INDIA’S LEADING PRIVATE UNIVERSITY

PROSPECTUS 2019-2020
Dear Students and Parents

Today, we are in the league of Top 150 universities in the country in NRF Ranking released by the Ministry of Human Resource Development, Government of India in April this year. Our School of Pharmaceutical Sciences figures among the Top 30 pharmacy colleges in India and MBA programme is clubbed in 51-75 band of top business schools. The figures culled out of NIRF data shows that Shoolini is the Second Best private university in our region including Himachal Pradesh, Chandigarh, Haryana, Punjab, J&K and Uttarakhand. Our research achievements outclass the average of 10 best NIRF-2018 listed universities of the country.

We have also developed a research programme for bright undergraduate students so that they have one or two research papers in Scopus or Thomson & Reuter listed journals for facilitating their entry into top global university. Shoolini is today the best Science University of the Country for pursuing bachelor, master and doctoral degrees.

The journey to excellence has been possible due to our outstanding students and faculty, committed governance and support from the foundation, strong alliances and linkages with industry and academia, imaginative teaching and focused research, and state-of-the-art infrastructure. We are still far away from achieving our goal of being among top 200 global universities by 2022. But consistent excellent performance of Shoolini in the national rankings has shown that we are on the right path.

Our ‘Mission 130’ aims at hundred per cent employability of our students with thirty per cent in world class careers. I say with pride that some of India’s and the world’s most renowned academicians, scientists and business managers are already collaborating with us to make this mission a reality. Shoolini has developed global partnerships with 45+ international universities like Seoul National University, University of Ulster, Chung Yuan Christian University, Lanzhou University, Arkansas University, to name a few. It is my pleasure to invite you to be a part of Shoolini University and help build an institution all of us are proud to be associated with.

Please do not hesitate to reach out to me for any questions or queries. I look forward to hearing from you.

PRoF PrEEm KuMaR KhosLA

An internationally renowned academician, with post doctorate in genetics from Oxford University, UK. Prof Khosla has added new dimensions to higher education and research in Indian Universities. He has served as Vice-Chancellor, HP University, Palampur (HP) and as Senior Scientific Advisor to the Government of Himachal Pradesh and has been responsible for guiding it’s biotechnology policy.

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INTRODUCTION
Shoolini, among India’s top private universities

Shoolini University is a leader in the field of academics & has made giant strides towards delivering quality education and research, & figures among Top 150 universities in the country as per MhRD National Rankings.

We are a non-profit multi-disciplinary private university with a vision to be a top 200 global university by 2022. In addition, we aspire to provide quality and relevant education to our students at an affordable and subsidized fee structure.

To achieve this aspiration, we have designed our business model around five areas of focus: attracting and retaining top national & international faculty; forging alliances with industry & academia of repute; governing through values & transparency; building world-class & environment friendly infrastructure; and attracting brilliant & needy students.

Nationally and internationally renowned academicians form the faculty at Shoolini University; one & a half dozen are post-docs and 65 PhDs who are involved in guiding innovative research to over 200 PhD scholars in a vibrant research environment.

The University has attracted more than Rupees 200 million as research grants on biotech related projects, which are funded by various national organizations. Shoolini has strategic academic alliances with leaders such as Genpact, Anand Automotive Group, several universities across the globe.

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06 Our System of Education
07 Our Doctoral Programme
08 Faculty of Biotechnology & Applied Sciences
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Our System of Education

Shoolini University has adopted a continuous education system with two semesters in an academic year. Each semester is of 18-22 weeks and ends with an examination followed by a break, which is usually spent on industrial/vocational training and educational tour to meet the degree requirements.

The degree is awarded under course credit system. Each course has a well-defined syllabus with specified number of credit hours for theory and practical classes. The research component also forms a part of the curriculum for postgraduate studies. The credit hours are regulated as follows:

- One credit hour of theory is one hour of classroom teaching.
- One credit hour of practical is two/three hours of teaching in the laboratory/workshop.

EXAMINATION

Undergraduate programme

The system of examination is internal. Besides, each student has to appear/submit assignment, presentation, quiz, surprise test, terminal examination etc.

Postgraduate Programme

Examination system is internal. It comprises of quiz, surprise test, 1st term, 2nd term and end term examinations.

EVALUATION

A student is evaluated in a course for both theory and practical, following Overall Grade Point Average (OGPA) system:

1. An undergraduate student is evaluated through continuous internal assessment and end term examination. He or she has to pass in both internal assessment and end term examination (separately in theory and practical).
2. Postgraduate students have to pass in theory and practical examinations separately.
3. A student is declared pass only if he or she secures the following minimum Grade Points in each subject andOGPA on a scale of 10:

   Undergraduate & Postgraduate Examinations (Other Than Pharmacy courses)

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4.0 grade point in each subject and in OGPA

Undergraduate & Postgraduate Examinations (Pharmacy courses)

As per PCI guidelines issued from time to time

4. Based on the performance of a student, each student (other than Pharmacy) is awarded a letter grade in each subject at the end of semester. The letter grades are: O, A+, A, B+, B, C, P and F and the corresponding grade points are: 10, 9, 8, 7, 6, 5, 4, 0.

For Pharmacy courses letter grading & attendance marks shall be awarded as per PCI guidelines.

ATTENDANCE

As per UGC guidelines no student will be allowed to appear in theory and practical end-term semester examination if he or she does not fulfill 75% of attendance. As per academic regulations, the following marks will be awarded for attendance:

- 95 Percent and above: 5 Marks
- 90-94 Percent: 4 Marks
- 85-89 Percent: 3 Marks
- 80-84 Percent: 2 Marks
- 75-79 Percent: 1 Mark

MAKE-UP EXAMINATION

Students, other than Pharmacy, who fail to get 4.0 grade point in a subject have to clear the subject through re-appear examination. PCI guidelines for make-up examination shall be applicable for pharmacy students.

Our Doctoral Programme

To achieve excellence in various spheres of biotechnology, engineering, basic sciences, pharmaceutical and management sciences, Shoolini University has adopted a research driven model. The PhD programmes at the university are central to that model, providing rigorous training for academic career and producing future leaders in research and education.

To maintain high standards of research, one of the examinations for the doctoral thesis shall be from outside India. A provision is also made for the appointment of an external guide for doctoral students from outside the country to match the international standards of research. For quality research, however, the PhD guides at the level of Assistant Professors shall be associated with external mentors, a step towards achieving faculty excellence.

PHD COURSES

Biotechnology/Microbiology/Pharmaceutical Sciences/Management/English/Yoga/Environment Science/Physics/Maths/Chemistry/Zoology/ Economics/Food Technology/Mechanical Engineering/Civil Engineering/CSE.

ELIGIBILITY

Master’s degree in the concerned subject/related discipline with at least 55% marks.

MODE OF ADMISSION

Admission is made through Shoolini University Entrance Test (UET)/NET/SAT/M Phil qualified candidates are exempted from entrance test, followed by personal interview before the admission committee of the university.

FELLOWSHIPS

Besides the fellowship amount, a JRF qualified candidate shall be provided with 50% tuition fee waiver. NET qualified candidates may also be considered for limited merit base financial assistance. For details visit university’s website; www.shooliniuniversity.com
Biotechnology is the application of scientific and engineering principles to the processing of materials by biological agents to provide goods and services. The 21st century is an era of discovery; each day scientists bring new understanding of cell cycle regulation of yeast meiosis, exploiting medicinal plants of Western Himalayas for cancer therapeutics using yeast fermentation, DNA and RNA isolation, industrial microbes screening and production. Biochemical analysis and standardization of analytical instruments. Graduate and post-graduate students are required to undertake research projects.

Considered among the best in the country in the Biotechnology rankings, the Faculty of Biotechnology research focuses on bio-molecular engineering, host-pathogen interaction, cloning and molecular characterization of industrially important proteins and enzymes, bio-fertilizers and bio-pesticides.

The Faculty of Biotechnology enjoys excellent reputation for well-qualified and trained faculty which include a dozen post docs trained from various institutions in USA and Europe. The Biotechnology Corporate Resource Centre acts as an interface between the students, teachers, and the corporate world for continuous interaction with the industry, sharing the industry experiences, understanding industry needs and providing the required support to the corporate world. The corporate partners include Biocon Ltd, Serum Institute India Ltd, ITC Ltd, Panacea Biotech, Syngene International Ltd, Daubert Ltd, JambalانتIANGorganys Ltd, Oicarium Bio-solutions and Neetar Life-Sciences Ltd.

The Faculty has also academic alliances with Seoul National University, South Korea, Ulster University, Northern Ireland, Sierra Bio Life, Australia and Chung Yuan Christian University, Taiwan for exchange of students. Transgenic Life Sciences & National Bureau of Fish Genetic Resources for collaborative biotech research and Upkar Pharmaceuticals, Tirupati. Medicare and Nutrapharma for strengthening programmes in Food Technology. It has formed mutually beneficial links with various industries for commercialising research leads of the university and students' projects and training.

Himachal's first commercial food testing laboratory is being set up with a financial outlay of Rs. 3 crore funded by ICAR through the Ministry of Food Processing industries (MoFPi). The project includes financial support to the corporate world. The corporate partners include Biocon Ltd, Serum Institute India Ltd, ITC Ltd, Panacea Biotech, Syngene International Ltd, Daubert Ltd, Jambal不足IANGorganys Ltd, Oicarium Bio-solutions and Neetar Life-Sciences Ltd.

In addition, the university has also received a financial assistance of Rs. 73.71 lakh under the Human Resource Development Scheme for creation of infrastructure Development facilities for B Tech and M Tech Food Technology courses by the MoFPi. The Faculty has also received an IPR cell at the university. The DST along with HPIC, ScSTE (Shimla) also sponsored an IPR cell at the university.

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Eligibility: MSc/Biotechnology/Any related branch of Life Sciences with minimum of 55% marks
Duration: 2 semesters: 1 semester coursework + 1 semester research
Basis of Admission: Through Shoolini University Entrance Test followed by personal interview before the admission committee of the university. JRF/NET/SAT qualified candidates are exempted from entrance test
No. of Seats: 12

M.Phil Microbiology
Eligibility: MSc/Biotechnology/Microbiology/any related branch of Life Sciences with minimum of 55% marks
Duration: 2 semesters: 1 semester coursework + 1 semester thesis research
Basis of Admission: Through Shoolini University Entrance Test followed by personal interview before the admission committee of the university. JRF/NET/SAT qualified candidates are exempted from entrance test
No. of Seats: 08

PhD Biotechnology
Eligibility: Master's degree in Biotechnology/related discipline with at least 55% marks.
Duration: 6 semesters: 1 semester coursework + 5 semester research
Basis of Admission: Through Shoolini University Entrance Test followed by personal interview before the admission committee of the university. JRF/NET/SAT/M.Phil qualified candidates are exempted from entrance test
No. of Seats: 15

PhD Microbiology
Eligibility: Master's degree in Microbiology/related discipline with at least 55% marks
Duration: 6 semesters: 1 semester coursework + 5 semester research
Basis of Admission: Through Shoolini University Entrance Test followed by personal interview before the admission committee of the university. JRF/NET/SAT/M.Phil qualified candidates are exempted from entrance test
No. of Seats: 08

School of Bioengineering & Food Technology

FACULTY MEMBERS

PROFESSOR OF EMINENCE/ADJUNCT & VISITING FACULTY
Prof. Umech Kumar Kohli
PhD, Post Doc, (Washington State University, USA); Professor of Emnience
Dr. Ramesh C. Chandan PhD; Adjunct Professor
Dr. Vipin Khosla PhD; Adjunct Professor
Dr. CK Shirikot PhD; Adjunct Professor
Dr. BB Lal Kaushal PhD; Visiting Professor

PROFESSORS

Dr. Dinesh Kumar PhD, PG Diploma in Bioinformatics, Post Doc experience in Ireland & Netherlands

ASSISTANT PROFESSORS/LECTURERS
Dr. Amit Seth, PhD, NET
Dr. PK Chauhan, PhD, NET
Dr. Ravinder Kaushik, PhD
Dr. Ankur Kushal, PhD, M.Tech
Er. Rupak Nagrak, M.Tech PhD (Pursuing) NET
Dr. Rahul Thory, PhD M.Sc NET
Mr. Mukul Kumar, M.Tech, PhD (Pursuing)
Dr. Ashok K Pathria, PhD/PhD Technology/NET
Dr. Shagun Gupta, PhD M.Sc

Dr. Rosey Dhantia, PhD
Mr. Suresh, Diploma Horticulture Management, MBA, M.Sc
Mr. Shikha Sharma, MBA, Management Assistant

ACADEMIC PROGRAMMES

- B Tech Biotechnology
- B Tech Biotechnology (Lateral Entry)
- B Tech Food Technology
- B Tech Food Technology (Lateral Entry)
- M Tech Biotechnology
- M Tech Food Technology
- M.Sc Food Technology
- PhD Food Technology

B Tech Biotechnology
(Food Biotechnology, Pharmaceutical & Healthcare, Bioinformatics, Biotechnology, Genetic Engineering, Instrumentation Biotechnology, Environmental Biotechnology, Agri-Biotechnology, seed biotechnology, Industrial Biotechnology)
Eligibility: 10+2 (PCM) with at least 50% marks.
Duration: 8 semesters
Basis of Admission: Through JEE/HPCET or any other recognised entrance test followed by personal interview. Vacant seats, after exhausting the merit list of JEE/HPCET, are to be filled on the basis of merit of 10+2 with candidates having at least 50% marks.
No. of Seats: 120

B Tech Biotechnology (Lateral Entry)
Eligibility: Diploma in Biotechnology or related subject with minimum of 50% marks.
Basic of Admission: By merit of qualifying examination
No of seats: As per AICTE/UGC norms

Industrial Training: Spread over different semesters for training in industrial environment and hands on training for food processing technologies, and maintenance of plants and machinery.

Food technology is a multidisciplinary field of applied physical sciences, microbiology, process engineering, management, marketing for food and related industries. It includes, but is not limited to, the application of agricultural engineering, mechanical engineering and chemical engineering principles to food materials.

M Tech Biotechnology
Eligibility: BE/ B Tech Biotechnology OR MSc Biotechnology/Microbiology/Biochemistry/any other branch of Life Sciences.
Duration: 4 semesters
Basis of Admission: Through GATE/HPCET or any other recognised entrance test followed by Personal Interview. Vacant seats, after exhausting the merit list of GATE/HPCET are to be filled on the basis of merit of candidates having at least 50% marks.
No. of Seats: 18

M Tech in Biotechnology is designed to provide students with a formal qualification in engineering at the master's level. Biotech engineers focus on gene cloning, genomics and proteomics, and other basic molecular techniques.

M Tech Food Technology
Eligibility: BE/ B Tech Food Technology/Agriculture/Biotechnology OR MSc Biotechnology/Microbiology/Biochemistry/any other branch of Life Sciences.
Duration: 4 semesters
Basis of Admission: Through GATE/HPCET or any other
recognised entrance test followed by Personal Interview. Va-
cant seats, after exhausting the merit list of GATE/HPCEET, are
to be filled on the basis of merit of B Tech with candidates
having at least 50% marks.
No. of Seats: 18
M Tech Food Technology course helps for planning and
managing a production process from raw materials to
finished product, taking food safety and quality into account.

M Sc Food Technology
Eligibility: B Sc, minimum marks 50%
Duration: 4 semesters
Basis of Admission: By merit of qualifying examination
No. of Seats: 30
Food Technology provides an effective and timely platform for
researchers in universities, research institutions, and
industries, to conduct research in cutting-edge process-
ing technologies, involved from the beginning of the food
supply source to the dinner table of the consumers. The food
processing sector in India is expected to have market size of
210 billion US dollars in 2015.

PHD Food Technology
Eligibility: Master's degree in Food Technology/Food Science/
Microbiology/Biotechnology or any other related
discipline with at least 55% marks
Duration: 6 semesters
Basis of Admission: Admission shall be made through
Shoolini University Entrance Test followed by personal
interview before the admission committee of the university.
JRF NET/SET/PhD qualified candidates are exempted from
entrance test.
No. of Seats: 06

School of Agriculture
Being an agro-based economy, India has made rapid strides
in agriculture sector. Efforts are being made to improve
food production in the country and doubling farmer's
income through diversified farming coupled with product
processing. The need is to associate processing units along
with the farm produce so that the farmers, particularly in
eastern India, would have an understanding of the broad principles
underpinning general farm production whilst monitoring
environmental and commercial viability.

B Sc (Hons) Agriculture
Eligibility: 10+2 PCB/PCM with 50% marks
Duration: 8 semesters
Basis of Admission: As per HP Government/IACR guidelines
No. of Seats: 60
Being an agro-based economy, India provides vast opportu-
nities in agriculture research, development and extension.
This programme aims to produce graduates with knowledge,
skills and competencies in agriculture and related fields.
Our B Sc (Hons) Agriculture degree prepares students for a wide
range of careers in the agriculture industry and ancillary
organisations. On successful completion of the course,
they will have an understanding of the broad principles
underpinning general farm production whilst monitoring
environmental and commercial viability.

B Sc (Hons) Forestry
Eligibility: 10+2 PCB/PCM with 50% marks
Duration: 6 semesters
Basis of Admission: By merit of qualifying examination
No. of Seats: 60
B Sc (Hons) in Forestry is a full-time 3-years course split up
into six semesters. Currently, the course has gained impor-
tance in view of large scale deforestation, climate change,
depletion of biodiversity and carbon sequestration. The main
emphasis in forestry is on regeneration, management
and sustainability of forests, and protection and conserva-
tion of wildlife.

Faculty of Engineering & Technology

Prof Satish Kumar Gupta, PhD (Plant Pathology)
Prof Krishan Kumar, PhD (Horticulture)
ASSOCIATE PROFESSORS
Dr Sonmesh Sharma, PhD NET
Dr Aniruddha Mitra, PhD (Entomology)
ASSISTANT PROFESSORS
Dr Lobzang Stanzen, PhD; Agronomy
Dr. Parvani Sharma, PhD (Agriculture Extension Education)

ACADEMIC PROGRAMMES
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tion of wildlife.

Reservation of seats for Himachal/SC/ST/ physically
handicapped/economically weaker
section candidates as per the rules of
Himachal Pradesh & Central Government
Number of seats for Lateral Entry as per AICTE
norms
Minimum eligibility marks relaxable for SC/ST/ backward
classes and others as per the rules of Himachal Pradesh Government
Roaster for admissions as per HP Govt rule
Criteria for admissions to professional courses shall be
in accordance with HP government Notification

Shoolini University excels in engineering and technology as an
academic discipline with its highly qualified and experienced full
time faculty also having several years of experience as either acade-
icians or having worked at senior positions in the industry. Thus,
both theoretical base and practical knowledge are being imparted.

The curriculum is globalised as the result of links with leading international engineering schools, and the courses have
been designed after taking the feedback from the industry. The labs and
workshops are constantly updated in line with latest industrial
trends, especially the design and implementation of complex
computer systems from sophisticated databases to cutting-edge
technologies.

The Faculty of Engineering and Technology believes in imparting
industry relevant education to its students so that an immediate
employable pool of engineers can be created. To enhance the
employability of our students, they are facilitated to improve their
communication and presentation skills, and develop personality
through self-grooming and meditation. We have implemented
several innovative programmes such as ‘Entrepreneurship’
with Tiedosto Automotive Group, leading manufacturer of automotive
components and systems in India, for improving educational quali-
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South Korea, Taiwan, China and USA. From outside India, 11 and research in various reputed universities/institutions in exchange programme, 70+ students have gone for studies semester at Shoolini. Students have been awarded South Korean and Taiwanese students have completed one for students and faculty to prosecute studies and undertake Shoolini university has in place an exchange programme As part of international tie-ups with various organisations, international student and faculty exchange.

**CAREER PATHS**

- Software Engineers / System Analysts & Developers/Programmers
- Database Management Media & Computer Graphics
- Cyber Security Managers
- Aviation, Semi-Conductor & Telecom Industries
- Food Processing, Distillery, Beverages, Bakery, Soft Drinks Industries
- Biotechnology, Bioinformatics and Pharmaceutical industries
- Chip Designing
- Defence Organisations
- Technical & Logistics Cadres
- Mobile, Wireless, Internet & Telecommunication
- Academics (Teaching/Research/Training)
- Entertainment & Hospitality Sectors
- Construction Buildings, Dams, Roads, Tunnels, Super Highways

**CURRENT AREAS OF RESEARCH**

- Big Data
- Image Processing
- Cloud Computing
- Wireless Sensor & Networks
- Cryptography & Network Security
- Transparent Conducting Oxide Films
- Integrated Micro/Nano Photonics
- Robotics and Automation
- MEMS and NEMS
- Heat Transfer
- Material Science
- Hydro Turbines
- Manufacturing Technology
- Renewable Energy

**School of Mechanical & Civil Engineering**

**FACULTY MEMBERS**

**PROFESSORS OF EMINENCE/ADJUNCT & VISITING FACULTY**

- Dr. JP Soni
  - PhD, Post-doc: Professor of Eminence, Civil Engineering
- Dr. Subhash Chander
  - PhD, Post-doc: Professor of Eminence, Mechanical Engineering
- Dr. SR Prabhakar
  - PhD (Metallurgical Engg.): Professor of Eminence, Mechanical Engineering
- Dr. Rajinder Abhaange
  - B Tech: Visiting Faculty
- Dr Shubhaksharma
  - B Tech: Visiting Faculty, IIT, Roorkee, Visiting Faculty
- Maj Gen AK Chaturvedi (Retd)
  - M Tech, M Phil, PhD: Visiting Faculty
- Dr. Hyesung Lee
  - PhD, Seoul National University: Visiting Faculty
- Dr. Harish Chaudhary
  - PhD: Adjunct Professor

**PROFESSORS**

- Dr. Mohindra Singh Thakur, PhD, Civil Engineering
- Prof. Arvind Nanda, FTGMP (General Management), B Sc Production Engineering, Mechanical Engineering
- Er. PL Goyal, B Sc. (Hons), M Sc Civil Engineering: Former Chief Engineer PSB: Civil Engineering
- Er. Bhaskar Goyal, M Tech, PhD (Pursuing): Mechanical Engineering

**ASSISTANT PROFESSORS/LECTURERS**

- Dr. Anil Kumar, PhD, Mechanical Engineering
- Dr. Abhijit Pathania, PhD, Mechanical Engineering
- Dr. Robin Thakur, PhD, Mechanical Engineering
- Dr. Sorabh Agrawal, M Tech, Mechanical Engineering
- Dr. Shyam Jyoti, M Tech, PhD (Pursuing)
- Dr. Nitin Kumar Sharma, M Tech, Mechanical Engineering, PhD (Pursuing)
- Dr. Raj Kumar, PhD, Mechanical Engineering
- Dr. Amarraj Singh, PhD, Mechanical Engineering
- Dr. Sachin Thapa, M Tech, Mechanical Engineering, PhD (Pursuing)
- Dr. Aditya Rana, M Tech, Mechanical Engineering
- Dr. Sushil Kumar, M Tech, Mechanical Engineering
- Mr. Bhupinder Kumar, B Tech, Teaching Assistant, Civil Engineering
- Mr. Veena Kshyap, B Tech, M Tech, Civil Engineering
- Ms. Manikshi Sharma, M Tech, Civil Engineering
- Mr. Vikas Mehta, M Tech, Civil Engineering
- Ms. Nidhi Kapoor, M Tech, Civil Engineering
- Ms. Priyanka, B Tech, Civil Engineering

**ACADEMIC PROGRAMMES**

- B Tech Civil Engineering
- B Tech Civil Engineering (Lateral Entry)
- B Tech Mechanical Engineering (Lateral Entry)
- B Tech Mechanical Engineering (Lateral Entry)
- M Tech Mechanical Engineering
- M Tech Civil Engineering
- PhD Mechanical Engineering
- PhD Civil Engineering

**B Tech Civil Engineering**

- Eligibility: 10 + 2 (PCM)
- Duration: 4 semesters
- Basis of Admission: Through JEE/HPCET or any other recognised entrance test followed by Personal Interview/Visits. A minimum of 50% marks will be required in the respective fields.
- No. of Seats: 60

**B Tech Civil Engineering (Lateral Entry)**

- Eligibility: Diploma in concerned or related subject with a minimum of 50% marks.
- Basis of Admission: By merit of qualifying examination
- No. of Seats: As per AICTE/UGC norms

Civil engineering is a professional engineering discipline that deals with the design, construction and maintenance of the physical and naturally built environment, including works like roads, bridges, canals, dams, and buildings. Civil engineering takes place at all levels in the public sector from municipal through to national govt., and in the private sector from individual homeowners to international companies.

**B Tech Mechanical Engineering**

- Eligibility: 10 + 2 (PCM)
- Duration: 4 semesters
- Basis of Admission: Through JEE/HPCET or any equivalent entrance test recognised by HP Government. In case of non-JEE/HPCET, minimum marks 50% for vacant seats after exhausting merit of JEE/HPCET.
- No. of Seats: 120

**B Tech Mechanical Engineering (Lateral Entry)**

- Eligibility: Diploma in concerned or related subject with a minimum of 50% marks.
- Basis of Admission: By merit of qualifying examination
- No. of Seats: As per AICTE/UGC norms

Mechanical engineering is a discipline of engineering that applies the principles of physics and materials science for analysis, design, manufacturing, and maintenance of mechanical systems. It is the branch of engineering that involves production and usage of heat and mechanic power for the design, production, and operation of machinery. It is one of the oldest and broadest engineering disciplines.

**M Tech Mechanical Engineering**

- Eligibility: B Tech Mechanical Engineering
- Duration: 2 semesters
- Basis of Admission: Through GATE/HPCET or any other recognised entrance test followed by Personal Interview/Visits. A minimum of 50% marks will be required in the respective fields.
- No. of Seats: 18

**M Tech Civil Engineering**

- Eligibility: B Tech Civil Engineering
- Duration: 2 semesters
- Basis of Admission: Through GATE/HPCET or any other recognised entrance test followed by Personal Interview/Visits. A minimum of 50% marks will be required in the respective fields.
- No. of Seats: 18
School of Electrical &
Computer Engineering

Eligibility: Master’s degree in Mechanical Engineering or any other related discipline with at least 55% marks.

Duration: Minimum six semesters

Basis of Admission: Admission shall be made through Shoolini University Entrance Test followed by personal interview before the admission committee of the university. JRF/NET/SAT/MPHil qualified candidates are exempted from entrance test.

No. of Seats: 04

B Tech Electrical Engineering (Lateral Entry)

Eligibility: Diploma in concerned or related subject with minimum of 50% marks.

Basic of Admission: By merit of qualifying examination

No. of Seats: 30

B Tech Electrical Engineering (Lateral Entry)

Eligibility: Diploma in concerned or related subject with minimum of 50% marks.

Basic of Admission: By merit of qualifying examination

No. of Seats: 30

B Tech Computer Science & Engineering (Lateral Entry)

Eligibility: Diploma in concerned or related subject with minimum of 50% marks.

Basic of Admission: By merit of qualifying examination

No. of Seats: 30

ACADEMIC PROGRAMMES

- B Tech Computer Science & Engineering
- B Tech Computer Science & Engineering (Lateral Entry)
- B Tech Electrical Engineering (Lateral Entry)
- B Tech IT
- B Tech IT (Lateral Entry)
- MA/B Sc (Hons) Mathematics
- M Tech Computer Science & Engineering
- MA/M Sc Mathematics
- PhD Mathematics
- PhD Computer Science & Engineering (Lateral Entry)

Eligibility: By merit of qualifying examination

No. of Seats: 30

Academic Programmes

- B Tech Computer Science & Engineering
- B Tech Computer Science & Engineering (Lateral Entry)
- B Tech Electrical Engineering (Lateral Entry)
- B Tech IT
- B Tech IT (Lateral Entry)
- MA/B Sc (Hons) Mathematics
- M Tech Computer Science & Engineering
- MA/M Sc Mathematics
- PhD Mathematics
- PhD Computer Science & Engineering (Lateral Entry)

Eligibility: By merit of qualifying examination

No. of Seats: 30

B Tech IT (Specialization: Cloud Technology & Information Security)

Eligibility: Diploma in concerned or related subject with minimum of 50% marks.

Basic of Admission: By merit of qualifying examination

No. of Seats: As per AICTE/UGC norms

B Tech IT (Specialization: Cloud Technology & Information Security)

Eligibility: By merit of qualifying examination

No. of Seats: 30

B Tech Computer Science & Engineering (Lateral Entry)

Eligibility: By merit of qualifying examination

No. of Seats: 30

M Tech Computer Science & Engineering

Eligibility: B Tech Computer Science & Engineering OR M Sc Computer Science/ any other related subject

Duration: 4 semesters

Basis of Admission: Through GATE/HPGECET or any other recognized entrance test followed by Personal Interview. Vacant seats, if any, will be filled on the basis of merit of B Tech with candidates having at least 50% marks.

No. of Seats: 18

M Tech in Computer Science and Engineering program will educate you to become a highly qualified engineer capable of developing complex IT systems, consisting of hardware and/or software, using theoretically and technologically well-founded methods, tools and techniques. This will prepare you for positions in private and public sectors and for doctoral research or setting up own ventures.

MA/M Sc Mathematics

Eligibility: Graduation in any stream with Mathematics as one of the subjects with minimum marks 50%

Duration: 4 semesters

Basis of Admission: By the merit of qualifying examination

No. of Seats: 30

Our MA M Sc Mathematics course prepares graduates for a professional career or postgraduate research in mathematics, which is central to science, technology and finance-related fields. Mathematics graduates are most sought after in several professions because of their analytical skills. There is also a tremendous demand for mathematics teachers to meet the ongoing shortage in schools/colleges.

PhD Computer Science & Engineering

Eligibility: Master’s degree in Computer Science and Engineering or any other related discipline with at least 55% marks

Duration: Minimum 6 semesters

Basis of Admission: Admission shall be made through Shoolini University Entrance Test conducted by Shoolini University Followed by personal interview before the admission committee of the university. JRF/NET/SAT/MPHil qualified candidates are exempted from entrance test.

No. of Seats: 04

PhD Mathematics

Eligibility: Master’s degree in concerned or related subject; minimum marks 55%

Duration: Minimum 6 semesters

Admission: Through Entrance Test conducted by Shoolini University Followed by personal interview before the admission committee of the university. JRF/NET/SAT/MPHil qualified candidates are exempted from entrance test.

No. of Seats: 02

Reservations for seats for Himachal/SC/ST/physically handicapped/economically weaker sections candidates as per the rules of Himachal Pradesh & Central Government

Number of seats for Lateral Entry as per AICTE norms

Minimum eligibility marks relaxable for SC/ST/other backward classes and others as per the rules of Himachal Pradesh Government

Roaster for admissions as per HP Govt rule

Criteria for admissions to professional course shall be in accordance with HP government Notification No. E.DN (TE) F1(0/2) 2018 dated 4th May 2018.
Wyman and ac-connect ag. Switzerland. He is a guest speaker at global business schools including INSEAD, iIM Ahmedabad, IIM Lucknow, IIM Bangalore, ISB, JBIIMS, IIT Bombay and IIT Kanpur among others.

School of Business Management and Liberal Arts
The Faculty of Management Sciences and Liberal Arts maintains high levels of academic excellence and innovation in management, provides quality education at an affordable price and constantly seeks ways of adding value to students. It is dedicated to a core expertise in global management education.

The School of Business Management at Shoolini University is an esteemed institution, which focuses on excellence in teaching, promoting lifelong learning and preparing students for the challenges of tomorrow. It is ranked among top 75 management schools in India by National Institutional Ranking Framework (NIRF), Ministry of Human Resource, Government of India for the year 2018.

We envisage building the School of Business Management into a Centre of Excellence for management education to meet the standards and aspirations of the corporate world. We aim at developing leaders by providing adequate interaction with leading subject matter experts and exposure to the industry. Under the guidance and leadership of Prof Atul Khosla, Dean and ably supported by a team of esteemed and experienced faculty, the Business School is progressing towards its goal to be a top centre of learning and research in Business Administration.

The Shoolini MBA programme prepares you for a successful management career by building core managerial expertise and personality development. Our road map is to deliver a unique global education to students, executives and global management community through 3Rs: Rigour, Relevance and Reliability.

Focus on Placement
- Active placement & career development cell, which frequently coordinates to give foothold to the students in the industry, higher education and entrepreneurship.
- School of Business Management conducts campus placements for its students. During placement week a large number of MNCs and leading companies visit the campus for on-spot placements.
- Top placement for MBA batch with excellent pay packages in reputed companies, such as Genpact, ICICI, Marsh & McLennan, C-Step, Toyota, Airtel, Oboes, Abacaus Offshore from Seychelles, Religare, India Infoline and many more.
- Great summer placements for first year MBA students (Batch 2017) with handsome stipends.

Best in Class & Quality Education
- Leading professionals as mentors from industry and corporate sector to our students are the hallmark of Shoolini University.
- Educational tours where students get an opportunity to interact with industries and institutes.
- Extensive use of modern teaching methodologies, online interaction with teachers and online lectures.
- Wi-Fi Campus, high speed internet facility, resourceful library, intellectual atmosphere and with audio video aids.
- Emphasis on Knowledge, Skills and Creative Abilities of students through add-on Modules/Industry Module.
- The unique Module for Self Improvement through meditation and yogic sciences is offered to MBA students for building self-confidence and facing challenges in the corporate world.

Personality Development Modules
- The Communication Effectiveness Module offers best in class techniques on communication skills for interviews & managerial effectiveness.
- Students’ Management Club ‘The invincible’ for overall development of students.
- Modules developed by leading professional managers are offered on key industry sectors such as banking and financial services with a view to increase the exposure and employability of management students.

Current Areas of Research
- Human Resource Management
- Social Gerontology
- Organizational Behaviour
- Networks
- Economic Development
- Agricultural/Rural Economics
- Consumer Behaviour
- Finance and Banking
- Marketing

Environment
GOVERNANCE SUPPORT TO MBA PROGRAMME
Majority of the members of governing body and other councils of the University are distinguished professionals, business executives and entrepreneurs, who are the source of guidance and inspiration for the execution of business school programmes and placement of students.

Mr Ramesh K Mehan
BE, MSIE (Kansas State University, USA), MBA (University of Dayton, USA); Managing Director of Five Ohio Based Companies

Mr Raj Khosla
B Tech (IIT Bombay), MBA; Director Kafer Insulteo Ltd, Thailand

Mr Sudhir Shukla
MBA; Former Senior Vice President, Yamaha India

Mr Ashish Khosla
BE, MBA (IMC cuttutta); Senior Vice President, UNB, Abu- Dhabi; Formerly Senior Executive Positions in Cibbank, HSBC, Marico

Mrs Ashoo Khosla
MBBS (Gold Medalist), MBA (ISB Hyderabad); Head Marketing MNC Trading, Abu - Dhabi

Mr Vishal Anand
MBA, Microsoft Certified Professional; Managing Partner, Anand Enterprises, Solan

Mrs Nishtha Anand
BA (Hons) English, MA English, PG Diploma in Journalism; Chief Editor, Penpundit.com and Techthirsty.com

Hospitality and Hotel Administration
Globally, hospitality and hotel management are growing sectors. According to the World Travel & Tourism Council, India’s travel and tourism sector is expected to be the second largest employment provider in the world, employing more than 40 lakh professionals directly or indirectly, by 2019.

Viewing this phenomenal growth, tremendous shortage is projected in technically skilled professionals at all levels both in Indian and global hospitality sector. Our three years B Sc degree in Hospitality and Hotel Administration, with a focus to give students key competencies related to hospitality business, communications and human relations that will allow them to work in different service sectors around the world.

Yogic Sciences
Considered as the birthplace of Indian culture including yoga, the Himalayas with cool summers and pleasant sunny winters are the ideal destination for pursuing yogic practices and scientific research. With the declaration of 21st June as International Yoga Day by the United Nations, there has been tremendous interest and increased awareness of the benefits that practicing yoga has on our mental and physical health.
As a consequence, several job opportunities are available for yoga professionals and researchers in various fields like educational institutions, health resorts, gyms, medical institutions and therapy centres both within and outside the country. Shoolini University becomes the first institute to start B.Sc. Yoga in the region. The programme has been designed to provide both theoretical knowledge and hands-on training, besides transformation-learning of students under the direction of experienced teachers, spearheaded by Prof PK Khosla, Vice Chancellor.

**Journalism and Mass Communication**

Under the mentorship of well-known and nationally acclaimed journalist Mr. Vipin Pubby, a long-term former Editor of The Indian Express, the 3-year BA in Journalism and Mass Communication course equips students with the skills needed for careers in reporting, journalism, advertising, news analysis and public relations. During his 37+ years experience in journalism, Vipin Pubby has reported extensively from across the country, including from the National Capital, the North-East, Gujarat, Jammu and Kashmir, Punjab, Haryana and Himachal Pradesh, and abroad. He has trained hundreds of young journalists many of whom are established names in the national print and electronic media.

**FACILITIES**

- IT Centre
- e-Lab
- Language Lab
- Audio-Visual Room
- Meditation Room
- Tutorial Rooms
- Conference Rooms
- Yoga and Meditation Centre
- Restaurant
- Seminar Halls
- Video-conferencing
- Online Lectures

**CAREER PATHS**

- Executives / Managers (Private & Public Sectors)
- Public Relations
- Management Consultancy
- Marketing Research Analysts
- Financial Analysts
- Investment Banking / Insurance Associates
- Retail Management
- Media Management
- Product & Brand Manager
- HR Corporate Trainer / HR Manager
- Entrepreneurs
- e-Business
- Academics (Teaching & Research)

**FACULTY MEMBERS**

- Prof Atul Khola
- Dr Pawan Sharma
- Ms Varsha Patil
- Ms Anupama Chandel
- Mr Rajneet Singh

**PROFESSOR EMERITUS/ADJUNCT & VISITING FACULTY**

- Mr Subshub Verma, MBA: Management Trainee
- Ms Lata Negi, MBA: English
- Mr Vineet Sharma, MBA: Tourism Management
- Ms Pushpender Verma, MBA
- Ms Sakshi Sharma, MBA
- Mr Suraj, MBA
- Ms Anju, MBA
- Ms Richa Devesh, MBA

**PROFESSOR EMERITUS/ADJUNCT & VISITING FACULTY**

- Dr Kedar Nath Banerjee, PhD: Professor Emeritus
- Mr Praveen Vashist
- Dr Devesh Kumar
- Mr Pratip Mazumdar
- Ms Poornam Nanda
- Dr Ashutosh Mohanty
- Associate Professors

- Ms Prachi Kapil
- Mr Amar Rao
- Ms Prachi Kapil
- Management

- Mr Shiva

- Mr Rajendra Abhange, BE: Visiting Faculty

- Mr Rajinder Sharma, LLVM: Visiting Faculty

- Mr Kamlesh Vyas, BE, MBA: Visiting Faculty

- Mr S Sridhar, BCom (Hon’): Visiting Faculty

- Dr Ritu Verma

- Dr Pratik Vat, PhD (Univ. Pennsylvania): Visiting Faculty

- Mr Pratik Yadav, MBA (IIM Ahmedabad): Visiting Faculty

- Mr Jitendra Das, PGDM & IR: Visiting Faculty

- Mr Praveen Vasisht, MBA (IIM Calcutta): Visiting Faculty

- Mr Ashish Khosla, PGDM (IIM Calcutta): Visiting Faculty

- Mr P Ravi Pratap, MBA: Visiting Faculty

- Dr Ashoo Khosla, PGDM (IISB Hyderabad): BBBS, Visiting Faculty

- Mr Sumit Gupta, MBA: Visiting Faculty

- Mr Praveen Srivastava, PGDM (IIM Calcutta): BE (IIT Roorkee): Visiting Faculty

- Mr Vijay Jasuja, MBA (Economics): Visiting Professor and Advisor

- Mr Pradeep Sharma, MBA, PGDM & IR: Visiting Professor

- Mr Ashish Jukla, Visiting Professor

- Mr Amit Khanna, Advisor and Visiting Professor

**ACADEMIC PROGRAMMES**

- BA (Hons) Economics
- BA (Hons) English
- BA (Hons) Journalism & Mass Communication
- PG Diploma in Digital Journalism
- MBA

**BA (Hons) Economics**

- Eligibility: 10+2 (Any stream) with at least 50% marks

**BA (Hons) English**

- Eligibility: 10+2 (Any stream) with English as one of the subjects; minimum marks 50%.

**BA (Hons) Journalism and Mass Communication**

- Eligibility: 10+2 (Any stream) with at least 50% marks

**BA (Hons) Economics**

- Basis of Admission: By merit of qualifying examination

- No. of Seats: 30

**BA (Hons) English**

- Basis of Admission: By merit of qualifying examination

- No. of Seats: 30

**BA (Hons) Journalism and Mass Communication**

- Basis of Admission: By merit of qualifying examination

- No. of Seats: 30

It is a three-year undergraduate course which equips students with the skills needed for careers in reporting, journalism, advertising, news analysis and public relations. The main focus of the course is on developing practical knowhow of the underlying principles of media industry and lay a strong foundation for understanding news media practices across different media. The course will also promote knowledge of news media and their role in society.
The BBA degree programme aims at developing professionals in business administration with a focus on specialization at the undergraduate level. During your 3 years in the programme, you will gain much more than an outstanding and integrated business education. You will also acquire the critical leadership, team, and communications skills that today’s employers are looking for.

**B Com (Hons)**
- **Eligibility:** 10+2 (Any stream) with at least 50% marks
- **Duration:** 6 semesters
- **Basis of Admission:** By merit of qualifying examination
- **No. of Seats:** 60

This programme aims at developing young talent for the hotel industry and allied fields. It combines management theory with hands-on hospitality courses and professional internships. There is an ever growing demand for hotel management graduates in catering, hospitality and tourism industry within and outside the country. The graduates are also provided with skills to start their own tourism industry within and outside the country. The hotel management graduates in catering, hospitality and professional internships. There is an ever growing demand for hotel management graduates in catering, hospitality and tourism industry within and outside the country. The graduates are also provided with skills to start their own tourism industry within and outside the country.

**B Sc Hospitality & Hotel Administration**
- **Eligibility:** 10+2 (Any stream) with at least 50% marks
- **Duration:** 6 semesters
- **Basis of Admission:** By merit of qualifying examination
- **No. of Seats:** 60

This programme aims at developing young talent for the hotel industry and allied fields. It combines management theory with hands-on hospitality courses and professional internships. There is an ever growing demand for hotel management graduates in catering, hospitality and tourism industry within and outside the country. The graduates are also provided with skills to start their own tourism industry within and outside the country.

**B Sc Tourism and Travel Management**
- **Eligibility:** 10+2 (Any stream) with at least 50% marks
- **Duration:** 6 semesters
- **Basis of Admission:** By merit of qualifying examination
- **No. of Seats:** 60

This programme serves the purpose of introducing modern concept of Tourism Administration to the students. As a basic introduction to the discipline of Tourism, this course will introduce the student to the basic principles of Tourism as well as to the intricacies of the fast growing global travel industry. It will involve lectures, assignments, projects and seminars etc. Students will study the travel motives of the tourists and how global and regional demographic and psychographic tourist market segments determine the quality of destination promotional activities in recent times. Travel and Tourism Management degree teach concepts specific to the International Travel Industry. Aspirants have multifaceted career opportunities like: Ticketing Agent, Travel Counsel or, Tourism Association, Customer Service Executive in MICE, Travel Operations, Sales and Marketing, Foreign Exchange, Information Officer in Tourism Boards, Corporate Travel Executive, Tour Guide etc.

**B Sc Yoga**
- **Eligibility:** 10+2 (Any stream) with at least 50% marks
- **Duration:** 6 semesters
- **Basis of Admission:** By merit of qualifying examination
- **No. of Seats:** 60

B Sc Yoga programme provides in-depth knowledge to the students about yoga, its foundation, application and the benefits. Yoga is an ancient science, and a natural way of remaining healthy. The course has been specially designed to meet the growing need of yoga instructors, professionals and researchers both at national and international levels. Several job opportunities are available for yoga professionals in various fields like educational institutions, health resorts, gymnasium, medical institutions and therapy centres. A great stress buster, yoga is gaining global popularity and there is a demand for trained yoga professionals in foreign countries.

**M Sc Yoga**
- **Eligibility:** B Sc (any stream) with at least 50% marks
- **Duration:** 4 semesters
- **Basis of Admission:** By merit of qualifying examination
- **No. of Seats:** 30

M Sc Yoga programme is especially designed for the people having some work experience related discipline with at least 55% marks.

**MBA (Specialisation: Marketing/Biotechnology/Pharma & Healthcare/Finance/HR)**
- **Eligibility:** Bachelor’s Degree (Any discipline) with at least 50% marks.
- **Duration:** 4 semesters
- **Basis of Admission:** Through HPCMAT conducted by HP University, AICET CMAT, GMAT, CAT, MAT or any other state or national level Management Aptitude Test, followed by group discussion and personal interview at School of Business Management, Shoolini University. Vacant seats, after exhausting the merit list of HPCMAT/HPCET/any National Level Test, are to be filled on the basis of merit of Bachelor Degree with candidates having at least 50% marks.
- **No. of Seats:** 15

The MBA Executive (Part time) programme provides the best option for working executives seeking to advance their careers. The course has been specially designed to meet the challenges and rigor of the new market place. It prepares functional managers for general management roles and fills the gap in their knowledge of essential management disciplines.

**PG Diploma in Digital Journalism**
- **Eligibility:** Bachelor’s Degree (Any discipline) with at least 50% marks.
- **Duration:** 2 semesters
- **Basis of Admission:** By merit of qualifying examination
- **No. of Seats:** 30

**PGDBM**
- **Eligibility:** Bachelor’s Degree (Any discipline) with at least 50% marks.
- **Duration:** 2 semesters
- **Basis of Admission:** Through HPCMAT conducted by HP University, AICET CMAT, GMAT, CAT, MAT or any other state or national level. Vacant seats, after exhausting the merit list of HPCMAT/HPCET/any National Level Test, are to be filled on the basis of merit of Bachelor Degree with candidates having at least 50% marks.
- **No. of Seats:** 60

PGDBM is specially designed for individuals looking to take on larger responsibilities in their organizations and businesses. This program differentiates itself in focusing on experiential learning through real business cases, experience sharing, role plays etc. The program content has been designed keeping industry insights on requirements of working executives. They need programs that provide the right flexibility to enable them to pursue their careers and education together and at the same time program should ensure a very high quality learning experience allows the executives to build up skills and specialize in either of the key functions-Marketing, Finance, Human Resource, the program is especially designed for the people having some work experience under their belt.

**PhD Management**
- **Eligibility:** Master’s degree in Business Management or any related discipline with at least 55% marks.
- **Duration:** Minimum 6 semesters
- **Basis of Admission:** Admission shall be made through Shoolini University Entrance Test (JRF/NET/SAT/M Phil qualified candidates are exempted from entrance test), followed by personal interview before the admission committee of the university.
The PhD Business Management/Environment Management course is a research programme where a student needs to undergo course work for one semester and research work for the five semesters. Subjects in the course include Research Methodology, Special Paper Business Management/ Environment Management and thesis based on the research work assigned to a student.

PhD Economics
Eligibility: Master's degree in Economics with at least 55% marks.
Duration: Minimum 6 semesters
Basis of Admission: Admission shall be made through Shoolini University Entrance Test (JRF/NET/SAT/M Phil-qualified candidates are exempted from entrance test), followed by personal interview before the admission committee of the university.
No. of Seats: 08

PhD English
Eligibility: Master's degree in English with at least 55% marks.
Duration: Minimum 6 semesters
Basis of Admission: Admission shall be made through Shoolini University Entrance Test (JRF/NET/SAT/M Phil-qualified candidates are exempted from entrance test), followed by personal interview before the admission committee of the university.
No. of Seats: 04

PhD Yoga
Eligibility: Master's degree in Yoga with at least 55% marks.
Duration: Minimum 6 semesters
Basis of Admission: Admission shall be made through Shoolini University Entrance Test (JRF/NET/SAT/M Phil-qualified candidates are exempted from entrance test), followed by personal interview before the admission committee of the university.
No. of Seats: 04

Reservation of seats for Himachali/SC/ST/physically handicapped/economically weaker section candidates as per the rules of Himachal Pradesh & Central Government.
Number of seats for Lateral Entry as per AICTE norms.
Minimum eligibility marks relaxable for SC/ST/backward classes and others as per the rules of Himachal Pradesh Government.
Roaster for admissions as per HP Govt rule.
Criteria for admissions to professional courses shall be in accordance with HP government Notification No. EDN (TE) F (10) 2/2018 dated 4th May 2018.

School of Law
As a law student at the School of Law, you will be exposed to legal principles in a wide array of topics and also learn analytical and critical-thinking skills from experienced legal practitioners, providing consultancies to law firms and corporate world. The School offers a great learning experience and a pathway to successful practicing or non-practicing legal career. Need for legal services in new areas of law such as cyber law, international business transaction law, intellectual property rights (IPR), health care and environmental laws, has opened unlimited career opportunities with competitive starting salaries.

FACILITIES
- Moot Court
- IT Centre
- Language Lab
- Audio-Visual Room
- Mediation Hall
- Tutorial Rooms
- Conference Rooms
- Seminar Halls
- Video conferencing
- Online lectures

FACULTY MEMBERS

PROF NARINDER GUPTA
Dean
Prof Gupta is former Professor of Law, Himachal Pradesh University. He possesses 30 years of teaching experience and is expert on constitution law, intellectual property law, labour law and company law. He has published 17 research papers in peer reviewed journals and participated in 13 regional and national conferences and seminars. Prof Gupta has guided research to 50 LLM and 7 PhD students. He has been visiting faculty/resource person at HP Institute of Public Administration, HP University Academic Staff College and HP Cooperative Institute.

ADJUNCT PROFESSOR
Mr SS Thakur
former Hon’ble Justice of High Court of Himachal Pradesh

PROFESSOR
Dr Narinder Gupta PhD, LLM; Former Professor of Law, Himachal Pradesh University

ASSISTANT PROFESSORS
Dr Nandan Sharma, PhD, LLM
Mr. Chander Mohan Gupta, MBA LLM, M.Com
Ms Anupriya Thakur, LLB, PGDPM & LW
Mr Ramesh Kumar Sood, M Phil (Political Science)
Ms Monika Thakur, LLM
Ms Sia Sharma, LLM

Legal Practice - Law Firms - Judicial Administration
Community Legal Services
Public Interest Advocacy Groups
Legal Consultancy
Positions include Solicitor, Barrister, Attorney, Industrial Relations Officer, Immigration Officer, Tax Consultant and Officer, Legal Advisor
Academics (Teaching & Research)

Faculty of Legal Science

PROF NARINDER GUPTA
Dean

Prof Gupta is former Professor of Law, Himachal Pradesh University. He possesses 30 years of teaching experience and is expert on constitution law, intellectual property law, labour law and company law. He has published 17 research papers in peer reviewed journals and participated in 13 regional and national conferences and seminars. Prof Gupta has guided research to 50 LLM and 7 PhD students. He has been visiting faculty/resource person at HP Institute of Public Administration, HP University Academic Staff College and HP Cooperative Institute.
ACADEMIC PROGRAMMES

- BA LLB*
- LLB

BA LLB*
Eligibility: Eligibility: 10+2 in any discipline with at least 50% marks
Duration: 6 semesters
Basis of Admission: Through Central/State Level Entrance Test or any other recognised entrance test
No. of Seats: 60

Our BA LLB degree is a five year course which provides students advantage of completing two degrees simultaneously. It focuses academics combined with applied, practical and interdisciplinary perspectives, ensuring an understanding of law in all its contexts. The profession of law has changed dramatically in our country with vast opportunities beyond the court room to cope with tremendous financial activities including industry, media, information technology, Intellectual Property Rights, etc.

LLB
Eligibility: Graduation in any discipline with at least 50% marks:
Duration: 3 semesters
Basis of Admission: Through Central/State Level Entrance Test or any other recognised entrance test
No. of Seats: 60

LLB is a three year course which deals with the various aspects of law and the Indian Penal Code (IPC). Students have a choice of specializing in civil or criminal law stream according to the interest at the end of the program. For judicial or legal practice, a professional is required to have passed the LLB degree which is the minimum criteria. The degree is not only a mere mode of employment, but also a way to show the responsibility towards the society and a means to stand for the human rights. The profession is considered as a prestigious one in the country, since it is the base of our constitution and an important tool for social reforms.

RESERVATION SYSTEM

- Reservation of seats for Himachal/SC/ST/physically handicapped/economically weaker section candidates as per the rules of Himachal Pradesh & Central Government
- Number of seats for Lateral Entry as per AICTE norms
- Minimum eligibility marks relaxable for SC/ST/backward classes and others as per the rules of Himachal Pradesh Government
- Roaster for admissions as per HP Govt rule
- Criteria for admissions to professional courses shall be in accordance with HP government Notification No. EDN (TE) F (10) 2/2018 dated 4th May 2018.

School of Pharmaceutical Sciences

School of Pharmaceutical Sciences is Ranked 30th among Top Pharmacy Colleges in India in NIRF ranking 2018 by the Ministry of Human Resource Development, GOI. It focuses on excellence in teaching, promoting lifelong learning and preparing students for challenges in the field of pharmacy, committed to produce quality human resource as per the requirements of the industry and community for the welfare of the people and to build national healthcare system. It is approved by AICTE and PCI and has Memorandum of Understandings/collaborations with several reputed multinational pharmaceutical industries for the student internship/training and research activities. It is facilitated with highly qualified and experienced faculty including PhDs, who enjoy national and international reputation for research and education. In addition to teaching and research, our faculty members are also involved in professional activities such as consultative services for pharmaceutical industry, clinical pharmacy practice, drug information services, and analysis of traditional remedies.


- Sustainable utilisation of Himalayan biodiversity
- Biological potential of natural products for treating human diseases and disorders
- Formulation and development of pharmaceutical preparations
- Drug Delivery Systems
- Drug Discovery and QSAR Modeling

Linkages with International Academia and Multinational Pharmaceutical Industries

The School of Pharmaceutical Sciences has a quadripartite alliance with the Pharmacy and Poisons Board (PPB) of the Government of Kenya, Tripathi Medicare Ltd and Kumaun University for joint research. The School has tied up with Bukovinian State Medical University, Ukraine for students’ exchange and collaborative research. It has also developed alliances with well-established concerns like, Venus Remedies Ltd, Zydus Cadila Healthcare Ltd, Fresenius Kabi Oncology Ltd, Alkem Labs, Almac Ltd, Meridian Ltd, Ozono Ltd, Macleods Pharma, Tripathi Medicare Ltd and US Vitamin Ltd for student training and research projects.

The School has research projects from DST, ICMR, DRDO and INMAS. In addition, the School has industrial projects from Mendi- an Medicare Ltd and Tripathi Medicare Ltd.

Faculty of Pharmaceutical Science

PROF DEEPAK KAPOOR
Dean
Dr. Deepak Kapoor got his PhD in Pharmaceutical Sciences from UGC-CAS, UIPS, Panjab University, Chandigarh. He has more than ten years of teaching, research and industrial experience. In industry, he has worked on formulation, and research and development for international regulated and domestic markets. Dr. Kapoor’s key areas of extensive research represent development of novel drug delivery systems with a focus on nanoparticles, nanoemulsions, niosomes, liposomes, ethosomes, and implantable, topical and transdermal systems. He has various national and international publications in the form of a monograph series book, book chapters, and research and review articles. He has also filed patents on development of novel pharmaceutical formulations.

School of Pharmaceutical Sciences
- Sustainable utilisation of Himalayan biodiversity
- Biological potential of natural products for treating human diseases and disorders
- Formulation and development of pharmaceutical preparations
- Drug Delivery Systems
- Drug Discovery and QSAR Modeling
- Linkages with International Academia and Multinational Pharmaceutical Industries
The School of Pharmacy is recognised for the award of

Dr Amarjeet Singh
PhD, Post Doc from USA; Adjunct Professor

Ms Chetana Jindal, M Pharm, GPAT

Ms Devika Rana, M Pharm, GPAT

Ms Hemlata Kaurav, M Pharm, GPAT

Ms Manpreet Kaur, M Pharm, GPAT

Ms Radha Rani, M Pharm, GPAT

Ms Bhabita Patial, M Pharm, GPAT

Mr Harish Kumbhat, B Pharmacy

Mr Sharad, MG Information Technology (App Development)

ACADEMIC & RESEARCH SCHOLARSHIPS

Ms Hima Prasad, PG Research Scholar

Ms Akshita Jindal, M Pharm, GPAT

Ms Chetana Kaur, M Pharm, GPAT

Ms Milind Bhojwani, Assistant Professor

ACADEMIC PROGRAMMES

B Pharmacy
B Pharmacy (Lateral Entry)
B Pharmacy (Practice)

M Pharmacy

M Pharmacy (Pharmaceutics)

Pharmaceutical Chemistry

PhD

B Pharmacy

 Eligibility: 10+2 (PCB/PCM) Duration: 4 semesters

Basis of Admission: Merit of HPCE/ET or any other equivalent test followed by Personal Interview. Vacant seats, after exhausting the merit list of HPCE/ET, are to be filled on the basis of merit of B Pharmacy with candidates having at least 50% marks.

No. of Seats: 100

B Pharmacy (Lateral Entry)

Eligibility: Diploma in Pharmacy with 50% marks from an institution approved by Pharmacy Council of India

Basic of Admission: By merit of qualifying examination

No. of Seats: As per PCI/AICTE/UGC norms

We focus on imparting quality education with skilled practical efficiency pertaining to the pharmaceutical sciences to provide standard pharmaceutical services ethics to hospital and community pharmacies, drug manufacturing industries, marketing, national/regional health services, teaching and research institutions, drug administration, quality control/assurance and as per aspirations of pharmaceutical industries. The curriculum also includes an industrial training in a pharmaceutical company.

B Pharmacy (Practice)

Eligibility: Diploma in Pharmacy with 50% marks from an institution approved by the Pharmacy Council of India and minimum of four years’ pharmacy practice in a community or hospital.

Duration: 4 semesters

Basis of Admission: Merit of qualifying examination

No. of Seats: 40

The course, approved by Pharmacy Council of India, seeks to enhance professional skills, knowledge and status of pharmacy professionals who have a diploma in pharmacy and are registered as pharmacists with their respective state Pharmacy Councils. It offers an excellent opportunity for pharmacy holders who wish to upgrade themselves to graduate level and learn about the latest practices in pharmacy. The additional degree qualification obtained by pharmacists may be entered in the official register of pharmacists.

M Pharmacy (Pharmaceutics)

Eligibility: B Pharmacy from an institution approved by the Pharmacy Council of India

Duration: 4 semesters

Internship: One semester in pharmaceutical industry/analytical laboratory for professional experience

Basis of Admission: Through GPAT/HPCE/ET or any other recognised entrance test followed by Personal Interview. Vacant seats, after exhausting the merit list of HPCE/ET/Any National Level Test, are to be filled on the basis of merit of B Pharmacy with candidates having at least 50% marks.

No. of Seats: 18

Students are given extensive theoretical and practical knowledge about the various aspects of pre-formulation studies of drugs having different physicochemical properties, development and in-vitro investigation of different conventional and advanced drug delivery systems like tablets, capsules, gels, ointments, nose drops, etc. side with their packing, staining studies according to guidelines. Exposure of students to sophisticated analytical techniques like UV, IR, HPLC, NMR, Mass spectroscopy is an integral part of the curriculum. Second year is dedicated to project work of industrial and commercial applicability.

M Pharmacy (Pharmacology)

Eligibility: B Pharmacy from an institution approved by the Pharmacy Council of India

Duration: 4 semesters

Internship: One semester in pharmaceutical industry/analytical laboratory for professional experience

Basis of Admission: Through GPAT/HPCE/ET or any other recognised entrance test followed by Personal Interview. Vacant seats, after exhausting the merit list of HPCE/ET/Any National Level Test, are to be filled on the basis of merit of B Pharmacy with candidates having at least 50% marks.

No. of Seats: 18

First two semesters are dedicated to theoretical concepts pertaining to medicinal cell biology, gel electrophoresis, bioinformatics, etc. practical techniques: recombinant DNA technology, stem cell biology, gel electrophoresis, etc. statistical interpretations and protocols for evaluation of various medicinal agents against disorders like diabetes, obesity, asthma, cancer, pain, immunology, arthritis, GIT, CNS and skin disorders to make students knowledgeable and skilful and competent for their future endeavors. During last 2 semesters of the programme, students are encouraged to carry out novel pharmaceutical researches for thesis and to get it published or patented.

M Pharmacy (Pharmaceutical Chemistry)

Eligibility: B Pharmacy from an institution approved by the Pharmacy Council of India

Duration: 4 semesters

Internship: One semester in pharmaceutical industry/analytical laboratory for professional experience

Basis of Admission: Through GPAT/HPCE/ET or any other recognised entrance test followed by Personal Interview. Vacant seats, after exhausting the merit list of HPCE/ET/Any National Level Test, are to be filled on the basis of merit of B Pharmacy with candidates having at least 50% marks.

No. of Seats: 18

First two semesters are dedicated to thorough exposure of theoretical concepts pertaining to medicinal, organic and plant chemistry along with their pharmacological actions and practical exposure of various lab scale hazardous and non-hazardous reactions. Last two semesters comprise wet lab practices such as preparation of extracts, isolation of constituents, their modifications and pharmacological actions, and strong practical exposure of organic reactions such as cyclisations, preparation of heterocyclic compounds and their SAR studies. Handling of various sophisticated instrumenstions such as HPLC, FT-IR, UV, GC. Giving training to students for characterization of various natural as well as synthetic compounds using 1H and 13C NMR.

PhD Pharmaceutical Sciences

Eligibility: Master’s degree in Pharmacy with at least 55% marks

Duration: Minimum 6 semesters

Basis of Admission: Admission shall be made through Shoolini University Entrance Test (JRF/nCET/SAT/M Phil) (PhD qualified candidates are exempted from entrance test), followed by personal interview before the admission committee of the university.

No. of Seats: 08

First and second semesters comprise of course work, and topic & synopsis approval respectively. The programme promotes an interdisciplinary approach to scientific research and education in the core disciplines of Pharmacy like Pharmacology, Pharmaceutical, Pharmaceutical Chemistry and Pharmacognosy.
The focus of Dr Saini's laboratory of Gene Regulation is in the specific area of redox biology by using yeast and mammalian cells. Cellular redox imbalance is one of the leading causes of cancer and other diseases. Other thrust areas of research are: role of proteins in balancing the levels of free radicals in cells by using genetics, molecular biology, biophysics and chemistry; role of yoga interventions for maintaining redox health of cells.

The faculty members keep themselves abreast with new findings through regular academic activities such as seminars, workshops and conferences. They have also developed liaisons with research institutions of repute in India and abroad. Their research activities are well-funded through extramural research funding from government agencies such as DBT, DST, etc. Our research-led teaching paves the way for entry into different careers since it equips students with advanced transferable skills in information gathering, analysis and presentation, which are vital tools in the field of science. Graduate and post-graduate students are required to undertake research projects.

CAREER PATHS

- Chemical Engineering
- Forensic Science
- Space Research
- Metallurgy
- Meteorology
- Pollution Control
- Biotechnology & Genetics
- Fisheries & Oceanography
- Aquatic & Forest Biology
- Wildlife, Environment Conservation & Eco Restoration
- Defence Organisations (Technical & Logistics Cadres)
- Plastics, Paper, Textile, Sugar, Pharmaceutical & Telecom Industries
- Academics (Teaching / Research / Training) / Research Scientists (New Discoveries / Hypotheses)

Professors

Prof PK Khosla
PhD, Post-doc Oxford, Former VC, H.P. Agricultural University, Botany

Dr JM Julka
PhD, Former Visiting Fellow Smithsonian Institution, USA; Former Joint Director & Emeritus Scientist, ZSI; Environment Biology, Zoology

Prof Sunil Puri
PhD, Post-doc Oxford; Former Director Higher Education, Indira Gandhi Agricultural University, Raipur; Botany

Prof Adesh K Saini
PhD, Post Doc NICHD, National Institutes of Health USA

Associate Professors

Dr Aniruddha Mitra
PhD, Fellow Institute of Advanced Research, Berlin; Post-doc French National Centre for Scientific Research, Zoology

Dr Shreyas Jamwal
PhD, Indian Institute of Science, Bangalore; Post-doc Oxford; Botany

Dr Shashanka Ghoshal
PhD, NET JRF; Ern Sciences

Mr Somvir Singh,
M Phil, NET; Botany

Ms Shalini Sharma,
M Phil, NET; Botany

Ms Shalja Kumari,
M Phil PhD Pursuing; Zoology

Mr Somvir Singh,
M Phil PhD Pursuing

Ms Radha,
M Phil, Post Doc Pursuing

Mr. Kasaban Gujeta Gutema,
M Sc (Biological Sciences) PhD Pursuing

ACADEMIC PROGRAMMES

- B Sc (Hons) Botany
- Integrated B Sc (Hons) – M Sc (Elite)*
- M Sc Botany
- M Sc Zoology
- M Sc Environmental Sciences
- M Phil Botany
- M Phil Zoology
- M Phil Environment Sci.
- PhD Botany
- PhD Zoology
- PhD Environment Sci.

(* sub judice)

B Sc (Hons) Botany

Eligibility: 10+2 (PCM) with minimum 50% marks
Duration: 6 semesters

B Sc (Hons) Zoology

Eligibility: 10+2 (PCM) with minimum 50% marks

Duration: 6 semesters

Integrated B Sc (Hons) – M Sc (Elite) (Specialization: Physics/Chemistry/Mathematics/Botany/Zoology)

Eligibility: 10+2 (PCM/PCB)

I. Scholarship Seats: Students who happen to be among top one percent in Class XII examination with cut-off marks percentage as given in DST Website www.inspire-dst.gov.in for SHE scholarships OR have secured in the Joint Entrance Test of IIT top 10,000 ranks, JEE (top 10,000 ranks) plus those clearing AIPMT (top 10,000 ranks); All Kishore Vaigyanik Pratisthan Young (KVPY) Fellows, National Talent Search Examination (NTSE) Scholars, National Olympiad Medalists and Jagadish Bose National Science Talent Search (JBNSTS) Fellows.

II. Non-Scholarship Seats: Minimum Marks 70%
Duration: 4 semesters
Basis of Admission: By merit of qualifying examination

Eligibility: B Sc with zoology as one of the subject; minimum marks 50%

M Sc Botany

Duration: 4 semesters
Basis of Admission: By merit of qualifying examination
No. of Seats: 60

M Sc Zoology

Duration: 4 semesters
Basis of Admission: By merit of qualifying examination
No. of Seats: 60

The objective is to build a strong background in plant biodiversity, ecology, and physiology, cell and molecular biology, cytogenetics, biochemistry, biotechnology, reproductive biology, morphogenesis and anatomy; metabolism of biomolecules and immunology, fungi and microbes. The programme includes research orientation from the first semester. It is also a foundation for entry into M Phil/PhD programme.

FACULTY OF BASIC SCIENCE
comprehensive learning for success in National Eligibility Test (NET) along with regular practice tests for continuous development of students.

**M Sc Environmental Sciences**

**Eligibility:** B Sc with Environmental Sciences/Chemistry/ Botany/Zoology/Microbiology/Geology/Geography/ Life Sciences/Fisheries Science/BL (Civil Engineering)/ Environmental Engineering)/Environmental Engineering/ Agriculture/Physico-Biotechnology with at least 50% marks

**Duration:** 4 semesters

**Basis of Admission:** By merit of qualifying examination

**No. of Seats:** 30

**M Phil Botany**

**Eligibility:** M Sc in concerned or related subject; minimum marks 55%

**Duration:** 2 semesters

**Basis of Admission:** Through Shoolini University Entrance Test followed by personal interview before the admission committee of the university. JRF/NET/SAT/M Phil qualified candidates are exempted from entrance test.

**No. of Seats:** 06

**PhD Environment Science**

**Eligibility:** M Sc in concerned or related subject; minimum marks 55%

**Duration:** 6 semesters

**Basis of Admission:** Through Shoolini University Entrance Test followed by personal interview before the admission committee of the university. JRF/NET/SAT/M Phil qualified candidates are exempted from entrance test.

**No. of Seats:** 04

**School of Chemistry**

**FACULTY MEMBERS**

**PROFESSOR OF EMINENCE/ADJUNCT & VISITING PROFESSORS**

Prof PS Kalsi, PhD; Professor of Eminence
Dr RC Rana, PhD; Professor of Eminence
Dr AK Sharma, PhD; Professor of Eminence
Dr AN Kaushal, PhD; Professor of Eminence
Mr ML Sharma, BE; Visiting Professor
Prof SK Sharma, PhD; Visiting Professor
Prof SS Bari, PhD; Visiting Professor

**ASSOCIATE PROFESSORS**

Mr Ramanand Chauhan, MSc
Dr Neeraj Gupta, PhD, NET, Post Doc; Organic Chemistry
Dr Pankaj Thakur, PhD, Post Doc; Physical Chemistry

**ASSISTANT PROFESSORS**

Dr Amit Kumar; PhD, NET, Physical Chemistry
Dr Gaurav Sharma, PhD, Organic Chemistry
Dr Pradeep Singh, PhD; Physical Chemistry
Dr Mru Pankaj Raiizada, PhD, Inorganic Chemistry
Dr Deepika Jamwal, PhD; Inorganic Chemistry
Dr Sourabh, PhD Inorganic Chemistry
Dr Joydeep Das, PhD, NET, JRF; Organic Chemistry
Mr Raj Kumar, M Sc, NET, JRF, Physical Chemistry
Ms Sunam, MA; Assistant Registrar
Ms Ashima Dogra, MSc, PhD Pursuing
Mr Tokuma Getahun, MSc, PhD Pursuing

**ACADEMIC PROGRAMMES**

- B Sc (Hons) Chemistry
- M Sc Chemistry/Pharmaceutical Chemistry
- M Phil Chemistry

**PhD Botany**

**Eligibility:** M Sc in concerned or related subject; minimum marks 55%

**Duration:** 6 semesters

**Basis of Admission:** Through Shoolini University Entrance Test followed by personal interview before the admission committee of the university. JRF/NET/SAT/M Phil qualified candidates are exempted from entrance test.

**No. of Seats:** 06

**PhD Zoology**

**Eligibility:** M Sc in concerned or related subject; minimum marks 55%

**Duration:** 6 semesters

**Basis of Admission:** Through Shoolini University Entrance Test followed by personal interview before the admission committee of the university. JRF/NET/SAT/M Phil qualified candidates are exempted from entrance test.

**No. of Seats:** 06

**School of Materials Science & Physics**

**FACULTY MEMBERS**

**ADJUNCT PROFESSORS**

Prof Suman Bala Beri, PhD; High Energy Physics
Dr Harrison B Prosper, PhD; High Energy Physics
Prof Mahabvir Singh, PhD; Materials Science
Dr Bhawandeep, PhD; Post Doc Fellow

**ASSOCIATE PROFESSOR**

Dr Rajesh Sharma, M Phil, PhD, NET; Energy

**ASSISTANT PROFESSORS**

Dr Virender Pratap Singh, M Phil, PhD, M Tech; Phd qualified candidates are exempted from entrance test.

**No. of Seats:** 06

**M Sc Chemistry/Pharmaceutical Chemistry**

**Eligibility:** B Sc with Chemistry as one of the subject; minimum marks 50%

**Duration:** 4 semesters

**Basis of Admission:** By merit of qualifying examination

**No. of Seats:** 85

The science of chemistry is set to play a pivotal role as we look for solutions to the current water and climate crisis. The M Sc programme in chemistry has been designed to equip students with the latest knowledge and skills that will enable them to provide solutions to problems that face this earth. The objective is to build a strong background in nuclear chemistry, spectroscopy, photochemistry, adsorption & electrochemistry, supra-molecular chemistry, medicinal chemistry, metal ligand bonding & magne-to chemistry, organic reaction mechanism and pericyclic reactions, thermodynamics and electrochemistry. It is also a foundation for entry into M Phil or PhD. Curriculum is also oriented towards comprehensive learning for success in National Eligibility Test (NET) along with regular practice tests for continuous development of students.

**M Phil Chemistry**

**Eligibility:** M Sc in concerned or related subject; minimum marks 55%

**Duration:** 2 semesters

**Basis of Admission:** Through Shoolini University Entrance Test followed by personal interview before the admission committee of the university. JRF/NET/SAT/M Phil qualified candidates are exempted from entrance test.

**No. of Seats:** 08

**PhD Chemistry**

**Eligibility:** M Sc in concerned or related subject; minimum marks 55%

**Duration:** 6 semesters

**Basis of Admission:** Through Shoolini University Entrance Test followed by personal interview before the admission committee of the university. JRF/NET/SAT/M Phil qualified candidates are exempted from entrance test.

**No. of Seats:** 10

**M Sc Environment Science**

**Eligibility:** B Sc with Environmental Sciences/Chemistry/ Botany/Zoology/Microbiology/Geology/Geography/ Life Sciences/Fisheries Science/BL (Civil Engineering)/ Environmental Engineering)/Environmental Engineering/ Agriculture/Physico-Biotechnology with at least 50% marks

**Duration:** 4 semesters

**Basis of Admission:** By merit of qualifying examination

**No. of Seats:** 30

**M Phil Zoology**

**Eligibility:** M Sc in concerned or related subject; minimum marks 55%

**Duration:** 2 semesters

**Basis of Admission:** Through Shoolini University Entrance Test followed by personal interview before the admission committee of the university. JRF/NET/SAT/M Phil qualified candidates are exempted from entrance test.

**No. of Seats:** 08

**M Phil Environmental Sciences**

**Eligibility:** M Sc in concerned or related subject; minimum marks 55%

**Duration:** 2 semesters

**Basis of Admission:** Through Shoolini University Entrance Test followed by personal interview before the admission committee of the university. JRF/NET/SAT/M Phil qualified candidates are exempted from entrance test.

**No. of Seats:** 08

**PhD Zoology**

**Eligibility:** M Sc in concerned or related subject; minimum marks 55%

**Duration:** 6 semesters

**Basis of Admission:** Through Shoolini University Entrance Test followed by personal interview before the admission committee of the university. JRF/NET/SAT/M Phil qualified candidates are exempted from entrance test.

**No. of Seats:** 06

**B Sc (Hons) Chemistry**

**Eligibility:** 10+2 (PCM/ PCB) with minimum 50% marks

**Duration:** 6 semesters

**Basis of Admission:** By merit of qualifying examination

**No. of Seats:** 40

**School of Chemistry**

**FACULTY MEMBERS**

**PROFESSOR OF EMINENCE/ADJUNCT & VISITING PROFESSORS**

Prof PS Kalsi, PhD; Professor of Eminence
Dr RC Rana, PhD; Professor of Eminence
Dr AK Sharma, PhD; Professor of Eminence
Dr AN Kaushal, PhD; Professor of Eminence
Mr ML Sharma, BE; Visiting Professor
Prof SK Sharma, PhD; Visiting Professor
Prof SS Bari, PhD; Visiting Professor

**ASSOCIATE PROFESSORS**

Mr Ramanand Chauhan, MSc
Dr Neeraj Gupta, PhD, NET, Post Doc; Organic Chemistry
Dr Pankaj Thakur, PhD, Post Doc; Physical Chemistry

**ASSISTANT PROFESSORS**

Dr Amit Kumar; PhD, NET, Physical Chemistry
Dr Gaurav Sharma, PhD, Organic Chemistry
Dr Pradeep Singh, PhD; Physical Chemistry
Dr Mru Pankaj Raiizada, PhD, Inorganic Chemistry
Dr Deepika Jamwal, PhD; Inorganic Chemistry
Dr Sourabh, PhD Inorganic Chemistry
Dr Joydeep Das, PhD, NET, JRF; Organic Chemistry
Mr Raj Kumar, M Sc, NET, JRF, Physical Chemistry
Ms Sunam, MA; Assistant Registrar
Ms Ashima Dogra, MSc, PhD Pursuing
Mr Tokuma Getahun, MSc, PhD Pursuing

**ACADEMIC PROGRAMMES**

- B Sc (Hons) Chemistry
- M Sc Chemistry/Pharmaceutical Chemistry
- M Phil Chemistry
Mr. Pawan Kumar, M.Phil PhD Punjab University

TEACHING/RESEARCH ASSISTANT
Mr. Bipen Singh, M.Sc. Teaching Assistant
Mr. Atendra Pandey, M.Sc. Research Assistant

ACADEMIC PROGRAMMES
- B.Sc (Hons) Physics
- M.Sc Physics
- M.Phil Physics
- PhD Physics

B.Sc (Hons) Physics
Eligibility: 10+2 (PCM/ PCB) with minimum 50% marks
Duration: 6 semesters
Basis of Admission: By merit of qualifying examination
No. of Seats: 30

M.Sc Physics
Eligibility: B.Sc with physics as one of the subject; minimum marks 50%
Duration: 4 semesters
Basis of Admission: By merit of qualifying examination
No. of Seats: 40

The science of physics expands our knowledge of the universe and underlines new technologies, which benefit our society. The objective of the course is to build a strong background in quantum mechanics, electronics, electrodynamics, condensed matter physics, nuclear physics, nano physics, computational physics, solar energy physics, thermodynamics, atomic and molecular physics. It is also a foundation for entry into M Phil or PhD. Curriculum is also oriented towards comprehensive learning for success in National Eligibility Test (NET) along with regular practice tests for continuous development of students. The School of Materials Science Physics has strong research capabilities, having collaborative research with DRDO and DST on nano-magneto-dielectric materials and spinel nano ferrites for developing defence applications.

M.Phil Physics
Eligibility: M.Sc in concerned or related subject; minimum marks 55%
Duration: 2 semesters
Basis of Admission: Through Shoolini University Entrance Test followed by personal interview before the admission committee of the university. JRF/NET/SET qualified candidates are exempted from entrance test
No. of Seats: 08

PhD Physics
Eligibility: M.Sc in concerned or related subject; minimum marks 55%.
Duration: Minimum 6 semesters
Basis of Admission: Through Entrance Test conducted by Shoolini University followed by personal interview before the admission committee of the university. JRF/NET/SAT/M.Phil.
Mr. Bipen Singh, M.Sc. Teaching Assistant
Mr. Atendra Pandey, M.Sc. Research Assistant

Scholarships
To attract meritorious students and as a part of its social responsibility, Shoolini University has instituted significant number of scholarships. This initiative of Shoolini University is aimed at rewarding the hard work of students towards achieving excellence in education and also removing the barriers to higher education for students from low income groups.

Hostels
Admission to the hostels will be on annual basis, but the charges can be paid semester wise.

Hostel accommodation will be allotted only on the production of ID card and hostel fee receipt. As far as possible, the wardens try to accommodate the candidates with the roommate of the same batch. However, it may not be possible to do so in all cases at time of admission. Also, certain hostel and room types are in greater demand and senior students have priority in the allotment of rooms. Provision of hostel accommodation to the admitted students is subject to availability of rooms and allotment will be made on first come first serve basis. In case of non-availability of rooms, candidates must make their own alternate arrangements. However, the university will assist the students in finding accommodation in decent paying guest houses with good antecedents.

Hostel residents are required to adhere to the following rules and regulations:
- The right of admission to the hostels is reserved.
- Admission to the hostels will be open at the beginning of the session.
- Admission shall have to be sought afehr in every academic session and will be confirmed subject to the following conditions:
  a) Receipt of a duplicate admission form duly signed by the parents / guardian of the resident. At the time of admission an applicant will fill such a form and attach a duly stamped envelope addressed to his/her parents/guardian.
  b) Satisfaction of the Dean Resident Students (DRS) regarding proper conduct and regular payment and dues of hostel, mess, and canteen in case of ex residents.
  c) Residents should not keep cash or jewelry or other valuables in their rooms. The responsibility for safety of their belongings will be entirely that of the residents, who are advised to take out an insurance against theft and fire. The management will not be responsible for any loss.

- Consumption of alcohol/intoxicants' smoking is strictly prohibited. Anyone found indulging in the above will be liable to face disciplinary action including expulsion from the Hostel.
- Residents permitting or abetting unauthorized occupation of the rooms/seats shall be liable to expulsion from the hostel.
- Students are not allowed to carry mess plates in their rooms. Food will be served in the room only if a student is sick, on depositing identity card.
- Hostel fee is subject to revision.
- Students have to keep their rooms neat and clean. Their rooms will be inspected by wardens periodically.
- No possession, distribution and consumption of alcohol, prohibited drugs, chewable tobacco, smoking in the hostel complex is not allowed.
- Students will follow proper channels for getting their problems addressed.
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Academic Programmes

- B.Sc (Hons) Physics
- M.Sc Physics
- M.Phil Physics
- PhD Physics

Eligibility:
- B.Sc (Hons) Physics: 10+2 (PCM/ PCB) with minimum 50% marks
- M.Sc Physics: B.Sc with physics as one of the subject; minimum marks 50%
- M.Phil Physics: M.Sc in concerned or related subject; minimum marks 55%
- PhD Physics: M.Sc in concerned or related subject; minimum marks 55%

Duration:
- B.Sc (Hons) Physics: 6 semesters
- M.Sc Physics: 4 semesters
- M.Phil Physics: 2 semesters
- PhD Physics: 6 semesters

Basis of Admission:
- B.Sc (Hons) Physics: By merit of qualifying examination
- M.Sc Physics: By merit of qualifying examination
- M.Phil Physics: By merit of qualifying examination
- PhD Physics: By merit of qualifying examination

No. of Seats:
- B.Sc (Hons) Physics: 30
- M.Sc Physics: 40
- M.Phil Physics: 08
- PhD Physics: 08

Other Information

- Reservation of seats for Himachali/SC/ST/physically handicapped/economically weaker section candidates as per the rules of Himachal Pradesh & Central Government
- Number of seats for Lateral Entry as per AICTE norms
- Minimum eligibility marks relaxable for SC/ST/backward classes and others as per the rules of Himachal Pradesh Government
- Roaster for admissions as per HP Govt rule
- Criteria for admissions to professional courses shall be in accordance with HP government Notification No. EDN (TE) F (10) 2/2018 dated 4th May, 2018.
Refund of Fee

As per UGC norms the refund of fees will be as follows:

<table>
<thead>
<tr>
<th>Percentage of Aggregate Fees</th>
<th>Point of Time at Which Refund is allowed</th>
</tr>
</thead>
<tbody>
<tr>
<td>90%</td>
<td>15 days before the formally notified last date of admissions</td>
</tr>
<tr>
<td>80%</td>
<td>Not more than 15 days after the formerly notified last date of admissions</td>
</tr>
<tr>
<td>50%</td>
<td>More than 15 days but less than 30 days after formally notified last date of admissions</td>
</tr>
<tr>
<td>0%</td>
<td>More than 30 days after formally notified last date of admissions</td>
</tr>
</tbody>
</table>

**Dress Code**

Shoolini University has made it mandatory for all undergraduate students to follow a proper dress code, at least on three specified days in a week. Both boys and girls wear white shirt, gray trousers, gray tie and navy blue blazer with an insignia on the pocket, gray socks and black shoes. Tie and insignia shall be provided by the university at a reasonable cost. The postgraduate students, however, follow the above-dress codeformal and ceremonial occasions. Students should procure dress according to the dress code within two weeks from the commencement of the academic year.

**Education Loans**

Shoolini University has tied up with Punjab National Bank to make easy education loan available to prospective students. The student can cover both tuition fee and hostel expenses.

**Anti-Ragging**

Ragging, an act where a vulnerable or weak junior is victimized by a senior is perceived by Shoolini University to be psychologically scarring for both the perpetrator and the victim. The University takes a very serious view of ragging in any form and is committed to creating an environment that is conducive to study, and free of fear and intimidation, Shoolini University has put in to effect in full the anti-ragging regulations of the UGC. Anyone found involved in ragging shall be punished as per these regulations. All students and their parents/guardians are required to submit affidavit (pro forma enclosed) regarding ragging at the time of admission as per UGC Anti-Ragging regulations.

**Commitment for Safe & Secure Campus**

Vice Chancellor Prof PK Khosla has pledged to make the University a drug, alcohol, smoking and ragging free. He solicits the support of all the parents and students to fulfill this pledge.

**How to Apply for Admission?**

1. The First Step is to satisfy yourself about your eligibility for the course you have chosen to pursue at the Shoolini University.
2. Procure the Shoolini University’s Prospectus by any of the following means:
   - **By Hand**: At Shoolini University City Office (The Mall, Solan) or Counter/University’s Bajhol Campus – FREE.
   - **By Post**: A candidate can send a request at ‘Shoolini University, Post Box 9, The Mall, Solan – FREE’
   - **Online**: Download FREE at www.shooliniuniversity.com
   - **Submit the duly filled Admission Form available in prospectus and at www.shooliniuniversity.com along with processing fee of Rs. 800 (Rupees eight hundred only) in Cash or through Cheque payable at par/Demand Draft drawn in favour of ‘Shoolini University’ payable at Solan, either by hand or through registered post, to The Registrar, Shoolini University, Post Box 9, Head Post Office, The Mall, Solan- 173 212 (HP).
   - **Attach self-attested photocopies of all academic certificates, testimonials and 3 passport size photographs with the Admission Form.**

**Jurisdiction**

In case of any dispute, decision of the Registrar of Shoolini University will be final & the territorial jurisdiction for any legal action shall be limited to Solan (Himachal Pradesh) only.

**How to reach?**

- **By Road**: Well-connected by an extensive network of roads. Solan can be reached conveniently, by a taxi or bus from Delhi, Chandigarh and Kolkata.
- **By Air**: The nearest airports are at Chandigarh and Shimla.
- **By Rail**: The nearest board gauge railway station is at Kalka, while the closest narrow gauge rail station is at Solan.
### Fee Structure

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Fee (Annual)</th>
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<tbody>
<tr>
<td>B Tech</td>
<td>1,37,800</td>
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<tr>
<td>BBA, B Com (Hons), BA (Hons) Economics</td>
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<tr>
<td>B Pharmacy</td>
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<tr>
<td>B Pharma (Practice)</td>
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<tr>
<td>BA (Hons) English</td>
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<tr>
<td>BA Journalism &amp; Mass Communication</td>
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<tr>
<td>B (Hons) Mathematics</td>
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<tr>
<td>B Sc (Hons) Biotech/ Microbiology/ Botany/ Physics/ Chemistry/ Zoology</td>
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<tr>
<td>B Sc (Hons) Mathematics</td>
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<td>B Sc (Hons) Agriculture</td>
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<tr>
<td>B Sc (Hons) Forestry</td>
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<td>B Sc Yoga</td>
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<tr>
<td>B Sc Hospitality &amp; Hotel Administration</td>
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<tr>
<td>B Sc (Hons) Tourism &amp; Travel Management</td>
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<tr>
<td>Integrated B Sc (Hons) &amp; M Sc</td>
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<td>M Sc Biotechnology/ Microbiology/ Food Technology</td>
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<tr>
<td>M Sc Botany/Zoology/Chemistry/Physics/Pharmaceutical Chemistry/ Environmental Sciences</td>
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<tr>
<td>M Sc Mathematics</td>
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<td>M Sc Yoga</td>
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<td>BA LLB</td>
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<td>MBA (Executive) – 3 yrs Part Time</td>
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<td>PGDBM –1 yr</td>
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<td>PG Diploma Digital Journalism</td>
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<td>M Pharmacy</td>
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<tr>
<td>M Tech</td>
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<tr>
<td>M Phil Biotech/Microbiology/Zoology/Chemistry/Environmental Sciences</td>
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<tr>
<td>M Phil Botany</td>
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<td>M Phil Physics</td>
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<tr>
<td>PhD CE/ ME/Economics/Management/Maths/English/Yoga</td>
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</tr>
<tr>
<td>PhD (Botany/Chemistry/Physics/Zoology/Biotech/Microbiology/FoodTech/PharmaceuticalSciences/EnvironmentalSciences)</td>
<td>1,37,800</td>
</tr>
</tbody>
</table>

**Remarks:** 1. Refundable Caution Money of Rs 10,000 is to be deposited for each course. 2. Additional 1% of tuition fee shall be payable as PERC Fund charges.

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### Courses & Number of Seats

The Hon’ble High Court of Himachal Pradesh, vide its order dated 07.05.2018, passed in CWP No. 656 of 2018, has Prima Facie, found in favour of the University and as such the University has been permitted to offer 83 number of seats, in addition to 41 seats in the PhD courses. However, the additional seats are being offered subject to the final decision in CWP 656 of 2018, pending in the High Court.

Similarly, the Hon’ble High Court of Himachal Pradesh, vide its order dated 07.05.2018, passed in CWP No. 678 of 2018 has Prima Facie, found in favour of the University and as such, we have been permitted to offer the following seats and courses detailed herein below:-

**A. INCREASED SEATS**

- **05** number of seats, in addition to 41 seats in the PhD Management Sciences course.
- **03** number of seats, in addition to 41 seats in the PhD Mechanical Engineering course.
- **03** number of seats, in addition to 41 seats in the PhD Civil Engineering course.
- **02** number of seats, in addition to 41 seats in the PhD ECE course.
- **02** number of seats, in addition to 41 seats in the PhD CSE course.
- **08** number of seats, in addition to 41 seats in the PhD Pharmaceutical Sciences course.
- **14** number of seats, in addition to 41 seats in the PhD Biotechnology course.
- **06** number of seats, in addition to 41 seats in the PhD Microbiology course.
- **03** number of seats, in addition to 41 seats in the PhD Food Technology course.
- **08** number of seats, in addition to 41 seats in the PhD Botany course.
- **02** number of seats, in addition to 41 seats in the PhD Zoology course.
- **02** number of seats, in addition to 41 seats in the PhD Environmental Sciences course.
- **10** number of seats, in addition to 41 seats in the PhD Chemistry course.
- **09** number of seats, in addition to 41 seats in the PhD Physics course.
- **02** number of seats, in addition to 41 seats in the PhD English course.
- **04** number of seats, in addition to 41 seats in the PhD Yoga course.

**B. ADDITIONAL COURSES AND SEATS**

Vide the aforementioned order, we have also been permitted to offer the following number of seats in the additional courses detailed herein below:

- **10** number of seats, in the Integrated B. Sc. (Hons) – M.Sc Biotechnology course.
- **10** number of seats, in the Integrated B. Sc. (Hons) – M.Sc. Microbiology course.
- **10** number of seats, in the Integrated B. Sc. (Hons) – M.Sc. (Elite Programme)
- **60** number of seats, in the BALLB course.

However, the additional courses and the seats for admission offered are subject to the final decision of the Hon’ble High Court in CWP No. 678 of 2018.

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**OTHER INFORMATION**

Courses & Number of Seats

The Hon’ble High Court of Himachal Pradesh, vide its order dated 07.05.2018, passed in CWP No. 656 of 2018, has Prima Facie, found in favour of the University and as such the University has been permitted to offer 83 number of seats, in addition to 41 seats in the PhD courses. However, the additional seats are being offered subject to the final decision in CWP 656 of 2018, pending in the High Court.

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**A. INCREASED SEATS**

- **05** number of seats, in addition to 41 seats in the PhD Management Sciences course.
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- **10** number of seats, in addition to 41 seats in the PhD Chemistry course.
- **09** number of seats, in addition to 41 seats in the PhD Physics course.
- **02** number of seats, in addition to 41 seats in the PhD English course.
- **04** number of seats, in addition to 41 seats in the PhD Yoga course.

**B. ADDITIONAL COURSES AND SEATS**

Vide the aforementioned order, we have also been permitted to offer the following number of seats in the additional courses detailed herein below:

- **10** number of seats, in the Integrated B. Sc. (Hons) – M.Sc Biotechnology course.
- **10** number of seats, in the Integrated B. Sc. (Hons) – M.Sc. Microbiology course.
- **10** number of seats, in the Integrated B. Sc. (Hons) – M.Sc. (Elite Programme)
- **60** number of seats, in the BALLB course.

However, the additional courses and the seats for admission offered are subject to the final decision of the Hon’ble High Court in CWP No. 678 of 2018.

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**OTHER INFORMATION**
It is mandatory under the **HIMACHAL PRADESH PRIVATE EDUCATIONAL INSTITUTIONS (REGULATORY COMMISSION) ACT, 2010** that all the Private Higher Educational Institutions including Universities & Colleges in the State shall offer approved courses, make admissions on merit, charge fees as approved by the State Govt, conduct fair examination/evaluation and adhere to the relevant regulatory body norms regarding faculty and infrastructure.

Any violation of the norms by the private educational Institutions will attract penal provisions under section 11 of the Act *ibid*.

For grievances/complaints concerning any academic or administrative lapse(s), such as overcharging of fees, admission in contravention of norms, malpractices in teaching and examinations, and deficiencies in faculty and infrastructure please contact the Secretary/Public Grievance Officer, HP-PERC at the above address through email/fax/by post along with relevant supporting documents, if any, for taking necessary action.

<table>
<thead>
<tr>
<th>Helpline No</th>
<th>0177-2673664</th>
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<tbody>
<tr>
<td>Email</td>
<td><a href="mailto:secy-perc-hp@nic.in">secy-perc-hp@nic.in</a>; <a href="mailto:regulation-perc-hp@nic.in">regulation-perc-hp@nic.in</a></td>
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<td>Tele Fax</td>
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</tbody>
</table>

**Shoolini University of Biotechnology & Management Sciences**

Main Campus: Oachghat - Kumarhatti Road, Dist Solan, HP - India  
City Office: The Mall, Solan - 173212, HP - India  
Mailing Address: Post Box No. 9, Solan - 173212, HP - India  
Phone/Fax: +91-1792-308000

For Admission, Call: +91 96252-33301, 96252-33302, 96252-33303  
or email us at: admissions@shooliniuniversity.com

Disclaimer: This brochure provides general information and cannot form the basis of any legal commitment. The university reserves the right to make amendments whenever required without any prior notice. In case of any dispute, decision of the Registrar of Shoolini University will be final & the territorial jurisdiction for any legal action shall be limited to Solan (Himachal Pradesh) only.