side Includes), Applet Servlet communication. AWT: Working with windows, Graphics, Text; Control and layout Manager.

DBMS LAB:
Writing different SQL queries for Creating a table, Insertion of records in a table, Updating data in the table, deletion of a record from a table, Deletion of table, Searching records from the table, Constraints, Merging of two tables. Use of different keys such as primary key, foreign key, Unique key, Candidate key, Writing procedures, Triggers etc.

VISUAL PROGRAMMING LAB:
Creating a windows using C Language, MFC Dialog Boxes: Model Dialog Box, Modelless Dialog Box. Menus: Attaching menu to an application, popup menus. Writing text and drawing graphics. Events: Keyboard events and Mouse events. Designing of Toolbars, Status bars. Working on different controls such as Buttons, List Boxes, Edit Controls, Combo Boxes, Scroll Bars. Designing of SDI and MDI applications.
BASIC ELECTRONICS ENGINEERING LAB:
This lab has various demonstration setup, characteristics of PN injection diode, Zener Diod, Application of PN junction diode as half wave rectifier and full wave rectifier, transister characteristics in CE, CB and CC configuration, to study of various logic gates, Application of an OPAMP 741C.

ADVANCED ELECTRONICS LAB:
Advanced Electronics lab has various kits to study characteristics of FET, MOSFET, UJT, UJT relaxation oscillator, 8 bit A to D, D to A converter, 4 bit A to D, D to A converter, various operational-amplifiers. It also has voltage CRO of Scientech make and function generator of 3 MHz.

DIGITAL ELECTRONIC LAB:
Digital Electronic laboratory is well equipped with kits to verify truth tables of IC 7400, IC 7402, IC 7404, IC 7408, IC 7432, IC 7486, Kits to study multivibrators, IC Timer 555, R-S, D and J-K master slave flip-flop, half and full adder, 4 input trainer kit of multiplexer, 4 output trainer kit of demultiplexer.

COMMUNICATION LAB:
Communication Laboratory of Electronics & Communication Engineering has various training kits like DSB/SSB AM Transmitter, DSB/ SSB AM Receiver, FM Transmitter/Receiver, Sampling & Reconstruction, TDM Pulse AM/De Modulation, TDM Pulse code Modulation/Receiver, Delta Adaptive. Delta & Delta Sigma M/Demo. Delta Formatting & Carrier Mod Transmitter, Carrier Demodulation & Delta Reformattting. CROs of 25 MHz , function pulse generator of 2 MHz and AM/FM function pulse generator of 2 MHz, PAM-PPM-PWM Modulation and Demodulation etc. are available in the laboratory.

बेसिक इलेक्ट्रॉनिक्स इनजीनियरिंग लैब
इस लैब में पीएच, जैविक डायод, जेनर डायोड, पीएच जैविक डायोड को हाफ लैब रेक्टिफायर की तरह अनुप्रयोग, ट्रांजिस्टर विभेदण विभेदण लाजिक गेंडर तथा OPAMP 741C के अनुप्रयोग के बहुते से उपकरण उपलब्ध है।

एडवांस्ड इलेक्ट्रॉनिक्स लैब
एडवांस्ड इलेक्ट्रॉनिक्स लैब में विभिन्न प्रकार के उपकरण जैसे FET, MOSFET, UJT, UJT रिलेफ इक्षेलांडर, 8 बिट A से D, D से A कंप्लेर, विभिन्न प्रकार के आपेक्षिक - एचमियर आदि उपलब्ध है लैब में साउंडिक ड्रामा निर्मित टेलेज बीडी में एल.एल्टट समय 3 मेगाहर्ट्ज का फ़ाक्शन जनरेटर उपलब्ध है।

डिजिटल इलेक्ट्रॉनिक्स लैब
डिजिटल इलेक्ट्रॉनिक्स लैब IC 7400, IC 7402, IC 7404, IC 7408, IC 7432, IC 7486 की सत्यता सारणी प्रभावित करने तथा मल्टी एंटीपाँडर, IC टाइमर 555, R-S, D तथा J-K गांधार- लेबल फिल्टर फ़ाक्शन, हाफ तथा पूल एवं, 4 हाफपुल मल्टीप्लेक्सर, 4 आउटपुट पिंलीटेस्कर के अध्ययन के लिए उपकरणों में सुसंवाजित है।

कम्यूनिकेशन लैब
इलेक्ट्रॉनिक्स एवं कम्यूनिकेशन अनुप्रयोगों की कम्यूनिकेशन लैब में DSB/SSB, AM ट्रांसमिटर, DSB/SSB AM सिस्टर, FM ट्रांसमिटर/सिस्टर, सेमिलिस एवं रिकॉन्स्ट्रुक्शन, TDM पल्स AM/हिंदुलेस्यन, TDM पल्स कोड होलुलेस्यन, हैटला एडिप्ट्र, हैटला, हैटला सिम्या एवं/इबो, हैटला फॉर्मेटिंग कोरियर मां ट्रांसमिटर, कोरियर हिंदुलेस्यन हैटला रिकॉन्स्ट्रुक्शन आदि प्रतिष्ठान उपकरण हैं। प्रोग्रामवाल में 25 मेगाहर्ट्ज के CRO एवं 2 MHz के फ़ाक्शन पल्स जनरेटर एवं 2 MHz के AM/FM फ़ाक्शन पल्स जनरेटर एवं PAM-PPM-PWM होलुलेस्यन एवं हिंदुलेस्यन किट उपलब्ध हैं।
MICROPROCESSOR LAB:
Microprocessor Laboratory has various training kits like 8085/8086/8088 mps.

SYSTEM ENGINEERING LAB:
System Engineering Laboratory has time and frequency domain spectrum analyzer with software interface. It also has sampling and reconstruction trainer.

MICROWAVE ENGINEERING LAB:
The Microwave Engineering Laboratory has various state of art microwave test benches. The experiment in this laboratory includes; study of characteristics of Gunn oscillator and Reflex Klystron, measurement of SWR and reflection coefficient, measurement of load impedance, measurement of guide/free space wavelength, measurement of polar pattern and gain characteristics of pyramidal horn/pickup horn/ dielectric horn/sectorial horn/ paraboloid disc antennas, study of Doppler effect, measurement of dielectric constant of solid and liquid, measurement of phase shift and ‘Q’ of a cavity, study of directional coupler, isolators, circulators and Magic Tee, measurement of characteristics of detector diode, study of attenuation measurement and return loss measurement. Gunn Oscillators and klystron tubes are being used as sources in the benches.

CIRCUIT SIMULATION LAB:
In Circuit Simulation lab department has various simulation software like orcad, electronic design software, Matelab & Simulink, B2 Spice A/D circuit design tool, magic VLSI layout tool, Xilinx ISE, Ti-Tech C Compiler for Microcontroller Chip programming.

PCB LAB:
The Department has state of art of PCB lab where students learn how to fabricate the designed circuit/power supply on printed circuit board which is more robust and more compact in size.
**LIC/IC APPLICATION LAB:**

The laboratory is well equipped with the kits to study the characteristics of OP-AMP and their applications as adder or summing amplifier, subtractor or differential amplifier, inverting and non inverting amplifier, differentiator and integrator, V to I and I to V converter, V to F and F to V converters as active filter, Schmitt trigger, pulse generator, envelop detector and window comparator, multivibrator, etc.

**POWER ELECTRONICS LAB:**

Power Electronic lab has various training demonstration and setup like voltage commulated chopper, current commulated chopper, MOSFET inverter, IGBT Inverter, Trial phase control SCR triggering and SCR phase control.

**ADVANCED INSTRUMENTATION LAB:**

Advanced Instrumentation Lab has various training setup link to measure temperature using J type 4 K type thermocouple, RTD, to study characteristics of thermister, straingange, acceleration transducer, Load cell, LVDT, Electromagnetic pick up, Photo electronic pick up.

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**LIC/IC अप्लिकेशन लैब**

इस लैब में आपस्रोतवाल एमबिलिफायर व इनक्विटी एमबिलिफायर जैसे एक या सीमित एमबिलिफायर, सब्स्ट्रेक्टर या सिमस्टेमिक एमबिलिफायर, इनवर्टर एवं नेम इनवर्टर एवं एमबिलिफायर, सिक्सेंटर एवं इंटीसेटर, V से I एवं I से V बन्डर, V से F एवं F से V बन्डर, एक्स्ट्रा फिल्टर, सिमिटर ट्रिगर, फ्लाक जंचनर, इलेक्ट्रॉनिक हिटेक्टर एवं विक्लो कंप्यूटर, मल्टीविट्रॉन इलेक्ट्राइड तक प्रयोगात्मक फ्रिट्स उपलक्ष्य है।

**पावर इलेक्ट्रॉनिक्स लैब**

पावर इलेक्ट्रॉनिक्स लैब में पोल्टेज कम्प्यूटेड, ट्रांजिस्टर कम्प्यूटेड चोपर, मोसफेट, इनवर्टर, आईजीसीडी. इनवर्टर, ट्रांजिस्टर, फेज परिवर्तन, एससी. वर. ट्रिगरिंग एवं एससी.एफ. फेज कंट्रोल के प्रयोग करने जाते हैं।

**एडवान्स्ड इन्स्ट्रूमेंटेशन लैब**

एडवान्स्ड इन्स्ट्रूमेंटेशन लैब, से छात्रों को मेज रिश्तेदार युजिंग जेडाय, के टाइप यथाक्रम, आई.टी.डी. स्टप एंड बरीक्टिस्टिक आफ वर्कसेंटर, स्टूग मेज, एससीसेर्वेशन ट्रांजिस्टर लॉड सेल, एल.टी.डी. इलेक्ट्रॉमॅग्नेटिक पिकअप फोटो इलेक्ट्रिक पिकअप की जानकारी ही
Department of Electrical Engineering
BASIC ELECTRICAL ENGINEERING LAB:
This lab is used by first year students of all the disciplines in this lab several experimental kits for verifying DC network, theorems like thevenin's theorem, Norton's theorem, superposition theorem etc. are available. The laboratory is also well equipped with electrical motors & transformers such as single/three phase induction motors, DC shunt & series motors, DC motor coupled with dc generator single & three phase transformers etc. and calibration kits for ammeter, voltmeter & energy meter.

ELECTRICAL MACHINE LAB:
This lab is well equipped and fulfills all the requirements of electrical machines I&II. This lab consists of various electrical machines & transformers like 5H.P. DC Shunt motor coupled with 2.5 kw DC component generator, 1H.P. single phase induction motor, 2 K.V.A. transformers, 3H.P. synchronouns motor, 5 H.P. DC shunt motor coupled with 3 kva alternative with excictor & parallel operation set of alternators etc.

CONTROL & INSTRUMENTATION LAB:
It is running in II year. This lab consists of various technical equipments such as temperature control system, shown gauge, DC position control, PID Controller, Potentiometer Error Detector, Resistance Temperature Deleitor, LVDT, etc.

CIRCUIT LAB:
This lab is fully equipped with all experimental kits and other required instruments such as AC network theorem kits, LCR series and parallel kit, cascade two part network kit, T & bridge T network kit, R.L.C. circuit kit etc. This lab is used by 2nd year students of Electrical Engineering.
MEASUREMENT LAB:

This lab is well equipped with all the bridges and other instruments for measuring electrical parameters like resistance, inductance, capacitance etc. At present, this lab consists of several bridges like Owen’s bridge, Hay’s bridge, Maxwell bridge, Shearing bridge, Kelvin’s double bridge and other equipments for measuring power factor using the wattmeter method and three voltmeter method and setup for lissajous pattern etc. Second year students of electrical engineering perform the experiments in this lab.

POWER SYSTEM LAB:

It runs in III year. It is well equipped with all the high power transmission and distribution kits like single line to ground fault, line to line fault, transmission line trainer kit, castle fault locator, Earth teeth, Radial configuration of DC distribution system, Model of multiple layer cable, setup for string efficiency etc.

PROTECTION AND SWITCH GEAR LAB:

This lab used by the final year students of electrical engineering. This lab consists the following protective relays such as Thermal relay and fuse set-up, over current relay set-up, IDMT relay set-up, earth fault relay, percentage differential relay etc.

CAD LAB:

The Computer Aided Design Lab is used by third and fourth year students. This lab consists 35 computers with Proper Networking. In this lab, students use software like MAT LAB, C++ etc. for designing electrical instruments and making their projects.

कंप्यूटर एडेड हिज़ाड मैन किय दूसरी एवं चौथी वर्ष के छात्रों को करायी जाती है। इस लेख में 35 कंप्यूटर एडेड हिज़ाड मैन उच्च नेटवर्क के साथ उपलब्ध हैं। इस लेख में छात्र निम्न साप्ताहिक पर कार्य करते हैं। जैसे मेट्रोला, ली + + इत्यादि जिसमें छात्रों को विभिन्न वेबिउ उपकरणों के हिज़ाड मैन एवं ट्रोजेक्ट बनाने हेतु जानकारी उपलब्ध करायी जाती है।
Department of Mechanical Engineering
MECHANICAL WORKSHOP:
Mechanical Workshop is broadly divided into five shops such as Carpentry, Foundry, Fitting, Metal Joining and Machine Shop. Lathe machines, Shaper machine, Universal Milling machine, Gas welding and Arc welding set-ups are available in the workshop. HMT make T-70 CNC training machine with colour monitor is also available in the workshop.

ENGINEERING GRAPHICS LAB:
Engineering Graphics Lab has LCD Projector, Interactive Board, Over Head Projector (OHP) and models of Ball Bearing, Roller Bearing, Taper Bearing, Thrust Bearing, Open Truck Bearing, Simple Bearing, Bush Bearing, Plumber Block, Foot Step Bearing, Keys, Rivet Joints, Knuckle Joint, Tie Rod Joint, Cotter Joint, Gib & Cotter Joint, Sleeve & Cotter Joint, Socket & Spigot Joint, Universal Coupling, Hook’s Coupling, Flexible Coupling, Muff Coupling, Oldham’s Coupling, Locking Arrangement of Bolts, Transparent Wooden Model of Prism and Pyramid for demonstration purpose. It also has Drawing Boards, Drawing File Cabinet etc.

BASIC MECHANICAL ENGINEERING LAB:

APPLIED THERMODYNAMICS LAB:
This Lab is comprising of various machine, equipments, Models such as Refrigerator, Velocity Compounded Steam Turbine, Pressure Compounded Steam Turbine, Impulse & Reaction Turbine, Steam Engine, Two Stroke petrol Engine, Four Stroke petrol Engine, IC Engine Test rig, Gas Turbine, Two Stroke Diesel Engine, Four Stroke Diesel Engine, Ignition System of I.C. Engine, Breaking System Gas Turbine models etc.
MATERIAL SCIENCE LAB:

Material Science Lab has Shear test attachment, Torsion Testing Machine, Vibration test, Optical Microscope, Muffle Furnace, Belt Grinder Machine and Single Wheel Polishing Machine, Fatigue testing machine, creep testing machine and spring testing machine for spring index testing etc.

FLUID MECHANICS LAB:

This Lab is comprising of various models such as surface of liquids, Meta centric height Apparatus, Reynolds Apparatus, Flow through Orifice and Mouth pieces, Bernoulli’s theorem apparatus, Discharge through venturimeter & Orifice meter, Discharge over notches, Impact of Jet on vanes, Losses due to pipe filing, sudden., Bend Meter test Rig, Electrical Analogy apparatus.

THEORY OF MACHINES LAB:

This lab has Universal Governer Apparatus, whirling of shaft apparatus, motorized Gyroscope Apparatus, Static & Dynamic Balancing Apparatus, Cam Analysis Apparatus, Journal Bearing Apparatus.

MANUFACTURING SCIENCE - I LAB:

This lab has tube Bending machine, Jigs & Fixtures & Holes, Trinocular Metallurgical Microscope (M4X, M10X, M40X, M100 (oil) Magnification (25x-100x)), Fly Pres (Screw size 75 mm dia.) O single slided, strip Rolling Machine (Rolling Capacity 20mmX5mm Strip) Ralle’s length 4.5”, Dias at Rolle’s 2.5” wire drawing Machine (Drawing Capacity 3mm) Single die system, wire stand pull-intong havells make 5HP motor. Dies (die size 9mm, 8.5mm, 8mm, 7.5mm) Punching machine Capacity 5 Tox. Induction Furnace (capacity up to 1 kg.), Injection moulding machine (capacity 100 gm, plastic granual) and Power hammer.
MEASUREMENT METROLOGY AND CONTROL LAB:
This lab is consist of various models such Dial Indicator, Limit Gauge (study of limit gauge range 12 mm), Surface Plate (1000x630 mm) with stand, Filler gauge, 3 Wire Set, Micrometer, (Make Mitutoya), Capacity 0-25 mm (a) Digital display (b) Slandered LC 0.001 mm, Vernier Caliper, (Make Mitutoya), Capacity 0-15 mm, (a) Digital display (b) Gear both Vernier.

FLUID MACHINE LAB:
This lab consists of various experiments setup of like, pelton turbine test Rig, francis turbine test rig, kapalan turbine test rig, hydraulic ram test rig, reciprocating pump test rig, centrifugal pump test rig and gear pump test rig.

MANUFACTURING SCIENCE- II LAB:
Manufacturing science lab is comprising of surface grinding machine and 4* fully automatic torrent lathe etc.

HEAT AND MASS TRANSFER LAB:
Heat & mass transfer lab is well equiped with following setups like heat transfer through composit wall, heat transfer through lagged pipe, pool boiling apparatus, heat transfer in natural connection, heat transfer from pin-fin, Steffan Boltzman apparatus, Emissivity measurement apparatus, parallel/counter flow heat exchanger and thermal conductivity of insulating power.

I.C. ENGINES LAB:
I.C. engines lab basic knowledge automobile with single cylinder, 4 stroke diesel engine test rig, 4 stroke diesel engine test rig, 4 stroke 4 cylinder petrol engine test rig and C.I. Engine test rig etc.

REFRIGERATION AND AIR CONDITIONING LAB:
This lab is comprising of Refrigeration test rig, cut section bord of RAC, Components and control, window type air conditioning test rig and Ice plant Trainer.

For the lab setup details and images please refer to the original document.
**COURSES OFFERED**

B.Tech. courses in the following branches of Engineering & Technology are being run in the Faculty.

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Branch</th>
<th>Duration</th>
<th>Intake</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Computer Science &amp; Engineering</td>
<td>Four years (Eight Semesters)</td>
<td>92</td>
</tr>
<tr>
<td>2.</td>
<td>Electronics &amp; Communication Engineering</td>
<td>Four Years (Eight Semesters)</td>
<td>92</td>
</tr>
<tr>
<td>3.</td>
<td>Electrical Engineering</td>
<td>Four Years (Eight Semesters)</td>
<td>92</td>
</tr>
<tr>
<td>4.</td>
<td>Mechanical Engineering</td>
<td>Four Years (Eight Semesters)</td>
<td>92</td>
</tr>
</tbody>
</table>

**उपलब्ध पाठ्यक्रम**

सकारात्मक और प्रामाण्यता के लिए निम्नलिखित शाखाओं में बीटेक पाठ्यक्रम संचालित किये जा रहे हैं।

<table>
<thead>
<tr>
<th>क्र.सं.</th>
<th>शाखा</th>
<th>अवधि</th>
<th>छात्र संख्या</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>कम्प्यूटर साइंस एण्ड इंजीनियरिंग</td>
<td>चार वर्ष (आठ सेमेस्टर)</td>
<td>92</td>
</tr>
<tr>
<td>2.</td>
<td>इलेक्ट्रॉनिक्स एण्ड इंजीनियरिंग</td>
<td>चार वर्ष (आठ सेमेस्टर)</td>
<td>92</td>
</tr>
<tr>
<td>3.</td>
<td>कम्प्यूटर इंजीनियरिंग</td>
<td>चार वर्ष (आठ सेमेस्टर)</td>
<td>92</td>
</tr>
<tr>
<td>4.</td>
<td>मैकेनिकल इंजीनियरिंग</td>
<td>चार वर्ष (आठ सेमेस्टर)</td>
<td>92</td>
</tr>
</tbody>
</table>
### Categories

<table>
<thead>
<tr>
<th>Code</th>
<th>Category</th>
<th>Code</th>
<th>Region</th>
</tr>
</thead>
<tbody>
<tr>
<td>101</td>
<td>General</td>
<td>102</td>
<td>SC</td>
</tr>
<tr>
<td>103</td>
<td>ST</td>
<td>104</td>
<td>OBC</td>
</tr>
<tr>
<td>105</td>
<td>Gen PWD OH (Orthopedically Handicapped)</td>
<td>106</td>
<td>Gen PWD VH (Visually Handicapped)</td>
</tr>
<tr>
<td>107</td>
<td>Gen PWD HH (Hearing Handicapped)</td>
<td>108</td>
<td>SC PWD OH (Orthopedically Handicapped)</td>
</tr>
<tr>
<td>109</td>
<td>SC PWD VH (Visually Handicapped)</td>
<td>110</td>
<td>SC PWD HH (Hearing Handicapped)</td>
</tr>
<tr>
<td>111</td>
<td>ST PWD OH (Orthopedically Handicapped)</td>
<td>112</td>
<td>ST PWD VH (Visually Handicapped)</td>
</tr>
<tr>
<td>113</td>
<td>ST PWD HH (Hearing Handicapped)</td>
<td>114</td>
<td>OBC PWD OH (Orthopedically Handicapped)</td>
</tr>
<tr>
<td>115</td>
<td>OBC PWD VH (Visually Handicapped)</td>
<td>116</td>
<td>OBC PWD HH (Hearing Handicapped)</td>
</tr>
<tr>
<td>119</td>
<td>Kashmiri Migrants</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Reservation

<table>
<thead>
<tr>
<th>Code</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>104</td>
<td>27% (Non-creamy layer)</td>
</tr>
<tr>
<td>102</td>
<td>15%</td>
</tr>
<tr>
<td>103</td>
<td>7.5%</td>
</tr>
<tr>
<td>105-116</td>
<td>3% (Horizontal)</td>
</tr>
</tbody>
</table>

Reservation for Other Backward Class (OBC) category shall be given as per The Central Educational Institution (Reservation in Admission) Act, 2006 No. 5 of 2007. The OBCs who are eligible for availing the benefits of reservation should be from the central list of Socially and Educationally Backward Classes (SEBCs) / Other Backward Classes (OBCs) as per Resolution No. 12011/68/93 DCC (C) of the Ministry of Welfare (now the Ministry of Social Justice and Empowerment) as modified from time to time and the rules/criteria of exclusion of socially advanced persons/sections. For an updated list of state-wise OBCs eligible for availing benefits of reservation, see the list mentioned by the National Commission for Backward Classes (NCBC) at its website: http://ncbc.nic.in.

Candidates belonging to "creamy layer" (As per the resolution No. 1-1/200 5-V, 1A/846 dated 20th April, 2008 of Ministry of Human Resource Development, Department of Higher Education), shall not be entitled to avail the benefit of reservation for OBCs.

### Reservation for SC, ST, OBC category:

- SC: 15%
- ST: 7.5%
- OBC: 3% (horizontal)

### Reservation for OBC with disabilities:

- Gen PWD OH: 27% (Non-creamy layer)
- Gen PWD VH: 15%
- Gen PWD HH: 7.5%
- SC PWD OH: 3%
- SC PWD VH: 3%
- SC PWD HH: 3%
- ST PWD OH: 3%
- ST PWD VH: 3%
- ST PWD HH: 3%
- OBC PWD OH: 3%
- OBC PWD VH: 3%
- OBC PWD HH: 3%

### Other Backward Classes (OBC)

- Kashmiri Migrants: 3% (Horizontal)

### Rules for creamy layer

- SC, ST, OBC with disabilities: 27% (Non-creamy layer)
- SC, ST, OBC: 15%
- SC, ST, OBC with disabilities: 7.5%
- SC, ST, OBC: 3% (horizontal)
DIVISION AND PASS PERCENTAGE

- 60% and above - First Division
- 50% and above - Second Division
  but below 60%

ESSENTIAL RULES FOR STUDENTS

- Minimum 75% attendance is compulsory for the students in each subject/course.
- It shall be compulsory for the students to attend the Yajna/Prarthana and other functions. The uniform for summer is white Shirt and Black Pant. In winter uniform Navy Blue Blazer/gray Sweater is also necessary. Black Shoes and white Socks are included in the uniform of each season.
- Normally, classes shall be held between 10:00 am to 5:00 pm.
- Saraswati Yatra (educational tour) shall be arranged during holidays only.
- On boycotting the examination, the result shall be declared by awarding zero marks in the concerned paper.
- In case of illness, sessional examination can be conducted by paying Rs. 250/- per sessional per subject with prior permission from Registrar.
- Students involved in the activities of indiscipline, shall be rusticated with immediate effect.
- Ragging is totally banned in Gurukula Kangri Vishwavidalaya. If any student is found guilty, he will be liable for punishment as per rules.
- Student has to submit an affidavit at the time of admission that he had never indulged in Ragging.
- As per direction of Hon’ble Supreme Court of India, if any incident of ragging comes to the notice of the authority, the concerned student shall be given liberty to explain and if his/her explanation is not found satisfactory, the authority would expel him from the institution.

ADMISSION PROCEDURE

B.TECH. I YEAR
Eligibility

- The minimum eligibility for admission to B.Tech. first year is Intermediate (10+2) or equivalent examination passed with Physics, Chemistry & Mathematics from any recognized Board or University of India or foreign country.
- CRL/AIR of JEE Mains - 2017 conducted by C.B.S.E., New Delhi.

Admission Procedure

(1) Admission shall be made strictly in accordance with rules and regulations made by C.S.A.B./JOSAA through CML/AIR of JEE Mains - 2017.

उत्तीर्णक एवं श्रेणी प्रतिष्ठात

- 60% व इससे अधिक - प्रथम श्रेणी
- 50% व इससे अधिक किन्तु - द्वितीय श्रेणी
- 60% से कम

छात्रों के लिए आवश्यक नियम

- छात्र/छात्राओं की प्रवेश विधि/पादयोग्यता में न्यूनतम 75% उपलब्धित होने अनिवार्य है।
- छात्रों के लिए पत्र/प्रार्थना तथा समारोहों में उपस्थित होना आवश्यक होगा। शीघ्र चर्चा की वेशभूमि सफेद कंजी व काली पेट है। शीतकालीन वेशभूमि में नीली ब्लु कॉट / से स्वेटर भी आवश्यक है। काले जुटे एवं सफेद मोजे प्रवेश चर्चा की वेशभूमि में सम्मिलित है।
- सामान्यतः काफी प्राप्त रु. 10.00 से साल 5.00 बजे की बैठक होगी।
- सरस्वती पत्रिका पर कोई तल्ले अवकाश के समय ही जाने की अनुमति होगी।
- परीक्षा से बचित करने पर उस प्रश्नमार्ग में घूम आँक देखकर परीक्षा परिणाम घोषित किया जाएगा।
- बीमारी के कारण सतीश मुद्राकंक परीक्षा में अनुपस्थित होने की स्थिति में सप्ताह 250/- प्रति सेसन प्रति विषय मुद्रक जना कर कुलस्वरूप की अनुमति से सतीश मुद्राकंक परीक्षा दे सकेगा।
- अनुपस्थिति की गतिविधियों में सत्तित पाने पर संबंधित छात्र का प्रवेश तत्काल प्रभाव से निरस्त कर दिया जाएगा।
- घूम साबित किहरी विविधावाद में रिंगिंग पूर्त प्राप्त निधियों यह यदि कोई छात्र रिंगिंग में दोनों पाना जाता है तो उसके विद्या निर्माणाधीन वर्गक्षेत्रीय वैकाल की जागरूकता।
- छात्र को प्रवेश के समय यह शर्त पत्र देना होगा कि वह इससे पूर्व कभी रिंगिंग में निवेदन नहीं राखा है।
- माननीय उच्चतम न्यायालय के निर्देशानुसार यदि रिंगिंग की कोई घटना विविधावाद प्रावधान में सज्जन में आती है तो संबंधित छात्र से स्पष्टकर्त्ता देने का कहा जायेगा और यदि उसका स्पष्टकर्ता संशोधनपत्र न पाया गया तो उसे विविधावाद से निर्वाचित कर दिया जायेगा।

प्रवेश प्रक्रिया

बी.टेक. प्रथम वर्ष
योजना

- बी.टेक. प्रथम वर्ष में प्रवेश हेतु न्यूनतम योजना इंटरमीडिएट (10+2) या समकक्ष परीक्षा भीतरिक, तासवूत एवं संगठन विवाहों से किसी भी भारतीय अथवा विशेषतः मान्यता प्राप्त बोर्ड अथवा विभागित विवाहात्मक से उत्तीर्ण होना होगा।
- बी.टी.एस.ई., नई निवडी द्वारा आयोजित जीई में 2017 पर आधिकारिक प्रवेश परीक्षा को सी.आर.एल. /ए.आई.आर. के आधार पर।

प्रवेश प्रक्रिया

(1) प्रवेश पूर्तिता बी.टी.एस.ई./जीई. द्वारा निर्धारित नियमों पर अवलंब भारतीय जीई में 2017 के सी.टी.एल./ए.आई.आर. के आधार पर होगी।
(2) Candidates allotted seat through Central Counseling held at different centres throughout the country have to complete all formalities of admission (Fee and document deposition) during the prescribed dates given by CSAB/JOSAA failing which their candidature will automatically be cancelled.

(3) Candidates admitted through Central Counseling conducted by C.S.A.B./JOSAA can also avail the chance of upgradation in case of availability of seats by filling the same form.

(4) Remaining seats vacant after C.S.A.B counseling will be filled through candidates by applying through our application form on the basis of All India Rank (AIR) of JEE-2017 after upgrading the already admitted students.

(5) Application form & Information Brochure for admission can be obtained from the office of the Registrar, Gurukula Kangri Vishwavidyalaya, Hardiwar, or from the office of the Dean, Faculty of Engineering & Technology, Gurukula Kangri Vishwavidyalaya, Hardiwar, by paying Rs 300/- (Rs. 1000/- for Direct Admission to B.Tech. Iyear lateral entry) by cash or Demand Draft in favour of "Registrar, Gurukula Kangri Vishwavidyalaya, Hardiwar," payable at Haridwar.

(6) Application form for Direct Admission to B.Tech. Iyear (lateral entry) can be downloaded from the university website www.gkv.ac.in and send along with Demand Draft of Rs. 1000/- in favour of "Registrar, Gurukula Kangri Vishwavidyalaya, Hardiwar," payable at Haridwar.

(7) Application for B.Tech 1 year against vacant seat can be filled on line on www.gkvedu.com and print out of the same along with a DD of Rs 300/- in favour of Registrar, Gurukula Kangri Vishwavidyalaya Haridwar payable at Haridwar should be sent to the office of the Dean, Faculty of Engineering & Technology, Gurukula Kangri Vishwavidyalaya, Hardiwar, on or before the last date.

(8) Candidates allotted through JoSAA/C.S.A.B. are also required to fill the application/verification form (attached in the Information Brochure).

(10) Vishwavidyalaya shall not be responsible for any postal delay.

(11) A category-wise merit list shall be prepared on the availability of seats in different categories.

(12) Candidates in the merit list have to come for counseling/admission along with the following original certificates/documents alongwith 4 photocopies & 8 Photographs.

(i) High School Certificate & Marksheet
(ii) Intermediate (10+2) Certificate & Marksheet
(iii) Migration & TC from the institution last attended
(iv) Character certificate from the institution last attended
(v) Reservation category certificate, if applicable
(vi) If there is gap between the passing year of last examination and the admission, the candidate shall have to submit an undertaking for the same.
(vii) Score card & Admit card of 2017.
(viii) Applicant may apply online through the website www.gkvedu.com
(ix) Remaining seats vacant after C.S.A.B counseling will be filled through candidates by applying through our application form on the basis of All India Rank (AIR) of JEE-2017 after upgrading the already admitted students.

(12) Candidates admitted through Central Counseling conducted by C.S.A.B./JOSAA can also avail the chance of upgradation in case of availability of seats by filling the same form.

(7) Candidates may apply online through the website www.gkvedu.com
DIRECT ADMISSION TO B.TECH. II YEAR

ELIGIBILITY

A candidate must have passed the Diploma in Engineering in the relevant branch with a minimum of 60% marks (55% for SC/ST) in aggregate.

OR

A candidate must have passed the Degree in Science (B.Sc.) with Mathematics as a subject and with a minimum of 60% marks (55% for SC/ST and GKV graduates) in aggregate.

Admission shall be made on the basis of merit of entrance examination to be conducted by Gurukula Kangri Vishwavidyalaya, Haridwar.

Note: - For Direct Admission to B.Tech II year candidates have to produce following certificates.

(i) High School Certificate & Marksheet
(ii) Intermediate (10+2) Certificate & Marksheet
(iii) B.Sc./Diploma Certificate & Marksheet
(iv) Migration & TC from the institution last attended
(v) Character certificate from the institution last attended
(vi) Reservation category certificate, if applicable
(vii) If there is gap between the passing year of last examination and the admission, the candidate shall have to submit an Affidavit by notary on Rs. 10/- stamp paper prescribed format.

COUNSELING FOR ADMISSION

Candidates shall have to deposit a demand draft of Rs. 5000/- as counseling fee in favour of the Registrar, Gurukula Kangri Vishwavidyalaya payable at Haridwar at the time of counseling.

Candidates shall have to deposit full fee immediately after the admission is granted. Counseling fee shall be adjusted in the admission fee therein. If a candidate fails to deposit fee within the prescribed time, his admission shall be treated as cancelled and the counseling fee shall not be refunded. The candidates who are not granted admission, their counseling fee shall be refunded. In case seats remain vacant after first counseling, second counseling may be conducted only after the decision of the administration.

ENTRANCE EXAMINATION CENTRE FOR DIRECT ADMISSION TO B.TECH. II YEAR

- Faculty of Engineering & Technology, 10 Km Haridwar - Delhi Marg, Near Shri Dev Temple, Shraddhanandpuram, Bahadrabad, Haridwar (U.K.)

बी.टेक. द्वितीय वर्ष में सीधे प्रवेश

योग्यता

अभ्यर्थी ने अभियांत्रिकी की समस्तिकता जाल में हिस्से म न्यूनतम 60% अंक (अनुसूचित जानिंदा/जनजाति के लिए 55%) के साथ उपलब्ध किया हो।

अथवा

अभ्यर्थी ने बी.एच. (अध्ययनस्तर) के साथ अन्वेषण 60% अंक (अनुसूचित जानिंदा/जनजाति एवं गुणवाली. स्पेसिफिक क्लास के लिए 55%) के साथ उपलब्ध किया हो।

प्रवेश हेतु काउंसलिंग

अभ्यर्थियों को काउंसलिंग के समय रु. 5000/- का डेरीएंड ग्राउंड जो कि कुल संचय, गुरुकुल कांग्री विश्वविद्यालय के प्लेट में हरिद्वार पर देने हो, काउंसलिंग शुल्क के रूप में जमा किया गया हो।

अभ्यर्थियों को प्रवेश स्वीकृत कर दिया जाने पर तत्काल पूर्ण शुल्क जमा किया जाना होगा। काउंसलिंग शुल्क प्रवेश शुल्क में समायोजित कर दिया जायेगा।

यदि वे कुछ नहीं करते तो इस वर्ष तक कोई भी शुल्क जमा न करते तो उन्हें इस वर्ष तक कोई भी शुल्क जमा न करते हैं।

सभी अभ्यर्थियों को प्रवेश का काउंसलिंग शुल्क प्रवेश के लिए जमा किया जायेगा। काउंसलिंग शुल्क प्रवेश शुल्क में समायोजित कर दिया जायेगा।

प्रथम बार काउंसलिंग के पश्चात राशि रिकार्ड रहने पर दूसरी काउंसलिंग प्रशासन के निर्णय के उपरांत ही जा सकती है।

बी.टेक. द्वितीय वर्ष में सीधे प्रवेश हेतु परिषद केन्द्र

- अभियांत्रिकी एवं प्रोफेसरीय कक्षाएं, 10 किलोमिटर, हरिद्वार-दिल्ली राजमार्ग, निकट राधाराम बनर्जी, श्री श्री कांग्री विश्वविद्यालय, हरिद्वार (उत्तर प्रदेश)
ISSUE OF ADMIT CARDS FOR ENTRANCE EXAM

- Admit Cards will be given at examination centre one hour before the start of examination.
- If the information furnished by the candidate is found false his eligibility shall be cancelled even after issuing the admit card.

USE OF UNFAIR MEANS

- If a candidate uses unfair means in the examination and writes his name, roll number or marks any sign inside the answer sheet, his result may be cancelled.
- If the use of unfair means proved at any stage of the admission procedure the entrance examination of the candidate shall be cancelled.

ANNOUNCEMENT OF RESULT

The merit list shall be declared by the Registrar and shall be displayed on the notice boards as well as University website www.gkv.ac.in

Note: All Information regarding admission shall be displayed on the notice board. No information shall be sent by post in any case.

GENERAL INSTRUCTION FOR ENTRANCE EXAMINATION

- Entrance examination will be conducted in English medium only.
- Admit card will be provided at the examination centre only, therefore all the candidates must reach the examination hall an hour before the commencement of the examination.
- Candidates are allowed to bring with them HB pencil, ball pen, eraser & sharpener only in the examination hall. Use of calculator, cellphone and watch with calculator shall not be allowed to carry in the examination hall.
- Smoking, food articles and any type of drinks except drinking water are strictly prohibited.

CANCELLATION OF ADMISSION

The Admission of the candidate shall be cancelled if the information given by the candidate is found false/incorrect or not fulfilling minimum eligibility at any stage, during or after admission. Candidates appearing in the final year of qualifying examination shall have to produce their result upto 15 September, 2017 failing which their admission shall be treated as cancelled.

JURISDICTION

- In case of any doubt regarding rules and regulations, only Hindi version will be valid.
- All matters of disputes during and after the admission shall be subject to the exclusive jurisdiction of Haridwar District Courts.

प्रवेश परीक्षा के लिए प्रवेश पत्र

- अभ्यर्थी को प्रवेश पत्र पर पिच पेंसिल के केंद्री दिखाये को प्रवेश पत्र से एक घंटा पूर्व दिखाये।
- यदि किसी अभ्यर्थी द्वारा दिखाये गयी सूचना गलत भी तो प्रवेश पत्र गलत जाने के बाद भी उसकी पता निरस्त कर दी जायेगी।

अनुचित साधनों का प्रयोग

- प्रवेश पत्र ने अनुचित साधनों का प्रयोग करने पर या उल्लंघन पुरस्कार में अनुसंधान, नाम या किसी अन्य प्रयोग प्राप्ति चिन्ह, बना हुआ मिलने पर अभ्यर्थी का प्रवेश परीक्षामात्र स्वीकार करा जा सकता है।
- अनुचित साधनों का प्रयोग, प्रवेश प्रतियोगिता के लिए भी स्वीकार करने पर उस अभ्यर्थी का प्रवेश परीक्षा निरस्त कर दे जायेगी।

परीक्षा परिणाम की घोषणा

- प्रवेश पत्र परीक्षा की एक सूची कृत्रिम द्वारा जाने की जाती है और तृतीया पुस्तकों पर लंबाई जानी है। विशेषता वेब साइट www.gkv.ac.in पर हो जायेगी।

नोट: प्रवेश पत्र के संबंध में सूचनाएं ऋण द्वारा तथा सूचना पत्र पर लंबाई जानी होगी। कोई भी वृद्धि जाने दी जाने भ्रष्ट भी भ्रष्ट जाने।

प्रवेश परीक्षा के लिए सामान्य निर्देश

- प्रवेश परीक्षा का माध्यम केवल अंग्रेजी होगा।
- अभ्यर्थी को प्रवेश-पत्र पर पूरी परीक्षा परीक्षा स्वतंत्र पर पूर्व होगा।
- परीक्षा भाषा में अभ्यर्थी केवल पेंसिल, बल्ल पेंसिल, बल्दा और रसायन ही ले कर जायेगी। कॉम्प्यूटर, वोइस फॉन और कॉम्प्यूटर लीक इत्यादि को परीक्षा भाषा में प्रयोग मिलेगा।
- परीक्षा भाषा में गुड़ जाने के अलावा त्योहार भी प्राकार का पेय पदार्थ, खाद्य पदार्थ या दूध पदार्थ बंदित है।

प्रवेश निरस्तीकरण

- प्रवेश प्रतियोगिता के लिए तीसरे भाग पर या प्रवेशपात्रता अभ्यर्थी द्वारा द्वारा दिखाये गयी सूचना गलत जाने पर या न्यूनतम अवधि ऐसे गयी न पाये जाने पर उसका आदेश/प्रवेश निरस्त दिखाये।
- अनिल वर्ष की जाना परीक्षा देने उस अभ्यर्थीयों को 15 सितंबर, 2017 तक अपनी अहमीत परीक्षा का परीक्षा प्रस्तुत करना अनिल के केवल प्रवेश स्वतंत्र निरस्त होगा।

विवाद निर्धरण

- नियमों व उपस्थितियों में संबंधित के नियम में उपलब्ध होने वाले निर्धारण के लिए विवाद घोषित करने पर न्यायाधीश के वित्तीय न्यायालय हिंदुस्तान होगा।
The Entrance examination paper will consist of 100 objective type questions. The paper shall have three sections. Section A is compulsory for all the candidates. Section B is to be attempted by Diploma Holders in Engineering while Section C is to be attempted by Science Graduates (B.Sc.).

**SECTION A**

- General Aptitude: Compulsory for all the candidates
- For Diploma Holders in Engineering:
  - **Algebra**: Arithmetic progression, its nth term, sum of n terms with their applications to engineering problems. Geometrical progression, its nth term and sum of n terms and to infinity with application to engineering problems. Partial fractions (excluding repeated quadratic factors) formally introduction of permutations and combinations, applications of formulae for p, c. Binomial theorem (expansion without proof) for positive integral index (expansion and general term), Binomial theorem for any index (expansion without proof only). First and second binomial approximation with application to engineering problems.
  - **Trigonometry**: Concepts of angels, measurement of angles in degrees, grades and radians and their conversions. Trigonometrical ratios and their relations. Review of ratios of some standard angles (0, 30, 45, 60, 90 degrees), T-Ratios of allied angles (without proof), Sum, difference formulae and their applications (without proof).
  - **3-D Coordinate Geometry & Trigonometry**: System of coordinates, Direction, cosine, angle between two lines, Projections, Distance of a point from a line. The plane: General form, Normal form, intercept form, Reduction of the general form to normal form, Equation of plane through three points, angles between two planes, Parallel planes, perpendicular distance of a point from the planes. Pair of the planes, Area of a triangle and volume of a tetrahedron. The Straight Line; Equation of a line in general form, symmetric form, Two point form, reduction of the general equation to the symmetrical form, Straight line and the plane, Conditions of parallelism and perpendicularity of a line and a plane. Plane through a given line, perpendicular distance formula for the line, projection of a line on a given plane, Coplanar lines, Condition that two given lines may intersect and equation of the plane containing them. Equation of a straight line intersecting two given lines, Perpendicular distance formula for the line and coordinates of the foot of the perpendicular. Shortest distance between two lines. Sphere: General equation of a sphere, Plane section of a sphere, Intersection of two sphere, sphere through a given circle, Intersection of a straight line and a sphere, Equation of a tangent plane to sphere, condition of tangency, Plane of contact, Polar plane and pole of a given plane, Angle of intersection of two spheres, Length of tangent: Radical planes, axis and centre, Coaxial system of spheres, Cone: Equation of a cone whose vertex and its origin, equation of a cone with a given vertex and a given conic as base, condition that general equation of second degree represent a cone, equation of a tangent plane, condition of tangency of a plane and a cone, Reciprocal cone, Right circular cone.
  - **Co-ordinate Geometry**: Cartesian coordinates (2D), Distance between two points. Internal and External division formulae, application of area formulae (without proof), Area of triangle when its vertices are given, coordinates of centroid, incentre of a triangle when the vertices are given using the formulae, simple problems on locus, General equation of a circle and its characteristics. To find the equation of a circle given (i) centre and radius (ii) three points on it (iii) Coordinates of end points of a diameter. Definition of conic section, Standard equation of parabola, to find equations of parabola when its focus and directrix are given, Given the equation of a parabola, determination of its focus, vertex, axis, directrix and latus rectum. Ellipse and hyperbola (standard equations without proof), given the equation in the standard form, determination of focus, directrix, latus rectum, axes, eccentricity, and centre. Concept of polar coordinates and their conversion to Cartesian coordinates and vice versa (in 2D only)
  - **Differential Calculus**: Concept of limits. Four standard limits, Differentiation by definition of X, sin x, cos x, tan x, e. Differentiation of sum, product and quotient of functions, Differentiation of function of a function, Differentiation of trigonometric inverse function. Logarithmic differentiation, Successive differentiation (excluding n order)
  - **Integral Calculus**: Integration as inverse operation of differentiation, Simple integration by substitution, by parts and by partial fractions (for linear factors only). Evaluation of definite integrals (simple problems), Numerical integration: Applications of Simpson’s rule and Trapezoidal rule (without proof)
  - **Calculus**: Successive differentiation, expansion of functions, Maclaurin’s and Taylor’s theorems, Maxima and minima up to two independent variables, Indeterminate forms, Jacobian of three functions, Partial differentiation, Asymptotes, curvature, Envelopes, Double point and curve tracing (Polar and Cartesian), Standard reduction formulae, Integration as the limit of a sum, simple definite integrals
  - **Abstract Algebra**: Sets and Logic. The well-ordering principle, the division algorithm, The fundamental theorem of arithmetic, congruence modulo, Equivalence relations and Equivalence classes, Groups: Definition, example and properties, permutation and Permutation group, Subgroup and their properties, Cosets and Coset decomposition, Lagrange’s theorem and its corollaries include Fermat’s Theorem, Cyclic group, Normal subgroup, centre of a group, Quotient group, Homomorphism and Isomorphism, fundamental theorem of homomorphism, Cayley’s theorems

**SECTION B**

- For Diploma Holders in Engineering:
  - **Algebra**: Arithmetic progression, its nth term, sum of n terms with their applications to engineering problems. Geometrical progression, its nth term and sum of n terms and to infinity with application to engineering problems. Partial fractions (excluding repeated quadratic factors) formally introduction of permutations and combinations, applications of formulae for p, c. Binomial theorem (expansion without proof) for positive integral index (expansion and general term), Binomial theorem for any index (expansion without proof only). First and second binomial approximation with application to engineering problems.
  - **Trigonometry**: Concepts of angels, measurement of angles in degrees, grades and radians and their conversions. Trigonometrical ratios and their relations. Review of ratios of some standard angles (0, 30, 45, 60, 90 degrees), T-Ratios of allied angles (without proof), Sum, difference formulae and their applications (without proof).
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**SECTION C**

- For Science Graduates (B.Sc.):
  - **Calculus**: Successive differentiation, expansion of functions, Maclaurin’s and Taylor’s theorems, Maxima and minima up to two independent variables, Indeterminate forms, Jacobian of three functions, Partial differentiation, Asymptotes, curvature, Envelopes, Double point and curve tracing (Polar and Cartesian), Standard reduction formulae, Integration as the limit of a sum, simple definite integrals
  - **Abstract Algebra**: Sets and Logic. The well-ordering principle, the division algorithm, The fundamental theorem of arithmetic, congruence modulo, Equivalence relations and Equivalence classes, Groups: Definition, example and properties, permutation and Permutation group, Subgroup and their properties, Cosets and Coset decomposition, Lagrange’s theorem and its corollaries include Fermat’s Theorem, Cyclic group, Normal subgroup, centre of a group, Quotient group, Homomorphism and Isomorphism, fundamental theorem of homomorphism, Cayley’s theorems

**General Aptitude.** Compulsory for all the candidates.
# Course Structure

**Computer Science & Engineering**

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<th>Practical</th>
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**Theory**

- Engineering Chemistry
- Engineering Mathematics–I
- Fundamental of Mechanical Engineering
- Problem Solving Through ‘C’
- Vedic Science & Engineering
- Environmental Studies
- Engineering Chemistry Lab
- Basic Mechanical Engineering Lab
- Computer Programming Lab
- Engineering Graphics
- Physical Training & Yoga

**Practical**

- Engineering Physics
- Engineering Mathematics–II
- Basic Electrical Engineering
- Basic Electronics Engineering
- Basic Manufacturing Process
- Engineering Physics Lab
- Basic Electrical Engineering Lab
- Basic Electronics Engineering Lab
- Workshop Practice
- Technical Communication
- Data Structure-I
- Engineering Mathematics–III
- Computer Architecture BEC
- Digital Electronics
- Software Engineering
- Network Analysis & Synthesis
- Data Structure-I Lab
- Simulation Lab
- Computer Architecture Lab
- Digital Electronics Lab
- Software Project Management
- Discrete Mathematics
- Operating System
- Numerical Analysis
- Database Management System
- Bhartiya Gyan Parampara

**Theory**

- Java Programming
- Cloud Computing
- Design Analysis of Algorithm
- Microprocessor and Microcontroller
- Theory of Computation
- Enterprise Computing with Java
- Distributed System
- Data Structure-II
- Artificial Intelligence
- DSCS3-.net Technologies
- Enterprise Computing with Java Lab
- .net Technologies Lab
- Distributed System Lab
- Data Structure-II Lab
- Compiler Design
- Optimization Techniques
- Cryptography & Network Security
- UNIX/BCE-EElective
- UNIX Lab
- Cryptography & Network Security Lab
- Minor Project
- Project/Seminar

**Practical**

- Computer Programming Lab
- Computer Networks Lab
- Cloud Computing Lab
- Operating System Lab
- DBMS Lab
- Object Oriented Programming Lab
# SEMESTER VIII

**Theory**
- Four Elective Paper
- Elective-I
- Elective-II
- Elective-III
- Elective-IV

**Practical**
- BCE-C860 Major Project
- BCE-E801 Distributed Database Management System
- BCE-E802 Advance Computer Network
- BCE-E803 Parallel Algorithms
- BCE-E804 Commerce
- BCE-E805 Digital Image Processing
- BCE-E806 Industrial Economics & Business Administration
- BCE-E807 Natural Language Processing
- BCE-E808 Real Time Systems
- BCE-E809 Embedded Systems
- BCE-E810 Advance Computer Architecture
- BCE-E811 Mobile Application Development
- BCE-E812 Big Data
- BCE-E813 Computer Vision
- BCE-E814 Rational Database Management System
- BCE-E815 Storage Management
- BCE-E816 Open Source Software
- BCE-E817 Information Security
- BCE-E818 Soft Computing
- BCE-E819 Business Intelligence

**ELECTRICAL ENGINEERING**
(इलैक्ट्रिकल इंजीनियरिंग)

**B.Tech. 1 Year**

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**Practical**
- BEE-C451
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- BAM-C452
- BCE-C454

**SEMESTER IV**

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**Theory**
- Engineering Physics
- Engineering Mathematics
- Basic Electrical Engineering
- Basic Electronics Engineering
- Basic Manufacturing Process
- LabTechnical Communication Lab
- Engineering Physics Lab
- Basic Electrical Engineering Lab
- Basic Electronics Engineering Lab
- Workshop Practice

**Practical**
- BEE-C451
- BEE-C452
- BAM-C452
- BCE-C454

**Theory**
- Engineering Chemistry
- Engineering Mathematics-II
- Fundamental of Mechanical Engineering
- Problem solving through ‘C’
- Vedic Science & Engineering
- Environmental Studies

**SEMESTER II**

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**Practical**
- BCE-C451
- BCE-C452
- BAM-C452
- BCE-C454

**Theory**
- Engineering Mathematics-III
- Electrical Machines-I
- Network Analysis and Synthesis
- Electrical Measurement and Measuring Instruments
- Electronic Devices and Circuits
- Computer Organization
- Electrical Machine-I Lab
- Measurement Lab
- Seminar
- Electronic Devices and Circuits Lab

**SEMESTER III**

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**Practical**
- BCE-C451
- BCE-C452
- BAM-C452
- BCE-C454

**Theory**
- Electrical Machines-II
- Electrical Engineering Materials
- Electromagnetic Field Theory
- Signals and Systems
- C & Data Structure
- Numerical Analysis
- Bhartiya Gyan Parampara

**SEMESTER IV**

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**Practical**
- BCE-C451
- BCE-C452
- BAM-C452
- BCE-C454

**Theory**
- Power System-I
- Power Electronics
- Automatic Control System
- Object Oriented Programming using C++
- Digital Electronics
**ELECTRONICS & COMMUNICATION ENGINEERING**

(B) 2008

**B.Tech. I Year**

**SEMESTER I**

**Theory**

- BAC-C101 Engineering Chemistry
- BEM-C101 Engineering Mathematics—I
- BCE-C101 Fundamental of Mechanical Engineering
- BHU-S101 Vedic Science & Engineering

**Practical**

- C-C 101 Engineering Chemistry Lab
- A-101 Environmental Studies PRACTICA LBA

**SEMESTER II**

**Theory**

- BAP-C 201 Engineering Physics
- BEM-C 201 Engineering Mathematics—II
- BET-C 201 Basic Electrical Engineering
- BME-C 202 Basic Electronics Engineering

**Practical**

- BAP-C 251 Engineering Physics Lab
- BEG-A 251 Technical communication Lab

**List of Elective**

- BEE-G 803 Static Relays
- BEE-G 804 Commutator Machines
- BEE-G 807 Computer Methods in Power System Analysis
- BEE-G 808 Virtual Instrumentation
- BEE-G 802 POWER GENERATION SYSTEMS

**SEMESTER VII**

**List of Elective**

- BEE-G 803 Renewable Energy Systems
- BEE-G 804 Modern Control Systems
- BEE-G 807 Computer Methods in Power System Analysis
- BEE-G 808 Virtual Instrumentation
- BEE-G 802 POWER GENERATION SYSTEMS

**SEMESTER VIII**

**List of Elective**

- BEE-G 803 Renewable Energy Systems
- BEE-G 804 Modern Control Systems
- BEE-G 807 Computer Methods in Power System Analysis
- BEE-G 808 Virtual Instrumentation
- BEE-G 802 POWER GENERATION SYSTEMS

**BHU-G 801 Entrepreneurship Development**
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# MECHANICAL ENGINEERING

(मैखनिकल इन्जीनियरिंग)

**B.Tech. I Year**

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<td>Basic Manufacturing Process</td>
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### Theory

- Environmental Studies
- Vedic Science & Engineering
- Fundamental of Mechanical Engineering
- Problem Solving Through 'C'
- Engineering Mathematics-II
- Engineering Chemistry

### Practical

- Engineering Chemistry Lab
- Basic Mechanical Engineering Lab
- Computer Programming Lab
- Engineering Graphics
- Physical training and yoga

### SEMESTER II

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### Theory

- Measurement, Metrology and Control
- Manufacturing Science-II
- Principles and Practices of Management
- Automatic Control System

### Practical

- Fluid Machines Lab
- Measurement, Metrology and Control Lab
- Manufacturing Science-II Lab
- Seminar

### SEMESTER III

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Elective - I & II (Seventh semester)

- BME-E 711 Advanced Materials Technology
- BME-E 712 Advanced Synthesis of Mechanisms
- BME-E 713 Thermal Turbo Machines
- BME-E 714 Unconventional Manufacturing Processes
- BME-E 715 Automobile Engineering
- BME-E 716 Computer Aided Design (CAD)
- BME-E 717 Computer Aided Manufacturing (CAM)
- BME-E 718 Product Development and Design
- BME-E 719 Robotics
- BME-E 720 Operations Management: Models & Concepts

Elective - III, IV & V (Eighth semester)

- BME-E 821 Total Quality Management (TQM)
- BME-E 822 Non Destructive Testing
- BME-E 823 Concurrent Engineering
- BME-E 824 Automatic Controls
- BME-E 825 Optimization Techniques in Engineering
- BME-E 826 Advanced Welding Processes
- BME-E 827 Maintenance Engineering & Management
- BME-E 828 Advanced Dynamics of Machinery
- BME-E 829 Mechanical System Design
- BME-E 830 Project Management
- BME-E 831 Foundry Engineering
- BME-E 832 Finite Element Methods
- BME-E 833 Nanotechnology and Nanocomputing

NOTE: Electives will be offered depending upon the availability of teaching staff and minimum thirty students should opt for a particular
### List of Faculty Members

#### Applied Physics
1. Sunil Panwar, Asso. Prof. & Dean
2. Devendra Singh, Assistt. Prof.

#### Applied Chemistry
2. Ajay Kumar, Assistt. Prof.

#### Applied Mathematics
1. Vivek Goel, Assistt. Prof.
2. L.K. Joshi, Assistt. Prof.
3. Rudraman, Assistt. Prof.
4. Assistt. Prof. Vacant

#### Computer Science & Engineering
1. Mayank Aggrawal, Asso. Prof.
2. Suyash Bhardwaj, Assistt. Prof.
3. Namit Khanduja, Assistt. Prof.
4. Nishant Kumar, Assistt. Prof.
5. Vivudh Fore, Assistt. Prof.
6. Mukesh Chandra, Assistt. Prof.
7. Agam Goyal, Assistt. Prof.
8. Assistant Professor Vacant
9. Assistant Professor Vacant
10. Assistant Professor Vacant
11. Assistant Professor Vacant

#### Electronics & Communication Engineering
1. Vipul Sharma, Asso. Prof.
2. Tanuj Garg, Assistt. Prof.
3. Anuj Kumar Sharma, Assistt. Prof.
4. Shiv Kumar, Assistt. Prof.
5. Prateek Aganwal, Assistt. Prof.
6. Vivek Kumar, Assistt. Prof.
7. G.K. Malik, Assistt. Prof.
8. Atul kumar Varshney, Assistt. Prof.
10. Amrish Kumar, Assistt. Prof.
11. Assistant Professor, Vacant
12. Assistant Professor, Vacant
13. Assistant Professor, Vacant
14. Assistant Professor, Vacant

#### Electrical Engineering
1. G.S. Rawat, Assistt. Prof.
2. Yogesh Kumar, Assistt. Prof.
3. Brijesh Kumar, Assistt. Prof.
4. Assistant Professor, Vacant
5. Assistant Professor, Vacant
6. Assistant Professor, Vacant
7. Assistant Professor, Vacant
8. Assistant Professor, Vacant
9. Assistant Professor, Vacant
10. Assistant Professor, Vacant
11. Assistant Professor, Vacant
12. Assistant Professor, Vacant

### प्राध्यापकों की सूची

#### अप्लाइड फिजिक्स
1. सुनिल पानवर, एसोशिएट प्रोफेसर & डी एन
2. देवेंद्र सिंह, एसोशिएट प्रोफेसर

#### अप्लाइड कैमिस्ट्री
1. ए.एम. तिवारी, एसोशिएट प्रोफेसर
2. अजय कुमार, एसोशिएट प्रोफेसर

#### अप्लाइड मैथमेटिक्स
1. विवेक गोयल, एसोशिएट प्रोफेसर
2. लोकेश कुमार जोशी, एसोशिएट प्रोफेसर
3. अन्नमंगल, एसोशिएट प्रोफेसर
4. एसोशिएट प्रोफेसर वैकेंसी

#### कम्युटर साइंस एंड इंजीनियरिंग
1. ममक अवबल, एसोशिएट प्रोफेसर
2. सुयश भारद्वाज, एसोशिएट प्रोफेसर
3. निषाद लखपुरा, एसोशिएट प्रोफेसर
4. निनिरंत्रण कुमार, एसोशिएट प्रोफेसर
5. विवृण फोर, एसोशिएट प्रोफेसर
6. यूमें चांड, एसोशिएट प्रोफेसर
7. ममक गोयल, एसोशिएट प्रोफेसर
8. एसोशिएट प्रोफेसर वैकेंसी
9. एसोशिएट प्रोफेसर वैकेंसी
10. एसोशिएट प्रोफेसर वैकेंसी
11. एसोशिएट प्रोफेसर वैकेंसी

#### इलेक्ट्रॉनिक्स एंड कम्युनिकेशन इंजीनियरिंग
1. विपूल शर्मा, एसोशिएट प्रोफेसर
2. तनुज गर्ग, एसोशिएट प्रोफेसर
3. अनुज कुमार शर्मा, एसोशिएट प्रोफेसर
4. शिव कुमार, एसोशिएट प्रोफेसर
5. प्रतीक अवबल, एसोशिएट प्रोफेसर
6. विवेक कुमार, एसोशिएट प्रोफेसर
7. जी. के. मलिक, एसोशिएट प्रोफेसर
8. अंतुल कुमार बार्नोप, एसोशिएट प्रोफेसर
9. आशीष नैनवाल, एसोशिएट प्रोफेसर
10. अमित रसायन, एसोशिएट प्रोफेसर
11. एसोशिएट प्रोफेसर वैकेंसी
12. एसोशिएट प्रोफेसर वैकेंसी
13. एसोशिएट प्रोफेसर वैकेंसी
14. एसोशिएट प्रोफेसर वैकेंसी

#### इलेक्ट्रिकल इंजीनियरिंग
1. जी.एस. रावत, एसोशिएट प्रोफेसर
2. वोकेश कुमार, एसोशिएट प्रोफेसर
3. ब्रिजेश कुमार, एसोशिएट प्रोफेसर
4. एसोशिएट प्रोफेसर वैकेंसी
5. एसोशिएट प्रोफेसर वैकेंसी
6. एसोशिएट प्रोफेसर वैकेंसी
7. एसोशिएट प्रोफेसर वैकेंसी
8. एसोशिएट प्रोफेसर वैकेंसी
9. एसोशिएट प्रोफेसर वैकेंसी
10. एसोशिएट प्रोफेसर वैकेंसी
11. एसोशिएट प्रोफेसर वैकेंसी
12. एसोशिएट प्रोफेसर वैकेंसी
### Invited Faculty

1. S.K. Lambha  
   Assistant Professor  
2. P.K. Pandey  
   Assistant Professor  
3. R.K. Prajapati  
   Assistant Professor  
4. Jaseer Singh  
   Assistant Professor  
5. Kapildev Sharma  
   Assistant Professor  
6. Sunil Kumar  
   Assistant Professor  
7. Shobhit Srijavastava  
   Assistant Professor  
8. Kapil Mittal  
   Assistant Professor  
9. Amit Meena  
   Assistant Professor  
10. Assistant Professor Vacant
11. Assistant Professor Vacant
12. Assistant Professor Vacant

### Assistant Professor

1. S.S. Pattnaik  
   Professor  
   V.C. Odisha Technical University
2. K. Rajanna  
   Professor  
   IISc, Bangalore
3. S. Raghwan  
   Professor  
   NIT, Tiruchirapalli
4. Dharmendra Singh  
   Associate Professor  
   IIT, Roorkee
5. S.C. Gupta  
   Professor (Retd.)  
   IIT, Roorkee
6. R.P.S. Gangwar  
   Professor  
   G.B.P.U., Pantnagar
7. H.R.P. Yadav  
   Director (Delhi Cell)  
   Institution of Engineers
8. H.S. Dhami  
   Professor  
   SSJ Campus Kumaun Univ. Almora
9. M.J. Nigam  
   Professor  
   IIT, Roorkee
10. Padam Kumar  
    Professor  
    IIT, Roorkee
11. Beerpal  
    Professor  
    C.C.S. Univ., Meerut
12. S.K. Tomar  
    Professor  
    MJP Rohilkhand Univ., Bareilly
13. A.K. Ahiuwalla  
    Associate Professor  
    Ghaziabad
14. Venko N. Beschkov  
    Director  
    Institute of Chemical Engineering  
    Sophia Bulgaria
15. Gagan Mata  
    Associate Professor  
    G.K.V., Haridwar
16. Rakesh Bhutiani  
    Associate Professor  
    G.K.V., Haridwar
17. S.K. Gupta  
    Professor Emeritus  
    University of Rajasthan, Jaipur
18. K.C. Singh  
    Professor  
    M.D. University, Rohatik

### Mechanical Engineering

1. S.K. Lambha  
   Assistant Professor
2. P.K. Pandey  
   Assistant Professor
3. R.K. Prajapati  
   Assistant Professor
4. Jaseer Singh  
   Assistant Professor
5. Kapildev Sharma  
   Assistant Professor
6. Sunil Kumar  
   Assistant Professor
7. Shobhit Srijavastava  
   Assistant Professor
8. Kapil Mittal  
   Assistant Professor
9. Amit Meena  
   Assistant Professor
10. Assistant Professor Vacant
11. Assistant Professor Vacant
12. Assistant Professor Vacant
13. S.S. Pattnaik  
    Professor  
    V.C. Odisha Technical University
14. K. Rajanna  
    Professor  
    IISc, Bangalore
15. S. Raghwan  
    Professor  
    NIT, Tiruchirapalli
16. Dharmendra Singh  
    Associate Professor  
    IIT, Roorkee
17. S.C. Gupta  
    Professor (Retd.)  
    IIT, Roorkee
18. R.P.S. Gangwar  
    Professor  
    G.B.P.U., Pantnagar
19. H.R.P. Yadav  
    Director (Delhi Cell)  
    Institution of Engineers
20. H.S. Dhami  
    Professor  
    SSJ Campus Kumaun Univ. Almora
21. M.J. Nigam  
    Professor  
    IIT, Roorkee
22. Padam Kumar  
    Professor  
    IIT, Roorkee
23. Beerpal  
    Professor  
    C.C.S. Univ., Meerut
24. S.K. Tomar  
    Professor  
    MJP Rohilkhand Univ., Bareilly
25. A.K. Ahiuwalla  
    Associate Professor  
    Ghaziabad
26. Venko N. Beschkov  
    Director  
    Institute of Chemical Engineering  
    Sophia Bulgaria
27. Gagan Mata  
    Associate Professor  
    G.K.V., Haridwar
28. Rakesh Bhutiani  
    Associate Professor  
    G.K.V., Haridwar
29. S.K. Gupta  
    Professor Emeritus  
    University of Rajasthan, Jaipur
30. K.C. Singh  
    Professor  
    M.D. University, Rohatik

###機械工学

1. S.K. Lambha  
   助教授
2. P.K. Pandey  
   助教授
3. R.K. Prajapati  
   助教授
4. Jaseer Singh  
   助教授
5. Kapildev Sharma  
   助教授
6. Sunil Kumar  
   助教授
7. Shobhit Srijavastava  
   助教授
8. Kapil Mittal  
   助教授
9. Amit Meena  
   助教授
10. 助教授未定
11. 助教授未定
12. 助教授未定
13. S.S. Pattnaik  
    教授  
    Odisha Technical University
14. K. Rajanna  
    教授  
    IISc, Bangalore
15. S. Raghwan  
    教授  
    NIT, Tiruchirapalli
16. Dharmendra Singh  
    助教授  
    IIT, Roorkee
17. S.C. Gupta  
    教授 (定年)  
    IIT, Roorkee
18. R.P.S. Gangwar  
    教授  
    G.B.P.U., Pantnagar
19. H.R.P. Yadav  
    (ディリジント)  
    Institution of Engineers
20. H.S. Dhami  
    教授  
    SSJ Campus Kumaun Univ. Almora
21. M.J. Nigam  
    教授  
    IIT, Roorkee
22. Padam Kumar  
    教授  
    IIT, Roorkee
23. Beerpal  
    教授  
    C.C.S. Univ., Meerut
24. S.K. Tomar  
    教授  
    MJP Rohilkhand Univ., Bareilly
25. A.K. Ahiuwalla  
    助教授  
    Ghaziabad
26. Venko N. Beschkov  
    (ディリジント)  
    Institute of Chemical Engineering  
    Sophia Bulgaria
27. Gagan Mata  
    助教授  
    G.K.V., Haridwar
28. Rakesh Bhutiani  
    助教授  
    G.K.V., Haridwar
29. S.K. Gupta  
    教授定年  
    University of Rajasthan, Jaipur
30. K.C. Singh  
    教授  
    M.D. University, Rohatik
### PROCTORIAL BOARD

**Dr. R.K.S. Dagar, Chief Proctor**
(M.9837571466)

#### MAIN CAMPUS
1. Prof. Ishwar Bhardwaj (Member)
2. Prof. P.C. Joshi (Member)
3. Prof. L.P. Purohit (Member)
4. Dr. Rishi Kumar Shukla (Member)
5. Dr. Rajkumar (Member)
6. Dr. Rakesh Bhuviyan (Member)
7. Dr. Surendra Kumar Tyagi (Member)
8. Dr. Nitin Kamboj (Member)
9. Dr. Vipul Bhatt (Member)
10. Dr. Ajendra Kumar (Member)
11. Dr. Ajay Malik (Member)
12. Dr. Shiv Kumar Chauhan (Member)
13. Sh. Aswani Kumar (for Office)

#### FET CAMPUS
1. Dr. M.M. Tiwari (Co-ordinator)
2. Dr. Sanjeev Lamba (Member)
3. Dr. Namit Khanduja (Member)
4. Dr. Ajay Kumar (Member)
5. Dr. Dharmendra Baliyan (Member)

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### अनुशासन समिति

**डॉ. आर.के.एस. डागर, मुख्य अनुशासन अधिकारी**
(M. 9837571466)

**मुख्य परिसर**
1. प्रो. इशवर भार्दवाज (सदस्य)
2. प्रो. अ.स. जोशी (सदस्य)
3. प्रो. एल.पी. पुरोहित (सदस्य)
4. डा. अश्विनी कुमार शुक्ला (सदस्य)
5. डा. राजकुमार (सदस्य)
6. डा. गकेश भट्ट (सदस्य)
7. डा. सुरेंद्र कुमार त्यागी (सदस्य)
8. डा. नितिन काम्बोज (सदस्य)
9. डा. विजय पठाट (सदस्य)
10. डा. अजय कुमार (सदस्य)
11. डा. अजय मलिक (सदस्य)
12. डा. शिवकुमार चौहान (सदस्य)
13. श्री अरविंद कुमार (कार्यालय के लिये)

**इंजीनियरिंग परिसर**
1. डा. एम.एम. तिवारी (समन्वयक)
2. डा. विजय मलिक (सदस्य)
3. डा. अजय कुमार (सदस्य)
4. डा. भारत पिराई (सदस्य)
5. डा. धर्मेंद्र बालियान (सदस्य)
In order to facilitate the students counseling centre, equal opportunity cell, women empowerment cell and students grievance cell have been established in the Vishwavidyalaya as per direction of U.G.C.

**Students Counseling Centre**
Prof. S.K. Srivatava, Dept. of Psychology Advisor/Chairman  
Dr. Mudita Agnihotri, K.G.C., Haridwar Member  
Sh. Arun Kumar, Dept. of Psychology Member  

**Student Grievance Cell**
Prof. Namita Joshi, K.G.C., Haridwar Member  
Prof. Surekha Rana, K.G.C., Dehradun Member  
Dr. Sunil Panwar, F.E.T. Member  
Sh. Nalnish Vig, Legal Officer Member  
Dr. R.K.S. Dagar, Dept. of Physical Ed. & Sports Convenor  

One student from the place of incidence concerned  
Sp. Invitee

**Equal Opportunity Cell**
Prof. R.D. Kaushik, Dept. of Chemistry Chairman  
Prof. Rakesh Kumar Sharma, Dept. of A.I.H.C. Member  
Prof. L.P. Purohit, Dept. of Physics Member  
Prof. Seema Sharma, K.G.C., Haridwar Member  
Dr. Heman Pathak, K.G.C., Dehradun Member  
Dr. Vipul Sharma, F.E.T. Member  

**Women Empowerment Cell**
Prof. Sangeeta Singh, K.G.C., Haridwar Chairman  
Prof. Hemlatha K., K.G.C., Dehradun Member  
Prof. Namita Joshi, K.G.C., Haridwar Member  
Prof. Shyam Lata Juyal, K.G.C., Haridwar Member  
Dr. Vipul Sharma, F.E.T. Member  
Smt. Mamta Garg, K.G.C., Haridwar Convenor

**Sports Council**
1. Dr. Surendra Kumar, Vice Chancellor (President)  
2. Prof. Vinod Kumar, Registrar (Member)  
3. Sri. R.K. Mishra, Finance Officer (Member)  
4. Prof. Sangeeta Vidyalankar, Co-ordinator (Member)  
5. Dr. Surekha Rana, Co-ordinator (Member)  
6. Prof. Ishwar Bhardwaj (Member)  
7. Prof. Roop Kishore Shastri (Member)  
8. Prof. Pankaj Madan (Member)  
9. Prof. Rakesh Sharma, (Member)  
10. Prof. P.C. Joshi (Member)  
11. Dr. Rishi Kumar Shukla (Member)  
12. Dr. Ajay Malik (Member)  
13. Dr. Shiv Kumar Chauhan (Member)  
14. Dr. Dharmendra Baliyan (Member)  
15. Dr. RKS Dagar (Secretary)

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Dr. Sunil Panwar, F.E.T. Member  
Sh. Nalnish Vig, Legal Officer Member  
Dr. R.K.S. Dagar, Dept. of Physical Ed. & Sports Convenor  

One student from the place of incidence concerned  
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Prof. Rakesh Kumar Sharma, Dept. of A.I.H.C. Member  
Prof. L.P. Purohit, Dept. of Physics Member  
Prof. Seema Sharma, K.G.C., Haridwar Member  
Dr. Heman Pathak, K.G.C., Dehradun Member  
Dr. Vipul Sharma, F.E.T. Member  

**Women Empowerment Cell**
Prof. Sangeeta Singh, K.G.C., Haridwar Chairman  
Prof. Hemlatha K., K.G.C., Dehradun Member  
Prof. Namita Joshi, K.G.C., Haridwar Member  
Prof. Shyam Lata Juyal, K.G.C., Haridwar Member  
Dr. Vipul Sharma, F.E.T. Member  
Smt. Mamta Garg, K.G.C., Haridwar Convenor

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4. Prof. Sangeeta Vidyalankar, Co-ordinator (Member)  
5. Dr. Surekha Rana, Co-ordinator (Member)  
6. Prof. Ishwar Bhardwaj (Member)  
7. Prof. Roop Kishore Shastri (Member)  
8. Prof. Pankaj Madan (Member)  
9. Prof. Rakesh Sharma, (Member)  
10. Prof. P.C. Joshi (Member)  
11. Dr. Rishi Kumar Shukla (Member)  
12. Dr. Ajay Malik (Member)  
13. Dr. Shiv Kumar Chauhan (Member)  
14. Dr. Dharmendra Baliyan (Member)  
15. Dr. RKS Dagar (Secretary)
ANTI RAGGING SQUAD AND ANTI RAGGING COMMITTEE

Dr. Surender Kumar, Vice Chancellor- Chairman (Tel. No.249002)
Prof. M.R. Verma, English Deptt. - Nodal Officer (M. 9411732687)

Anti Ragging Squad

1. Main Campus & Hostel (For Boys)
   Dr. R.K.S. Dagar, Chief Proctor-Convenor (M.9837571466)
   Prof. V.K. Singh, Deptt. of Management Studies
   Prof. Navneet, Deptt. of Botany & Microbiology
   Prof. Prabhat Kumar, Deptt. of A.I. Indian History Culture & Arch.
   Prof. L.P. Purohit, Deptt. of Physics
   All Hostel Wardens (Ex-officio)
   Junior Student, Senior Student and Guardian nominated by Chairman

2. Faculty of Engineering & Technology and Hostel
   (For Boys)
   Dr. M.M. Tiwari-Convenor (M. 9411755444)
   Dr. Mayank Agarwal
   Dr. Vivek Goel
   Sh. Sanjeev Kumar Lambha
   Sh. Tanuj Garg
   Dr. Dharmedra Baliyan
   All Hostel Wardens (Ex-officio)
   Junior Student, Senior Student and Guardian nominated by Chairman

Anti Ragging Committee

1. Main Campus & Hostel (For Boys)
   Prof. Ishwar Bhardwaj, Human Consc. & Yogic Sci. Dept.-Convener (Mob: 9412025142)
   Prof. Somdev Shatanshu, Deptt. of Sanskrit
   Prof. R.C. Dubey, Deptt. of Botany & Microbiology
   Prof. V.K. Singh, Deptt. of Management Studies
   All Hostel Wardens (Ex-officio)
   Junior Student, Senior Student and Guardian nominated by Chairman

2. Faculty of Engineering &Technology and Hostel
   (For Boys)
   Prof. R.D. Kaushik, Convenor (M. 7351739000)
   Dr. Sunil Panwar, Dean
   Dr. M.M. Tiwari
   Dr. Vipul Sharma
   Dr. Lokesh Kumar Joshi
   All Hostel Wardens (Ex-officio)
   Junior Student, Senior Student and Guardian nominated by Chairman
### ACADEMIC CALENDER (Session 2017-2018)

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>1.</td>
<td>Last Date of submitting examination form for odd semester</td>
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<td>2.</td>
<td>First Sessional Exam</td>
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<tr>
<td>3.</td>
<td>Second Sessional Exam</td>
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<tr>
<td>4.</td>
<td>Last teaching day of odd semester</td>
</tr>
<tr>
<td>5.</td>
<td>Start of odd semester examination</td>
</tr>
<tr>
<td>6.</td>
<td>Start of teaching of even semester</td>
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<tr>
<td>7.</td>
<td>Last Date of submitting examination form for even sem.</td>
</tr>
<tr>
<td>8.</td>
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<tr>
<td>9.</td>
<td>Second Sessional Exam</td>
</tr>
<tr>
<td>10.</td>
<td>Last teaching day for even semester</td>
</tr>
<tr>
<td>11.</td>
<td>Start of even semester examination</td>
</tr>
<tr>
<td>12.</td>
<td>Summer vacation (for students only)</td>
</tr>
</tbody>
</table>

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<table>
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<tbody>
<tr>
<td>10 Aug, 2017</td>
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<td>30 Oct, 2017</td>
<td>By end of Sep, 2017</td>
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<td>01 June to 15 July, 2018</td>
<td>01 June to 15 July, 2018</td>
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**Note:** Alleration can be made in the above dates, if required.

### एक्चेडेमिक कैलेंडर (शिक्षा सत्र 2017-2018)

<p>| | |</p>
<table>
<thead>
<tr>
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<tbody>
<tr>
<td>1.</td>
<td>विषय सेमेस्टर के परीक्षाफ़र्म जमा करने की अंतिम तिथि</td>
</tr>
<tr>
<td>2.</td>
<td>प्रथम सत्रीय मूल्यांकन परीक्षा</td>
</tr>
<tr>
<td>3.</td>
<td>द्वितीय सत्रीय मूल्यांकन परीक्षा</td>
</tr>
<tr>
<td>4.</td>
<td>विषय सेमेस्टर की कक्षाओं के अध्यापन का अंतिम विख्यात</td>
</tr>
<tr>
<td>5.</td>
<td>विषय सेमेस्टर की परीक्षा आरम्भ</td>
</tr>
<tr>
<td>6.</td>
<td>सम सेमेस्टर की कक्षाओं का अध्यापन कार्य प्रारम्भ</td>
</tr>
<tr>
<td>7.</td>
<td>सम सेमेस्टर परीक्षा कार्य करने की अंतिम तिथि</td>
</tr>
<tr>
<td>8.</td>
<td>प्रथम सत्रीय मूल्यांकन परीक्षा</td>
</tr>
<tr>
<td>9.</td>
<td>द्वितीय सत्रीय मूल्यांकन परीक्षा</td>
</tr>
<tr>
<td>10.</td>
<td>सम सेमेस्टर की कक्षाओं के अध्यापन का अंतिम विख्यात</td>
</tr>
<tr>
<td>11.</td>
<td>सम सेमेस्टर की परीक्षा आरम्भ</td>
</tr>
<tr>
<td>12.</td>
<td>प्रश्न अवकाश (केवल छात्रों के लिये)</td>
</tr>
</tbody>
</table>

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>10 अगस्त, 2017</td>
<td>अगस्त द्वितीय सप्ताह तक</td>
</tr>
<tr>
<td>30 अक्टूबर, 2017</td>
<td>दिसंबर तक</td>
</tr>
<tr>
<td>15 नवंबर, 2017</td>
<td>1 जनवरी, 2018</td>
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<tr>
<td>1 जनवरी, 2018</td>
<td>20 जनवरी, 2018</td>
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<tr>
<td>30 मार्च, 2018</td>
<td>जनवरी, 2018 के अंत तक</td>
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<tr>
<td>16 अप्रैल, 2018</td>
<td>फरवरी, 2018 के अंत तक</td>
</tr>
<tr>
<td>01 जून से 15 जुलाई, 2018</td>
<td>01 जून से 15 जुलाई, 2018</td>
</tr>
</tbody>
</table>

**नोट:** उपरोक्त तिथियों में आवश्यकतानुसार परिवर्तन किया जा सकता है।
GURUKUL KANGRI VISHWAVIDYALAYA, HARIDWAR
FACULTY OF ENGINEERING & TECHNOLOGY
शुल्क तालिका (FEE STRUCTURE) 2017-18

<table>
<thead>
<tr>
<th>मद (Head)</th>
<th>I Yr</th>
<th>II Yr</th>
<th>III Yr</th>
<th>IV Yr</th>
</tr>
</thead>
<tbody>
<tr>
<td>वार्षिक शुल्क (Annual Fee)</td>
<td>78000</td>
<td>77950</td>
<td>77950</td>
<td>77950</td>
</tr>
<tr>
<td>सुरक्षाधान प्रयोगशाला (Lab. Caution Money)</td>
<td>1500</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>कुल योग रूपये में (Total in Rupees)</td>
<td>79500</td>
<td>77950</td>
<td>77950</td>
<td>77950</td>
</tr>
</tbody>
</table>

Note:
1. Fee will be deposited in single installment only preferably through demand draft at the time of admission.
2. Candidates taking Direct Admission to B.Tech. II year will have to pay Rs. 79500/- at the time of admission.
3. No application shall be entertained for refund of security money after one year of completion of the course.

HOSTEL
Hostel facility is available in the main campus of Vishwavidyalaya for B. Tech. Ist Year students only against limited seats.
- Hostel Fee Rs. 12000/- (Annual)
- Security Rs. 5000/- (Refundable)
- Bus Charges Rs. 4000/- (Annual)
- Mess charges* Rs. 24000/- (Annual)
  *Changeable

Note:-
1. Annual hostel fee includes hostel rent, electricity & water charges.
2. Mess charges will be adjusted on the basis of actual expenditure.

FEE OTHER HEADS
(FOR ALL COURSES)
- Degree/Certificate fee on convocation 300/-
  after convocation 400/-
- Provisional Certificate fee 200/-
- Recounting of marks fee per paper 200/-
- Migration submission late fee (monthly) 200/-
- Duplicate Certificate/Degree fee 400/-
- Duplicate Mark-sheet fee 200/-
- Migration Certificate fee 200/-
- Duplicate Migration fee 400/-
- Repeat Examination fee per paper 500/-
- Character Certificate fee 50/-
- Re-admission fee 200/-
- Upadhyay Praman Parchay Shuluk 300/-
  (Professor's Certificate)
- Upadhyay Praman Parchay Shuluk 400/-
- Purna. Adoption Shuluk Pratin Praman Parchay 200/-
- Madhyam Praman Shuluk (Mathematical) 200/-
- Madhyam Praman Shuluk 400/-
- Madhyam Praman Parchay Shuluk 200/-
- Madhyam Praman Parchay Shuluk 200/-
- Purna. Parchay Pratin Praman Parchay 50/-
- Parchay Praman Parchay Shuluk 200/-

Note:- Error, if any, is with subject to rectification in the Information Brochure.