STUDY AT
A TOP RANKED
INDIAN
UNIVERSITY

JOIN THE NEXT GENERATION
OF TOP PROFESSIONALS AT THE
WORLD-CLASS SHOOLINI
UNIVERSITY RANKED AMONG THE
BEST IN INDIA
“We founded Shoolini University with the vision to be among the top 200 global universities. I welcome you to come and experience the Shoolini magic.”

Prof Prem Kumar Khosla
Founder and Vice Chancellor

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, HPNU, Palampur (HP), and as Senior Scientific Advisor to the Government of Himachal Pradesh and has been responsible for guiding it’s science policy.
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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.
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.

Undergraduate & Postgraduate Examinations

Undergraduate & Postgraduate Examinations (Other than Pharmacy courses)

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, and 0.

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

ATTENDANCE

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 practicals).

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 and OGPA on a scale of 10:

   Undergraduate & Postgraduate Examinations (Other than Pharmacy courses)

   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, and 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

   An undergraduate student (B Tech and B Pharma) who has not cleared all courses of the first two semesters shall not be allowed to register in the 5th semester. A student, who has not cleared all the courses of 3rd & 4th semester, shall not be allowed to register for 7th semester till he/she clears all the courses of 3rd and 4th semester. In case of other undergraduate courses, a student will not be allowed to register in 5th semester until or unless he/she clears all the previous courses.

   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.

   Undergraduate & Postgraduate Examinations

   Undergraduate & Postgraduate Examinations (Other than Pharmacy courses)

   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, and 0.

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   Undergraduate & Postgraduate Examinations (Other than Pharmacy courses)

   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, and 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:

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   An undergraduate student (B Tech and B Pharma) who has not cleared all courses of the first two semesters shall not be allowed to register in the 5th semester. A student, who has not cleared all the courses of 3rd & 4th semester, shall not be allowed to register for 7th semester till he/she clears all the courses of 3rd and 4th semester. In case of other undergraduate courses, a student will not be allowed to register in 5th semester until or unless he/she clears all the previous courses.
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 examiners 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 Sciences/Environmental Sciences/Physics/Mathematics/Chemistry/Zoology/Economics/Food Technology/Mechanical Engineering/Civil Engineering/CSE/Yoga.

**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 (JRF/NET/SAT/ M Phil qualified candidates are exempted from entrance test), followed by personal interview before the admission committee of the university.

**FELLOWSHIPS**
FOR PhD STUDENTS ADMITTED IN ACADEMIC YEAR 2019-20

**NET QUALIFIED STUDENTS**
NET qualified candidates will be appointed as Assistant Professors/Teaching Assistants on a fixed salary of Rs 21,600/- and will pay fee as per rules.

**SHOOLINI ALUMNI**
Shoolini University students who apply for admission by notified date shall be eligible for one-time scholarships equivalent to 100% of one semester’s tuition fee during the second semester.

**VICE CHANCELLOR’S RESEARCH FELLOWS**
This is an open competitive scholarship for any student who is eligible to be admitted in PhD programmes of the University. The fellows will be selected by a Committee chaired by Vice Chancellor. Selected students will pay a tuition fee of Rs 25,000/- per semester for three years.

**PUBLICATION INCENTIVES**
Every student admitted in PhD programme will get grant coupons ranging from Rs 10,000/- to Rs 1 lakh. These coupons can be redeemed after publishing research/review papers in Scopus listed journals on the following basis:

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<tr>
<th>S.NO.</th>
<th>IMPACT FACTOR OF JOURNAL</th>
<th>GRANT AMOUNT</th>
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<tr>
<td>1</td>
<td>&lt;1</td>
<td>Rs 10,000/-</td>
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<tr>
<td>2</td>
<td>&gt;1 to 3</td>
<td>Rs 20,000/-</td>
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<tr>
<td>3</td>
<td>&gt;3 to 6</td>
<td>Rs 30,000/-</td>
</tr>
<tr>
<td>4</td>
<td>&gt;6 to 9</td>
<td>Rs 50,000/-</td>
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<td>5</td>
<td>&gt;9</td>
<td>Rs 1 Lac</td>
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There is no restriction with respect to number of grants a student can receive during the duration of his/her PhD programme. However, as per academic regulations, every student has to publish minimum of 3 papers (including one review) in Scopus listed journals before submission of thesis. Further, as per rule, the student will not pay fee for 7th and 8th semester, but there after fee will be charged.
Academic Programmes
A post-doctorate from National Cancer Institute, National Institutes of Health (NIH), USA, Prof Anuradha Sourirajan specializes in the field of protein biochemistry, genetics and molecular biology. She got her initiation into research at Indian Institute of Science, Bangalore, a premier institution for scientific and industrial research and higher education in India.

Anuradha’s research focuses on the understanding of cell cycle regulation of yeast meiosis, exploiting medicinal plants of Western Himalayas for cancer therapeutics using yeast system, and stress control using halophile microbes and ferns. Her research focuses on questions such as: What are the targets in cell cycle that can potentially be used for blocking cancer progression? Her research findings have been widely published in internationally reputed journals. Her researches have been endorsed by extramural funding from Department of Biotechnology and Department of Science and Technology, Government of India. She has about two dozen research papers and three patents to her credit.

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 us closer to understanding fundamental questions about life where biotechnology makes a substantial contribution to generate tremendous employment opportunities in more advanced technologies like nanotechnology, stem cell research, cell signaling, health care biosensors, bioremediation, bioinformatics, pharmaceutics, and genetically modified products of diverse origins.

The Faculty of Applied Sciences Biotechnology enjoys excellent reputation for well-qualified and learned 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, Dabur Ltd, Jubilant Organosys Ltd, Ocu-mum Bio-solutions and Nectar 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 Uspak Pharmaceuticals, Tripathi Medicare and NutraHelix for strengthening programmes in Food Technology. It has formed mutually beneficial links with various industries for commercialising research leads of the university and student’s 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), Government of India. The faculty has also received a DST FIST grant of Rs. 65 lakh for setting up a proteomics facility at the university. The DST along with HPPIC, SCSTE (Shimla) also sponsored an IPR cell at the University.

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 & M Tech Food technology courses by the MOFPI. The project includes financial assistance for the purchase of 26 major machines and equipment related to food processing, canning line and dairy processing line. The financial grant also includes an assistance of Rs. 5 lakh for the purchase of more than 500 book titles in the subject of food technology. The University is also looking forward to producing marketable food, vegetable and dairy based products tailored by the food processing units at a pilot scale.

Further to satisfy the requirements of the biotech industry, our graduates are imparted practical training in plant tissue culture, biotransformation, 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.
School of Biotechnology

ACADEMIC PROGRAMMES

B Sc (Hons) Biotechnology

- Microbiology
- Integrated B Sc (Hons) - M Sc (Biotechnology)
- Integrated B Sc (Hons) - M Sc (Microbiology)
- M Sc Biotechnology
- M Sc Microbiology
- M Phil Biotechnology
- M Phil Microbiology
- PhD Biotechnology
- PhD Microbiology

B Sc (Hons) Microbiology

Eligibility: 10+2 PCB/PCM with 50% marks
Duration: 6 semesters
Basis of Admission: By merit of qualifying examination
No. of Seats: 120

Integrated B Sc (Hons) - M Sc (Biotechnology)*

Eligibility: 10+2 PCB/PCM with more than 75% marks
Duration: 10 semesters
Basis of Admission: By merit of qualifying examination
No. of Seats: 60

Integrated B Sc (Hons) - M Sc (Microbiology)*

Eligibility: 10+2 PCB/PCM with more than 75% marks
Duration: 10 semesters
Basis of Admission: By merit of qualifying examination
No. of Seats: 60

M Sc Biotechnology

Eligibility: B Sc with Biotechnology/ Microbiology/
Biochemistry/ Life or Physical Sciences as one of subject
or Bachelor Degree in any branch of science & technology
Minimum marks 50%
Duration: 4 semester
Basis of Admission: By merit of qualifying examination
No. of Seats: 50

Research will form a part of the programme starting from
the first semester. The objective of the course is to provide
students with the skills, knowledge and experience that are
needed to pursue a successful career in biotechnology. The
programme is designed to expose the students to recent
exciting developments in the area of genetic engineer-
ing and biotechnology and their exploitation in industry,
agriculture and medicine.

It combines course work with research and prepares
students for careers as professional biotechnologists in
industry, government, education, and research organi-
zations, or for further professional training and research.
Research forms part of the programme from the first
semester. 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 Sc Microbiology

Eligibility: B Sc with Microbiology/ Biotechnology/ 
Biochemistry/ Life Sciences as one of the subject with at
least 50% marks
Duration: 4 semester
Research will form a part of the programme starting from
the first semester
Basis of Admission: By merit of qualifying examination
No. of Seats: 50

Microbes have played an important role in the large scale
chemical transformations (carbon, nitrogen and sulphur
cycles) on this earth. Microbiology, the science of microor-
ganisms, has contributed significantly in the development
of biotechnology, biochemistry, genetics and molecular
biology. Micro-organisms help in several industries like
pharmaceutical industry, jute industry, food industry, etc.

FACULTY MEMBERS

PROFESSOR OF EMINENCE/ADJUNCT FACULTY

Prof RC Mahajan

PHD; PGIMER, Chandigarh & Advisor ECD, ICMR;
PhD; Post Doc USA; Professor of Eminence

Professor of Eminence

Prof Bhavender Paul

PhD; Post Doc USA; Professor of Eminence

Prof Dk Sharma

PhD, Former Head, Biotech Dept & Director (Res), UWP, Solar;
Professor of Eminence

Prof Steven L Stephenson

PhD; Fulbright specialist, University of Arkansas, USA;
Adjunct Professor

Dr Manoj K Kashyap

PhD; Adjunct Professor

Dr Kamlesh Kanwar

PhD; Adjunct Professor

PROFESSORS

Dr Anuradha Sourirajan

PhD, Post Doc, National Cancer Institute (NIH), USA

Dr Kamal Dev

Post Doc, National Cancer Institute (NIH), USA

Dr Sourabh Kuhalshreshtha

PhD, Post Doc, Dept of Pathology, University of Kentucky,
USA & Germany

ASSOCIATE PROFESSORS

Dr Reena Vohra PhD, Post Doc, NET

Dr Azhar Khan PhD, Post Doc

ASSISTANT PROFESSORS/ LECTURERS

Dr Asha Tripathi PhD

Dr Anshul Sharma PhD, NET

Dr Chandrika Attri Seth PhD

Dr Nithika Thakur PhD, NET

Dr Shilpa Srivastava PhD, NET; GATE

Dr Pradeep Kumar PhD

Dr Sonali Khaduna Kaba PhD (Microbiology)

Dr Suman Bhandary PhD, GATE (Microbiology)

Dr Vikas Kumar PhD, NET

Ms Chandresh Kumar M Sc (Pursuing PhD)

Ms Neeraj Pizar M.A English, NET

Ms Rajni Sharma MCA

Mr Henok Gulliat Azelewkor

M Sc (Ethiopia)
Hormones, vitamins, vaccines are also manufactured from micro-organisms.

M Phil Biotechnology
Eligibility: MSc/Biotechnology/Microbiology/any related branch of Life Sciences with minimum of 55% marks
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 qualified candidates are exempted from entrance test
No. of Seats: 20

M Phil Microbiology
Eligibility: MSc/Biotechnology/Microbiology/any related branch of Life Sciences with minimum of 55% marks
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 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
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: 12

PhD Microbiology
Eligibility: Master's degree in Microbiology/related discipline with at least 55% marks.
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: 08

School of Bioengineering & Food Technology

FACULTY MEMBERS
PROFESSOR OF EminENCE/ADJUNCT & VISITING FACULTY
Prof. Umesh Kumar Kohli
PhD, Post-Occ, (Washington State University, USA); Professor of Eminence
Dr. Ramesh C. Chandan PhD, Adjunct Professor
Dr. VK Joshi; PhD, Adjunct Professor
Dr. CK Shirkot PhD, Adjunct Professor
Dr. BB Lal Kaushal PhD, Visiting Professor

PROFESSORS
Dr. Dinesh Kumar
PhD, PG Diploma in Bio-informatics, Post Doc experience in Ireland & Netherlands

ASSOCIATE PROFESSORS
Dr. Amit Seth, PhD
Dr. PK Chauhan, PhD, NET

ASSISTANT PROFESSORS/LECTURERS
Dr. Ravinder Kaushik, PhD
Dr. Ankur Kushal, PhD, M Tech
Dr. Rupak Nagraik, M Tech, PhD (Pursuing) NET
Dr. Rahul Thory, PhD, M Sc NET
Mr. Mukul Kumar, M Tech, PhD (Pursuing) NET
Dr. Ashok Pathera, PhD (Food Technology) NET
Dr. Shagun Gupta, PhD, M Sc
Dr. Rosay Dhanta, PhD
Mr. Suresh, Diploma Horticulture Management, MBA, M Sc IT
Mr. Shikhar Sharma, MBA; Management Assistant

ACADEMIC PROGRAMMES
- B Sc (Hon's) Food Technology
- 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 Sc (Hon's) Food Technology
- Eligibility: 10 + 2 (PCM/PB) with minimum 50% marks
Duration: 6 semesters
Basis of Admission: By merit of qualifying examination.
No. of Seats: 60

- B Tech Biotechnology
Food Biotechnology, Pharmaceutical & Healthcare, Bioinformatics, Biotechnology, Genetic Engineering, Instrumentation Biotechnology, Environmental Biotechnology, Agri-Biotechnology, Seed Biotechnology, Industrial Biotechnology.

- B Tech Biotechnology
- Eligibility: 10 + 2 (PCM/PB) with minimum 50% marks
Duration: 6 semesters
Basis of Admission: Through JEE/HP CET or any equivalent entrance test recognised by HP Government. Vacant seats, after exhausting the merit list of JEE/HP CET, 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)

- B Sc (Hon's) Food Technology
- 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 on-hand experience in biotech related commercial/research and development activities
Specialisation: Provision for Specialisation/ Electives in 5th Semester in Medical/ Pharmaceutical Biotechnology, Plant & Food Biotechnology, Bioinformatics, Nanotechnology, Animal Biotechnology, Environment Biotechnology Biotechnology has applications in diverse fields, such as medicine, agriculture, food technology, pharmaceuticals, diagnostics, blood products, artificial organs, nutraceuticals, energy, pollution control, environment protection and waste management.

- B Tech Food Technology
- Eligibility: 10 + 2 (PCM/PB)
Duration: 8 semesters
Basis of Admission: Through GATE/HP CET or any other recognised entrance test followed by Personal Interview. Vacant seats, after exhausting the merit list of GATE/HP CET, are to be filled on the basis of merit of B Tech with candidates having at least 50% marks.
No. of Seats: 18

- B Tech Food Technology
- Eligibility: BE / B Tech Food Technology OR M Sc Biotechnology/Microbiology/Biochemistry/any other branch of Life Sciences
Duration: 4 semesters
Basis of Admission: Through GATE/HP CET or any other recognised entrance test followed by Personal Interview. Vacant seats, after exhausting the merit list of GATE/HP CET, 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 Biotechnology
Eligibility: BE / B Tech Food Technology/Agriculture/Biotechnology OR M Sc Biotechnology/Microbiology/Biochemistry/any other branch of Life Sciences
Duration: 4 semesters
Basis of Admission: Through GATE/HP CET or any other recognised entrance test followed by Personal Interview. Vacant seats, after exhausting the merit list of GATE/HP CET, 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 Biotechnology
Eligibility: BE / B Tech Food Technology/Agriculture/Biotechnology OR M Sc Biotechnology/Microbiology/Biochemistry/any other branch of Life Sciences
Duration: 4 semesters
Basis of Admission: Through GATE/HP CET or any other recognised entrance test followed by Personal Interview. Vacant seats, after exhausting the merit list of GATE/HP CET, 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 Biotechnology
Eligibility: BE / B Tech Food Technology/Agriculture/Biotechnology OR M Sc Biotechnology/Microbiology/Biochemistry/any other branch of Life Sciences
Duration: 4 semesters
Basis of Admission: Through GATE/HP CET or any other recognised entrance test followed by Personal Interview. Vacant seats, after exhausting the merit list of GATE/HP CET, 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 in to 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 processing 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/SAT/M Phil qualified candidates are exempted from entrance test
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.
Prof Chandel, former Professor and founder Head at Centre for Energy & Environmental Engineering, National Institute of Technology, Hamirpur is an eminent expert in photovoltaics, solar thermal, solar passive building technologies, solar power generation, wind and bio energy, and hybrid power systems. He has played a key role in formulating the policy on solar passive housing technology. As Principal Scientific Officer and Head of HP Patent Information Centre at HP State Council for Science, Technology & Environment, he was responsible in formulation of policy on Geographical Indications registration and IPR issues. He has a vast experience in coordinating national and international energy projects. Prof Chandel is the recipient of prestigious Life Time Achievement Award in Science by Government of Himachal Pradesh. He has been honoured with National Award for Excellence by Ministry of New and Renewable Energy, Govt. of India for promoting concentrated solar technologies.

Shoolini University excels in engineering and technology as an academic discipline with its highly qualified and experienced full time faculty, who have by-join full time, who have by several years of experience as either academicians 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 workspaces 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 strategic partnership with Anand Automotive Group, leading manufacturer of automotive components and systems in India, for improving educational qualifications of its diploma holder employees.

Shoolini University’s ‘Sprint Programme’ is designed to significantly upgrade skills and capabilities of its engineering and technology students. Led by top corporate and industry leaders, leading entrepreneurs and professional trainers the programme involves exhaustive sessions on current affairs in relevant industry domains, soft skills, personal interviews and group discussion based on highly interactive approach. It is an accelerated learning programme designed after Shoolini’s ‘Sprint MBA’ that is inspired by Stanford’s mini MBA.

Shoolini University has in place an exchange programme for students and faculty to prosecute studies and undertake research at respective organisation. Under the student exchange programme, 70+ students have gone for studies and research in various reputed universities/ institutions in South Korea, Taiwan, China and USA. From outside India, 11 South Korean and Taiwanese students have completed one semester at Shoolini. Students have been awarded Centre for Automobile Education and Research

Shoolini University has established the Centre of Excellence for Automobile Engineering by joining hands with leading industries in Automotive Engineering to achieve excellence and to produce entrepreneurs and technocrats. It will be the first such institute in region providing academic excellence in Automotive Engineering at Under graduation, Master’s and Doctorate level, along with imparting training to upgrade skills required by the Automotive industry.

Centre of Excellence for Nanotechnology

Nanotechnology is an emerging technology of the 21st century. It relates to the study of production and manipulation of materials at extremely small scale with applications across all branches of science and engineering. The university has, thus, established the Centre of Excellence in Nanotechnolo- gy (CEN) which provides common facilities for undertaking multidisciplinary research in nanoscience and nanotechnology. The main objectives of the CEN include joint research with national and international institutions, technology transfer and commercialization of research outcomes.

Center of Excellence in Renewable Energy

The Centre is undertaking research work on the various renewable energy sources like solar, wind and thermal energy.

International Student and Faculty Exchange

As part of international tie-ups with various organisations, Shoolini University has in place an exchange programme for students and faculty to prosecute studies and undertake research at respective organisation. Under the student exchange programme, 70+ students have gone for studies and research in various reputed universities/ institutions in South Korea, Taiwan, China and USA. From outside India, 11 South Korean and Taiwanese students have completed one semester at Shoolini. Students have been awarded
fellowships to meet their boarding, lodging and tuition fee expenses at the South Korean Universities.

On the faculty exchange front, Dr Hyoung-In Lee, Research Professor from Seoul National University and On Cham Lee taught Shoolini B Tech students for a fortnight.

**facilities**
- Mechanical workshops (4)
- Mechanical Labs (3)
- Physics & Chemistry Labs (2)
- Computer Labs with broadband connectivity OptiFlex Dell high end machines (5)
- Electrical Lab (1)
- Food Technology Labs (2)
- Electronics & Communication Labs (5)
- Drawing Hall (3)
- CSE Labs (3)
- Language Lab (1)
- Seminar Room (1)
- Tutorial Rooms (6)

**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 Sector
- 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 NEWS
- 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
- Dr Subhash Chander
  PhD, Post-doc; Professor of Eminence; Mechanical
- Dr SR Prabhakar
  PhD (Metallurgical Eng.), Professor of Eminence; Mechanical
- Er Rajinder Abbhane
  B Tech; Visiting Faculty
- Dr S Acharya
  B Tech, MBA; Visiting Faculty
- Maj Gen AK Chaturvedi
  M Tech, M Phil, PhD; Visiting Faculty
- Dr Hyeong In Lee
  PhD, Seoul National University, Visiting Faculty
- Dr Harish Chandan
  PhD, Adjunct Professor

**ASSOCIATE PROFESSORS**
- Dr Mohindra Singh Thakur, PhD, Civil
- Prof Avind Nanda, PGWAMP (General Management,

**Professor from Seoul National University and On Cham Lee**

**associate professors**
- Dr Robin Thakur, PhD, Mechanical
- Dr Raj Kumar, PhD, Mechanical
- Dr Amar raj Singh, PhD, Mechanical

**Assistant professors/lecturers**
- Dr Anil Kumar, PhD, Mechanical
- Dr Abhilash Pathania, PhD, Mechanical
- Er Sarbajit Aggarwal, M Tech, Mechanical
- Er Sanjay Garg, M Tech, Civil, PhD (Pursuing)
- Er Nitin Kumar Sharma, M Tech, Mechanical, PhD (Pursuing)
- Er Sashank Thapa, M Tech, Mechanical, PhD (Pursuing)
- Er Aditi Rana, M Tech, Mechanical
- Er Sushil Kumar, M Tech, Mechanical
- Er Raj Kumar, M Tech, Mechanical
- Er Veena Kashyap, B Tech, M Tech, Civil
- Er Ms Maitishi Sharma, M Tech, Civil
- Er Mr Vikas Mehta, M Tech, Civil
- Ms Nidhi Kapoor, M Tech, Civil
- Ms Priyanka, M Tech, Civil

**Academic programs**
- B Tech Civil Engineering
- B Tech Civil Engineering (Lateral Entry)
- B Tech Mechanical Engineering
- 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 (IPCM)
- Duration: 4 semesters
- Basis of Admission: Through JEE/ HP CET or any equivalent entrance test recognised by HP Government. In case of non JEE/HP CET, minimum marks 50% for vacant seats after exhausting merit of JEE/HP CET.
- No. of Seats: 60

**B Tech Mechanical Engineering Eligibility:** Diploma in concerned or related subject with minimum of 50% marks.
- Duration: 8 semesters
- Basis of Admission: By merit of qualifying examination
- No. of Seats: 120

**M Tech Mechanical Engineering Eligibility:** Bachelor of Engineering or equivalent degree with minimum 50% marks in the aggregate of all subjects.
- Duration: 2 years
- Basis of Admission: Through GATE/ HP CET or any equivalent entrance test recognised by HP Government. In case of non GATE/HP CET, minimum 50% marks for vacant seats after exhausting merit of JEE/HP CET.
- No. of Seats: 30
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 B Tech with candidates having at least 50% marks.

No. of Seats: 18

M Tech Civil Engineering
Eligibility: B Tech Civil Engineering
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 B Tech with candidates having at least 50% marks.

No. of Seats: 18

PhD Civil Engineering
Eligibility: Master’s degree in Civil 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/M Phil qualified candidates are exempted from entrance test
No. of Seats: 02

PhD Mechanical 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/M Phil qualified candidates are exempted from entrance test
No. of Seats: 02

School of Electrical & Computer Engineering
FACULTY MEMBERS
PROFESSORS OF EMINENCE/ADJUNCT & VISITING FACULTY
Er CP Mahajan
Professor of Eminence
Dr GS Virdi
PhD, Post-doc USA & Finland; Professor of Eminence
Mr Jyoti Prakash Gupta
B Tech, Adjunct Professor

PROFESSORS
Prof Shyam Singh Chandel, PhD
Prof Ram Prakash Dwivedi
PhD, Post-doc (South Korea); ECE

ASSOCIATE PROFESSOR
Er Pankaj Vaidya, ME, BE, CSE
Er RK Saini, ME, MIE, ECE
Dr Neeraj Gandotra, M Tech, PhD, Maths

ASSISTANT PROFESSORS/LECTURERS
Er Sunil Pathania, M Tech, Gate, ECE; on study leave
Dr Varun Jaswal, PhD
Dr Gaurav Gupta, M Tech, CSE
Er Sachin Sharma
M Tech, Asst professor-cum-Chief Information Officer; CSE
Er Aushwani Sharma, M Tech, ECE
Er Sanjay Bhardwaj, M Tech, Lecturer; Electronics
Er Gunjan Thakur, B Tech, M Tech, IT
Er Hem Ram Kashyap, MCA, CSE
Er Sunil Kumar, M Phil, M Tech, M Sc, Maths
Er Ankil Gupta, M Tech, CSE
Er Meenakshi Nayar, M Tech, CSE
Er Namita Gandotra, M Tech, CSE
Er Diksha Sharma, M Tech, CSE
Dr Nagesh Kumar, PhD, CSE
Er Bharti Thakur, MCA, M Tech, CSE
Er Mahesh Kumar, M Tech, CSE
Er Hemant Sharma, M Tech, IT

ASSOCIATE PROFESSOR
Er Pankaj Vaidya, ME, BE, CSE
Er RK Saini, ME, MIE, ECE
Dr Neeraj Gandotra, M Tech, PhD, Maths

ASSISTANT PROFESSORS/LECTURERS
Er Sunil Pathania, M Tech, Gate, ECE; on study leave
Dr Varun Jaswal, PhD
Dr Gaurav Gupta, M Tech, CSE
Er Sachin Sharma
M Tech, Asst professor-cum-Chief Information Officer; CSE
Er Aushwani Sharma, M Tech, ECE
Er Sanjay Bhardwaj, M Tech, Lecturer; Electronics
Er Gunjan Thakur, B Tech, M Tech, IT
Er Hem Ram Kashyap, MCA, CSE
Er Sunil Kumar, M Phil, M Tech, M Sc, Maths
Er Ankil Gupta, M Tech, CSE
Er Meenakshi Nayar, M Tech, CSE
Er Namita Gandotra, M Tech, CSE
Er Diksha Sharma, M Tech, CSE
Dr Nagesh Kumar, PhD, CSE
Er Bharti Thakur, MCA, M Tech, CSE
Er Mahesh Kumar, M Tech, CSE
Er Hemant Sharma, M Tech, IT
No. of seats: after exhausting the merit list of JEE/HPCET, are to be filled

B Tech in Computer Science & Engineering constitutes a

As per AICTE/UGC norms

No of seats: basic of Admission:

Eligibility: (lateral Entry)

entrance test recognised by HP Government. Vacant seats,

basis of Admission:

Duration: By merit of qualifying examination

No. of Seats: 30

B Tech IT (Lateral Entry)

(Specialization: Cloud Technology & Information Security)

Eligibility: Diploma in concerned or related subject with min-

imum of 50% marks.

Basic of Admission: By merit of qualifying examination

No. of seats: As per AICTE/UGC norms

The demand for IT professionals continues to rise as an exponential rate and more and more enterprises adopt Cloud Computing. The market for Cloud computing & Network Security is likely to grow at a compound annual growth rate of 30% to reach US$ 270 billion by the year 2020 and with around 4 lakh job opportunities in India in the same period.


Eligibility: 10 + 2 (PCM)

Duration: 8 semesters

Basis of Admission: Through JEE/ HPCET or any equivalent entrance test recognised by HP Government. 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: 30

B Tech Electrical Engineering (Lateral Entry)

Eligibility: Diploma in concerned or related subject with min-

imum of 50% marks.

Basic of Admission: By merit of qualifying examination

No. of seats: As per AICTE/UGC norms

Our MAV 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.

PhD Computer Science & Engineering

Eligibility: Master’s degree in Computer Science and Engineering 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 (JRF/NET/SAT/M Phil qualified candidates are exempted from entrance test), followed by personal interview before the admission committee

No. of Seats: 02

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/M Phil qualified candidates are exempted from entrance test

No. of Seats: 02
An eminent Senior Executive with an illustrious career in the corporate sector, Prof Atul Khosla has a proven track record of advising Indian and global clients in their strategic choices and building successful businesses in India. He is management consultant and Senior Advisor to Marsh and McLennan, world's largest professional services firm. As management consultant, he served clients in North America, Europe, Asia, Australia and India. He has held senior positions with some of the world's leading consultants like McKinsey and Company, Everest Group, Towers Watson, Oliver Wyman and ac-connect ag. Switzerland. He is a guest speaker at global business schools including INSEAD, IIM Ahmedabad, IIM Lucknow, IM Bangalore, ISB, JBIMS, 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 of 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.}

Faculty of Management Sciences and Liberal Arts

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, Ciberex, Abacus 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 Communication 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 Invisible’ 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 Economics
- Consumer Behaviour
- Finance and Banking
- Marketing
- Environment

GOVERNANCE SUPPORT TO MBA PROGRAMME
Majority of the members of governing body and both the 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, MSE (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 Insulteep Ltd, Thailand

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

Mr. Ashish Khosla
BE, MBA (IIM Calcutta); Senior Vice President, UNI, Abu-Dhabi; Formerly Senior Executive Positions in Citibank, 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, Punjabsad.com and Techshirty.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 46 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 year 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 winteris are the ideal destination for pursing 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 opportuni- ties are available for yoga professionals and researchers in various fields like educational institutions, health resorts, gymnasias, medical institutions and therapy centres both within and outside the country. Shooldin University becomes the first institute to start B.Sc. Yoga in the region. The pro- gramme has been designed to provide both theoretical knowledge and hands-on training, besides transformation- al 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. Vinip 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, advertis- ing, news analysis and public relations. During his 37 years+ experience in journalism, Vinip Pubby has reported extensively from all over 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.

CAREER PATHS
- Executives / Managers (Private and 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
- Entrepreneurship
- e- Business
- Academics (Teaching & Research)

FACULTY MEMBERS

PROFESSORS/DIRECTORS
- Prof Atul Khosla
  B Tech (IIT Kanpur), MBA (Jamna Lal Bajaj), Senior Partner & Country Head Oliver Wyman, Previous Senior Management Positions: a-connect Switzerland, McKinsey & Company India, Everest Group USA; Professor & Dean, Pro Vice Chancellor and Executive Trustee

Mr. Vinip Pubby
- Director, Journalism & Mass Communication

Col TPS Gill MA (Pub Admin)
M Sc (Defence Studies), Director Operations
Mr. Narinder Verma
- PGDM (IMC), PGDAC, B Tech (IIT); Management

Dr. Kuldeep Roihe
- PhD: MBA (SLET); Management

Mr. Pratip Mazumdar
- Hospitality & Hotel Management

Ms. Poonam Narula
- MBA, SPRINT & Skills Development; English

Dr. Ashutosh Mohanty
- PhD; Public Administration

Dr. Sunil Puri, PhD
- Landuse/ Envn Management

FACILITIES
- IT Centre
- e-Lab
- Language Lab
- Audio-Visual Room
- Meditation Hall
- Tutorial Room
- Conference Rooms
- Yoga and Meditation Centre
- Restaurant

BA (Hons) English, MA English, PG Diploma in Journalism; mrs Nishtha Anand

MBA, Microsoft Certified Professional; Managing Partner, Head Marketing MNC Trading, Abu- Dhabi

mrs Ashoo khosla

HSBC, Marico Abu- Dhabi; Formerly Senior Executive Positions in Citibank, HSBC, Marico

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

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

Mr. Ashish Khosla
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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, Punjabsad.com and Techshirty.com
Prospectus 2019-20

Faculty of Management Sciences and Liberal Arts

ASSOCIATE PROFESSORS
Dr Devesh Kumar, PhD, MBA, MCA, Management
Dr Dipankar Sharma, PhD, Management
Dr Vinod Kumar, MBBS, Logic Sciences
Mr. Manav Bansal, B Tech, CSE, MBA(II)
Dr Neeraj Gondotra, PhD, Mathematics
Dr Pooja Verma, PhD, MBA, NET, Management
Dr Nandan Sharma, PhD, Law

ASSISTANT PROFESSORS
Dr Nitin Gupta, PhD, MBA, PGDPM & LW, Management
Mr Kamalkant Vashisth, MBA, NET, Management
Mr Amar Raa, MBA, NET, Management
Ms Prachi Kapil, MBA, Management
Mr Shivendra Krishan Gupta, MBA, Business Analyst, Management
Mr Vikrant Chauhan, MPhil, SET, Physical Education
Mr Neeraj Pizarr, MA (English), English
Dr Purima Bali, PhD, English
Dr Subodh Saurabh Singh, PhD, Logic Science, NET
Dr. Mal Tripathy, PhD, Logic Science, NET
Mr Vijay Kumar, MBA, Management
Ms Ranjna Thakur, Master of Mass Communication, NET, SET, Journalism
Mr Ramesh Kumar Sood, M Phil, Assistant Registrar
Mr Karan Berry, M Sc, NET, Hotel Management
Dr Vinay Negi, PhD, Senior Business Analyst, Management
Mr Ankit Shukla, Master of Hotel Management
Mr Sumit Verma, MBA, Management
Dr Supriya Srivastava, PhD, NET
Dr Rakesh Kumar Shukla, PhD, Statistics
Dr Rosey Dhanta, PhD, Economics
Mr Pawan Sharma, MBA, Management
Ms Shubhika Sharma, MBA, Management
Ms Harsha Thakur, MBA, Management
Ms Varsha Patil, CB, Commerce
Ms Anupama Chandel, MA Yoga, Logic Sciences
Mr Ranjeet Singh, MBA

Mr Shubham Verma, MBA, Management Trainee
Ms Lata Negi, MA, English, B.Ed
Mr Vineet Sharma, Master in Tourism Management, B.Sc
Mr Pushpendar Verma, MBA
Ms Sakshi Sharma, MBA
Mr Suraj, MBA
Mr Anuj, MBA
Ms Richa Devesar, MBA

PROFESSOR EMERITUS/ADJUNCT & VISITING FACULTY
Dr Kedar Nath Banerjee, PhD, Professor Emeritus
Prof Ashley Braganza, PhD, Brunel Business School, London; Organisational Transformation, Adjunct Professor
Ms Andrea Wright, MA (Development Studies), Brown University, USA, Adjunct Faculty
Mr Sunil Thawani, Adjunct Professor
Brig Govind Singh Sidodia, Adjunct Professor
Mr Bhaskar MB Baruah, Advisor
Mr Rajendra Abhang, BE, Visiting Faculty
Mr Rajinder Sharma, LLB (Hons), Visiting Faculty
Mr Kamlesh Vyas, BE, MBA, Visiting Faculty
Mr S Rishab, B Com (Hons), CA, Visiting Faculty
Dr Ritu Verma, PhD (Univ. Pennsylvania), MBA (Insead), Visiting Faculty
Mr Pratik Ved, MBA (IM, Ahmedabad), Visiting Faculty
Mr Judhajit Das, PGDPM & IR, Visiting Faculty
Ms Pooja Malik, PG (HRM), Visiting Faculty
Ms Arti Nihalani, PGDM (IM, Ahmedabad), Visiting Faculty
Mr Gaurav Mehta, MBA (Australian Graduate School of Entrepreneurship), BE, Visiting Faculty
Mr Ashish Khosla, PGDM (IIM Calcutta), Visiting Faculty
Dr Ashish Khosla, PGDM (IIM Calcutta), Visiting Faculty
Mr Pradeep Srivastava, MBA, PGDM & IR, Visiting Faculty
Mr Sumit Gupta, MBA, Visiting Faculty
Mr Praveen Srivastava, PGDM (IIM Calcutta), BE, IT (Roorkee), Visiting Faculty
Mr Vijay Januja, MA (Economics), Adjunct Professor and Advisor
Mr Pradeep Sharma, MBA, PGDM & IR, Adjunct Professor
Mr Ashish Julka, Adjunct Professor

Faculty of Management Sciences and Liberal Arts
Mr Amit Khanna, Advisor and Adjunct professor

ACADEMIC PROGRAMMES
- BA (Hons) Economics
- BA (Hons) English
- BA Journalism & Mass Communication
- BBA
- B.Com (Hons)
- B.Sc Hospitality & Hotel Administration
- B.Sc Yoga
- M.Sc Yoga
- MA English Literature
- MBA- Finance/Biotechnology/Pharma & Healthcare Marketing/Human Resource (HR)
- MBA Executive (Part Time)
- PGDBM
- PhD (Business Management/Environment Management)
- PhD Economics
- PhD Yoga

BA (Hons) Economics
Eligibility: 10+2 (Any stream) with at least 50% marks
Duration: 6 semesters
Basis of Admission: By merit of qualifying examination
No. of Seats: 30

Economists are involved in the most fundamental decisions of businesses, governments, and industries. By understanding the principles of economics, you can make informed decisions that impact the economy and society. The BA (Hons) Economics programme provides you with a strong foundation in economic theory and practical skills that are valued by employers in various sectors.

BA (Hons) English
Eligibility: 10+2 (Any stream) with English as one of the subjects
Duration: 6 semesters
Basis of Admission: By merit of qualifying examination
No. of Seats: 30

The BA (Hons) degree in English will provide you with the skills and knowledge that are required for a successful career in the fields of education, communication, publishing, editing, and creative writing. The programme would equip you with a wide range of transferable skills needed for a rewarding career. By combining classical and contemporary literature, you will acquire the critical leadership, team, and communications skills that today's employers are looking for.

BA Journalism and Mass Communication
Eligibility: 10+2 (Any stream) with at least 50% marks
Duration: 6 semesters
Basis of Admission: By merit of qualifying examination
No. of Seats: 30

The BA Journalism and Mass Communication programme aims at developing students with the skills needed for careers in reporting, journalism, advertising, news analysis and public relations. By understanding the principles of mass media, you will gain a comprehensive understanding of media practices across different media. The course will also promote knowledge of news media and their role in society.

BBA
Eligibility: 10+2 (Any stream) with at least 55% marks
Duration: 6 semesters
Basis of Admission: Through Entrance Test of Shoolini University
No. of Seats: 90

The BBA degree programme aims at developing professionals in business administration with a focus on specializations 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: 90

The B.Com (Hons) degree in English will provide you with the skills and knowledge that are required for a successful career in the fields of education, communication, publishing, editing, and creative writing. You will acquire the critical leadership, team, and communications skills that today's employers are looking for.

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: By merit of qualifying examination
No. of Seats: 15

The MBA programme at Shoolini University prepares you for a successful management career by building core managerial expertise and personality developed by leading professional managers are offered on key industry sectors such as banking and financial services with a view to increase exposure and employability of management students. Our business school's unique mentorship model is designed to provide practice inputs and support to our MBA students and faculty. A score of national and international corporate leaders have pledged support to Shoolini University for this unique programme.

M.A English Literature
Eligibility: Graduation in any discipline with at least 50% marks & English as one of the subjects
Duration: 4 semesters
Basis of Admission: By merit of qualifying examination
No. of Seats: 30

The M.A English Literature programme is a unique opportunity that 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 fit and 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, yoga and fitness centres. Centres offer a wide range of services including yoga classes, meditation sessions, and personal training. This programme provides a unique opportunity for students to deepen their understanding of yoga and its applications in various contexts.
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.

**PGDBM**

**Eligibility:** Bachelor’s Degree (Any discipline) with at least 50% marks.

**Duration:** 2 semesters

**Basis of Admission:** Through HPCMAT conducted by HP University, AICTE 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 critical roles 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.

**Post Graduate Diploma in 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

**PhD Management Sciences**

**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.

No. of Seats: 8

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 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 admissions committee.

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.
Prospectus 2019-20

Faculty of Legal Sciences

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
- e-Lab
- Language Lab
- Audio-Visual Room
- Mediation Hall
- Tutorial Rooms
- Conference Rooms
- Seminar Halls
- Video conferencing
- Online lectures

Career Paths
- 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 Members

Adjunct Professor
Mr SS Thakur
Former Hon’ble Justice of High Court of Himachal Pradesh
Prof NK Thakur, PhD (Law)

Professor
Dr Narinder Gupta, PhD, LLM, Former Professor of Law, Himachal Pradesh University
Dr Kasari Singh, PhD (Economics)

Associate Professor
Dr Nandan Sharma, PhD, LLM

Assistant Professors
Mr. Chander Mohan Gupta, MBA LLM, M.Com
Ms Anupriya Thakur, LLI, PGDM & LW
Mr Ramesh Kumar Sood, M Phil (Political Science)
Ms Monika Thakur, LLM
Ms. Sia Sharma, LLM
Mrs Monica Thakur, LLM
Dr Ashwani Sharma, PhD (Law); Guest Faculty
Mr Ajay Sipahia, LLI, Guest Faculty
Mr Manav Bansal, LLI, MBA
Dr Poonima Bali, PhD (English)
Dr Supriya Shivastav, PhD (Sociology)
MS Isha Negi, LLI, PhD Pursuing

Academic Programmes
- BA LLB*
- LLB

BA LLB*
Eligibility: Eligibility: 10+2 in any discipline with at least 50% marks
Duration: 10 semesters
Basis of Admission: Through Central/ State Level Entrance Test or any other recognised entrance test

*BA LLB for 6 semesters and 4 semesters
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:** 6 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 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.
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, nanoeumulsions, 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.

Dr. Deepak Kapoor
M Pharma, PhD
Dean
Faculty of Pharmaceutical Sciences

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 fascinated 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 utilization 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 Multination- al Pharmaceutical Industries
The School of Pharmaceutical Sciences has a quadruparte alliance with the Pharmacy and Poisons Board (PPB) of the Government of Kenya, Trupati Medicare Ltd and Kumaun University for joint research. The School has tied up with Bukovian State Medical University, Ukraine for students’ exchange and collaborative research. It has also developed alliances with well established concerns like Venus Remedies Ltd, Zyds Cadila Healthcare Ltd, Fresenius Kabi Oncology Ltd, Akem Labo, Alenmic Ltd, Meridian Ltd, Ozone Ltd, Macleods Pharma, Trupati Medicare Ltd and US Vitamin Ltd for student training and research projects.

The School has research projects from DST, ICMR, DODO and INMAS. In addition, the School has Industrial projects from Meridian Medicare Ltd and Trupati Medicare Ltd.

ACADEMIC & RESEARCH SCHOLARSHIPS
The School of Pharmacy is recognised for the award of AICTE-GPAT scholarships for the M Pharmacy Programme

Drug Production
Quality Control
Quality Assurance
Regulatory Affairs
Community Pharmacy
Drug Modeling / Designing
Retail Pharmacy
Marketing
Pharmacovigilance
Academics: Teaching/Research
Pharmaceutical Industry

FACULTY MEMBERS

ADJUNCT PROFESSORS & VISITING FACULTY
Dr Koushik Das Sarma
PhD; Post Doc from USA; Adjunct Professor
Dr Amarjeet Singh
PhD (Pharmaceutical Chemistry); Adjunct Professor

FACULTY OF PHARMACEUTICAL SCIENCES

ACADEMIC & RESEARCH SCHOLARSHIPS
Prospectus 2019-20

FACULTY OF PHARMACEUTICAL SCIENCES

We focus on imparting quality education with skilled practice, research, and service to provide standard pharmaceutical services to hospital and community pharmacies, drug manufacturing industries, marketing, national/regional health bureaus, teaching and research institutes, 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 registered as pharmacist with Pharmacy Council and with minimum of four years of pharmacy practice in a community or hospital.

Duration: 4 semesters

Basis of Admission: Merit of qualifying examination

No. of Seats: 60

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 diploma holders who wish to upgrade themselves to graduate level and learn about the latest practices in pharmacy. The additional degree qualification obtained by pharmacist 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/HPCET or any other recognised entrance test followed by Personal Interview. Vacant seats, after exhausting the merit list of HPCET, are to be filled on the basis of merit of B Pharmacy (Pharmaceutics) or any other equivalent test followed by Personal Interview. Vacant seats, after exhausting the merit list of HPCET, are to be filled on the basis of merit of B Pharmacy (Pharmaceutics) or any other equivalent test followed by Personal Interview.

No. of Seats: 18

Students are given extensive theoretical and practical knowledge about the various aspects of pre-formulaties, marketing, national/regional health bureaus, teaching and research institutes, 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 registered as pharmacist with Pharmacy Council and with minimum of four years of pharmacy practice in a community or hospital.

Duration: 4 semesters

Basis of Admission: Merit of qualifying examination

No. of Seats: 60

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 diploma holders who wish to upgrade themselves to graduate level and learn about the latest practices in pharmacy. The additional degree qualification obtained by pharmacist 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/HPCET or any other recognised entrance test followed by Personal Interview. Vacant seats, after exhausting the merit list of HPCET, are to be filled on the basis of merit of B Pharmacy (Pharmaceutics) or any other equivalent test followed by Personal Interview. Vacant seats, after exhausting the merit list of HPCET, are to be filled on the basis of merit of B Pharmacy (Pharmaceutics) or any other equivalent test followed by Personal Interview.

No. of Seats: 18

Students are given extensive theoretical and practical knowledge about the various aspects of pre-formula-
tion studies of drugs having different physicochemical properties, development and in-vitro evaluation of different conventional and advanced drug delivery systems like tablets, capsules, gels, ointments, neosomes, liposomes, etc. along with their packaging.

**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/HPCET or any other recognised entrance test followed by Personal Interview. Vacant seats, after exhausting the merit list of HPCET/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 cyclizations, preparation of heterocyclic compounds and their SAR studies.

**PhD Pharmaceutical Sciences**

**Eligibility:** Masters in Pharmacy with at least 55% marks

**Duration:** Minimum 6 semesters

**Basis of Admission:** Admission shall be made through Shoolini University Entrance Test (URF/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:** 06

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 Pharmaceutics, Pharmacology, Pharmaceutical Chemistry and Pharmacognosy.
Dr Saini received his PhD from University of Delhi for his research on understanding pathogenesis of Mycobacterium tuberculosis, which causes the dreadful disease of TB. He was awarded a Post-doc Fellowship at NICHD, National Institutes of Health, Bethesda, USA, to work with Dr Alan G Hinnebusch from 2006-2011. The key focus of his post-doc research was precisely to unravel intricacies of protein synthesis regulation in active collaboration with John Hopkins Medical School, Baltimore, USA.

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 extra-mural research funding from government agencies such as DRDO, 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.

**Faculty of Basic Sciences**

The Faculty of Basic Sciences is dynamic and progressive in its development of new programme initiatives. It is also committed to providing quality instruction to students. The faculty is well placed to contribute substantially to the goal of Shoolini University becoming a research-led organization. The teaching is by way of interactive sessions between students and teachers. Our programmes ensure a coherent degree structure while encouraging interdisciplinary approach.

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 extra-mural research funding from government agencies such as DRDO, 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
- Biotech & Genetics
- Fisheries & Oceanography
- Aquatic & Forest Biology
- Wildlife, Environment Conservation & Ecos Restoration
- Defence Organisations (Technical & Logistics Cadres)
- Plastics, Papers, Textile, Sugar, Pharmaceutical & Telecom Industries
- Academics (Teaching/ Research/ Training)/ Research Scientists (New Discoveries/ Hypotheses)

**FACULTY MEMBERS**

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

Dr IS Dua; PhD, Adjunct Professor
Ms Shalini Sehgal; Adjunct Faculty
Prof PS Kalri; PhD, Professor of Eminence
Dr RC Rana; PhD, Professor of Eminence
Dr AK Sharma; PhD, Professor of Eminence
Dr AN Kaulhal; PhD, Professor of Eminence
Mr ML Sharma; BE, Visiting Professor
Prof SK Sharma; PhD, Visiting Professor
Prof SS Bari; PhD, Visiting Professor
Prof Suman Bala Beri, PhD, High Energy Physics
Dr Harrison B Prosper, PhD, High Energy Physics
Prof Mahabir Singh, PhD; Materials Science
Dr Bhawandeep, PhD; Post Doc Fellow

**PROFESSORS**

Prof PK Khosla; PhD; Post-doc Oxford; Former VC HP 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 Oxford French National Centre for Scientific Research, Zoology
Mr Ramanand Chauban, MSc, Chemistry
Dr Neeraj Gupta; PhD, NET; Post Doc, Organic Chemistry
Dr Pankaj Thakur, PhD, Post Doc; Physical Chemistry
Dr Rajesh Sharma, MPhil, PhD, NET; Energy
PROGRAMMES IN BIOLOGICAL & ENVIRONMENTAL SCIENCES

B Sc (Hons) Botany
Eligibility: 10+2 (PCB) with minimum 50% marks
Duration: 6 semesters

B Sc (Hons) Zoology
Eligibility: 10+2 (PCB) with minimum 50% marks
Duration: 6 semesters

B Sc (Hons) - M Sc (Elite) (Specialization: Physics/Chemistry/Mathematics/Botany/Zoology)
Eligibility: 10+2 (PCM) PCM

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 Botany/ Zoonology 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 Protsahan Yojana (KVPY) Fellows, National Talent Search Examination (NTSE) Scholars, International Olympiad Medalists and Jagadish Bose National Talent Scholarships (JBNSTS) Fellows.

II. Non-Scholarship Seats: Minimum Marks 70%
Duration: 10 semesters

Basis of Admission: By merit of qualifying examination

Elite programme with provision of liberal scholarships under INSPIRE Scheme of Department of Science & Technology, Govt. of India. Shoolini University will provide financial assistance of Rs. 10,000/- per annum for SHE scholarship holders towards hostel expenses.

No. of Seats: 30

M Sc Botany
Eligibility: B Sc with Botany as one of the subject; minimum marks 50%
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.

M Sc Zoology
Eligibility: B Sc with Zoology as one of the subject; minimum marks 50%
Duration: 4 semesters

Basis of Admission: By merit of qualifying examination

No. of Seats: 60

The objective is to build a strong background in faunal biodiversity, ecology, physiology, cell and molecular biology, cytogenetics, biochemistry, histology, immunology, applied zoolo- gy, reproductive biology, morphogenesis and anatomy, microbes and immunology. The programme includes research orientation from the first semester. It is also a foundation for entry into M Phil/PhD programme.

M Sc Environmental Sciences
Eligibility: B Sc with Environmental Sciences/Chemis- try/Botany/Zoology/Microbiology/Geology/Geography/Life Sciences/Fisheries Science/B.E. (Civil Engineering)/Environmental Engineering)/Environmental Engineering/Agriculture/Physics/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/SET qualified candidates are exempted from entrance test

No. of Seats: 08

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/SET 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/SET qualified candidates are exempted from entrance test

No. of Seats: 08
dates are exempted from entrance test
No. of Seats: 08

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: 04

PhD Environmental Sciences
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

PROGRAMMES IN CHEMISTRY

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

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: 10

PhD 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/SET/M Phil qualified candidates are exempted from entrance test.
No. of Seats: 08

PROGRAMMES IN MATERIALS SCIENCE AND 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 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 & magnetic properties, 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

Dr. Priyadarshini, Assistant Professor

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 qualified candidates are exempted from entrance test.

**No. of Seats:** 06

- 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.
An agricultural and natural resource economist by interest and training, Prof. Negi has his PhD from the University of California, Berkeley. He is a well known teacher and researcher and has handled a number of projects in the field of agriculture, natural resource economics and agribusiness management. Before joining Shoolini University, Prof. Negi also served at the Agro-economic Research Centre, Shimla, HPKV, Palampur, and DRYF Parmat University, Naini, Sudan. He has been on different committees as a socio-economic expert at IIHS (UGC centre of excellence) HP University; ICFRE, Dehradun, HFRI, Shimla.

The Faculty of Agriculture aims to instil in our graduates a variety of technical and managerial skills to prepare them to take challenges of the fast changing field of agriculture. The four year graduate degree programme of the Faculty is being run as per the guidelines of the Indian Council of Agricultural Research. Students have the option to choose electives in the second year of the programme. Course modules like Rural Agriculture Work Experience & Agro-industrial Attachment and the experiential learning programme give the students a hands-on experience and confidence to face the real life challenges in their agri-entrepreneurial endeavours.

Growth and development of agriculture is important for overall economic development as the expansion of market for industrial goods and services hinges on agriculture growth. Agriculture would continue to require trained human resource in its various sub-disciplines, especially scientific agriculture. Agri-graduates would thus have a variety of career choices with lucrative compensation packages.

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Basis of Admission: As per HP Government/ICAR guidelines

No. of Seats: 60

Being an agro-based economy, India provides vast opportunities in agriculture research, development and extension. This programme aims to provide graduates 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.

- 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.
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, 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 afresh 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.
  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) Imposition of a fine depending upon the extent of antecedents.
- Residents shall 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 a) Expulsion from the hostel. b) Forfeiture of securities.
- Impostion of a fine depending upon the extent of indiscipline.
- In case of non-payment of dues or violation of any one of the hostel rules by a resident, the DRS may get his/her room locked/vacated.
- Every resident shall be responsible for the safety of the furniture/fixtures in the room. Furniture is not to be removed from one room to another. Damage to hostel property is a serious offence; any resident found guilty of damaging hostel property will be liable to disciplinary action as per hostel rules including expulsion from the hostel / university.
- Use of electrical appliances, other than permitted ones, is strictly prohibited in the hostel.
- Residents should observe strict economy in the use of electricity and water. They are required to switch off the lights, fans and other appliances as and when they leave their rooms, common room and dining hall. They should keep the bathrooms off when not in use.
- Residents are not to tamper with the electrical and sanitary installations. The cost of repair/replacement due to any damage done to them will be realized from the residents.
- 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 allotment is for one year. A student cannot leave the hostel in mid semester.
- During summer break, all students have to vacate the rooms and put their belongings in cloak rooms.
- Hostel fee is subject to revision.
- Students have to keep their rooms neat and clean. Their rooms will be inspected by wardens periodically.
- Possession, distribution and consumption of alcohol, prohibited drugs, chew able tobacco, smoking in the hostel complex is not allowed.
- Students will follow proper channels for getting their problems addressed.
- Parents, friends and visitors are not permitted to stay in residents’ room.
- No resident shall remain absent from the hostel during night without written permission of the warden.
- Application for leave of absence from the hostel shall be made in advance to the Warden. Residents will make sure that their leave applications are sanctioned before they leave the hostel.
- If a student residing in the hostel abstains from the classes without bonafide reasons, he/she shall be asked to quit the hostel.
- Hostel charges are to be deposited for the whole academic year at the time of admissions. Under special circumstances, it may be paid in maximum of two instalments but with the prior permission of the Vice Chancellor. Hostel charges once paid are not refundable. In case a student leaves the hostel with prior permission of the University Authority, they shall have to pay the room rent for the entire academic year.
- Failure to comply with the hostel rules may result in a fine up to Rs 1,000 or expulsion from the hostel or institute or both depending upon the gravity of the violation. In case of expulsion, the student will forfeit all the deposits and shall not be eligible for any claim.
- Disrespect to DRS Suprintends, Chief Warden & hostel wardens will lead to expulsion from the hostel.

Dates for the payment of all fees & other charges
1. First semester (new admissions): at the time of admissions
2. Subsequent semesters:
   a) 2nd /4th /6th /8th sem: 1-15 December each year
   b) 3rd /5th /7th sem: 1-15 May each year
   c) Late fee of Rs 50/- per day will be charged if the fees are not paid by due date (vide Dept of Higher Education, Govt of HP notification No. EDN-A-Kha(9)-15/2018-Fee, dated 7th April, 2018)

Transportation
Transport facilities are available for students and faculty of the university from Solan and surrounding areas such as Nauri, Zero Point (junction of Solan- Oachghat), Kasauli, Parwanoo, Dharampur, Kurnamitti, Ragah and Shimla. Students desiring to avail the bus facility may register with the University’s Accounts Office at City Office, SILL, The Mall, Solan or with the Transport Coordinator, Bahaul Campus. The details of the transportation charges from various places can be obtained from the offices of the Registrar/Admissions/ Transport.No refund shall be permitted under any circumstances, even if the student opts not to avail the facility during the middle of the semester.

Registration
1. All students must register with the University after their admission and again at the beginning of each semester as notified from time to time.
2. Only those students shall be allowed to register who have paid the full semester fee and hostel / transportation charges as applicable for the ensuing semester.
3. Failure to complete registration in time will lead to cancellation of admission. In that case, they have to seek readmission.

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### 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 when notice of withdrawal of admissions is served</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 formally 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, maroon 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 code for formal and ceremonial occasions. Students should procure dress as per 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. Shoolini University has made it mandatory for all students to make easy education loan available to prospective students. Make easy education loan available to prospective students.

### Anti-Ragging Committee

<table>
<thead>
<tr>
<th>Members</th>
<th>Phone Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prof Poonam Nanda, Convener</td>
<td>082194-43632</td>
</tr>
<tr>
<td>Dr Deepak N Kapoor, Co-convener</td>
<td>096461-42349</td>
</tr>
<tr>
<td>Ms Rita, Hostel Superintendent</td>
<td>092183-01018</td>
</tr>
<tr>
<td>Dr (Mrs) Mamta Sharma, Assistant Prof (Botany)</td>
<td>070185-78162</td>
</tr>
<tr>
<td>Col TPS Gill, Director Operations</td>
<td>099885-53703</td>
</tr>
<tr>
<td>Mr Lalt, Hostel Warden</td>
<td>094181-75744</td>
</tr>
<tr>
<td>SDM Solan (Nominee of District Admin.)</td>
<td>0179-2223707</td>
</tr>
<tr>
<td>Dr Neeraj Gandra, Chief Warden</td>
<td>094182-74612</td>
</tr>
</tbody>
</table>

### 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 within its precincts conditions that prevent the perpetration of any act of ragging by seniors, or in the event of such an act being committed, the means for swift and uncompromising punitive action that could be in the form of a fine of Rs 25,000 or expulsion from the institution. In order to make 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

<table>
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</table>

### How to Apply for Admission?

**The First Step** is to satisfy yourself about your eligibility for the course you have chosen to pursue at the Shoolini University.

**Procure the Shoolini University’s Prospectus** by any of the following means:

- **By Hand:** At Shoolini University City Office (The Mall, Solan), counter/University’s Bajhol Campus - FREE.
- **By Post:** A candidate can send a request to 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 Kalka.

**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>Courses &amp; Number of seats</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FEE STRUCTURE PROPOSED FOR ACADEMIC YEAR (2019-20)</strong></td>
</tr>
<tr>
<td>B Tech</td>
</tr>
<tr>
<td>BBA, B Com (Hons), BA (Hons) Economics</td>
</tr>
<tr>
<td>B Pharmacy</td>
</tr>
<tr>
<td>B Pharma (Practice)</td>
</tr>
<tr>
<td>BA (Hons) English</td>
</tr>
<tr>
<td>BA Journalism &amp; Mass Communication</td>
</tr>
<tr>
<td>BA (Hons) Mathematics</td>
</tr>
<tr>
<td>BSc (Hons) Biotech/Microbiology/Botany/Physics/Chemistry/Zoology/Food Technology</td>
</tr>
<tr>
<td>BSc (Hons) Mathematics</td>
</tr>
<tr>
<td>BSc (Hons) Agriculture</td>
</tr>
<tr>
<td>BSc Yoga</td>
</tr>
<tr>
<td>BSc Hospitality &amp; Hotel Administration</td>
</tr>
<tr>
<td>Integrated BSc (Hons) &amp; MSc</td>
</tr>
<tr>
<td>MSc Biotechnology/Microbiology/Food Technology</td>
</tr>
<tr>
<td>MSc Botany/Zoology/Chemistry/Physics/Pharmaceutical Chemistry/Environmental Sciences</td>
</tr>
<tr>
<td>MA/MSc Mathematics/MA English Literature</td>
</tr>
<tr>
<td>MSc Yoga</td>
</tr>
<tr>
<td>BA LLB</td>
</tr>
<tr>
<td>MBA</td>
</tr>
<tr>
<td>MBA (Executive) – 3 yrs Part Time</td>
</tr>
<tr>
<td>PGDM – 1 yr</td>
</tr>
<tr>
<td>PG Diploma in Journalism</td>
</tr>
<tr>
<td>M Pharmacy</td>
</tr>
<tr>
<td>M Tech</td>
</tr>
<tr>
<td>MPhil Biotech/Microbiology/Zoology/Chemistry/Environmental Sciences</td>
</tr>
<tr>
<td>MPhil Botany</td>
</tr>
<tr>
<td>MPhil Microbiology</td>
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<tr>
<td>MPhil Physics</td>
</tr>
<tr>
<td>PhD (CE/ME/CSE/Economics/Management/Maths)</td>
</tr>
<tr>
<td>PhD (Botany/Chemistry/Physics/Zoology/Botany/Microbiology/Food Tech/Pharmaceutical Sciences/Environmental Sciences)/Yoga</td>
</tr>
</tbody>
</table>

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

### 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 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 No. 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 CT course.**
- **08 number of seats, in addition to 41 seats in the PhD CSE course.**
- **06 number of seats, in addition to 41 seats in the PhD Chemical Engineering course.**
- **06 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 Biotechnology course.**
- **02 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.

Subject to orders that may be passed in CWP No. 873 of 2019 pending before the Honorable High court of Himachal Pradesh.
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 after 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 norm 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 norm, malpractice 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 initiating necessary action.

HelpLine No 0177-2673664
Email npperc.hp@nic.in
Telex Fax 0177-2673663

BY ORDER CHAIRMAN
Inspiring learning & living in a
beautiful
exciting
pure
safe
Shoolini environment.
In the middle of pine trees, 1.5 hrs from Chandigarh in the Solan/Shimla hills, and close to modern India.

SOME FACTS

1hour 30 minute drive from Chandigarh International Airport
1hour drive from Shimla, the scenic capital of Himachal Pradesh
30 minute drive from the beautiful hills of Kasauli
20 minute drive from Solan, closest narrow gauge rail station
30 minute drive from Barog
Welcome to Shoolini
Shoolini University of Biotechnology & Management Sciences

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

1.5 hr from Chandigarh in the Solan/Shimla hills

www.shooliniuniversity.com