be inspired
Sylvan campus in the Himalayas
WHY WE EXIST?

Two missions guide us towards our goal.

**TO BE A TOP 200 GLOBAL UNIVERSITY BY 2022**

To be a role model for Private University Education in India
- Build a truly world class research platform
- Aggressively adapt technology to innovate pedagogy
- Attract and retain the best talent
- Be honest, truthful and ‘beyond regulation’ in all our dealings

Have a sustainable impact on society in our area of operations
- Passionately work towards Himalayan sustainability
- Provide ‘world class’ quality education and experience to students
- Help students develop relevant skills and behavior for ‘best-in-class’ careers

INSIDE

01 Marching Ahead
03 From the VC’s Desk
05 From the Chancellor’s Desk
07 Leading University
11 Best in Class Faculty
13 High Impact Research
15 Great Learning Begins Here
17 Our Knowledge Initiative
19 Unique Skill Enhancement
21 Dr APJ Abdul Kalam Skills Development & Research Centre
23 Placements at Shoolini
25 Our Key Recruiters
27 International Exchange
29 Academic & Industrial Linkages
31 eUniv Initiative
33 Our Social Responsibility Initiatives
35 Himalayan Development & Sustainability
37 Centers of Excellence
39 Social Exchange
41 Sports
43 Our Innovative Initiatives
47 Summit Research Program
49 A Partnership in Excellence
51 Vibrant Campus
55 Our System of Education
57 Our Doctoral Programme
59 Shoolini University Strengths
61 University Governance
64 Academic Leadership
69 Shoolini Milestones
74 Faculty of Applied Sciences & Biotechnology
88 Faculty of Management Sciences & Liberal Arts
102 Faculty of Engineering & Technology
116 Faculty of Legal Sciences
122 Faculty of Pharmaceutical Sciences
130 Faculty of Basic Sciences
139 Other Information
Among Top 10 Private Universities in North India*

- ASSOCHAM
- Shiksha Ratan
- All India 2nd Rank in Biotechnology
- BioSpectrum
- Great Place to Study Award
- SkillTree
- All India no. 19 among Private Business Schools
- ASSOCHAM
- Best Upcoming Private Business School in India
- A+++ Rated Business School
- GoEducation
- CCI & GTU
- Excellent University for Research in Biotechnology
- Dainik Bhaskar
- Most Upcoming Engineering College
- ASSOCHAM
- B School Ranked 5th in Research Writing
- DNA
- Innovation in Placements - B School Awards
- School of Pharmaceutical Sciences Ranked 39th in India
- GoEducation
- C Fore
- Among India’s most admired Sci. & Tech. University
- NIRD Rankings GOI, 2017

Ministry of Human Resource Development Govt. of India Rankings 2017 (*HP, Chandigarh, Haryana, Punjab, J&K, Uttarakhand)

Accredited with NAAC B++
“There is always an inspiration behind every success”

Shoolini University drives inspiration from eminent personalities
INSPIRING LEARNING, DEVELOPING MIND AND CHARACTER, BUILDING YOUR FUTURE
Preamble

Shoolini University of Biotechnology & Management Sciences was founded on the ethos of providing excellence in education & research.

The Foundation for Life Sciences and Business Management was established in 2003-04 with the aim of working in areas of higher education and research, and helping set up entrepreneurial ventures in biotechnology and related fields.

Prof PK Khosla, an internationally renowned academician & scientist, conceived the idea of integrating higher education and research during a visit to United Kingdom in 2003. He joined hands with renowned NRI, Mr Ramesh Mehan and Mr Satish Anand, a local entrepreneur with vast experience in local infrastructure development, for this venture.

The executive members of the Foundation are academicians and professionals with distinguished backgrounds. Prof PK Khosla, former Senior Scientific Advisor, Biotechnology, HP Government is at the helm of the management & functioning of the Foundation.

The Shoolini University of Biotechnology and Management Sciences came into existence in September, 2009 under the auspices of the Foundation for Life Sciences and Business Management.

The Foundation is committed to UGC regulations (2003) for Private Universities and will also follow the guidelines of different regulatory bodies (AICTE, PCI, ICMR, ICAR, CSIR, etc). The university has been accredited with B++ grade by National Assessment and Accreditation Council (NAAC).

Partnerships with industry, academia and the Government shall be the special focus of the University. These linkages will help in customizing education to the needs of the industry, leveraging the best available teaching resources, and participating in the quest for a better quality of life for the people in the region.

We believe that the prime objectives of the university will be towards sustainable development of the Himalayan region in general and Himachal Pradesh in particular.

It is intended to document, gratify its bio, physical and social reasons for developing strategic plan for the development of the Himalayan region.
Welcome to a University Synonymous with Excellence

Dear Students and Parents

Today, we are in the league of Top 150 universities in the country. Shoolini University is among the top 10 private universities in North India in the National Rankings released by the Ministry of Human Resource Development, Government of India this year. Shoolini also happens to among the top five youngest private universities to have made it to the list. Our School of Pharmaceutical Sciences figures at 39th position in the list of top pharmacy colleges in India – a notable achievement. This is a great accomplishment for Shoolini University which is only eight years old. Further, Shoolini has also been awarded B++ grade by National Assessment and Accreditation Council.

The journey to excellence has been possible due to our outstanding students and faculty, committed governance and support from the foundation, strong alliances and linkages with industry & academia, imaginative teaching & focused research, & state-of-the-art infrastructure.

We are still far away from achieving our goal of being among top 200 global universities by 2022. But the excellent performance of Shoolini in the national rankings has shown that we are on the right path. Our vision behind Shoolini University of Biotechnology and Management Sciences is to provide students with an opportunity to learn from & interact with top-most experts in their field of expertise. We also endeavor to develop Shoolini University into an internationally recognized centre of research & education. I say with pride that some of India’s and the world’s most renowned academicians, scientists & business managers are already collaborating with us to make this vision a reality.

To achieve these goals, we are proactively building faculty, infrastructure & developing an atmosphere where our students acquire cutting edge skills and domain knowledge. We also seek to give our students the appropriate environment to build on their creative and social aspirations.

In line with the tradition of inviting great scholars and scientists to preside over the university’s annual convocation Nobel Laureate Robert Huber addressed the second convocation on 15th December, 2015. The first convocation was addressed by late Dr. APJ Abdul Kalam, a great scholar, scientist and former President of India. Among other eminent scholars and researchers was Dr. Howarth Bouis, World Food Prize Laureate, who laid the foundation stone of our commercial food testing laboratory, which marks another first in the region.

It is my pleasure to invite you to be a part of Shoolini University and help build an institution all of us are proud to be associated with.

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

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, HPAU, Palampur (HP) and as Senior Scientific Advisor to the Government of Himachal Pradesh and has been responsible for guiding its biotechnology policy.

Prof Prem Kumar Khosla
Founder & Vice Chancellor
I am a sincere believer of the philosophy - that knowledge alone can liberate and elevate mankind. Knowledge is the ultimate power that helps us to shake the shackles of ignorance and be free. I strongly believe that the focus of global development and research in the coming years will be the life sciences. Innovative ways of applying basic, engineering, management and computer sciences to this purpose should therefore be the thrust of higher education today as it will directly influence the preparedness of today’s India for a better tomorrow.

At Shoolini University, we aspire to translate our vision of providing world-class education in biotechnology and management sciences and facilitating research and innovation in these areas.

R. K. Mehan
Chancellor

BE, MSE (Kansas State University), MBA (Dayton University) is the Managing Director of five Ohio based US companies

I invite you to be a stakeholder in this dream— as a student, a faculty member or just as a citizen of a progressive and forward thinking society and turn it into reality.

R K Mehan

FROM THE CHANCELLOR’S DESK
The Leading University

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.
Nationally & internationally renowned academicians and industry leaders recognized globally for their outstanding achievements form the faculty at the university.
Best in Class Faculty

Always at the forefront of teaching and learning of high quality, Shoolini University is setting new benchmarks for higher education in the region. This has been possible by engaging highly qualified & well-informed faculty, fully knowing that excellence of its academic staff shapes an enriched learning experience for the students.

The university has superb teaching facilities, which include modern lecture theatre technology, state-of-the-art laboratories and online teaching tools. The programmes are supported by a range of innovative teaching and learning methods that stimulate students to develop their full potential.

We have adopted a four-tier faculty policy to attract outstanding and experienced teachers. The top tier includes learned and established scholars ‘Professors of Eminence’.

The mid tier includes Post Doc teachers from internationally acknowledged centres of excellence or holding mid-career positions in corporate sectors.

Intermediate tier includes young dynamic and NET qualified PhDs, who have the attributes to excel, while the first tier manned by brilliant teachers who have registered for PhD in pre-determined areas of the specialization.

Pro VC Atul Khosla & CFO Vishal Anand with Sandeep Bakhshi (L), CEO of ICICI Prudential

Shoolini’s Yogananda Library - a blend of modernity, tranquility & green technology
High Impact Research

Shoolini University has adopted a research-driven model making it one of India’s most research-intensive universities. Shoolini’s focus of research is centered on the economics, biodiversity, and sustainability of the Himalayas.

Our researches relate to interdisciplinary challenges that cross-traditional boundaries – from linking biotechnology to biodiversity conservation, sustainability and human health, nanotechnology, low cost food processing technologies, non-conventional energy resources, to addressing the complexity of climate change not only through basic and environmental sciences but also through management sciences. We have 33 state-of-the-art regularly refurbished research laboratories.

Various national research-funding agencies like DST, DBT, ICMR, DRDO, MNRE, DAE etc. have taken cognizance of the university’s research potential and have extended Rs 200 million as research grants. This is also substantiated by a growing list of patents (37 patents filed including three international) and over 650 SCOPUS listed research papers with a citation index of 2650. The university is privileged to have the highest ‘h’ index of 26 as compared to its contemporaries in North India.

In a big boost to the novel research efforts of Shoolini University, the Government of Himachal Pradesh has also sanctioned an Intellectual Property Rights (IPR) cell to the institution. The DST sponsored cell will work in close collaboration with HP Patent Information Center (HPPIC) housed in the State Council for Science, Technology, and Environment, H.P.
Great Learning Begins Here

Infrastructure that is a step ahead of the rest in terms of quality and innovation. With constant improvements, we strive to make your stay with us enjoyable with state of the art infrastructure built aesthetically and thoughtfully to enhance your learning experience.

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The beauty of Shoolini’s natural surroundings of the Himalayas and its built up environment amidst the pines are its key assets. Our 20.1 acre sylvan campus has world-class infrastructure that facilitates excellence in academics and research, and provides a fun filled and friendly atmosphere supported by extracurricular activities. The campus is fully Wi-fi campus and has central as well as departmental IT facilities. A number of research and central instrumentation labs are in place for the benefit of the students. Shoolini has laid special emphasis on providing all information to the students online. Under this initiative, all lectures taught at the university are accessible to the students through our learning management system ‘eUniv’. Even the facilities at Yogananda library can be accessed online.

The university houses an indoor sports complex, which has a modern gymnasium and badminton, table tennis, and boxing facilities, and students’ activity centre with a 200-seated mini cineplex. Outdoor sports facilities include a multipurpose playground, basketball/volleyball and tennis court, obstacle course and cricket practice pitch. In addition, the students also have the facility for a yoga cum meditation centre in the campus.
Our Knowledge Initiative

With the ‘Guru’ Series of Lectures, we bring eminent personalities to Shoolini to speak on topics of broad interest, providing a platform for intellectual discourse.

More than 110 distinguished personalities have so far delivered lectures on various topics of importance and relevance to the society. Some notable among them are:

- Prof Peter Raven
  President Emeritus Missouri Botanical Garden

- Anandmurti Gurumaa
  Spiritual Leader

- Dr RS Paroda
  Former DG ICAR

- Lt Gen Kamal Davar
  Former DG, DIA (Indian Army)

- Yuji Nishikawa
  India Liaison Representative JST

- Major Priya Jhingan
  Indian Army’s first woman officer

- World Food Prize Laureate Howarth Bouis delivering ‘Guru Series Lecture’

- World Food Prize Laureate Howarth Bouis delivering ‘Guru Series Lecture’
Unique Skill Enhancement

We encourage our students to develop key employability attributes through various ‘skill enhancement modules’ and constantly seek ways of adding value to them.

A specially developed program ‘Skills Progression through Rapid Intensive and Innovative Training’ (SPRINT) has been incorporated as an integral component of the curriculum.

The ‘SPRINT’ module is inspired by Stanford’s mini-MBA programme – designed significantly to upgrade soft skills and capabilities of students, and enhance their employability.

Led by top corporate and industry leaders, the module involves exhaustive subject matter sessions combined with technical & soft skills based on highly interactive approach.

The outcome enhances the confidence, attitude and effectiveness of the students. Another skill development initiative, SPRINT- the Persona Enhancement Programme, is designed to develop and hone essential career enhancing competencies such as verbal and written communication, confidence building and a wide range of topics related to soft skills. It is a credit course all across the university and carries the same weightage as other core subjects.

We also encourage our students to engage in extra-curricular activities, which help them to recognize personal attributes and transferable skills they are developing.
The university has taken a lead in delivering skills oriented quality education to meet industry demands for skilled human resource. In this regard, a separate facility ‘Dr APJ Abdul Kalam Skills Development and Research Center’ has been established in memory of late Dr APJ Abdul Kalam, former President of India.

The Centre was inaugurated by Davide Taliente, Managing Partner, Oliver Wyman. It comprises an auditorium and three classrooms for guest lectures and skills development sessions. The building also houses the ‘Steve Jobs Incubation and Innovation Center’ to promote novel ideas with an aim to create positive change in the society.

Literary works of Dr Kalam along with a picture gallery about his life and visit to Shoolini during the first convocation of the university in 2013 are also displayed at the centre.

The facility is used for holding SPRINT skills development programmes, national conferences, training workshops and seminars.

Noble laureate Dr Robert Huber, noted German scientist Dr Kurt Geckeler; Dr. KS Bawa, FRS; National Green Tribunal’s Chairman Justice Swatanter Kumar, Former Panjab University Vice Chancellor Dr RC Sobti; National Dairy Research Institute’s Director Dr AK Shrivastava are some of the prominent names who have delivered lectures at the Centre.
Placements at Shoolini

Shoolini University has a dedicated and student-driven proactive placement cell, which looks after all activities related to career development, training and placement of students.

We actively work towards imparting industry relevant management education to our students to create an immediate employable pool of executives and managers. To achieve this, we have created a unique skills development programme (SPRINT) that is modelled around Stanford University’s mini-MBA, for this objective. Shoolini’s final placements have been consistently best in the region across disciplines including MBA, engineering, pharmacy & biotechnology.

Our Placement Cell, in coordination with different faculties and schools, conducts campus placements through a gala event ‘Placement Week’, which is the first of its kind in Himachal Pradesh and is also in conformity with the IIMs and other top B schools in the country. During the placement week, a large number of MNCs and leading companies visit our campus for on-spot placements.

In 2017, 100% of MBA students, over 90% engineering and 85% of science and pharma students were employed within one year of graduation. Over the years, Shoolini students have been placed with leading companies such as Genpact, LG Electronics, Yes Bank, ITC, Pepsi, Marsh and McLennan, Volvo, Gabriel, Havells, Agilent Technologies, Alchemist, DAMCO, Abbott, Oberoi, Groz Beckert, HDFC, Daimler, GKN Driveline, Hewlett Packard, ICICI and others.
Our Key Recruiters

Over the years, Shoolini students have been placed with leading companies.
International Exchange

International collaboration for exchange of students & faculty, and joint research is essential to outstanding academic programmes and high-quality research.

Over 50 students have gone for studies and research in various reputed universities/ institutions in South Korea, Japan, Taiwan, China & USA. vice versa 11 South Korean & Taiwanese students have completed one semester at Shoolini. Bioengineering student Prashant Kandwal has been awarded MEXT Scholarship worth Rs 50 lakh for pursuing doctorate programme at the University of Tokyo, which is ranked 14th in the world. Yatin Kumar, a student of Shoolini was selected for a three week ‘Sakura Science programme’ at University of Osaka by the Japan Science & Technology Agency.

Current foreign visiting/adjunct faculty includes Prof Steven L Stephenson, University of Arkansas, USA; Dr Harrison Prosper, Florida State University; Dr Hyoung-In Lee, Seoul National University, South Korea; Prof On Charm Lee, South Korea; Prof Ashley Braganza, Brunel Business School, London; Ms Andrea Wright, Brown University, USA. We also have a collaborative research project on ‘Antioxidants properties of functional foods based on yeast model’ with Otago University, New Zealand.
In today’s highly competitive world, Shoolini University recognizes the importance of international, industrial and corporate sector exposure. For transfer of knowledge, student and faculty exchange, joint researches, conferences and training programmes, the University has developed meaningful alliances with the following organizations:

- Fermi Lab, USA
- University of Arkansas, USA
- University of La Verne, USA
- Magna Carta College, UK
- University of Ulster, Northern Ireland, UK
- British Columbia Institute of Technology, Canada
- Sprott Shaw College, Canada
- Sierra BioLife, Australia
- Gachon University, South Korea
- Gwangju Institute of Science & Technology, South Korea
- Inha University, South Korea
- Kyung Hee University, South Korea
- Seoul National University, South Korea
- The University of Suxion, South Korea
- Hainan University, China
- Hainan Tropical Ocean University, China
- Lanzhou University, China
- Sichuan University, China
- Yunnan Agriculture University, China
- Chung Yuan Christian University, Taiwan
- National Taiwan University, Taiwan
- Bukovinian State Medical University, Ukraine
- Samara State Aerospace University, Russia
- JIB-ITECH, Argentina
- Eshraq University, Afghanistan
- Kabul University, Afghanistan
- Ethiopian Environment & Forest Research Institute
- Best Team Nigeria Ltd.
- University Alliance of Belt and Road (MOU with 123 International Universities)
- Partnership with GENWICT, the industry & thought leader
- Anand Automotive group
- Transgenic Life Sciences & National Bureau of Fish Genetic Resources for molecular research
- Nutahelix, Alenmic, Al kem, Dabur, Venus Remedies Ltd.
- Zy dus Cadilla and US Vitamins
- Membership of Confederation of India Industry and Association of Commonwealth Universities.
- Membership of PhD Chamber of Commerce & Industry.
- Tie up with DAMCO for software testing
- Tie up with Tirupati Medicare Limited
- Alliance with Sant Longowal Institute of Engineering & Technology, Punjab
- Collaboration with Upkar Pharmaceuticals
- Tie up with TCS for conducting online examination
- Quadripartite MoU between Pharmacy & Poisons Board of the Government of Kenya, Tirupati Medicare Limited, Kumaun University & Shoolini University.
- Alliance with Next Gen Technologies Inc, NY
- Tie-up with Dron Defence Sez (Private)
- Reliance Jio
eUniv Initiative

In today’s world of web dominated networks, online education can have a profound impact – better education and broadly disseminating knowledge to students worldwide.

We are leveraging technology in a big way to connect and bring knowledge resources available across the world to facilitate learning and research at Shoolini. Today’s digital savvy students expect their learning environment to include technology because it is an intrinsic part of their lives. Through our online eUniv initiative, we supplement classroom learning by providing students free access to all teaching material (including PPTs, video lectures) on 24x7 basis so that they can clarify their doubts at any point of time.

Gradually moving towards 100 percent digitized teaching, we will be providing online supplements to every course that is being offered in the campus.
Our Social Responsibility Initiatives

Social responsibility is as much a part of Shoolini University’s philosophy & culture as excellence. Various activities are undertaken on a regular basis e.g. blood donation camps, tree plantation and cleanliness drives, women empowerment, practical training to local villagers in food processing, cancer awareness camps, providing guidance to farmers on new technologies, adoption of a village with targeted social programs, improving economic conditions of the poor & a Government Primary School with students mostly from weaker section of the society.

We take great pride in spurring scientific creativity and innovation in school children, being pro-active in extending the Department of Science and Development INSPIRE program, for which Shoolini has been nominated the nodal institution.

Till date, we have enthused over 7000 budding scientists from various schools of Himachal Pradesh.

For these students, we have introduced a unique five-year integrated B Sc (Hons) and M Sc course which is a fully free education programme, (including free lodging and boarding) and supported thorough INSPIRE scholarships & from the varsity’s own coffers.

We have also instituted significant number scholarships for removing the barriers to higher education for low income group students/ single parent child (mother surviving) / single girl child.
Himalayan Development & Sustainability  
- where Excellence strives

Shoolini University is addressing the challenges of development & sustainability of the Himalayan region, a fragile eco-system witnessing industrialization-exploitation & undergoing tremendous strain; cloud bursts in Ladakh, and Uttarakhand & the recent devastation due to the earthquake in Nepal stand testimony.

The Centre of Research on Himalayan Development and Sustainability (CRHDS) was inaugurated by Nobel Laureate Robert Huber to encourage and coordinate university-wide and external collaborative research focusing on the following five thrust areas:

- Biodiversity conservation
- Sustainable utilization of resources
- Health and well being
- Socio-economic development
- Disaster mitigation

The CRHDS hosted the first international dialogue on Himalayan Ecology, which saw the participation of leading environment activists and experts, policy makers and members of the judiciary.

The CRHDS has also undertaken three years study on the restoration of productivity of fire affected forests using microbes. The Ministry of Environment, Forest and Climate Change, GOI has provided Rs 42 lakh as research grant for this project. Awareness workshops were also conducted in the nearby villages on ‘Understanding the breast and oral cancer awareness’ and ‘Losses during forest fire’.
Centers of Excellence

Centres of Excellence at Shoolini University connect industry and academia to advance education, research and outreach in key areas.

Our centres of excellence provide a stimulating and supportive environment that nurtures the highest quality of research. Each centre acts as a hub for researchers, from students to professors, ensuring a dynamic, sustainable research base and active knowledge sharing.

Centre for Excellence in Automotive Education and Research
Centre for Excellence in Automotive Engineering has been established by joining hands with Anand Automotives, leaders in automotive engineering. It is the first such centre in the region providing academic excellence in automotive engineering at graduation, post-graduation and doctoral levels, along with imparting training to upgrade skills required for the automotive industry.

Centre of Excellence for Nanotechnology
Centre of Excellence in Nanotechnology provides common facilities for undertaking multidisciplinary research in nano-science and nanotechnology. The main objectives of the centre include joint research with national and international institutions, technology transfer and commercialization of research outcomes.

Center for OMICS and Biodiversity Research
The Centre for OMICS at the Faculty of Applied Sciences and Biotechnology, aims to explore Himalayan biodiversity through OMICS approach including genome, transcriptomics and proteomics for bioprospecting of industrially imparted biomolecules and societal development and conservation.

Center for Excellence in Renewable Energy
The main aim of the center is to stimulate research in the non-conventional yet clean forms of energy like solar, hydel, geothermal, tidal etc.

Yogananda Center for Yogic Studies
The center aims to promote research and study of the ancient Indian Knowledge of Yoga and meditation.

Noble Laureate Robert Huber interacting with the Director of CRHDS
The University Campus is full of life with organized events and parties taking place throughout the year. The campus provides opportunities to get involved in inter-faculty cultural programmes, annual fest ‘Moksh’, photography and painting contests, farewell and fresher’s parties, and educational trips. It is home to multiple student clubs and societies, which connect students with a stronger sense of community, while providing opportunities for interpersonal and leadership development:

- Art & Photographic Club
- Bawale Bawarchi
- Blood Bank Society
- Dramatics Club
- Entrepreneurship Society
- Institute of Engineers Chapter
- Raagrag
- National Service Scheme (NSS)
- Satrangi Strokes
- Shoolini Mountaineering Society
- Speakers’ Forum
- Saksham

Leisirely discussions at the campus
Sports

The university encourages sportsmanship within students and its campus is equipped with world-class sporting infrastructure to cater to the students’ needs.

Sports are an integral part of students’ overall development and all possible opportunities and facilities are available in the campus. We offer fantastic indoor facilities from badminton to state-of-the-art gymnasium, and outdoor facilities from basketball, volleyball, tennis to an obstacle course. The latter has been designed on the model as prevalent in the army with 13 obstacles ranging from rope climbing to Burma Bridge and Tarzan swing to various kinds of jumps.

The Student Activity Center (SAC) also caters to the need of physical well-being of the students. It has an aerobics and fitness centre where students can engage in physical workout. The students enrolled in the university participate in regular physical training sessions to achieve mental and physical fitness which is a prerequisite in today’s highly competitive world. Students are encouraged to participate in inter-university sporting events.

Basketball practice underway at the centrally located courts with the Knowledge Centre forming the backdrop.
Our Innovative Initiatives

We have always valued excellence in teaching, allied to a strong research base, innovative cooperation with industry and skills development programmes.

Defence Research & Development Centre (DRDC)
Shoolini University is proud to be one of the few engineering institutions that has been selected as a Defence Research and Development Cell (DRDC) at the 'Defence Research Forum – 2014' for invoking the engineering might of India for global leadership in the area of defence research. The goal of the DRDC is to give a major boost to defence research across the country by educating and engaging a sizable section of engineering faculty and students about the needs of the specialized requirements of the defence sector. It would also take up defence research as a dominant focus of its academic research.

Foreign Languages, Fine Arts & Social Sciences Ad-on Programmes
To give an edge in employment to our students, the University has introduced the teaching of credit-based Foreign Language programme. Initially we have started with French and we have plans to include German in near future.

INSPIRE Science Camps
Under Innovation in Science Pursuits for Inspired Research (INSPIRE) programme of Government of India (GOI), we are organizing regular training camps in science for toppers in Class XII in Himachal Pradesh and more than 7,000 students have participated in 27 camps. The basic objective is to attract talent to the study of science at an early age.

Digitized Library
The State-of-the-Art Yogananda Library, inaugurated by Dr APJ Abdul Kalam, is a blend of modernity, tranquility & green technology. It is digitized for searching the books and journals through computer linked to the university’s network, and is synched with the library of SILB, a sister organisation in Solan town. All library facilities can now be accessed from anywhere through any computer with internet access. You just need one ‘universal e-card’ for entrance to the library, and checking out, issuing and returning of books and bookhold alerts. You may get books re-issued by using the same as long as these are not reserved by anyone. Besides, the e-card would also serve as your personal ID.
ever changing workplace. To gain a wider view of the world, we offer our students a wide range of open electives that are outside their chosen programme. Currently, we are offering 35 open electives (list available at www.shooliniuniversity.com).

The medium of teaching at Shoolini University is English, and the students are required to have minimum proficiency in English language for them to be more intuitive and effective in class. Keeping in view the poor standard of English of students, especially with rural/semi urban background, Shoolini University has initiated a range of English language programmes that will build upon their current skills and help them to meet their personal and professional goals. The English language programmes offer an inspiring learning environment for the students to explore and take part in activities that complement the development of their English skills.

Academic English courses provide intensive language teaching from beginner to advanced levels along with the development of academic skills for grasping the subject matter at the undergraduate or graduate level courses.

General English
General English is a flexible, intensive language programme for beginner through advanced levels that is augmented with a wide range of optional modules, as well as social and cultural activities. This programme is designed for students who want to improve their ability to use English in everyday life or for professional purposes.

Language Lab
The lab is equipped with different audio-visual facilities to foster language learning in a fun, creative environment. The highlights of the lab include an exciting language software called ‘Duolingo,’ which is a language learning application that can be downloaded on mobile phones too and six desktops and three tablets. This makes the software accessible at any place at any given time, making language learning a constant process. The software provides users access to about 30 languages, which include online classroom discussions, tests, worksheets and assignments.

Special NET/GATE & GPAT Coaching Classes
As a part of career development programme for our students, we have introduced special coaching classes for the aspirants of National Eligibility Test (NET) determining their eligibility for lectureship & for award of Junior Research Fellowship (JRF).

Coaching classes are also conducted for aspirants of Graduate Aptitude Test in Engineering (GATE) for admission in Postgraduate Programmes in Engineering & GPAT for admission in Post Graduate Programmes in Pharmacy at the national level. The coaching fee is modest and subsidized.

Free Education for Board Toppers in Science Stream
For the 1% toppers in Class XII School Board examination in science stream, Shoolini has introduced a unique B Sc (Hons) course which is a free education programme supported through INSPIRE scholarships and the University’s coffers.

Open Elective Courses
It is crucial to provide students a broad-based education that prepares them for successful careers in today’s
Summit Research Program™
A reimagined B Tech Biotechnology degree program.

A unique research oriented degree program that prepares students for global opportunities at leading academic institutions and corporate R&D teams.

Fully integrated with regular Engineering curriculum, the Summit Research program provides hands-on exposure to high quality research, experience with writing technical papers, personal mentorship and interactions with internationally acclaimed research practitioners and experts.

- Work with faculty and PhD students on live cutting-edge research
- Option to study and conduct lab work in premier universities abroad
- Get individually mentored by academicians and practitioners
- Need-Blind Admission policy
A Partnership in Excellence

Shoolini University becomes the academia partner of the Visionary Learning Community of India (VLCI), a joint programme with Japan International Cooperation Agency and Confederation of Indian Industries.

Launched by world renowned Quality Management expert, Padma Shri Prof Shoji Shiba, the programme aims to create great visionaries and leaders to upgrade standard of Indian manufacturing sector and guide it towards future growth. Over 30 managers from eight industries and four faculty of Shoolini have enrolled for VLCI.

During the one-year programme, inputs will be given at the Parwanoo industry & on completion, the faculty of Shoolini university participating in the programme will design training material for the university. In addition, they will start a similar program at the university level for the students for making them industry aligned and increasing employability.
Meaningful Interactions and a Vibrant Campus

At Shoolini, we strive to make your stay with us enjoyable with state of the art infrastructure built aesthetically and thoughtfully to enhance your learning experience.

Easy Accessibility
Solan is well-connected with New Delhi and other important cities of the country through the scenically interesting and fast running National Highway 22. It can be reached from Delhi (about 310 km) by train/road via Chandigarh/ Kalka. Chandigarh and Shimla are the nearest airports. Summers are pleasant here (the temperature rarely rises above 30°C), with pleasant and sunny winters with occasional snowfall. The place receives an average annual rainfall of 1,200 mm & it lies at an altitude of about 1,500 m.

The campus lies at Bajhol, which is 15 km from Solan, 54 km from Chandigarh and 18 km from Dharampur. The buildings here sample hill architecture of the state of Himachal Pradesh.

Educational Hub State-of-the-art Technology
Solan district is the educational hub of the state and hosts the University of Horticulture and Forestry, Jaypee University of Information and Technology and seven other state private universities, National Research Centre for Mushroom, Zoological Survey of India, Central Research Institute, Kasauli; Dental, Engineering & Homeopathy colleges as well as reputed heritage public schools including the Lawrence School, Sanawar.

The University has a Wi-Fi campus along with 60 mbps leased-line, radio-based 24*7 internet connectivity. The computer labs offer thin client technology with IBM servers that support both Linux & Windows based environment. There are central as well as departmental IT facilities with over 120 nodes. The IT centre encompasses one central lab with 100 computers (thin clients) for general surfing; two labs for Faculty with 30 computers each; two labs each with 60 computers and two labs each with 30 computers each for Engineering and Pharmaceutical Sciences.

The University has a Campus agreement with Microsoft and whole university is working on Office 365. Similarly the university has also signed an MOU with Reliance Jio. The Computer Science Department is also working on industrial tie-up with DAMCO for software testing and TCS for online examination like GATE, JEE etc.
Go Green

Shoolini University is a green campus, aptly signified by a Terraced Herbal Garden. This garden has a huge variety of Himalayan herbs. There is also a vermi-composting facility along with a set up for water harvesting. The student-run Green Brigade of the university is actively involved in making Shoolini a symbol of green institution.

Other Facilities

- AV enabled lecture theatres/conference rooms/tutorial rooms
- Five auditoriums with capacity ranging from 100 to 300
- 400 seated open-air theatre
- A 1000 capacity multipurpose indoor sports hall
- Basketball, Tennis and badminton courts
- Modern 55 modular mess with indoor & terrace sitting
- Five café & canteens
- A mini market to cater to essential needs of the students
- A PNB ATM is located in the campus

Hostels

Separate hostels are available for Boys and Girls; Five Girls’ hostels with a capacity of 1000 are located in the university campus; Four Boys’ hostels in the campus provide residence for 800 students.
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. In MBA degree programme it is quadmester.

Examination

- Undergraduate programme: The system of examination is partly internal and partly external. Besides, each student has to appear/submit assignment, presentation, quiz, surprise test etc.
- Postgraduate Programme: Examination system is internal. It comprises of quiz, surprise test, 1st term, 2nd term and end term examinations.

Evaluation

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

   - a) Undergraduate Examinations: 4.5 grade points in each subject and 5.0 in OGPA.
   - b) Postgraduate Examinations: 5.5 grade points in each subject and 6.0 in OGPA.

4. Based on the performance of a student, each student 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.
5. 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 and 4th semester, shall not be allowed to register for 7th semester till he/she clears all the previous courses.

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:

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

Attendance

- As per UGC guidelines no student will be allowed to appear in theory and practical end-term semester examination if he/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

- a) No makeup examination will be scheduled for examination of 1st Term, 2nd Term, Quizzes, etc.
- b) The student who fails in a subject has to clear the subject as follows:
  - 1. Backlog courses for even semester will be offered in even semester and for odd semester courses in odd semester only.
  - 2. For reappear, full syllabus has to be covered and no internals will be added.
  - 3. Students will get two attempts to clear the courses in which he/she gets reappear.
  - 4. Students can apply for maximum of five courses of reappear at a time.
  - 5. Fee for reappear examination will be charged.
Our Doctoral Programme

To achieve excellence in various spheres of biotechnology, engineering, and basic, 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/ Environment Science/ Physics /Chemistry/ Botany/ Zoology/ Economics/ Food Technology/ ECE/ Mechanical Engineering.

Eligibility
Master’s degree in the concerned subject/ related discipline with at least 60% 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
Besides the fellowship amount, a JRF qualified candidate shall be provided with 50% tuition fee waiver. NET qualified candidates may also be considered for limited merit base financial assistance.

Our doctoral programme provides opportunities to work on externally funded projects.
Shoolini’s Excellence Emanates from its Five Pillars of Strength

Come to us to witness amalgamation of brilliance, innovation and sheer exuberance working towards providing best campus environment.

Sound Governance and Cultural Heritage
• Governing Body is comprised of distinguished academicians, entrepreneurs, professional executives and consultants.
• Prof PK Khosla, Vice Chancellor (former Vice Chancellor, HPAU, Palampur) is the Chief Executive of the university’s governance.
• Meditation and yogic sciences constitute an integral part of the curricula.

Distinguished Faculty
The Faculty of the University constitutes:
• A large number of distinguished academic leaders.
• Two dozen foreign qualified teachers with Post-doc research from abroad.
• Forty per cent of teachers are PhDs.
• Plans to have 100% PhD qualified faculty in next five years.

Quality Infrastructure
• Wi-Fi Campus with over 475 computers.
• Library with over 35,500 books (hard copies) + 1.5 lakh e-books + 67 paperback journals + 9,000 e-journals, 108 journals, Wi-Fi Lab and Language Lab
• 86+ Science Labs equipped with requisite equipment and instruments for teaching and research; two Central Instrumentation Labs for expensive equipment.
• e-Labs, Language & Communication Labs are special features.
• 1800 student residential campus with multiple cafeterias and sports facilities.

Brilliant Students
• Shoolini University intends to admit bright and brilliant students by providing quality education at an affordable cost.
• Provision of scholarships to meritorious students and also on merit-cum-means basis.
• Institution of Earn-while-you-Learn Scheme.

Academic Alliances and Linkages
MOUs have been signed with several international universities/institutions & a host of corporate leaders & industries.
Foundation for Life Sciences & Business Management

The majority of the executive members of the Foundation are reputed professionals, academicians, scientists, business executives and entrepreneurs. Prof PK Khosla, Vice Chancellor is the key person to manage and execute the functioning of the Foundation. Mr Atul Khosla, Pro Vice Chancellor is the executive trustee.

President
Ms Saroj Khosla, MA B Ed; ICE (Oxford); Retired Principal DIET, Solan

Vice President
Mr Ashok Anand, B Com Businessman

Secretary
Prof PK Khosla, PhD; Vice Chancellor, Shoolini University; Former Vice Chancellor, HPAU, Palampur and Sr Scientific Advisor Biotechnology to HP Government

Treasurer
Mr Vishal Anand, Founder Trustee & Chief Finance Officer

Members
Mr Ramesh K Mehan, BE; MSIE (Kansas State Univ) MBA (Dayton Univ)
Mr Satish Anand, B Com Businessman
Mr Ashish Khosla, BE, PEC, Chandigarh; PGDM, IIM Calcutta
Mr Atul Khosla, B Tech & IIT Kanpur; MBA Jamnalal Bajaj; Currently, Senior Partner & Country Head Oliver Wyman (third largest management consultancy firm); Previous Senior Management positions: - connect Switzerland, McKinsey & Company, Everest Group USA
Mr Gagan Anand, MBA, Coventry University, UK; Business Manager, Anand Enterprises

Deans of the University
• Prof Khosla Atul Dean, Faculty of Management Sciences & Liberal Arts and Faculty of Engineering & Technology
• Prof Mahindroo Neeraj Dean, Faculty of Pharmaceutical Sciences
• Prof Pathania Deepak Dean, Faculty of Basic Sciences

University Officers
• Dr PK Mehan, Chancellor
• Prof PK Khosla Vice Chancellor
• Mr Atul Khosla, Pro Vice Chancellor & Executive Trustee
• Mrs Saroj Khosla, Director Estate & Maintenance (President FLSBM)
• Mr Vishal Anand, Founder Trustee & Chief Finance Officer
• Prof Sunil Puri, Registrar & Dean Academic Affairs
• Mr PN Chauhan, Compptitor of Examinations
• Dr JM Julla, Director Public Relations
• Dr ML Vaidya, Director Health & Student Welfare
• Dr CP (Retd) IPS Gill, Director Operations
• Mr. Praveen Vasisht, Director Knowledge Centre
• Mr. Gajeyth Florence, HR Head
• Mrs. Aarti Chanta, Librarian

University Officers
• Prof Sourirajan Anuradha Dean, Faculty of Biotechnology & Bioengineering
• Mrs. Nanda Poonam, Dean Students’ Welfare
• Mr. Vasisht Praveen, Director Knowledge Centre & Dean Undergraduate Studies

Visionary Mentors
The founders, mentors and advisors of Shoolini University are visionaries who have distinguished themselves as academicians, researchers and business leaders.

Dr RC Mahajan
Renowned Parasitologist; Chairman, National Committee for International Union of Microbiological Societies (IUMS); INSA SN Bose Research Professor & Emeritus Professor; Emeritus Medical Scientist & Adviser ECD, ICMR, Dept of Parasitology, PGIMER Chandigarh; Past Vice-President, INSA (2000-2001)

Dr Deepak Pental
Former Vice Chancellor, Babasaheb Bhimrao Ambedkar University, Lucknow; General President of 101st Session of Indian Science Congress; Former Vice Chancellor, Panjab University, Chandigarh; Distinguished biotechnologist.

Dr William Bentley
Principal, Salmon Brook Associates, North Granby CT, UK; Associate, Connecticut Forest & Park Association; Former Professor & Chairman, Faculty of Forest & Natural Resource Management, UK; Chair & Facilitator, Blue Ribbon Panel on America’s Research Policy.

Dr K S Rawa
Distinguished Professor & Former Chairman, Biology Dept, University of Massachusetts, USA; Trustee Ashoka Trust for Research in Ecology and Environment; Member, US National Committee of the International Union of Biological Sciences.

Padma Bhusan SP Osval
Chairman, Vardhman Group, the largest Indian textile conglomerate; Chairman, National Textile Committee of the CI; Philanthropist involved in uplift of down trodden; Actively involved in transfer of technology for high productivity.

Padma Shri RC Sobti
Vice Chancellor, Babasaheb Bhimrao Ambedkar University, Lucknow; General President of 101st Session of Indian Science Congress; Former Vice Chancellor, Panjab University, Chandigarh; Distinguished biotechnologist.

Justice (Retd) NK Sodhi
Former Chief Justice of Karnataka High Court; Former Chairman of SAT (Special Appellate Tribunal), Government of India; Former Judge, Punjab & Haryana High Court.
Academic Leadership

Prof Chandra Subhash
PhD, University of Cincinnati, BE; Professor of Eminence, Mechanical Engineering
Internationally renowned expert on clean technologies; Programme manager in Westinghouse Nuclear Company, USA; Ex-Director, Clean Energy Institute, USA; Held various teaching positions at the prestigious Harvard University, USA; Chief Technology Officer, Connecticut Clean Energy Fund, USA.

Dr Dev Kamal
PhD; Professor, Biotechnology
Internationally renowned expert on clean technologies; Programme manager in Westinghouse Nuclear Company, USA; Ex-Director, Clean Energy Institute, USA; Held various teaching positions at the prestigious Hartford University, USA; Chief Technology Officer, Connecticut Clean Energy Fund, USA.

Dr Dwevidi RP
PhD; Professor, Electronics & Communication Engg
An expert in material science that includes fabrication and analysis of transparent conducting oxides films for flat panel displays; Research interest includes micro/nanophotonic devices for integrated photonics; Post-doc Fellowship, Inha University.

Er Goel PL
M Sc Civil Engineering; Professor, Civil Engineering
Eminent engineer with vast experience in the execution of major civil works of hydel and thermal power stations, road cum rail track, residential complexes, etc; Former Chief Engineer/Advisor, Punjab State Electricity Board; Associated with major construction companies like BHEL, UNITECH, NTPC, GDC, etc; Ex-HOD, Baddi University of Sciences and Technology; Member, Indian Geo-Tech Society, ISET & MIE.

Dr Goel Yashvir Singh
PhD, IIT Delhi; Former Head Training, IIT Delhi; Professor of Eminence, Mechanical Engineering
Senior Professional with vast experience in steel, automobile, water systems & power sector; Former Head Training, IIT Delhi; Noted advisor for industrial / education sector.

Prof Julka JM
PhD; Professor of Eminence, Biosciences
Noted animal ecologist, taxonomist and veterinarian; Visiting Fellow Smithsonian Institution, USA; UGC; Visiting Fellow, School of Life Sciences, Sambalpur University, Orissa; Specialist Member HP Biodiversity Board; Visiting Professor, M.G. University, Kottayam, Kerala; Ex-Member, SELAA, HP; Former Joint Director & Emeritus Scientist, ZSI.

Prof Khosla Atul
B Tech (IIT Kanpur), MBA (Jamna Lal Bajaj, Mumbai); Professor, Management Sciences & Pro Vice Chancellor & Executive Trustee
Distinguished Senior Executive with outstanding career in corporate sector; Senior Partner & Managing Director, Oliver Wyman (the leading international consulting firm); Senior Management Positions at McKinsey & Company, aconnect Switzerland, Everest Group USA, Towers Watson.

Dr Gaurav Singh
PhD; Professor of Eminence, Mechanical Engineering
Senior Professional with vast experience in steel, automobile, water systems & power sector; Former Head Training, IIT Delhi; Noted advisor for industrial / education sector.

Prof Khosla Atul
B Tech (IIT Kanpur), MBA (Jamna Lal Bajaj, Mumbai); Professor, Management Sciences & Pro Vice Chancellor & Executive Trustee
Distinguished Senior Executive with outstanding career in corporate sector; Senior Partner & Managing Director, Oliver Wyman (the leading international consulting firm); Senior Management Positions at McKinsey & Company, aconnect Switzerland, Everest Group USA, Towers Watson.
Er Mahajan CP
ME, Water Resource Development (Elect), IIT Roorkee; Professor of Eminence, Electrical Engineering
Distinguished engineer with vast experience in hydro power development and rural electrification in HP; Former Chief Engineer, HPSEB; Ex Professor & Head, Electrical & Electronics Engineering, IIT, University of Pondicherry, Fellow & Chairman, HP Chapter Indian Water Resources Society, IIT, Roorkee.

Prof Negi YS
PhD; Professor, Faculty of Management Sciences & Liberal Arts
An alumnus of University of California, Prof. Negi specializes in Natural Resource Economics in the country. He has over 80 research papers to his credit and is associated with more than 25 research projects. Dr Negi has been an expert panel of ASRB, New Delhi & a member of Green Accounting team for Forest Sector Reforms.

Prof Mahindroo Neeraj
PhD; Professor & Dean, Pharmaceutical Sciences
Noted pharmacist with research interest in new drug discovery, design and synthesis of small drug like molecules; Former Research Fellow, International Centre for Science & High Technology, Trieste, Italy; Postdoc research at Dept of Chemical Biology & Therapeutics, St. Jude Children’s Research Hospital, Memphis, USA; Division of Biotechnology & Pharmaceutical Research, NHI, Taipei, Taiwan.

Er Nanda Arvind
B Sc (Production Engg), FTGMP; Director General
An experienced engineer with vast industrial expertise in various fields; Promoter & Chief Executive, Growth Enables Consulting; Senior Management positions at Anand Automotives, Taneja Aerospace, Indian Seamless, Swaraj, Jessep & Co.

Prof Puri Sunil
PhD; Professor & Dean Academic Affairs
Distinguished plant physiologist & agroforester; Visited Oxford Forestry Institute, U.K; Former Professor of Forestry HAU, Hisar & Indira Gandhi Agricultural University, Raipur; Awarded United States of America International Diploma of Honour for research in forestry.

Prof Sharma DR
PhD; Professor of Eminence, Biotech.
Eminent plant biotechnologist with vast experience in micropropagation and development of disease resistant plants; UNESCO & FAD Fellow in USA & Morocco respectively; Member Indo-US Management Team & Research Advisory Committee to ICAR Institutes; Overseas Associate, DBT, GOI; Former Head, Dept of Biotechnology & Director (Res), UHS, Solan.

Mr. Sharma Rajendra
Advisor, Faculty of Legal Sciences
Mr. Sharma is a former Group General Counsel at Flipkart, the leading e Commerce Company in India, with over 33 years experience with companies like Punjab Tractors, Tata Steel, Reliance Industries, Escorts, Bharti, Coca-Cola, Dufport, JSW and Samsung. He has also featured in the list of Top 100 Legal Luminaries of India.

Er Soni JP
B Tech (Hons), Civil Engg, IIT Kharagpur; PhD; Professor of Eminence, Engineering
Distinguished engineer with vast teaching and research experience; Fellow Institute of Engineers; Co-author of a test experience; Fellow Institute of Engineers; Co-author of a textbook on Water Resources Engineering; on Water Resources Engineering; Associated with designing of Bhakra Dam; Former Professor and Head, Civil Engineering Department, Punjab Agricultural University; Honoured with Faculty Level Best teacher Award by ICAR.
BUILDING FOUNDATION FOR A STRONG FUTURE
Shoolini Milestones 2004 to 2013

**FIRST STEP**
Setting up of Foundation for Life Sciences and Business Management

**FOUNDATION STONE**
Laying of Foundation Stone of Shoolini Education Village Complex, Bajhol-Solan, HP

**UNIVERSITY STATUS**
Private sector; set up under HP Act for private Universities

**ACHIEVEMENT**
Ranked 6th best private biotech institute in India (BioSpectrum Survey)

**GOVERNANCE**
First Chancellor, first Pro-Chancellor, first Vice Chancellor and first Registrar appointed

**ACHIEVEMENT**
Ranked 4th best private biotech institute in India (BioSpectrum Survey)

**ACHIEVEMENT**
Ranked 2nd best private biotech institute in India (BioSpectrum Survey)

**RECOGNITION**
Shoolini University recognised by University Grants Commission (UGC) with in 16 months of its inception; School of Pharmaceutical Sciences recognized by Pharmaceutical Council of India (PCI)

**ASSOCHAM**
Education Entrepreneur of the year

**AITMA**
Shiksha Ratan Award

**FIRST CONVOCATION**
The chief guest, Dr APJ Abdul Kalam confers degrees including first PhD; Foundation stone of Knowledge Centre laid
Faculty of Applied Sciences & Biotechnology
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 in to research at Indian Institute of Science, Bangalore, a premier institution for scientific and industrial research and higher education in India. Anuradha’s research spans 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 plants of Western Himalayas for cancer therapeutics.

Anuradha’s research has been endorsed by extramural funding from Department of Science and Technology, Government of India. She has about two dozen post docs trained from various institutions in USA and Europe.

The Faculty of Applied Sciences and 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 Biocen Ltd, Serum Institute India Ltd, ITC Ltd, Panacea Biotech, Syngene International Ltd, Debur Ltd, Jubilant Organosys Ltd, Oximium Bio-solutions and Nectar Life Sciences Ltd.

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

Dr. Anuradha Sourirajan
Professor & Dean
Faculty of Biotechnology & Applied Sciences

The Faculty of Applied Sciences and Biotechnology research focuses on bio-molecular engineering, host-pathogen interaction, cloning and molecular characterization of industrially important proteins and enzymes, bio-fertilizers and bio-pesticides.

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 brings us closer to understanding fundamental questions about life where scientists bring us closer to understanding the universe.

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.

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Dr. Anuradha Sourirajan, World Food Prize laureate and founder of Harvest Plus, laid the foundation stone of Himachal’s First Commercial Food Testing Laboratory at the university campus. The project with a financial outlay of Rs 3 crore will be partly funded by the Indian Council of Agricultural Research through the Ministry of Food Processing Industries (MOFPI), Government of India.

The Faculty of Applied Sciences and Biotechnology between Feb 20- March 2, 2017. The faculty also received a DST FIST grant of Rs 65 lakhs for setting up a proteomics facility at the university. The DST along with HIPPC, SICTE (Sinhala) 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 MOHI.

The project includes financial assistance for the purchase of 26 major machines and equipments related to food processing, canning line and dairy processing line. The financial grant also includes an assistance of Rs 5 lakhs 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 & 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.

Current Areas of Research

- Anticancer & Immunomodulation Drugs
- Antimicrobials and Nano-Particle Based Drugs
- Biofertilizers & Pest Biocontrol

Faculty of
Applied Sciences
and Biotechnology

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

Faculty Members
Prof RC Mahajan
PhD; Professor of Eminence
PGIMER, Chandigarh & Advisor ECD, ICMR; Professor of Eminence (Medical Microbiology)

Dr Manoj K Kashyap
PhD; Adjunct Professor

Prof Bhavender Paul
PhD, Post Doc USA; Professor of Eminence

Prof DR Sharma
PhD, Professor of Eminence, Former Head, Biotech Dept & Director (Res), UHF, Solan

Dr DK Khurana
PhD; Professor (Adjunct)

Dr R N. Sehgal
PhD.; Professor (Adjunct)

Dr Kamal Dev
PhD; Professor
Post Doc Fellowship, National Inst Child Health & Development, USA

Dr Sourabh Kulkarni
PhD; Professor; Post Doc, Dept of Pathology, University of Kentucky, USA & Germany

Dr Umar Farooq
PhD; Professor (Microbiology); Former Research Associate, PGI, Chandigarh, Asst Prof Omar El Mukhtar University, Libya

Dr Savita Jandaik
PhD; Associate Professor

Dr Anuradha Sourirajan
PhD, Professor cum Dean; Post Doc National Cancer Institute (NIH), USA

Dr Asha Tripathi
PhD; Assistant Professor (Microbiology)

Dr Reena Vohra
PhD, Post Doc; Assistant Professor (Microbiology)

Dr Anshul Sharma
PhD, NET; Assistant Professor (Biotechnology)

Dr Chandrika Attri Seth
PhD (Biotechnology); Assistant Professor

Career Paths
• Pharmaceutical Industry (R&D/Management)
• Clinical Trials & Research
• Operations (Process Development Technician/Manager)
• Quality Control
• Forensics
• Inventorization, Characterization & Documentation
• Environment Control
• Waste Management
• Environmental Protection/ Biodiversity Conservation
• Testing & Developing of Genetically Modified (GM) Organisms
• Food, Brewing, Drinks & Water Industries
• Academics (Teaching/Training)

Academic Programmes
• B Sc (Hons) Biotechnology
• B Sc (Hons) Microbiology
• Integrated B Sc (Hons) - M Sc Biotechnology
• Integrated B Sc (Hons) - M Sc (Microbiology)
• M Sc Biotechnology
• M Sc Microbiology
• MBA Biotechnology
• M Phil Biotechnology
• M Phil Microbiology
• PhD Biotechnology
• PhD Microbiology
B Sc (Hons) Biotechnology
Eligibility: 10+2 (PCB/PCM) with 55% marks
Duration: 6 semesters (B Sc Hons)
Basis of Admission: By merit of qualifying examination

B Sc (Hons) Microbiology
Eligibility: 10+2 (PCB) with 55% marks
Duration: 6 semesters (B Sc Hons)
Basis of Admission: By merit of qualifying examination

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

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

M Sc Biotechnology
Eligibility: BSc with Biotechnology/ Microbiology/ Biochemistry/ Life or Physical Sciences as one of the subject or Bachelor Degree in any branch of science & technology. Minimum marks 55%

Duration: 4 semesters.
Basis of Admission: Through Shoolini University entrance test (Online facility available)

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 engineering 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 organizations, or for further professional training and research. 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: BSc with Microbiology/ Biotechnology / Biochemistry / Life Sciences as one of the subject with at least 55% marks (Admission in order of above preference)
Duration: 4 semesters.
Research will form a part of the programme starting from the first semester.

Basis of Admission: Through Shoolini University entrance test (Online facility available)

MBA Biotechnology*
Eligibility: Bachelor's Degree in Science / Engineering/ Technology with at least 50% marks
Duration: 2 semesters:
- 1 semester research

Basis of Admission:
- Through HPCMAT conducted by HP University, AICTE CMAT, GMAT, CAT, MAT or any other state or national level Management Aptitude Test, followed by group discussion and personal interview at School of Business Management, Shoolini University.
- (Jointly with Faculty of Management Sciences & Liberal Arts)

The MBA Biotechnology program is specially designed for students with a science or technical background who want to improve their competencies in general management, finance and business administration. The key to a career in biotechnology is to appreciate the unique challenges faced by biotechnological, pharmaceutical, food and bio-based companies. Managers in biotech & related companies/ industries are to be competent in biotech processes as well in management practices.

The MBA Biotechnology at Shoolini University School of Business Management is unique as the top country heads and highly qualified biotech scientists teach the students. This helps them in getting lucrative managerial jobs because they are well exposed to the needs of the corporate sector and have sound technical knowledge to meet the needs of highly specialized biotech and pharmaceutical industries.

M Phil Biotechnology / Microbiology
Eligibility: M Sc/ Biotechnology/ Microbiology/ any related branch of Life Sciences with minimum of 60% marks.
Duration: 2 semesters: 1 semester course work + 1 semester research

Basis of Admission: Through Shoolini University Entrance Test followed by personal interview before the admission committee of the university.

PHD Biotechnology
Eligibility: Master's degree in Biotechnology/ related discipline with at least 60% marks.
Duration: 6 semesters: 1 semester course work + 5 semester research

Basis of Admission: Through Shoolini University Entrance Test followed by personal interview before the admission committee of the university.

School of Bioengineering, Food Technology & Agriculture
Faculty Members

Prof Manoranjan Kalia
PhD (Ohio State University), Professor of Eminence, Former Vice Chancellor of HP Agriculture University

Prof Umesh Kumar Kohli
PhD, Post Doc, (Washington State University, USA), Professor of Eminence

Dr CK Shirkat
Professor (Adjunct)

Dr. BB Lal Kaushal
Visiting Professor

Dr Dinesh Kumar
PhD, Experience in Ireland & Netherlands; Professor (Biotechnology)

Dr Adesh Saini
PhD, Post Doc, Laboratory of Gene Regulation & Development (NHI), USA; Professor (Biotechnology)

Dr Somesh Sharma
PhD, Associate Prof (Food Tech)

Dr Amit Seth
PhD, NET; Assistant Professor (Biotechnology)

Dr PK Chauhan
PhD, NET; Assistant Professor (Biotechnology)

Dr Ravinder Kaushik
PhD; Assistant Prof (Food Tech)

Dr Naveen Kumar
Assistant Professor (Dairy Tech)

Dr Anand Kumar
Assistant Professor; MSc, NET

Ms Divya Jyoti Thakur
Assistant Professor; M.Sc, NET

Ms Shalini Jaggi
M Tech; Assistant Professor (Biotechnology)

Mr Rupak Nagaraik
M Tech; Assistant Professor (Bioinformatics)

Mr Rahul Thory
M Sc; Assistant Professor (Food Tech)

Dr Azhar Khan
Assistant Professor; PhD, Post Doc.

Mr Vikas Kumar
Assistant Professor; M.Sc, NET

Mr Ankur Kushal
M Tech; Biotechnology; Assistant Professor

Ms Shalini Jaggi
M Tech; Assistant Professor (Biotechnology)

Mr Mukul Kumar
M Tech; Assistant Professor

Mr Rajeev Sharma
M Tech; Assistant Professor (Biotechnology)

Mr Ashish Kapoor
M Tech; Assistant Professor (Biotechnology)

Mr Bhupendra Kumar
M Tech; Assistant Professor (Biotechnology)

Mr Ashish Kapoor
M Tech; Assistant Professor (Biotechnology)

Mr Ashish Kapoor
M Tech; Assistant Professor (Biotechnology)
Our model is to blend expertise in biosciences with the principles & practices of business management and create skilled human resource for the leadership positions in biotechnology, pharmaceutical, healthcare & food processing industries.

10+2 (PCM/PCB); Lateral entry to 3rd Semester for Diploma holders in concerned or related subject with minimum of 55% marks

8 semesters

B Tech Biotechnology
(Food Biotechnology, Pharmaceutical & Healthcare, Bioinformatics, Biotechnology, Genetic Engineering, Instrumentation Biotechnology, Environmental Biotechnology, Agri-Biotechnology (seed biotechnology), Industrial Biotechnology)

Eligibility: 10 + 2 (PCM/PCB); Lateral entry to 3rd semester for Diploma holders in concerned or related subject with minimum 55% marks

Duration: 8 semesters

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

Industrial Training: Spread over different semesters for on-hand experience in biotech related commercial/ research and development activities.

Specilisation: Provision for Specialisation/ Electives in 5th Semester in Medical/ Pharmaceutical Biotechnology, Plant (seed biotechnology) & Food Biotechnology, Bioinformatics, Nanotechnology, Animal Biotechnology, Environment Biotechnology

B Tech Food Technology

Eligibility: 10+2 (PCM/PCB); Lateral Entry to 3rd semester for Diploma holders in concerned or related subject with minimum of 55% marks

Duration: 8 semesters

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

Industrial Training: Spread over different semesters for on-hand experience in biotech related commercial/ research and development activities.

Specilisation: Provision for Specialisation/ Electives in 5th Semester in Medical/ Pharmaceutical Biotechnology, Plant (seed biotechnology) & Food Biotechnology, Bioinformatics, Nanotechnology, Animal Biotechnology, Environment Biotechnology

Food Technology is a multi disciplinary field of applied physical sciences, microbiology, process engineering, management, marketing for food and related industries. It includes, but is not limited to, the application of agricultural engineering, mechanical engineering and chemical engineering principles to food materials. Food Technology provides the technological knowledge transfer essential to the cost effective production and commercialization of food products and services.

B Sc (Hons) Agriculture*

Eligibility: 10+2 (PCB+PCM) with 55% marks

Duration: 8 semesters

Basis of Admission: Merit of qualifying examination.

The programme aims to provide students knowledge, core practical skills and competencies in agriculture and related fields. A degree in agriculture prepares you for a wide range of careers in the agriculture industry and ancillary organizations. Being an agro-based economy, India provides vast job opportunities in agriculture production, management, development, extension and research (*Approval under process)

M Tech Biotechnology

Eligibility: B.Tech Biotechnology OR M.Sc Biotechnology/ Microbiology/ Biochemistry/ any other branch of Life Sciences; minimum marks 60%

Duration: 4 semesters
PhD Food Technology
Eligibility: Master’s degree in Food Technology/ Food Science/ Microbiology/ Biotechnology or any other related discipline with at least 60% 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.

M Tech Food Technology
Eligibility: BE/ B Tech Food Technology/ Agriculture/ Biotechnology OR M Sc Biotechnology/ Microbiology/ Biochemistry/ any other branch of Life Sciences; minimum marks 60%
Duration: 4 semesters
Basis of Admission: Through Shoolini University Entrance Test/GATE/HPTU followed by Personal Interview

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: Through Shoolini University entrance test (Online facility available) followed by Personal interview

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 Biotechnology
Details on Page 71)

PhD Biotechnology
Eligibility: B Sc; minimum marks 50%
Duration: 4 semesters
Basis of Admission: Through Shoolini University entrance test followed by Personal interview

Eligibility:

• 25% seats are reserved for Himachali domicile candidates
• 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 rules

Criteria for admissions to professional courses shall be in accordance with HP government Notification No. EDN (TE) F (10) 2/2013 dated 13th August 2015.
Faculty of Management Sciences & Liberal Arts
An eminent Senior Executive with an illustrious career in the corporate world. Prof Atul 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. Some of his clients are ICICI Group, HDFC Bank, Securities and Exchange Board of India (SEBI), National Stock Exchange of India (NSE), Citibank, Credit Suisse, Aditya Birla Group, Peerless, Blackstone and General Atlantic Partners amongst others.

With B Tech from IIT Kanpur and MBA from JBIMS Mumbai, Prof Atul has worked as a management consultant for over 17 years and 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 USA, Everest Group (world’s leading outsourcing advisory), Towers Watson, Oliver Wyman and Financial Services at ac-connect ag. Switzerland.

Prof Atul was the founding project manager and helped conceptualise the Indian School of Business (ISB), Hyderabad. He is a guest speaker at several leading Indian and global business schools including IIMSAD, IM Ahmedabad, IIM Lucknow, IIM Bangalore, IBS, JBIMS, IIT Bombay and IIT Kanpur among others.

Faculty of Management Sciences & 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 has been ranked amongst Top 20 best business schools in India along with Indian School of Business, Hyderabad; XLRI, Jamshedpur; MDI, Gurgaon; IMT, Ghaziabad; Narsee Monjee Institute of Management Sciences, Mumbai; Symbiosis Institute of Management, Pune and others by ‘Dainik Bhaskar Survey’ in 2014. In a separate accomplishment, the School has been adjudged the ‘Best Private Upcoming Business School’ by ASSOCHAM India in 2013, and rated A+++ and adjudged the ‘Best Private Upcoming Business School’ by ASSOCHAM India in 2013, and rated A+++ and adjudged the ‘Best Private Upcoming Business School’ by ASSOCHAM India in 2013, and rated A+++ and adjudged the ‘Best Private Upcoming Business School’ by ASSOCHAM India in 2013, and rated A+++ and adjudged the ‘Best Private Upcoming Business School’ by ASSOCHAM India in 2013, and rated A+++.

We envisage building the School of Business Management in to 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 experts and exposure to the industry. Under the guidance and leadership of Prof Atul Khosla, Dean and ably supported by a team of esteemed and experienced faculty, the Business School is progressing towards its goal to be a top centre of learning and research in Business Administration.

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

Focus on Placement

• Active placement & career development cell, which frequently coordinates to give foothold to the students in the industry, higher education and entrepreneurship.

• School of Business Management conducts campus placements for its students. During placement week a large number of MNCs and leading companies visit the campus for on spot placements.

We top placement for MBA batch with excellent pay packages in reputed companies, such as Genpact, IOCL, LG, HDFC, Mercer, Shubham Finance, Marsh & McLennan, C-Step, Toyota, Airtel, Ofera, Abarus Offshored from Seychelles, Religare, India Infoline and many more.

• Great summer placements for first year MBA students (Batch 2016) 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 & with audio video aids.

Emphasis on Knowledge, Skills and Creative Abilities of students through Add-on Modules

Industry Module

• The unique Module for Self Improvement through meditation and yoga; 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 communications kills for interviews & managerial effectiveness.

• Students’ Management Club ‘The Invincible’ for overall development of students.

• Modules developed by leading professional managers are offered on key industry sectors such as banking and financial services with a view to increase the exposure & employability of management students.

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

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• Students’ Management Club ‘The Invincible’ for overall development of students.

• Modules developed by leading professional managers are offered on key industry sectors such as banking and financial services with a view to increase the exposure & employability of management students.
Current Areas of Research
• Human Resource Management
• Social Gerontology
• Organisational Behaviour
• Networks
• Economic Development
• Agricultural/Rural Economics
• Consumer Behaviour
• Finance and Banking
• Marketing
• Environment

Governance Support to MBA Programme
Majority of the members of governing body and other councils of the University are distinguished professionals, business executives and entrepreneurs, who are the source of guidance and inspiration for the execution of business school programmes and placement of students.

Mr Ramesh K Mehra
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 Kaifer Insute Ltd, Thailand

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

Mr Ashish Khosla
BE, MBA (IIM Calcutta); Senior Vice President, Unib, 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 Nishta Anand
BA (Hons) English, MA English, PG Diploma in Journalism; Chief Editor, Penpundit.com and Techthirsty.com

Guest Faculty & Mentors
Frequent visits by expert guest faculty lend exposure to students, opening up a multitude of avenues for them to know more about the latest management practices. We have a score of national and international corporate leaders as mentors visiting our university to provide intellectual inputs.

Aarti Nihalani
B Tech (UDCT, Mumbai), MBA (IIM, Ahmedabad), Manager at Oliver Wyman

Anish Tawakley
B Tech (IIT Delhi), MBA (IM Bangalore). Sr Director, Research at Credit Suisse. Previously senior positions with Bernstein, McKinsey & Co

Anurag Chaudhary
M Sc (Delhi University), MBA (Jamnalal Bajaj), Managing Director Citibank, London. Previously with ANZ Grindlays Bank

Arjun Singh
B Tech (IIT Bombay), MBA (IIM, Calcutta) Managing Director Hewitt Associates. Previously executive positions with WNS, ABN AMRO Bank, GE

Avijit Bhattacharya
B Tech (IIT Kanpur), MBA (IIM, Bangalore). CEO at Tata Securities; Previously executive position at other Tata Group Companies

David Bergeron
PhD (University of Pennsylvania, USA). Principal, Oliver Wyman, Pennsylvania; Principal, Oliver Wyman

Gaurav Mehta
Senior Manager Roland Berger. Previously with Morgan Stanley, USB

Hansi Mehrotra
CFA, MBA (Wharton), Head of wealth management, Asia Pacific at Mercer Investment Consulting

Jaajit Bhattacharya
B Tech (IIT Kanpur), MBA (IIM, Calcutta), PhD (IIT Delhi). Country Director Sun Microsystems; visiting faculty INSEAD. Previously senior position with Oracle, Accenture

Justice N K Sodhi
Former Chief Justice Court of Karnataka, Chairman Special Incubation Center

Kamlesh Vyas
Director First India School of Business. PhD HRM and Social Media. Worked as CEO ACME, GM MKRH, Senior Consultant at Watson Wyatt, Ernst & Young etc. More than 15 Years of experience in corporate world

Kamlesh Vyas
Director First India School of Business. PhD HRM and Social Media. Worked as CEO ACME, GM MKRH, Senior Consultant at Watson Wyatt, Ernst & Young etc. More than 15 Years of experience in corporate world

Sanjay Kodia
MBA (SP Jain). Country Head and CEO, Marsh India. Previously senior position at IIBI Bank

Vineet Anurag
MD Bank of America Merrill Lynch, MBA Finance Indian Institute of Management, Calcutta

Facilities
• IT Centre
• e-Lab
• Language Lab
• Audio-Visual Room
• Meditation Hall
• Tutorial Rooms
• Conference Rooms
• Seminar Halls
• Video-conferencing
• Online Lectures
• Steve Jobs Innovation and Incubation Center
• 250 seated auditorium
Career Paths
• Executives / Managers (Private & Public Sectors)
• Public Relations
• Management Consultancy
• Marketing Research Analysts
• Financial Analysts
• Investment Banking/Insurance Associates
• Retail Management
• Media Management
• Product & Brand Manager
• HR Corporate Trainer/HR Manager
• Entrepreneurship
• e-Business
• Academics (Teaching & Research)

Faculty Members
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 & Executive Trustee
Prof Dr Y.S. Negi
Professor; PhD, University of Berkeley
Mr Virupubby
Director, Journalism & Mass Communication
Mr Narinder Verma
Professor; PGDM (IMC); PGDAC; B Tech (IIT), NET
Mr Praveen Vasisht
Professor, MA
Dr Kuldeep Chand Royhe
Associate Professor; PhD; MBA (SLET)
Dr Kesari
Associate Professor; PhD, NET
Dr Dipankar Sharma
Associate Professor; PhD
Mr Devesh Kumar
Associate Professor; MBA, NET
Dr Rakesh Kumar Shukla
Assistant Professor; PhD
Dr Nitin Gupta
Assistant Professor; PhD
Dr Prinima Bali
PhD English
Assistant Professor
Mr Kamalkant Vashisth
Assistant Professor; MBA, NET
Ms Pooja Verma
Assistant Professor; MBA; NET
Mr Chander Mohan Gupta
Assistant Professor; MBA, M Com, LLB
Mr Amar Rao
Assistant Professor; MBA, NET
Ms Varsha Patil
Assistant Professor; CS
Ms Prachi Kapil
Assistant Professor; MBA
Dr Supriya Srivastava
Assistant Professor; PhD, NET
Mr Neeraj Pizar
Assistant Professor; MA, English, NET
Mr Sumit Verma
Assistant Professor; MBA
Mr Pawan Sharma
Assistant Professor; MBA
Ms Shubhika Sharma
Assistant Professor; MBA
Mr Tarun Mahendru
Deputy Director, MBA
Mr Suchet Attri
Assistant Professor; MA JMC, NET; PG Diploma in Adv. & PR, PGDBA (HR)
Ms Sonia Dadwal
Assistant Professor; MBA
Ms Harsha Thakur
Assistant Professor; MBA
Ms Sakshi Sharma
MBA (HR), NET
Assistant Professor
Adjunct/Visiting Faculty
Dr S C Towari
Professor of Eminence; Ph. D (Agril. Economics), Post Doc. From USA
Ms Andrea Wright
Assistant Professor as Adjunct Faculty; MA
Prof Ashley Braganza
Adjunct Professor; Ph.D.
Mr Ashish Khosla
Visiting Faculty; PGDM (IM Calcutta), B. E. (IIT Roorkee)
Ms Sandeepa Sharma
Professor (Adjunct); PGCBM
Ms Sangeeta Sharma
Professor (Adjunct); B.Sc, PGCBM
Mr. Kamlesh Vyas
Visiting Faculty, MA
Mr S. Sridhar
Visiting Faculty, B Com., CA
Ms. Pooja Malik
Visiting Faculty, Post Graduate (HRM), Graduate (Sociology)

Academic Programmes
• BA (Hons) Economics
• BA (Hons) English
• BA Journalism & Mass Communication
• MBA
• B Com (Hons)
• B Sc Hospitality & Hotel Administration
• B Sc (Hons) Yoga Science
• MBA
• Finance
• Marketing
• Human Resource (HR)
• Biotechnology
• Pharma & Healthcare
• MBA Executive (Part Time)
• PGDBM
• PhD Management (Business Management/Environment Management)
• PhD Economics
(*Approval under process)
The BBA degree programme aims at developing professionals in business administration with a focus on specialization at the undergraduate level. During your 3 years in the programme, you will gain much more than an outstanding and integrated business education. You will also acquire the critical leadership, team, and communications skills that today’s employers are looking for.

BA (Hons) Economics
Eligibility: 10+2 (Any stream) with at least 55% marks
Duration: 6 semesters
Basis of Admission: By merit of qualifying examination
Economists are involved in the most fundamental decisions in the areas of planning and finance. Their skills are needed in all sectors of industry as well as by international non- and quasi-governmental agencies. This course will give you the vital core technical and analytical skills to enable you to embark on a successful career in economics.

BA (Hons) English
Eligibility: 10+2 (Any stream) with English as one of the subject; minimum marks 55%
Duration: 6 semesters
Basis of Admission: By merit of qualifying examination

The BA (Hons) degree in English will provide you with the skills and knowledge that are required for grasping English language and appreciate literature. The programme would equip you with a wide range of transferable skills needed for a rewarding career in the fields of education, communications, publishing, editing, and content and creative writing.

BA Journalism and Mass Communication
Eligibility: 10+2 (Any stream) with at least 55% marks
Duration: 6 semesters
Basis of Admission: By merit of qualifying examination

It is a three year undergraduate course which equips students with the skills needed for careers in reporting, journalism, advertising, news analysis and public relations. The main focus of the course is on developing practical knowhow of the underlying principles of media industry and lay a strong foundation for understanding news media practices across different media. The course will also promote knowledge of news media and their role in society.

BBA
Eligibility: 10+2 (Any stream) with at least 60% marks
Duration: 6 semesters
Basis of Admission: Through Entrance Test of Shoolini University

The BBA degree programme aims at developing professionals in business administration with a focus on specialization at the undergraduate level. During your 3 years in the programme, you will gain much more than an outstanding and integrated business education. You will also acquire the critical leadership, team, and communications skills that today’s employers are looking for.

B Com (Hons)
Eligibility: 10+2 (Any stream) with at least 55% marks
Duration: 6 semesters
Basis of Admission: By merit of qualifying examination

The B Com (Hons) equips students with the requisite knowledge and competence in business and commerce. 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.

Noted Punjabi singer Garry Sandhu performing at Shoolini’s Moksh Techfest
ancient science, and a natural way of application and the benefits. Yoga is an instrumental tool for students about yoga, its foundation, principles, and cognitive and physical benefits. The B Sc (Hons) Yoga Science programme provides in-depth knowledge to the students about yoga, its philosophy, principles, and various forms. This programme aims at developing young talent for the hotel industry and allied fields. It combines management theory with hands-on hospitality courses and professional internships. There is a growing demand for hotel management graduates in catering, hospitality and tourism industry within and outside the country. The graduates are also provided with skills to start their own ventures and become entrepreneurs.

B Sc (Hons) Yoga Science*

Eligibility: 10+2 (any stream) with at least 55% marks
Duration: 6 semesters

B Sc Hospitality & Hotel Administration

Eligibility: 10+2 (any stream) with at least 55% marks
Duration: 6 semesters

B Sc (Hons) Biotechnology

Eligibility: Bachelor’s Degree (Any discipline) with at least 50% marks; 3 years job experience in any organisation
Duration: 4 semesters

B Sc Hospitality & Hotel Management

Eligibility: 10+2 (any stream) with at least 55% marks
Duration: 4 semesters

Eligibility:

- Bachelor’s Degree (Any discipline) with at least 50% marks; 3 years job experience in any organisation
- Bachelor’s Degree (Any discipline) with at least 50% marks
- 3 years job experience in any organisation
- Bachelor’s Degree in Science/Engineering with at least 50% marks
- Bachelor’s Degree in Science/Engineering with at least 50% marks
- Bachelor’s Degree in Science/Engineering with at least 50% marks
- Bachelor’s Degree in Science/Engineering with at least 50% marks

B Sc (Hons) Yoga Science* 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, gymnasiums, medical institutions and therapy centres. A great stress buster, yoga is gaining global popularity and there is a demand for trained yoga professionals in foreign countries.

(*Approval under process)

MBA

(Specialization: Marketing/Finance/HR)

Eligibility: Bachelor’s Degree (Any discipline) with at least 50% marks; 3 years job experience in any organization
Duration: 6 semesters

Basis of Admission: Through HPCMAT conducted by HP University, AICTE CMAT, GMAT, CAT, MAT or any other state or national level Management Aptitude Test, followed by group discussion and personal interview at School of Business Management, Shoolini University.

Industrial Training/ Project Work: Project work in the last semester.

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 awareness and employability of management students. Our business schools unique mentorship programme aims at providing 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.

MBA Executive (Part Time)

Eligibility: Bachelor’s Degree in Science/Engineering (BSc) with at least 50% marks
Duration: 4 semesters

Basis of Admission: Through HPCMAT conducted by HP University, AICTE CMAT, GMAT, CAT, MAT or any other state or national level Management Aptitude Test, followed by group discussion and personal interview at School of Business Management, Shoolini University.

The MBA (Executive) 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.

MBA (Specialization Biotechnology*)

Eligibility: Bachelors’ Degree in Science/Engineering (BSc) with at least 50% marks
Duration: 4 semesters

Basis of Admission: Through HPCMAT conducted by HP University, AICTE CMAT, GMAT, CAT, MAT or any other state or national level.

The MBA Biotechnology program is specially designed for students with a science or technical background who want to improve their competencies in general management, finance and business administration. The key to a career in biotechnology is to appreciate the unique challenges faced by biotechnological, pharmaceutical, food and bio-based companies. Managers in biotech and related companies/industries are to be competent in biotech processes as well in management practices.

The MBA Biotechnology at Shoolini University School of Business Management is unique as the top country heads and highly qualified biotech scientists teach the students. This helps them in getting lucrative managerial jobs because they are well exposed to the needs of the corporate sector and have sound technical knowledge to meet the needs of highly specialized biotech and pharmaceutical industries.

MBA (specialization Pharma & Healthcare*)

Eligibility: BA Bachelors’ degree in Biological/Pharmaceutical/Veterinary Medical Sciences or Bachelor Degree in Biotechnology/ Bioinformatics with at least 50% marks
Duration: 4 semesters

*Jointly with Faculty of Pharmaceutical Sciences

The MBA Biotechnology program is specially designed for students with a science or technical background who want to improve their competencies in general management, finance and business administration. The key to a career in biotechnology is to appreciate the unique challenges faced by biotechnological, pharmaceutical, food and bio-based companies. Managers in biotech and related companies/industries are to be competent in biotech processes as well in management practices.

The MBA Biotechnology at Shoolini University School of Business Management is unique as the top country heads and highly qualified biotech scientists teach the students. This helps them in getting lucrative managerial jobs because they are well exposed to the needs of the corporate sector and have sound technical knowledge to meet the needs of highly specialized biotech and pharmaceutical industries.

MBA (specialization Pharma & Healthcare*)

Eligibility: BA Bachelors’ degree in Biological/Pharmaceutical/Veterinary Medical Sciences or Bachelor Degree in Biotechnology/ Bioinformatics with at least 50% marks
Duration: 4 semesters

*Jointly with Faculty of Pharmaceutical Sciences

This programme aims at broadening their management skills through lectures, case studies, action learning and coaching. With top level business executives delivering lectures and CEOs sharing their experience and expertise is the unique special point of the course.

MBA (Specialization Biotechnology*)

Eligibility: Bachelors’ Degree in Science/Engineering (BSc) with at least 50% marks
Duration: 4 semesters

Basis of Admission: Through HPCMAT conducted by HP University, AICTE CMAT, GMAT, CAT, MAT or any other state or national level Management Aptitude Test, followed by group discussion and personal interview at School of Business Management, Shoolini University.

The MBA (Executive) 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.
The objective of MBA Pharma and Healthcare programme is to develop students for top positions in the pharmaceutical & healthcare industry. Through rigorous field work and academics, students are sensitized to the latest aspects in pharmaceutical & healthcare industry. The industry-driven curriculum is developed to keep in pace with the dynamics of the business environment and to equip the students with knowledge, skills and abilities that can prepare them to tackle the challenges of the future.

Shoolini MBA Pharma and Healthcare is a unique programme where top experts from the corporate and industry regularly interact with our students and help them in application of business concepts for organizational effectiveness. The atmosphere of a leading business school with outstanding faculty from management, pharmaceutical and biotechnology makes your education a most rewarding learning experience.

PGDBM

Eligibility: Bachelor's Degree (any discipline) with at least 50% marks and 2 years job experience or masters degree in any discipline.

Duration: 6 semesters

Basis of Admission:

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

PhD Business Management / Environment Management

Eligibility: Master's degree in Business Management / Environment Management or any related discipline with at least 60% marks.

Duration: 6 semesters

- 25% seats are reserved for Himachali domicile candidates
- 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 rules

Criteria for admissions to professional courses shall be in accordance with HP government Notification No. EDN (TE) F (10) 2/2013 dated 13th August 2015.
An eminent Senior Executive with an illustrious career in the corporate sector, Prof Atul 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. Some of his clients are ICICI Group, HDFC Bank, Securities and Exchange Board of India (SEBI), National Stock Exchange of India (NSE), Citibank, Credit Suisse, Aditya Birla Group, Peerless, Blackstone and General Atlantic Partners amongst others.

With B Tech from IIT Kanpur and MBA from JBIMS Mumbai, Prof Atul has worked as a management consultant for over 17 years and served clients in North America, Europe, Asia, Australia and India. He has held senior positions in some of the world’s leading consultants like McKinsey and Company USA, Everest Group (world’s leading outsourcing advisory), Towers Watson, Oliver Wyman and Financial Services at ac-connex ag. Switzerland.

Prof Atul was the founding project manager and helped conceptualise the Indian School of Business (ISB), Hyderabad. He is a guest speaker at several leading Indian and global business schools including IIT Delhi, IIM Ahmedabad, IIM Lucknow, IIM Bangalore, ISB, JBIMS, IIT Bombay and IIT Kanpur among others.

Faculty of Engineering & Technology

Shoolini University excels in engineering & technology as an academic discipline with its highly qualified and experienced full time faculty who have several years of experience as other 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 industries, 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.

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 & to produce entrepreneurs & technocrats. It will be the first such institute in the 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 Nanotechnology (CEN) which provides common facilities for undertaking multi disciplinary research in nanoscience & nanotechnology.

The main objectives of the CEN include joint research with national and international institutions, technology transfer and commercialization of research outcomes.

Centre of Excellence in Renewable Energy

The Centre is undertaking research work on the various renewable energy sources like solar, wind & 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 & faculty to prosecute studies & undertake research at respective organisation. Under the student exchange programme, 53 students have gone for studies and research in various reputed universities/ institutions in South Korea, Taiwan, China and USA; vice versa 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 Hyung-In Lee, Research Professor from Seoul National University and Professor On Charm Lee taught Shoolini B Tech students for over a fortnight.

Facilities

- Mechanical Workshops (4)
- Mechanical labs (3)
- Physics & Chemistry Labs (2)
- Computer Labs with broadband connectivity OptiPlex 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)
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
Dr Subhash Chandra
Professor of Eminence; PhD
(Mechanical Engg), University of Cincinnati; MD & Chief Technology Officer, Connecticut Clean Energy Fund
Dr SR Prabhakar
Professor of Eminence; PhD
Dr JP Soni
Professor of Eminence; PhD, BE; Former Professor & Head, Civil Engineering
Dept, PAU; Executed engineering programmes in Ahmadu Bello University and Zaria and Kaduna
Polytechnics in Nigeria;

Er. Rajinder Abhange
Visiting Faculty; B Tech
Er. S. Acharya
Visiting Faculty; B Tech, MBA
Er. Praveesh Srivastava
Visiting Faculty; B Tech, MBA
Maj Gen AK Chaturvedi (Retd)
Visiting Faculty; PhD, M Phil., M Tech.
Prof. Avind Nanda
Professor; FTGMP (General Management), B Sc Production Engineering,
Er. PL Goel
Professor; B Sc (Hons) Civil Engineering; M Sc Civil Engineering; Former Chief Engineer (Civil), PSEB
Dr Mohindra Singh Thakur
Professor; Ph D
Dr Priyadarshi Upadhyai
Assistant Professor; PhD
Er Robin Thakur
Assistant Professor; M Tech
Er. Satyender Singh
Assistant Professor; M Tech
Dr. Abhilash Pathania
Assistant Professor; PhD
Er Himani Verma
Assistant Professor; M Tech
Dr. Anil Kumar
Assistant Professor; PhD
Dr Ranchan Chauhan
Assistant Professor; PhD
Dr. Amar Raj Singh
Assistant Professor; M Tech
Er. Sanjay Garg
Assistant Professor; M Tech
Er. Vinender Pratap Singh
Assistant Professor; M Tech; Deputed from Faculty of Basic Sciences
Er Nitin Kumar Sharma
Assistant Professor; M Tech
Er. Raj Kumar
Assistant Professor; M Tech
Er. Sunil Pathania
Assistant Professor; M Tech
Er. Anil Kumar
Assistant Professor; M Tech
Er. Anup Singh
Assistant Professor; ME
Er. Divya Deep Dhancholia
Assistant Professor; M Tech
Er. Adit Rana
Assistant Professor; M Tech
Mr. Het Ram Kashyap
Assistant Professor; MCA
Mr. Sanjay Bhardwaj
Assistant Professor, M Tech
Er Sumit Mehlwal
Assistant Professor, M Tech
Er. Sushant Thapa
Assistant Professor, M Tech
Er. Akshay Pathania
Assistant Professor, M Tech
Er. Devina Rattan Paul
Assistant Professor, M Tech
Mr Ankil Thakur
Assistant Professor, M Tech
Er Varun Sharma
Assistant Professor, M Tech
Er Vivek Thakur
Assistant Professor; M Tech
Er. Sushil Kumar
Assistant Professor; M Tech
Er. Bhupender Kumar
Teaching Assistant; B Tech
Er. Veena Kashyap
Teaching Assistant; B Tech

Academic Programmes
• B Tech Civil Engineering
• B Tech Mechanical Engineering
• B Tech Automotive Technology
• M Tech Mechanical Engineering
• M Tech Civil Engineering
• PhD Mechanical Engineering
• PhD Civil Engineering

B Tech Civil Engineering
Eligibility: 10+2 (PCM) with at least 55% marks; Lateral Entry to 3rd Semester for Diploma holders in concerned or related subject with minimum 55% marks.
Duration: 8 semesters
Basis of Admission: Through JEE/ HP/CET or any equivalent entrance test recognised by HP Government.

Civil engineering is a professional engineering discipline that deals with the design, construction, and maintenance of the physical and naturally built environment, including works like roads, bridges, canals, dams, and buildings.
Civil engineering takes place at all levels: in the public sector from municipal through to national governments, and in the private sector from individual homeowners through to international companies.
B Tech Mechanical Engineering
Eligibility: 10 + 2 (PCM) with at least 55% marks; Lateral Entry to 3rd Semester for Diploma holders in concerned or related subject with minimum 55% marks.
Duration: 8 semesters
Basis of Admission: Through JEE/ HP CET or any equivalent entrance test recognised by HP Government.

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

B Tech Automotive Technology
Eligibility: 10+2 (PCM) with at least 55% marks; Lateral Entry to 3rd Semester for Diploma holders in concerned or related subject with minimum 55% marks.
Duration: 8 semesters
Basis of Admission: Through JEE/ HP CET or any equivalent entrance test recognised by HP Government.

The Faculty of Engineering and Technology have established a Centre for Excellence in Automotive Engineering by joining hands with Anand Automotives, leaders in automotive engineering, for producing excellent and talented engineers needed in the fast expanding automotive industry.

The B Tech programme in automotive technology prepares students for entry into automobile industry. The automotive industry in our country is one of the largest in the world, thus providing vast job prospects at various levels.

M Tech Mechanical Engineering
Eligibility: B Tech Mechanical Engineering with minimum marks 50%;
Duration: 4 semesters
Basis of Admission: Through GATE/HPTU Entrance Test followed by Personal Interview

M Tech Mechanical Engineering degree programme prepares the student for a successful professional career through advanced study in design, development, analysis, manufacturing, and maintenance of mechanical systems for a wide range of industries, including transportation, automation, energy generation and electronics. It combines courses with research/project work in contemporary areas for solving real world problems.

M Tech Civil Engineering
Eligibility: B Tech Civil Engineering with minimum marks 50%;
Duration: 4 semesters
Basis of Admission: Through GATE/HPTU Entrance Test followed by Personal Interview

PhD Civil Engineering
Eligibility: Master’s degree in Civil Engineering or any other related discipline with at least 60% marks
Duration: Minimum 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.

PhD Mechanical Engineering
Eligibility: Master’s degree in Mechanical Engineering or any other related discipline with at least 60% marks
Duration: Minimum 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.
School of Electrical & Computer Engineering

Faculty Members

Er CP Mahajan
Professor of Eminence; Electronics & Electrical Engineering

Dr GS Virdi
Professor of Eminence; PhD, Post Doc

Dr. Hyoun In Lee
Visiting Faculty from Seoul National University; PhD

Dr Ram Prakash Dovvedi
Professor; Ph D, Post Doc

Dr. Neeraj Gandotra
Associate Professor; PhD (Deputed from Faculty of Basic Sciences)

Er. Pankaj Vaidya
Associate Professor; M Tech

Ms Poonam Nanda
Associate Professor; MA

Er. Raj Kumar Saini
Associate Professor; M Tech

Dr Sanjay Kumar Upadhyay
Assistant Professor; PhD NET

Dr Varun Jaiswal
Assistant Professor; PhD

Er. Gaurav Gupta
Assistant Professor; M Tech

Ms. Rajni Sharma
Assistant Professor; MCA

Er. Sachin Sharma
Assistant Professor; M Tech

Er. Ashwani Sharma
Assistant Professor; M Tech

Er. Vivek Kanwar
Assistant Professor; M Tech

Er. Akshay Gupta
Assistant Professor; M Tech

Ms. Shagun Gupta
Assistant Professor; M Sc

Mr. Sunil Kumar
Assistant Professor; M Phil.

Ms. Meenakshi Nayer
Assistant Professor; M Tech

Er. Randhir Bhandari
Assistant Professor; M Tech

Er Namita Gandotra
Assistant Professor; M Tech

Mr. Vikrant Chauhan
Assistant Professor; MP Ed., SET

Dr Swati Tyagi
Assistant Professor; M Sc, GATE (Deputed from Faculty of Basic Sciences)

Mr Manoj Gaur
Assistant Professor; M Sc, B Ed, NET, GATE (Deputed from Faculty of Basic Sciences)

Ms. Bharti Thakur
Assistant Professor-cum-System Analyst; MCA

Er Ankit Gupta
Assistant Professor; M Tech (CSE)

Er Hemant Sharma
Assistant Professor; M Tech (IT)

Er Mahesh Kumar
Assistant Professor; M Tech. (Computer Sciences)

Ms Diksha Sharma
Assistant Professor; M Tech (CSE)

Er. Lalita Sharma
Assistant Professor; M Tech (CSE)

Mr Ravinder Kumar Thakur
Teaching Assistant; M Sc, BEd
B Tech in Computer Science & Engineering constitutes a balanced programme in which students study the engineering aspects of software and hardware as well as mathematical foundations of computation. With rapidly evolving technology and the continuous need for innovation, this course prepares students for employment in high technology industries that employ information and digital systems.

B Tech IT (Cloud Technology & Information Security) Eligibility: 10 + 2 (PCM) with at least 55% marks; Lateral Entry to 3rd Semester for Diploma holders in concerned or related subject with minimum 55% marks. Duration: 8 semesters. Basis of Admission: Through JEE/HPCET or any equivalent entrance test recognised by HP Government.

B Tech in Computer Science & Engineering Eligibility: 10 + 2 (PCM) with at least 55% marks; Lateral Entry to 3rd Semester for Diploma holders in concerned or related subject with minimum 55% marks. Duration: 8 semesters. Basis of Admission: Through JEE/HPCET or any equivalent entrance test recognised by HP Government.

B Tech Electrical Engineering Eligibility: 10 + 2 (PCM) with at least 55% marks; Lateral Entry to 3rd Semester for Diploma holders in concerned or related subject with minimum 55% marks. Duration: 8 semesters. Basis of Admission: Through JEE/HPCET or any equivalent entrance test recognised by HP Government.

B Tech Electronic & Communication Engineering Eligibility: 10 + 2 (PCM) with at least 55% marks; Lateral Entry to 3rd Semester for Diploma holders in concerned or related subject with minimum 55% marks. Duration: 8 semesters. Basis of Admission: Through JEE/HPCET or any equivalent entrance test recognised by HP Government.

Electrical engineering generally deals with the study and application of electricity, electronics, and electromagneticism. This field first became an identifiable occupation in the second half of the 19th century after commercialization of the electric telegraph, the telephone, and electric power distribution and use. It now covers a wide range of subfields including electronics, digital computers, power engineering, telecommunications, control systems, Radio Frequency (RF) engineering, and signal processing. The need to generate more power, the role of electrical engineers has become very important in today's world.

B Sc (Hons) Mathematics Eligibility: 10 + 2 with Mathematics as one of the subject, minimum marks 55%.

B TECH ELECTRICAL ENGINEERING

Eligibility: 10 + 2 (PCM) with at least 55% marks; Lateral Entry to 3rd Semester for Diploma holders in concerned or related subject with minimum 55% marks. Duration: 8 semesters. Basis of Admission: Through JEE/HPCET or any equivalent entrance test recognised by HP Government.

Electrical engineering constitutes a balanced programme in which students study the engineering aspects of software and hardware as well as mathematical foundations of computation. With rapidly evolving technology and the continuous need for innovation, this course prepares students for employment in high technology industries that employ information and digital systems.

B Tech in Computer Science & Engineering constitutes a balanced programme in which students study the engineering aspects of software and hardware as well as mathematical foundations of computation. With rapidly evolving technology and the continuous need for innovation, this course prepares students for employment in high technology industries that employ information and digital systems.

B Tech in Computer Science & Engineering constitutes a balanced programme in which students study the engineering aspects of software and hardware as well as mathematical foundations of computation. With rapidly evolving technology and the continuous need for innovation, this course prepares students for employment in high technology industries that employ information and digital systems.
M Sc Mathematics
Eligibility: Graduation in any stream with Mathematics as one the subject, minimum marks 50 %.
Duration: 4 semesters
Basis of Admission: Through Shoolini University entrance test (Online facility available)

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

PhD Computer Science & Engineering
Eligibility: Master’s degree in Electronics & Communication Engineering or any other related discipline with at least 60% 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 of the university.

PhD Electronics & Communication Engineering
Eligibility: Master’s degree in Computer Science and Engineering or any other related discipline with at least 60% 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 of the university.

Criteria for admissions to professional courses shall be in accordance with HP government Notification No. EDN (TE) F (10) 2/2013 dated 13th August 2015.
Mr. Rajinder Sharma figures in the list of top 100 legal luminaries of India and second in top GC Power List of the country. He is a former Group General Counsel at Flipkart and has 33+ years of experience with reputed companies like Punjab Tractors, Tata Steel, Reliance Industries, Escorts, Bharti, Coca-Cola, DuPont, JSW and Samsung. He has successfully set up legal departments in IBM India, Reliance Industries, Lucent Technologies, Bharti Airtel and JSW. He has also been Chief Ethics Officer in companies like Coke, Bharti, JSW, DuPont and Samsung. He is an independent Director of many Indian and multinational companies.

He has been a Board Member of American Chamber of Commerce in India and an active member of legal affairs committee of US-India Business Council, apart from being a member of various legal, IPR governance committees of CII, FICCI and PHD Chamber of Commerce and Industry. He carries the distinction of closing India’s fastest 100 million US dollars M&A transaction, apart from successfully closing international commercial arbitrations and inward M&A transactions as also acquiring coal mines in South Africa, Indonesia and Australia.

Mr. Sharma is the recipient of prestigious International Ethics Excellence Award for the year 2014.

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 a 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.

Pre Eminent Board of Advisors

Mr. Gopal Subramaniam
Former Solicitor General of India

Prof Madhav Menon
Former VC of NLSIU Bangalore & father of modern legal education in India

Dr Lalit Bhasin
President, Bar Association of India & Society of Indian Law Firms

Mr Mammohan (Mac) Sareen
Former Advocate General of Punjab and Haryana

Mr Nehchel Sandhu, IPS (Retd)
Former Dy NSA, Govt of India.

Mr Ashok Chhabra
Former GC (APAC) for Procter and Gamble Inc.

Mr Jyoti Sagar
Founder of JSA Law

Mr MK Sharma
Former Vice Chairman, Hindustan Lever Ltd

Mr Najib Shah, IFS
Former Chairman CBIC, GOI

Faculty Members

Mr Rajinder Sharma
BA LLB (Hons); INSEAD Management Programme; Advisor (IPR, CRPC, IPR, Corporate Governance)

Dr Kulbhushan Jain
MA, PhD; Professor (Literature English)

Dr Anilka Jain
MA, M Phil, PhD; Professor (Sociology)

Mr Nandan Sharma
LLB, LLM; Associate Professor (IP, Administrative Law, Constitution, CPC)

Mr SK Varman
LLB (Hons); Associate Professor (Income Tax, Sales Tax, Entry Tax, GST)

Mr Chander Mohan
M Com, LLB; Assistant Professor (Corporate & Contract Law, Direct Taxation, CPC) - Deputed to School of Business Management

Ms Varsha Patil
CS; Assistant Professor (Corporate Governance, IPR) - Deputed to School of Business Management

Dr Supriya
PhD; Assistant Professor (Sociology) - Deputed to School of Business Management

Visiting Faculty

Mr RK Garg
LLB (Criminal Law)

Mr Anish Garg
LLM (Constitution)

Mr Chander Lal
LLB (IPR)

Mr Rohit Khanna
LLB (Consumer Laws & Welfare)

Mr RN Yadav
LLB (Ligation)
LLB (Hons)

Eligibility: Graduation in any discipline with at least 55% marks
Duration: 6 semesters

Basis of Admission: Through Central/State Level Entrance Test or any other recognised entrance test

LLB (Hons) 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.

Academic Programmes

- BA LLB
- LLB (Hons)

BA LLB
Eligibility: Eligibility: 10+2 in any discipline with at least 55% marks
Duration: 10 semesters

Basis of Admission: Through Central/State Level Entrance Test or any other recognised entrance test

An LLB degree is an excellent starting point for a promising career in law. 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.

Faculty of Legal Sciences

Mr Rajeev Arora
LLB (Infrastructure)

Dr Manoj Kumar
PhD (Merger, Acquisition)
Mr Anirudh Dass LLB (ADR)

Mr Ashish Varmani
LLB (Moot Court Litigation)

Mr Nehchal Sandhu (IPS Retd.)
LLB (Security Law, Corporate Governance)

Mr Ashok Barimar
LLB (Aviation Law, Competition Law)

Mr Akhil Prasad
LLB, (Commercial Disputes, SEBI)

Mr Amar Gupta
LLB (Banking Law, Recovery)

Mr Ashok Chabra
LLB (Contracts)

Mr Ajay Thoma
LLM (National University of Singapore) (ADR)

Mr Rakesh Bakshi
LLB (Cyber Law)

Mr Rajan Swarup
IIT, IIM (Management Studies)
A post-doctoral associate from Department of Chemical Biology and Therapeutics, St. Jude Children’s Research Hospital, Memphis, USA and Division of Biotechnology and Pharmaceutical Research, NHRI, Taipei, Taiwan. Prof Mahindroo’s research interests include drug discovery for medical needs of importance for India, design and synthesis of small drug like molecules, structure-activity relationship studies; lead optimization for activity, selectivity and drug like properties; medicinal chemistry and chemical biology of the lead candidates; cell-based functional assays, cytotoxicity and apoptosis induction assays, western blot.

Prof Mahindroo is a former research fellow of International Centre for Science and High Technology, Trieste, Italy. He has valuable experience of working in a multidisciplinary environment in a drug discovery group and coordinating medicinal chemistry projects.

Faculty of Pharmaceutical Sciences

School of Pharmaceutical Sciences

School of Pharmaceutical Sciences is Ranked 39th among Top Pharmacy Colleges in India by the Ministry of Human Resource Development, GOI. The School of Pharmaceutical Science 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. Our highly qualified and experienced faculty includes PhDs who enjoy national & 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.


Current Areas of Research

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

Linkages with International Academia and Multinational Pharmaceutical Industries

The School of Pharmaceutical Sciences has a quadruparte alliance with the Pharmacy and Poisons Board (PPB) of the Government of Kenya, Tirupati Medicare Ltd and Kumaun University for joint research.

The School has tied up with Bukovinian State Medical University, Ukraine for students’ exchange and collaborative research. It has also developed alliances with well established concerns like, Venus Remedies Ltd, Zyus Cadila Healthcare Ltd, Fresenius Kabi Oncology Ltd, Akern Labs, Akmembic Ltd, Meridian Ltd, Ozone Ltd Macleods Pharma, Tripaui Medicare Ltd and US Vitamin Ltd for student training and research projects.

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

Academic & Research Scholarships

The School of Pharmacy is recognised for the award of AICTE-GPAT scholarships for the M Pharmacy Programme.

Career Paths

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

Faculty Members

Dr Neeraj Mahindroo
PhD, Post-Doc, St Jude Children’s Research Hospital, USA; Professor & Dean

Dr. Rohit Goyal
Associate Professor; PhD

Dr. Deepak Nandkishore Kapoor
Associate Professor; PhD

Dr Raman Preet Singh
Associate Professor; PhD

Dr Afroz Alam
Assistant Professor; PhD

Dr Poonam Negi
Assistant Professor; PhD

Dr Gunjan Goel
Assistant Professor-cum-Medical Officer; MBBS

Dr Uma Ranjan Lal
PhD, Assistant Professor

Ms Shaila Khah
Assistant Professor; M Pharmacy

Mr Navneet Kumar Upadhyay
Assistant Professor; M Pharmacy

The School has reserch projects from DST, ICMR, DRDO and INMAS. In addition, the School has Industrial projects from Meridian Medicare Ltd and Tirupati Medicare Ltd.

Academic & Research Scholarships

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Faculty Members

Dr Neeraj Mahindroo
PhD, Post-Doc, St Jude Children’s Research Hospital, USA; Professor & Dean

Dr. Rohit Goyal
Associate Professor; PhD

Dr. Deepak Nandkishore Kapoor
Associate Professor; PhD

Dr Raman Preet Singh
Associate Professor; PhD

Dr Afroz Alam
Assistant Professor; PhD

Dr Poonam Negi
Assistant Professor; PhD

Dr Gunjan Goel
Assistant Professor-cum-Medical Officer; MBBS

Dr Uma Ranjan Lal
PhD, Assistant Professor

Ms Shaila Khah
Assistant Professor; M Pharmacy

Mr Navneet Kumar Upadhyay
Assistant Professor; M Pharmacy
<table>
<thead>
<tr>
<th>Faculty of Pharmaceutical Sciences</th>
<th>126</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Academic Programmes</strong></td>
<td></td>
</tr>
<tr>
<td>• B Pharmacy</td>
<td></td>
</tr>
<tr>
<td>• B Pharmacy (Practice)</td>
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<td>• M Pharmacy - Pharmaceutics</td>
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### B Pharmacy

**Eligibility:** Diploma in Pharmacy with at least 55% marks. 
**Duration:** 8 semesters 
**Basis of Admission:** Merit of qualifying examination. 
The course, approved by the Pharmacy Council of India, seeks to enhance the 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 the pharmacist may be entered in the official register of pharmacists.

### M Pharmacy (Pharmaceutics/Pharmacology/Pharmaceutical Chemistry)

**Eligibility:** B Pharmacy with at least 55% marks 
**Duration:** 4 semesters 
**Internship:** One semester in pharmaceutical industry/analytical laboratory for practical experience. 
**Basis of Admission:** Through HPTU Entrance Test/GPAT followed by Personal Interview.

### M Pharmacy Pharmacology

The first 2 semesters are dedicated to theoretical concepts of the pharmacological interventions, molecular targets underlying various
body diseases, advanced experimental techniques: recombinant DNA technology, stem cell biology, gel electrophoresis, bioinformatics etc. statistical interpretations and protocols for evaluation of various medicinal agents against disorders like diabetes, obesity, asthma, cancer, pain, inflammation, arthritis, GII, CVS, CNS and skin disorders to make the students knowledgeable, skilled and competent for their future endeavors. During the last 2 semesters of the programme, the students are encouraged to carry out novel pharmacological research for M Pharmacy and to get it published or patented.

M Pharmacy Pharmaceutical Chemistry

The course M Pharmacy in Pharmaceutical Chemistry comprises of 4 semesters. 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.

M Sc Pharmaceutical Chemistry

Eligibility: B Sc with chemistry as one of the subject OR B Pharmacy; minimum marks 50%.

Duration: 4 semesters

Basis of Admission: By merit of qualifying examination

The course M Sc in Pharmaceutical Chemistry provides in-depth knowledge that enables the students to work more effectively within pharmaceutical industry. The curriculum has been designed to insculcate relevant advanced skills that are essential in the areas of drug discovery, drug design and development of high quality pharmaceutical products. The M Sc in Pharmaceutical Chemistry is also a springboard to research based career.

MBA Pharma & Healthcare

(Jointly with Faculty of Management Sciences and Liberal Arts)

Eligibility: A Bachelor’s degree in Biological/Pharmaceutical/Veterinary/Medical Sciences or Bachelor Degree in Biotechnology/Bioinformatics with at least 50% marks

Duration: 4 semesters

Basis of Admission: Through HPOMAT conducted by HP University, AICTE CMAT, GMAT, CAT, MAT or any other

state or national level Management Aptitude Test, followed by group discussion & personal interview at School of Business Management, Shoolini University.

PhD

Eligibility: Master’s degree in Pharmacy with at least 60% marks

Duration: 6 semesters

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

Criteria for admissions to professional courses shall be in accordance with HP government Notification No. EDN (TE) F (10) 2/2013 dated 13th August 2015.
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 organisation. 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.
M Sc Botany
Eligibility: B Sc with botany as one of the subject; minimum marks 50%
Duration: 4 semesters
Basis of Admission: Through Shoolini University entrance test
(Online facility available)
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 PhD programme.

B Sc (Hons) Zoology
Eligibility: 10+2 (PCB/PCM) with at least 50% marks
Duration: 6 semesters
Basis of Admission: By merit of qualifying examination

I. Scholarship Seats: Students who happen to be among top one percent in Class XII examination with cut-off marks percentage as given in DST Website www.inspire.dst.gov.in for SHE scholarships
II. Non-Scholarship Seats: Minimum Marks 85%
Duration: 10 semesters
Basis of Admission: By merit of qualifying examination

Elite FREE EDUCATION programmes with provision of liberal scholarships under INSPIRE Scheme of Department of Science & Technology, Govt. of India. It shall be supported by limited financial assistance of Rs. 25, 000 from Shoolini University to each of top 10 INSPIRE scholarship holder towards hostel charges. Similarly they shall be supported for PhD.

MSc Environmental Sciences
Eligibility: B Sc with Environmental Sciences/ Chemistry/ Botany/ Zoology/ Microbiology/ Geology/ Geography/ Life Sciences/ Fisheries Science/ B.E.(Civil Engineering)/ Environmental Engineering/ Agriculture/ Physics/ Biotechnology with at least 50% marks.
Duration: 4 semesters
Basis of Admission: Through Shoolini University entrance test
(Online facility available)
Basis of Admission:
Duration:
Eligibility:

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.

The objective is to build a strong background in fauna biodiversity, ecology, physiology, cell and molecular biology, cytogenetics, biochemistry, biotechnology, applied zoology, 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 or Ph.D. Curriculum is oriented towards comprehensive learning for success in National Eligibility Test (NET) along with regular practice tests for continuous development of students

M Phil Botany/ Zoology/ Environment Science
Eligibility: M Sc in concerned or related subject; minimum marks 60%
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.

School of Chemistry
Faculty Members
Dr. Deepak Pathania
Professor and Dean Basic Sciences; PhD
Prof. Ramanand Chauhan
Associate Professor, Msc
Dr. Kalpana Chauhan
Associate Professor; PhD
Dr. Pardeep Singh
Assistant Professor; PhD
Dr. Amit Kumar
Assistant Professor; PhD, NET
Dr. Neeraj Gupta
Assistant Professor; PhD, Post Doc
Dr. Pankaj Thakur
Assistant Professor; PhD, Post Doc
Dr. Pankaj Raizada
Assistant Professor; PhD
Dr Gaurav Sharma
Assistant Professor; Ph.D
Dr Deepika Jamwal
Assistant Professor, PhD
Dr RC Rana
Professor (Adjunct); PhD
Dr Ashwani
Professor (Adjunct); PhD
Dr A N. Kaushal
Professor (Adjunct); PhD
Prof P S. Kahi
Professor of Eminence; PhD
(Oraganic Chemistry
Mr. ML Sharma
Visiting Fellow; MSc & LLB
Prof. S.K.Sharma
Visiting Professor; PhD
Prof. S S.Bari
Visiting Professor; PhD
Dr Alex Ihabdon
Visiting Professor; PhD
Dr. Atul Thakur
Professor;Ph.D, Post Doc; University of Brest, France; Post Doc, National Taiwan University
Dr. Preeti Thakur
Associate Professor; PhD, Post Doc National Taiwan University

B Sc (Hons) Chemistry
Eligibility: 10+2 (PCB/ PCM) with minimum 55% marks
Duration: 6 semesters
Basis of Admission: By merit of qualifying examination

M Sc Chemistry
Eligibility: B Sc with chemistry as one of the subject; minimum marks 50%
Duration: 4 semesters
Basis of Admission: Through Shoolini University entrance test (Online facility available)

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 the problems that face this earth. The objective is to build a strong background in nuclear chemistry, spectroscopy, photochemistry, adsorption & electrochemistry, supramolecular chemistry, medicinal chemistry, metal ligand bonding & magneto chemistry, organic reaction mechanism and pericyclic reactions, thermodynamics and electrochemistry.

It is also 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 Pharmaceutical Chemistry
Eligibility: B Sc with chemistry as one of the subject OR B Pharmacy; minimum marks 50%
Duration: 6 semesters
Basis of Admission: By merit of qualifying examination

The course M Sc in Pharmaceutical Chemistry provides in-depth knowledge that enables the students to work more effectively within pharmaceutical industry. The curriculum has been designed to inculcate relevant advanced skills that are essential in the areas of drug discovery, drug design and development of high quality pharmaceutical products. The M Sc in Pharmaceutical Chemistry is also a springboard to research based career.

School of Materials Science & Physics
Faculty Members
Dr. Atul Thakur
Professor; PhD, Post Doc; University of Brest, France; Post Doc, National Taiwan University
Dr. Preeti Thakur
Associate Professor; PhD, Post Doc National Taiwan University

Academic Programmes
• B Sc (Hons) Chemistry
• M Sc Chemistry
• M Sc Pharmaceutical Chemistry
• M Phil Chemistry
• M Phil Chemistry

PhD Chemistry
Eligibility: M Sc in concerned or related subject; minimum marks 60%
Duration: 6 semesters
Basis of Admission: Through Entrance Test conducted by Shoolini University followed by personal interview

PhD Chemistry
Eligibility: M Sc in concerned or related subject; minimum marks 60%
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.

M Phil Chemistry
Eligibility: M Sc in concerned or related subject; minimum marks 60%
Duration: 2 semester
Basis of Admission: Through Entrance Test conducted by Shoolini University followed by personal interview

PhD Chemistry
Eligibility: M Sc in concerned or related subject; minimum marks 60%
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.

School of Materials Science & Physics
Faculty Members
Dr. Atul Thakur
Professor; PhD, Post Doc; University of Brest, France; Post Doc, National Taiwan University
Dr. Preeti Thakur
Associate Professor; PhD, Post Doc National Taiwan University
B Sc (Hons) Physics
Eligibility: 10+2 (PCB/PCM) with minimum 55% marks
Duration: 6 semesters
Basis of Admission: By merit of qualifying examination

M Sc Physics
Eligibility: B Sc with physics as one of the subject; minimum marks 50%
Duration: 4 semesters
Basis of Admission: Through Shoolini University entrance test (Online facility available)

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.

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.
Other Information

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.

Hostel

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

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

1. The right of admission to the hostels is reserved.
2. Admission to the hostels will be open at the beginning of the session.
3. 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 and attach a duly stamped envelope addressed to his/her parents/guardian.
   b) Satisfaction of the Student Welfare Officer (SWO) regarding proper conduct and regular payment and dues of hostel, mess, and canteen in case of ex residents.
4. Hostel accommodation shall be allotted on the basis of merit.
5. Residents should not keep cash or jewelry or other valuables in the room. Furniture is not to be done to them will be realized from the hostel / institute.
6. Residents should observe strict discipline and regular payment and dues of hostel, mess, and canteen in case of ex residents.
7. Residents permitting or abetting unauthorized occupation of the rooms/ seats shall be liable to expulsion from the hostel.
8. In case of non-payment of dues or violation of anyone of the hostel rules including expulsion from the hostel/ institute.
9. Every resident shall be responsible for the safety of the furnitures/fixtures in the room. Furniture is not to be removed from one room to another. Damage to hostel property is a serious offense; any resident found guilty of damaging hostel property will be liable to disciplinary action as per hostel rules including expulsion from the hostel/institute.
10. Use of electrical appliances, other than permitted ones, is strictly prohibited in the hostel.
11. Residents should observe strict economy in the use of electricity & water. They are required to switch off the lights, fans and other appliances as and when they leave their rooms, common room & dining hall. They should keep the geyser in the bathrooms off when not in use.
12. 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.
13. Parents, friends and visitors are not permitted to stay in resident's room.
14. No resident shall remain absent from the hostel during night without written permission of the warden.
15. Application for leave for 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.
16. If a student residing in the hostel absents from the classes without bonafide reasons, he/she shall be asked to quit the hostel.
17. Hostel charges are to be deposited for the whole academic year at the time of admission. Under special circumstances, it may be paid in maximum of two installments but with the prior permission of the Vice-chancellor. Hostel charges once paid are not refundable. In case a student leaves the hostel with the prior permission of the University Authority, they shall have to pay the room rent for the entire academic year.
18. Failure to comply with the hostel rules may result in a fine and expulsion from the hostel or institute and both depending upon the gravity of the violation. In case of expulsion, the student will forfeit all the deposits & shall not be eligible for any claim.
19. Disrespect to DSW / SWO, Chief Warden & hostel warden will lead to expulsion from the hostel.

Transportation

Transport facilities are available for students and faculty of the university from Solan & surrounding areas such as Nahan, Zero Point (junction of Solan-Oachghat), Kasauli, Panwano, Dharampur, Kumarhatti, Rajgarh and Shimla. Students desiring to avail the bus facility may register with the University’s Accounts Office at City Office, Solan or with the Transport Coordinator, Bajhol Campus. The details of the transportation charges from various places can be obtained from the offices of the Registrar/Admissions/Transport.

Dates for the payment of all fees & other charges
(I) First semester (new admission): At the time of admission
(ii) Subsequent semesters
• 2nd /4th /6th /8th Sem: 10-30 December each year
• 3rd /5th /7th /9th Sem: 10-30 June each year

Registration

1. All students must register with the University after their admission and again at the beginning of each semester (within 7 days).
2. Only those students shall be allowed to register who have paid the full semester fee & 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 by paying an amount Rs. 5,000 till one year.
Refund of Fee
As per UGC norms the refund of fees will be as follows:

<table>
<thead>
<tr>
<th>Percentage of refund of aggregate fees</th>
<th>Point of time when notice of withdrawal of admission 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 formerly notified last date of admissions</td>
</tr>
<tr>
<td>50 %</td>
<td>More than 15 days but less than 30 days after formerly notified last date of admissions</td>
</tr>
<tr>
<td>00 %</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 specified days in a week. Both boys and girls wear white shirt, gray rousers, 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 on 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.

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. Shoolini University has put in to effect in full the anti-ragging regulations of the UGC. Anyone found involved in ragging shall be punished as per these regulations. All students and their parents/guardians are required to submit affidavit (pro forma enclosed) regarding ragging at the time of admission as per UGC Anti-ragging regulations.

Commitment for Safe & Secure Campus
Vice Chancellor Prof PK Khosla has pledged to make the University drugs, alcohol, smoking and ragging free. He solicits the support of all the parents and students to fulfill this pledge.

Shoolini University Approvals/ Recognitions
Established by State Government
Shoolini University is established by the State Act of Government of Himachal Pradesh (Notification No. EDN –A-Gha(8) -10/2006 dated 15th October, 2009).

Recognised by University Grants Commission (UGC)
Shoolini University became an officially recognized university by UGC in February 2011 (UGC F No. 8-1/2010(CCP)-1/PU), dated 7.2.2011).

Approved by Pharmacy Council of India (PCI)
School of Pharmaceutical Sciences is approved by Pharmacy Council of India (S. No. 4/917. www pci nic in)

AICTE Approval
As per law, Universities do not require AICTE approval. Only institutions which are affiliated to Universities require approval. As Shoolini University is a Bonafide University established by a State Act, its courses do not require AICTE apanding of law is notified in the case of Bharathidasan University vs AICTE.

NAAC Accredited
B ++ Grade from National Assessment and Accreditation Council, Bangalore

Anti-Ragging Committee
Members with their Phone Numbers
Prof Ravneet Chauhan, Convener
Mr Preveen Vasisht, Co- Convener
Col IPS GB, Director Operations
Dr Navej Gandotra, Chief Warden
SDM Sidan (Nominee of District Administration)
Dr (Mrs) Preeti Thakur, Hostel Warden
Dr (Mrs) Kalpana Chauhan, Associate Prof (Chemistry)
Mr Vivek Kanwar, Hostel Warden
Ph. 094180-92694
Ph. 098160-34277
Ph. 099888-53703
Ph. 0179-2223707
Ph. 094182-74912
Ph. 094181-70431
Ph. 094593-68088
Ph. 098179-35162

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How to Apply for Admission?

1. The First Step is to satisfy yourself about your eligibility for the course you have chosen to pursue at the Shoolini University.
2. Procure the Shoolini University's Prospectus by any of the following means:
   - By Hand at Shoolini University City Office (The Mall, Solan) Counter/ University's Bajhol Campus – FREE.
   - By Post: A candidate can send a request at 'Shoolini University, Post Box 9, The Mall, Solan – FREE.
   - Download FREE at www.shooliniuniversity.com
3. Submit the duly filled Admission Form available in Information Brochure and at www.shooliniuniversity.com 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).
4. Attach self attested photocopies of all academic certificates, testimonials and 3 passport size photographs with the Admission Form.

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 airport is at Chandigarh and Shimla
By Rail: The nearest broad gauge railway station is at Kalka, while the closest narrow gauge rail station is at Solan.

Fee Structure for Academic Year 2017-2018

<table>
<thead>
<tr>
<th>ANNUAL TUITION FEE* (Rs)</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Refundable Caution Money of Rs 10,000/- is to be deposited for each course</td>
<td></td>
</tr>
<tr>
<td>2. Additional 1% of tuition fee shall be payable as PERC Fund charges</td>
<td></td>
</tr>
<tr>
<td>B Tech</td>
<td>1,25,000</td>
</tr>
<tr>
<td>BBA</td>
<td>65,000</td>
</tr>
<tr>
<td>B Pharmacy</td>
<td>95,000</td>
</tr>
<tr>
<td>B Pharma (Practice)</td>
<td>45,000</td>
</tr>
<tr>
<td>BA (Hons) English</td>
<td>45,000</td>
</tr>
<tr>
<td>BA Journalism &amp; Mass Communication</td>
<td>50,000</td>
</tr>
<tr>
<td>B Sc (Hons) Biotech/ Microbiology/ Botany/ Physics/ Chemistry/ Zoology/ Food Technology</td>
<td>65,000</td>
</tr>
<tr>
<td>B Sc (Hons) Mathematics, Statistics</td>
<td>60,000</td>
</tr>
<tr>
<td>B Sc (Hons) Agriculture</td>
<td>75,000</td>
</tr>
<tr>
<td>B Sc (Hons) Yoga Sciences</td>
<td>75,000</td>
</tr>
<tr>
<td>Integrated B Sc (Hons) &amp; M Sc Elite Programme</td>
<td>70,000</td>
</tr>
<tr>
<td>BA LLB</td>
<td>1,75,000</td>
</tr>
<tr>
<td>LLB (Hons)</td>
<td>2,25,000</td>
</tr>
<tr>
<td>B Sc Hospitality &amp; Hotel Administration</td>
<td>90,700</td>
</tr>
<tr>
<td>M Sc Biotechnology/ Microbiology</td>
<td>90,000</td>
</tr>
<tr>
<td>M Sc Botany/ Zoology/ Chemistry/ Pharmaceutical Chemistry/ Math/ Statistics/ Environmental Science/ Food Technology</td>
<td>85,000</td>
</tr>
<tr>
<td>MBA</td>
<td>1,70,000</td>
</tr>
<tr>
<td>MBA (Executive)</td>
<td>2,50,000</td>
</tr>
<tr>
<td>PGDBM</td>
<td>3,00,000</td>
</tr>
<tr>
<td>MA English Literature</td>
<td>60,000</td>
</tr>
<tr>
<td>M Pharmacy</td>
<td>1,15,000</td>
</tr>
<tr>
<td>M Tech</td>
<td>1,15,000</td>
</tr>
<tr>
<td>M Phil</td>
<td>95,000</td>
</tr>
<tr>
<td>PhD (ECE/ ME/ CSE/ Civil/ Economics/ Management Sci.)</td>
<td>95,000</td>
</tr>
<tr>
<td>PhD (Basic Sciences/ Biotech/ Microbiology/ Environmental Sciences Food Tech/ Pharmaceutical Sciences)</td>
<td>1,25,000</td>
</tr>
</tbody>
</table>

*Under Review
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 airport is at Chandigarh and Shimla
By Rail: The nearest broad gauge railway station is at Kalka, while the closest narrow gauge rail station is at Solan.

Shoolini University of Biotechnology & Management Sciences
Main Campus Oachghat - Kumarhatti Road, Dist Solan, HP
City Office The Mall, Solan - 173212, HP
Mailing Address Post Box No. 9, Solan - 173212
Phone/Fax 01792 - 308000

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

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