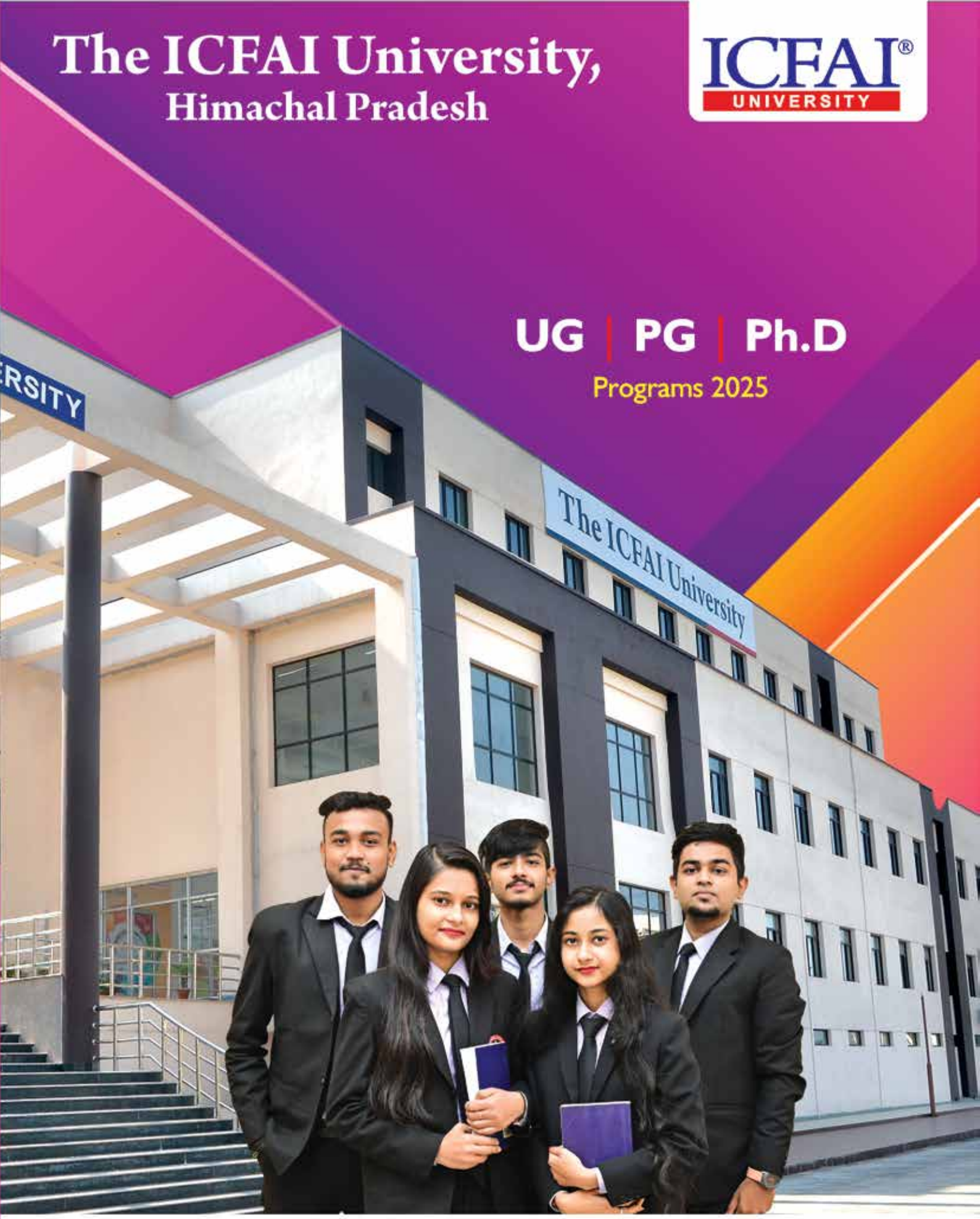
The ICFAI University, Himachal Pradesh

ICFAI® UNIVERSITY

UG | PG | Ph.D

Programs 2025



ICFAI® GROUP

• 11 Universities • 9 B-Schools • 9 Law Schools • 7 Tech Schools • 3 Pharma Schools • 3 Decades in Flexible Learning

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Message from the Vice-Chancellor

Welcome to the ICFAI University, Himachal Pradesh. A pivot to opportunity, progress and achievement. An Institution, where excellence and honesty are a passion; a community that is built on the bedrock of affable relationships between the Staff, Students, Families and among the Students themselves and a palladium to shape Students' glorious future. Ever since its inception, we have been adding badges of glory to our prestigious Institution and the University is emerging as an Institution of quality learning with integrated academic Programs.

The ICFAI University aims to deliver a multi-disciplinary world-class education through effective and efficient methods to make it accessible to all the sections of the Society. Sprawling over 47 acres and nested in the foothills of the beautiful Shivalik Mountains, it is replete with lush green lawns and trees, beautifully landscaped gardens, magnificently designed Buildings, Smart Classrooms with ACs, a Moot Court, well-equipped Lab.oratories, Workshops, Computer Lab.s, a Central Library, Departmental Libraries, Trainings, Placements and a Skill Development Centre, a Counselling Centre, a Conference Hall, an Examination Wing, an Auditorium, Hostels- both for Boys and Girls, Transport Facility- both for the Students and the Staff, a First-Aid Medical Room, 24X7 Wi-Fi, ROs and Water Purifiers for the Clean Drinking Water, Common Rooms, Playgrounds and the Sports Facilities, a Gymnasium, a dedicated N.S.S. Unit, a dedicated Nursery for Plants, Gen-set Facility, a Cafeteria and a neat, clean and a green Campus.

The ICFAI University, Himachal Pradesh endeavors to empower Students from all walks of life by using diverse pedagogical tools such as the Mentor-Mentee Programs, Fieldwork, Internship Programs and Social Entrepreneurship Skills. It is known for its commitment to the cause of Higher Education, keeping the aspects of equity, access, quality, affordability and accountability as the uppermost considerations. The curriculum of the University has been prepared carefully. It is also continually updated as per the needs of the Academia and the Industry, the Corporate Sector and the Research Organizations and resonates with the New Education Policy, 2020.

The Students at The ICFAI University are a community of enthusiastic learners. They endeavor to achieve greater accomplishments as part of a productive and knowledgeable academic community. Here, the Education extends far beyond traditional classroom boundaries, as we strive to elevate the learning process beyond simple recitation of the information and the statistics. Additionally, we offer a unique array of extracurricular opportunities designed to complement the academic pursuits, enriching Students' experiences and fostering skill development. Our aim is to empower individuals through a holistic education approach, evident in activities such as the Street Plays, Fieldwork, Business Simulations and the various other co-curricular engagements.

At our University, we all nurture a common vision of making it the preferred choice of the 21st Century learners. We constantly strive to establish and foster linkages with other renowned Institutions to broaden the prospects of our Students. The successful affiliations have already enriched our diverse culture and reinforced ethical values at every step of our endeavors. It also brings in the requisite academic rigor.

We wish that you achieve numerous remarkable and successful accomplishments in the near future.

Prof. Keshav Sharma

The ICFAI Group

Pioneering professional education for over 35 years

ICFAI was established in 1984 as a not-for-profit society with the broad objective of empowering citizens through world class quality education. The Institute announced its arrival into the Indian education fora by launching a high end, innovative professional program in financial analysis in 1985. The Program was first-of-its-kind in India, aimed at equipping students and working professionals with cutting-edge knowledge in contemporary areas of finance. Since its establishment, ICFAI Group has made a significant mark in the Indian educational field with a pan-Indian network and presence.

Innovation has been the mainstay of ICFAI Group with innovation prevalent in its programs and even its culture. Subsequently, there was a big leap when ICFAI Group started its chain of business schools (IBS) across India in 1995 to offer management program. Since its inception, IBS has been consistently ranked among the top ranked B-Schools of India providing excellent academic delivery and infrastructure to its students and transforming them into leaders for the future.

Another example that is a testimony to the culture of innovation is the introduction of Case Study methodology at IBS. The Case Research Center at IBS has become a center of excellence and has won several accolades across the world.

ICFAI Group has 2 Strategic Institutional Units, the ICFAI Universities and the ICFAI Business Schools. In all the programs offered across these units, the emphasis is on adherence to academic rigor and differentiated curriculum that bridges the industry-academia gap.

ICFAI Group focuses on learning rather than instruction. In addition, the institute is engaged in important areas of research covering environmental sustainability, agricultural economics, health policy, financial economics, banking, intellectual property rights etc. There have been path-breaking research and good quality publications in these areas.

Flexible and tech enabled learning also plays an important role in ICFAI's teaching methodology. The delivery takes place with the use of hi-tech learning management system at campus programs and content delivery for distance learning through online medium.

ICFAI Group practices the value of academic integrity at all levels. As a policy, admissions are purely based on merit and there is nothing like capitation fee et al. The fee payable is published in the application material and that remains unchanged.

The ICFAI Group's culture of teaching and learning supports and fosters intellectual and personality development among its graduating students. They carry an attitude of ownership of their work. ICFAI Group strives to make the students - DOERS. The programs are designed such that the students & professionals graduating from the institution have the ability to take risks, make decisions and own the work. ICFAI Group system, strongly believes in developing an 'entrepreneurial mindset' among its graduating students.

At ICFAI, students inculcate research and analytical orientation due to its institutional strength and support for the research and development activities. Holistically, the student undergoes a transformative change.

The alumni of ICFAI Group are working in renowned companies world-wide. Collectively, ICFAI Group alumni contribute significantly to the growth story of India.

Awards won by The ICFAI Group

Founder's Profile

N J Yasaswy

(1950-2011)

Mr. N. J. Yasaswy (1950-2011), founder of the ICFAI Group of educational institutions and a pioneer in promoting higher education in the private sector had a brilliant academic career: B.Com (Andhra University 1969 – First Rank), CA Inter (May 1971 – First Rank), CA Final (May 1973 – First Rank), ICWA Inter (July 1970 – First Rank) and ICWA Final (July 1972 – First Rank). He was the recipient of the Basu Foundation Award for the Best Student of the Year from both – The Institute of Cost and Works Accountants of India (in 1972) and The Institute of Chartered Accountants of India (in 1973).

During 1974-1980, Mr. Yasaswy was associated with the Administrative Staff College of India as a Faculty Member. In 1981, he started his consultancy firm, Yasaswy Management Associates Private Limited. Hyderabad.

Mr. Yasaswy was appointed by the Government of Andhra Pradesh as Chairman, Andhra Pradesh State Trading Corporation (1985–88), and Vice-Chairman, Public Enterprises Management Board (1986–88). He was a visiting faculty member at the Indian Institute of Management-Ahmedabad (1986-88) and was nominated as a Member of the SEBI Committee on Accounting Standards. He was a member of the Board of Directors of the Association of Certified International Investment Analysts (ACIIA), Switzerland. He authored several books on finance and investments.

Mr. Yasaswy set up the ICFAI as a single institute in 1985 without governmental sops or institutional funding, in an era where government support was the norm. He chose to spend all his energy on the fledgling institution which over the years grew to become a monument to what ambition can deliver. He was instrumental in building several business schools and universities in the developing states of India, particularly in the North-East region. He stood for professional management, excellence in the quality of education offered in the ICFAI institutions, and absolute discipline.

He was charismatic, a great teacher, an institution builder, a visionary and a genius who was years ahead of his time. His vision will continue to guide ICFAI forever.

The ICFAI Universities

ICFAI has established 11 Universities across India. The ICFAI Universities are located at Hyderabad [The ICFAI Foundation for Higher Education (IFHE), which is a Deemed-to-be University], Himachal Pradesh (Baddi), Dehradun, Jaipur, Jharkhand, Meghalaya, Mizoram, Nagaland, Raipur, Sikkim and Tripura.

The ICFAI Foundation for Higher Education, Hyderabad

The ICFAI University, Tripura

The ICFAI University, Dehradun

The ICFAI University, Raipur

The ICFAI University, Jaipur

The ICFAI University, Himachal Pradesh (Baddi)

The ICFAI University, Nagaland

The ICFAI University, Sikkim

The ICFAI University, Jharkhand

The ICFAI University, Mizoram

The ICFAI University, Meghalaya


The ICFAI University

The ICFAI University, Himachal Pradesh

The ICFAI University, Himachal Pradesh has been established under the provisions of the Institute of Chartered Financial Analysts of India University (Establishment and Regulation) Act 2011 (Act No. 43 of 2011) passed by the Legislative Assembly of Himachal Pradesh on June 17, 2011. The University is sponsored by The ICFAI Society - a not-for-profit educational Society established in the year 1984.

Campus Infrastructure:

The University campus is in the Educational Hub at Baddi, Himachal Pradesh. It has 2 lakhs sq.ft. built-up area with Academic blocks and Classrooms with the latest audio-visual equipment. Other facilities include a well-equipped library, labs and computer center. The entire campus is Wi-Fi enabled.

Awards won by The ICFAI University, Himachal Pradesh:

- **Outstanding University in Innovative Teaching and Learning Practices 2024 - *Observe Now***
- **Promising Private University for Industry - Liaisoning 2023 - *Education Post***
- **Outstanding University in Innovative Teaching and Learning Practices 2023 - *Observe Now***
- **Best Private University in Himachal Pradesh for Teaching Learning Pedagogy 2021 - *FWA Industry Council***

Programs: The University offers career-oriented Educational Programs at UnderGraduate, Postgraduate and Doctorate level in Management, Commerce, Law, Information Technology, Pharmacy and Science & Technology.

UG Programs	
B.Tech (CSE |Civil | CSE DD & AI | CSE (IoT) | Mechatronics) B.Pharmacy	4 years
B.Tech (LE) | B.Pharmacy (LE) | B.Com | BCA | BCA (Data Science) | BCA (Cyber Security) | BCA (AI & IOT) | LL.B. | BBA BBA (Logistics) | BA (English) | BA (Sociology) | BA (Psychology) BA (History) | BA (Political Science) | B.Sc. (Non Medical) B.Sc. (Medical)	03 / 04 years
BA-LL.B. (Hons.) | BBA-LL.B. (Hons.)	5 years
PG Programs	
MBA | M.Com | MCA | M.Sc (Physics | Chemistry | Maths Botany | Pharmaceutical Chemistry)	2 years
Doctoral Programs	
Ph.D in Physics, Chemistry, Mathematics, Management, Commerce, Computer Science & Engineering and Pharmaceutical Sciences	Min 3 years (Full time)

Note: The right to offer or not to offer a particular Program/Course rests with the University.

Semester System:

The University follows the semester pattern for all its programs. Each academic year consists of two semesters and a summer term. Continuous evaluation through monthly tests, assignments and quizzes etc., along with an end semester examination is conducted for each semester.

Medium of Instruction:

The medium of instruction for all programs is English.

Elective Courses:

The academic structure of the program provides students with an opportunity to choose elective courses from the bouquet of courses offered by the University. The actual offering of the electives will however depend on an optimal number of students opting for the same elective. It is up to the University to offer or not to offer a particular elective course.

Medals:

Students securing the first rank and the second rank on completion of their programs will be awarded Gold and Silver Medals respectively.

Scholarships:

Scholarships are offered to Meritorious Students.

Student Handbook:

Students will be supplied with a Student Handbook containing all rules and regulations of the respective programs including detailed curriculum, electives, academic calendar, the code of conduct, etc.

Award of Degree:

After the successful completion of the program, the students will be awarded a Degree in their respective discipline by the University subject to the Rules/ Regulations of the University.

Faculty of Management Studies (FMS)

The Faculty of Management Studies (FMS) is a constituent of The ICFAI University, Himachal Pradesh. The FMS offers Management and Commerce Programs with the latest pedagogy at the UG, PG & the Doctoral levels. The Programs at the FMS include BBA, Apprenticeship Based BBA in Logistics, B.Com, MBA and the M.Com Programs. The FMS is focused on creating the leaders for tomorrow.

Courses Offered at the Faculty of Management Studies(FMS)

- Bachelor of Business Administration- BBA
- Apprenticeship-based Bachelor of Business Administration in Logistics- BBA Logistics
- Bachelor of Commerce- B.Com
- Master of Business Administration- MBA
- Master of Commerce- M.Com

Strengths of Faculty of Management Studies

- Qualified Faculty Members from the Central and the State Universities.
- Located in a Serene Environment
- Excellent Placement support
- A Strong Alumni Network
- Curriculum with a strong emphasis on creativity and Research
- Integrative Business and Management Courses meeting the Industry standards.
- Problem Based learning and an active learning approach
- Curriculum Aligned with the National Education Policy (NEP) -2020
- Industry-Relevant and Future Oriented Curriculum
- Experiential Learning through the Case Studies Methods and through Projects
- Student-Centered Learning Approach

The BBA Program

The ICFAI University offers a regular BBA Program i.e. the Bachelor of Business Administration. It is a professional Undergraduate Degree that endeavors to develop in the Students an insight into the basics of Business and Management. The BBA Program nurtures the Students and equips them with the strong foundational skills and knowledge in Management. It combines contemporary Coursework with the practical applications through which the Students are able to learn as to how to solve the complex Management problems effectively with a 'Think global and act global' perspective. Following this process, the Students can acquire a high level of knowledge and skills that will help them excel in the competitive world and consequently contribute to the Society. It also prepares the Students to pursue the MBA Programs in the due Course.

Duration:

03/04 years (06/08 Semesters)

The Students will be awarded with a Certificate after completing 01 Year (02 Semesters) of study in the chosen field of study, a Diploma after 02 Years (04 Semesters) of study, a Bachelor's degree after 03 Years (06 Semesters) Program of study & a Bachelor's degree with Honours/ Honours with Research after the completion of a 04-Year Program.

Eligibility:

The Applicant should have passed in Class XII (or an equivalent Examination) in any discipline with an aggregate of 45% and above marks. Class XII Students awaiting the final year Examination results are also eligible to apply.

Program Structure:

The BBA Program is organized into 6/8 Semesters spread over a duration of 3/4 years. Students are also required to do their summer internship after the completion of the 2nd Year of the Program. The Program covers core courses, electives, are inter-disciplinary, promote ability enhancement and skill enhancement and also include the value-added courses.

Program Structure of Bachelor of Business Administration - BBA		
Year-I	**Semester-I**	**Semester-II**
	• Principles of Management • Computer Applications in Business Processes • Statistics • Effective English Communication • Fundamentals of Soft Skills • Personal & Family Health and Wellness • Understanding India	• Principles of Economics • Fundamentals of Information Security • Introduction to Psychology • Functional English • Digital Skills • Human Values and Professional Ethics • Human Society in the Natural • Environment: Sustainability Issues
Year-II	**Semester-III**	**Semester-IV**
	• Fundamentals of Accounting • Introduction to Marketing • Business Laws / Knowledge Management • Introduction to Philosophy • Academic Reading and Writing	• Financial Management • Organizational Behavior • Quantitative Business Methods • Data Science for Managers • Corporate Laws/ Business Process Re-Engineering • Introduction to Modern Indian Language • SWAYAM
	Summer Internship Program	
Year-III	**Semester-V**	**Semester-VI**
	• Management Accounting • Human Resource Management • Business Environment • Broject Management • DSE	• Business Strategy • Operations Management • Leadership and Change Management • Industrial and Business Domain Analysis • DSE
Year-IV	**Semester-VII**	**Semester-VIII**
	• Management Control Information System • Management Research Project -I • DSE -1 • DSE -2 • Advanced Computing Techniques	• Design Thinking • Management Research Project –II • DSE-1 • DSE -2 • DSE

The program structure is tentative, subject to change (if required)

Electives for IV Year: **Finance:** Security Analysis, Financial Risk and Derivatives Management, Banking and Financial Services, Financial Statement Analysis, Financial Analytics, Strategic Financial Management, Portfolio Management, FinTech, Project Appraisal and Finance, Financial Analytics, Wealth Management, Principles and Practices of Banking, Business Taxation, Bank Products and Services, Derivatives and Risk Management, Financial Markets and Services, Goods and Service Tax, International Business Management. **Human Resource:** Talent Acquisition & Management, Training and Development, HR Analytics, Introduction to Labour Codes, Diversity and Inclusion, Compensation and Benefits, Organizational Development, International HRM, Technology in HR, The future of work **Marketing:** Services Marketing, B2B Marketing, Introduction to Marketing Analytics, Brand Management, Marketing Communication, Introduction to Sales Management, Strategic Marketing, Marketing Technology, Managing Business Platform, Introduction to Digital Marketing, Consumer Behaviour. **IT:** Emerging Technologies for Future Managers, Decision Support Systems, Basics & Applications of AI in Business Environment, Business Analytics, Data Mining, Managing IT enabled Services, Machine Learning for Future Managers.

Apprenticeship based BBA Logistics Program

The Apprenticeship based BBA (Logistics) Program is taught in collaboration with the Logistics Sector Skill Council (LSC) established by the Ministry of Skill Development and Entrepreneurship (MSDE), Government of India.

The BBA in Logistics Management is a three-year Undergraduate Course in Management focusing on the activities related to planning, execution and control of the smooth and consistent flow of goods. This Undergraduate Program incorporates both the theory and the practical sessions to give the Students a generous head start on the career ladder. Upon the completion of the Course, the Students can either pursue the post-graduation in the same discipline or establish a career elsewhere in the business world.

Duration:

Three Years (Six Semesters)

Eligibility:

An Applicant should have passed in Class XII (or an equivalent Examination) in any discipline with an aggregate of 45% and above marks (40% for the SC/ST category). The Class XII Students awaiting the final Year Examination results are also eligible to apply.

Program Structure:

The Apprenticeship based BBA Logistics is an Industry Integrated Degree Program which has been organized in Six Semesters spread over a duration of Three Years. Semesters I, II, III and IV are the teaching Semesters along with the specializations. In the last two Semesters, the Students shall be studying the MOOCs and the Allied Courses and undergo Apprenticeship at a Logistics Company.

Allied Courses- MOOCs

- Warehouse Automation
- Best Practices in Transportation
- Inland Waterways & Costal Shipping
- Courier, Express & Parcel Services
- In plant Logistics
- Documentation for Exports & Imports

Specialization Modules

Group A – Aviation

- Introduction to Aviation Industry & Airport Operations
- Introduction to Air Cargo Industry

Group B – E-Commerce

- First Mile Operations
- Last Mile Operations

Group C – Land Transportation

- Multimodal Transportation
- Commercial Aspects of Transportation

Apprenticeship Based BBA (Logistics) Program Structure		
Year-I	**Semester-I**	**Semester-II**
	• English • Business Economics • Fundamentals of Logistics • Principles of Management • Business Statistics • Materials Management • Warehousing & Distribution Centre Operations	• Environmental Studies • Business Communication • Freight Forwarding (Ocean & Air Cargo) • Forecasting and Inventory Management • Surface Transportation • Human Resources Management • Management and Cost Accounting
	Summer Internship Program - I	
Year-II	**Semester-III**	**Semester-IV**
	• MIS for Logistics • International Logistics Management • Marketing Management • Retail Logistics and E-Commerce • Word & Presentation Tools - Practical • Life Skill Development - Practical • Liner Logistics	• Port Terminal Logistics • Data Analysis using Spread Sheet • Commercial Geography • Logistics Network Design • Logistics 4.0 • Specialisation Module – Course I • Specialisation Module – Course II
	Summer Internship Program - II	
Year-III	**Semester-V**	**Semester-VI**
	• Allied course - MOOC • Allied course - MOOC • Apprenticeship – I	• Allied course - MOOC • Allied Course - MOOC • Apprenticeship – II

The program structure is tentative, subject to change (if required)

The B.Com Program

The ICFAI University offers a Three-Year regular B.Com Course. The Program provides knowledge to the Students in the distinct areas of Business, Accounting and Finance.

The Program also encourages the Students to learn through the practical knowledge which is imparted. It offers an opportunity to the Students to imbibe business skills. In the process, the Students can acquire a high level of knowledge and skills that help them in excelling in the competitive world and thereby contributing to the Society. It also prepares the Students to pursue their M.Com or the MBA Programs in the due Course.

Duration:

03/04 years (06/08 Semesters)

The Students will be awarded with a Certificate after completing 01 Year (02 Semesters) of study in the chosen field of study, a Diploma after 02 Years (04 Semesters) of study, a Bachelor's degree after 03 Years (06 Semesters) Program of study & a Bachelor's degree with Honours/ Honours with Research after the completion of a 04-Year Program.

Eligibility:

The Applicant should have passed in Class XII (or an equivalent Examination) in any discipline with an aggregate of 40% and above marks

Program Structure:

The B.Com Program is organized into 6/8 Semesters spread over a duration of 3/4 Years. The University follows a Credit-based Semester system of teaching-learning and evaluation. During the 5th and the 6th Semesters, the Students are exposed to elective Courses from their chosen fields of specialization. These elective Courses provide an understanding to the Students of the specialized fields. The Students are required to pursue a minimum of 4 elective Courses during the B.Com Degree Program. The Programs provide a wide choice of electives from different areas.

B.Com Program Structure		
Year-I	**Semester-I**	**Semester-II**
	• Financial Accounting • Principles of Economics • Mathematical Thinking • Effective English Communication • Fundamentals of Soft Skills • Personal & Family Health and Wellness • Understanding India	• Corporate Accounting • Business Environment • Introduction to Psychology • Functional English • Digital Skills • Human Values and Professional Ethics • Human Society in the Natural
Year-II	**Semester-III**	**Semester-IV**
	• Cost Accounting • Financial Management • Principles of Management • Business Laws • Academic Reading and Writing	• Computerized Accounting • Management Accounting • Auditing • Statistics • Human Resource Management • Introduction to Modern Indian Language • SWAYAM
Year-III	**Semester-V**	**Semester-VI**
	• Indian Financial System • Corporate Law • Banking Theory & Practice • Direct Taxes • Marketing Management • Business Analytics using SAS, R, Python	• Financial Control System • Indirect Taxes • Financial Reporting • Accounting Analytics • Operations Management
Year-IV	**Semester-VII**	**Semester-VIII**
	• Project Appraisal & Finance • Business Ethics & Corporate Governance • DSE -1 • DSE -2 • Business Strategy	• International Finance Management • M R Project • DSE -1 • DSE -2 • Design Thinking

The program structure is tentative, subject to change (if required)

Electives for VI Year: Finance & Capital Markets: Investment Management, Financial Statement Analysis. **Accounting & Auditing:** Corporate Audit & Assurance, Financial Statement Analysis. **Banking & Insurance:** Risk Management in Banks, Principles & Practices of Insurance. **Taxation & Law:** Tax Planning & Wealth Management, Securities Laws. **Analytics:** Computer Programming, Data Analytics and Mining.

The MBA Program

The ICFAI University offers a Two-Year regular Master of Business Administration (MBA) Course with different specializations and electives. The Master of Business Administration Program is designed to blend learning with development and sharpening of the conceptual and the analytical skills in Business Management. The emphasis is on the Management Education with an aim to develop a "Learning Manager" who adapts to the contemporary Business environment.

Duration:

02 Years (Four Semesters)

Eligibility:

An Applicant should have passed the graduation in any discipline and should have passed each paper with 50% and above aggregate marks along with having qualified the CMAT or having any other eligibility criteria to his/her credit as prescribed by the Regulatory Bodies. The Students awaiting the final year Examination results are also eligible to apply. The Students should enclose an attested copy of the CMAT or any other test scorecard for the purposes of admission to the MBA Program.

Program Structure:

The Program is organized into 04 Semesters spread over a duration of 02 years. The Students are required to undergo a Summer Internship Program after Semester II of the Course.

Specializations:

- Supply Chain Management
- Human Resources Management
- Finance Management
- Marketing Management
- Digital Marketing

	MBA Program Structure	
Year-I	**Semester-I**	**Semester-II**
	• Management Practices and Organizational Behavior • Managerial Economics • Statistics for Managers • Accounting for Managers • Business Environment • Business Communication • Computer Applications in Management	• Marketing Management • Human Resource Management • Financial Management • Business Research Methods • Legal aspects of Business • Production and Operation Management • Life Skill Development - Practical • Seminar Presentation & Comprehensive Viva Voce
	Summer Internship Program	
Year-II	**Semester-III**	**Semester-IV**
	• CSR &Human values and ethics • Business Policy & Strategic Management • Summer Internship Project report • Elective-I • Elective-II • Elective-III • Elective-IV	• Entrepreneurship Development • International Business • Major Research Project • Elective-V • Elective-VI • Elective-VII • Elective-VIII • Seminar and Comprehensive Viva Voce

The program structure is tentative subject to change (if required)

Specialization Modules for Semester III and IV: Finance: Quantitative Analysis of Financial Decisions, Behavioral Finance, Financial Services & markets, Forex Management, Strategic Financial Management, Security Analysis & Investment Management, Financial Engineering, Project Planning and Management, Corporate Restructuring & Control, Portfolio Management, Insurance and Risk Management, Private Equity and Wealth Management. **Human Resource:** Organization Change and Development, International HRM, Compensation and Performance Management, Industrial Relations, Labor Laws, Industrial Psychology, Knowledge Management, Human Resource Information Systems, Competency-Based HRM Systems, Human Resource Planning, Conflict and Negotiation Management, HR Analytics.**Marketing:** Consumer Behavior, Retail Marketing, Advertising Management, Product and brand Management, Services Marketing & CRM, International Marketing, Marketing Research, Industrial Marketing, Agricultural and Rural Marketing, Sales & Distribution Management, Marketing of non-profit organization, Quantitative Models in Marketing. **Supply Chain Management:** Supply Chain Concepts & Planning, Materials Management, Forecasting and Inventory Management, Retail Logistics and E–Commerce, Supply Chain Information System, Vendor Managed Inventory, Logistics Concepts and Planning, Transportation & Distribution Management, Air Cargo Management, Inland Waterways Management, Multimodal Transportation Management, Purchasing and Strategic Sourcing. **Digital Marketing:** Digital Business, Technology Competition and Strategy, Search Engine Marketing, Content and Affiliate Marketing, Fundamentals of Marketing and Digital Markets, Digital and Social Media Marketing, Search Engine Optimization, Search Engine Marketing and Affiliate Marketing, Content Marketing, Web Design and Development, Marketing for Digital Economy, Cyber Laws and Cyber Crimes.

The M.Com Program

The ICFAI University offers a Two-Year Regular Master of Commerce Program which focuses on the field of Accounting, Finance, Taxation and the other emerging areas.

This Program imparts the Students with the knowledge of Accounting, Banking and Financial Management and enhances their skills in these domains. The M.Com Program prepares the Students with the knowledge, skills and the strategic perspectives which are essential for the Business leadership and a managerial career in the competitive Corporate world.

Duration:

02 Years (Four Semesters)

Eligibility:

An Applicant should have passed in Graduation in Commerce with 50% and above aggregate marks. The Students awaiting the final year Examination results are also eligible to apply.

Program Structure:

The Program is organized into 4 Semesters spread over a duration of 02 years. Apart from the Theory Classes, Subject Assignments, Project Work, Internships and the Research work are also promoted. The Students are given the opportunity to attend the workshops and seminars to enrich their contemporary knowledge.

	M.Com Program Structure	
Year-I	**Semester-I**	**Semester-II**
	• Managerial Economics • Managerial Accounting • Business Statistics • Marketing Management • Management Practices and Organization Behaviour • Business Communication	• Financial Management & Policy • Legal Aspects of Business • Operation Research • Research Methodology • Project Planning and Analyses • Business Environment • Viva Voce
Year-II	**Semester-III**	**Semester-IV**
	• Strategic Management • Corporate Tax Structure and Planning • Financial Institutions and Markets • Security Analysis and investment Management • Industrial Relation and Labour Management • Computer Applications in Accounting and Costing • Seminar	• Corporate Governance and Business Ethics • Entrepreneurship Development • International Financial Management • Management of Financial Services • Management Control System • International Business • Viva Voce

The program structure is tentative, subject to change (if required)

Faculty of Liberal Arts (FLA)

TThe Faculty of Liberal Arts at the ICFAI University, established in 2020, is renowned for its innovative and interdisciplinary approach to Education at a global level, emphasizing reasoning. Liberal Arts encompasses various fields, including History, Political Science, Economics, Sociology, Media, Culture, Gender Studies, Literature and Communication. In line with the philosophies of Plato and Aristotle, the Faculty of Liberal Arts at the ICFAI University views education as a quest for the truth in its purest form.

The primary focus is on the shaping of an individual's identity and their comprehension of the societal landscape. It goes beyond mere communication and skill enhancement, delving into a critical analysis of life's complexities. Liberal Arts education harmonizes both the Philosophical and the Practical approaches, with a strong emphasis on the Research orientation.

Courses Offered at FLA

- B.A. English- Bachelor of Arts in English
- B.A. Psychology- Bachelor of Arts in Psychology
- B.A. Sociology- Bachelor of Arts in Sociology
- B.A. History- Bachelor of Arts in History
- B.A. Political Science- Bachelor of Arts in Political Science

Strengths of FLA

- Well-qualified Faculty members with a strong emphasis on creativity and research.
- Good placements coupled with dynamic institute-industry interaction.
- Excellent ambience for teaching and learning
- Special focus on communication skills and soft skills
- Special orientation towards graduation-based jobs like SSC, HSSC, HPSSC, Banking, Civil Services, Journalism, Media Houses, Translator, B.Ed., etc.
- Curriculum Aligned with the National Education Policy (NEP) -2020
- Student-Centered Learning Approach

The BA (English) Program

The ICFAI University offers B.A. English Program, emphasizing the development of skills and intellectual growth by providing practical insights into literature. This campus-based Program aims to impart comprehensive knowledge and a broad understanding of the subject. The Program focuses on various areas within the field of English Literature, equipping Students with the necessary skills to excel in their professional lives beyond the University. This Program amalgamates creativity, innovation and discovery.

Duration:

03/04 years (06/08 Semesters)

The Students will be awarded with a Certificate after completing 01 Year (02 Semesters) of study in the chosen field of study, a Diploma after 02 Years (04 Semesters) of study, a Bachelor's degree after 03 Years (06 Semesters) Program of study & a Bachelor's degree with Honours/ Honours with Research after the completion of a 04-Year Program.

Eligibility:

An Applicant should have passed Class XII (or an equivalent Examination) in any discipline with an aggregate of 40% or higher marks. Students awaiting the results of their final year Examinations in Class XII are also eligible to apply.

Program Structure:

The curriculum is primarily contemporary and innovatively designed in consultation with the academicians and the professional experts, following the guidelines of the UGC. The Program spans over 06/08 Semesters and is spread over 03/04 years. It aligns with the New Education Policy 2020. Students are introduced to the Skill Enhancement Courses, Discipline-Specific Courses, Ability Enhancement Compulsory Courses (AECC) and the Generic Elective Courses.

BA (English) Program Structure		
	Semester-I	**Semester-II**
Year-I	• Introduction to prose • Introduction to Drama • Modern Indian Writing in English Translation • Academic Writing • From University's VAC Pool	• History of English Literature • Introduction to Fiction • Analytical Reading and Writing • Creative writing • From University's VAC Pool
	Semester-III	**Semester-IV**
Year-II	• Indian Writing in English-I • English Poetry/ Gender Studies • British Literature: Post World War II • Modes of Creative Writing-Poetry, fiction & drama • From University's VAC Pool	• British Poetry and Drama: 14th to 17th Centuries • American Literature • Literary Criticism • Analytical Reading & Writing • From University's VAC Pool
	Semester-V	**Semester-VI**
Year-III	• Literature of Diaspora • Introduction to Literary Theory • Nineteenth Century European Realism • Literature in social spaces • From University's VAC Pool	• Post-Colonial Literature • Indian Classical Literature • World Literatures • Literature in cross cultural encounters • From University's VAC Pool
	Semester-VII	**Semester-VIII**
Year-IV	• Indian Writing in English-II • Women's Writing • Science fiction and Detective Literature • Popular Literature • From University's VAC Pool	• British Literature: The Early 20th Century • Research Methodology • Travel writing • Film Studies • From University's VAC Pool

The program structure is tentative, subject to change (if required)

The BA (Psychology) Program

The ICFAI University offers B.A. Psychology Program, emphasizing the development of skills and intellectual growth by providing practical insights in Psychology. The goal of this Program is to encourage skill-based learning while assisting students in better understanding Psychology as a fast-growing science. A Psychology Program is designed with the changing nature of society in mind to give students the skills they need to comprehend and react to these changes effectively. This programme offers students possibilities for higher study as well as several potentials in a range of industries.

Duration:

03/04 years (06/08 Semesters)

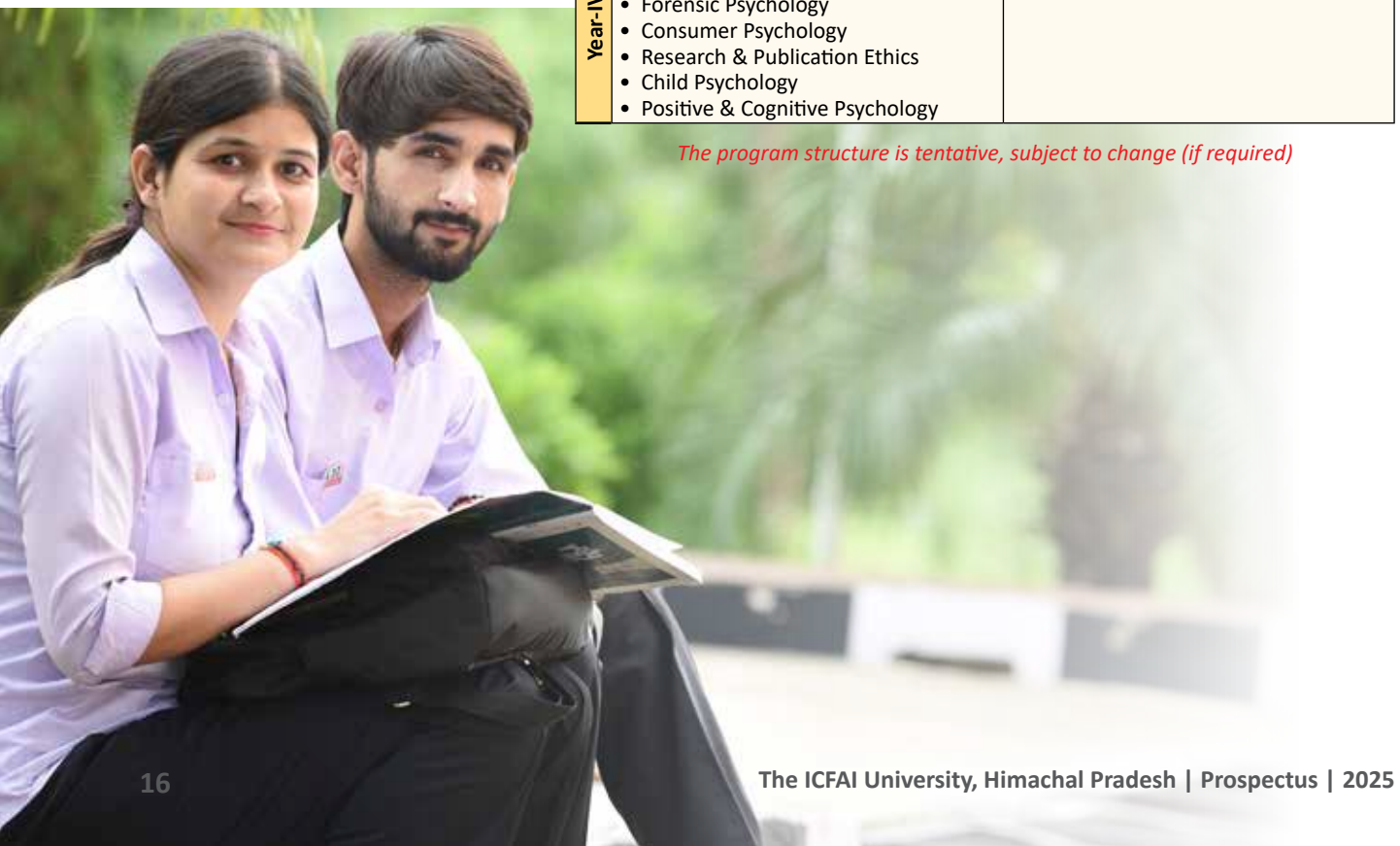
The Students will be awarded with a Certificate after completing 01 Year (02 Semesters) of study in the chosen field of study, a Diploma after 02 Years (04 Semesters) of study, a Bachelor's degree after 03 Years (06 Semesters) Program of study & a Bachelor's degree with Honours/ Honours with Research after the completion of a 04-Year Program.

Eligibility: An Applicant should have passed Class XII (or an equivalent Examination) in any discipline with an aggregate of 40% or higher marks. Students awaiting the results of their final year Examinations in Class XII are also eligible to apply.

Program Structure: The curriculum is primarily contemporary and innovatively designed in consultation with the academicians and the professional experts, following the guidelines of the UGC. The Program spans over 06/08 Semesters and is spread over 03/04 years. It aligns with the New Education Policy 2020. Students are introduced to the Skill Enhancement Courses, Discipline-Specific Courses, Ability Enhancement Compulsory Courses (AECC), the Generic Elective Courses and the Indian Knowledge Systems (IKS).

BA (Psychology) Program Structure		
	Semester-I	**Semester-II**
Year-I	• Fundamentals of Psychology • Physiological Psychology • Psychology for living • Environmental Psychology • From University's VAC Pool	• Introduction to Social Psychology • Introduction to Statistics • Self and Personal growth • Application of Social Psychology • From University's VAC Pool
	Semester-III	**Semester-IV**
Year-II	• Psychological Distress and wellbeing • Health Psychology • Managing Stress • Counselling Psychology • From University's VAC Pool	• Statistical Methods in Psychology • Development Psychology/ Life Span Psychology • Psychology and Gender • Developing Emotional Competence • From University's VAC Pool
	Semester-V	**Semester-VI**
Year-III	• Assessment and Measurement in Psychology • Personality in Psychology • Making Decisions • Psychology in Education • From University's VAC Pool	• Research Methodology in Psychology • Cognitive Psychology • Psychology and Yoga • Introduction to Indian Psychological thought • From University's VAC Pool
	Semester-VII	**Semester-VIII**
Year-IV	• Sports Psychology • Forensic Psychology • Consumer Psychology • Research & Publication Ethics • Child Psychology • Positive & Cognitive Psychology	• Dissertation/Project Report

The program structure is tentative, subject to change (if required)



The BA (Sociology) Program

The ICFAI University offers B.A. Sociology Program, emphasizing the development of skills and intellectual growth by providing practical insights in Sociology. The goal of this Program is to encourage skill-based learning while assisting students in better understanding Sociology. A Sociology Program is designed with the changing nature of society in mind to give students the skills they need to comprehend and react to these changes effectively. This programme offers students possibilities for higher study as well as several potentials in a range of industries.

Duration:

03/04 years (06/08 Semesters)

The Students will be awarded with a Certificate after completing 01 Year (02 Semesters) of study in the chosen field of study, a Diploma after 02 Years (04 Semesters) of study, a Bachelor's degree after 03 Years (06 Semesters) Program of study & a Bachelor's degree with Honours/ Honours with Research after the completion of a 04-Year Program.

Eligibility: An Applicant should have passed Class XII (or an equivalent Examination) in any discipline with an aggregate of 40% or higher marks. Students awaiting the results of their final year Examinations in Class XII are also eligible to apply.

Program Structure: The curriculum is primarily contemporary and innovatively designed in consultation with the academicians and the professional experts, following the guidelines of the UGC. The Program spans over 06/08 Semesters and is spread over 03/04 years. It aligns with the New Education Policy 2020. Students are introduced to the Skill Enhancement Courses, Discipline-Specific Courses, Ability Enhancement Compulsory Courses (AECC), the Generic Elective Courses and the Indian Knowledge Systems (IKS).

BA (Sociology) Program Structure		
	Semester-I	**Semester-II**
Year-I	• Introduction to Sociology • Rural Sociology • Basic Concepts of Sociology • Principles of Sociology • From University's VAC Pool	• Foundation of Sociological Thought • Gender & Society • Indian Social System • Indian Society and Culture • From University's VAC Pool
	Semester-III	**Semester-IV**
Year-II	• Indian Society • Urban Sociology • Social Problems in India • Social Change and Development • From University's VAC Pool	• Research Methodology • Perspectives on Indian Society • Marriage, family and Kinship • Social Change & Social Movements in India • From University's VAC Pool
	Semester-V	**Semester-VI**
Year-III	• Modern Sociological Thought-I • Social Psychology • Sociology of Law • Media & Society • Sociology of Tribal Society	• Modern Sociological Thoughts-II • Sociology of Margianalized Communities • Industrial Sociology • Sociology of Rural Development • Social Anthropology
	Semester-VII	**Semester-VIII**
Year-IV	• Feminist Sociological Approach • Qualitative Research Methods • Social Issues in India • Political Sociology • Environment & Society	• Research & Publication Ethics • Quantitative Research Methods • Globalisation & Society • Sociology of Education & Sports • Dissertation/Research Project Report

The program structure is tentative, subject to change (if required)

The BA (History) Program

The ICFAI University offers B.A. History Program, focused on developing Students skills and intellectual growth through a thorough study of history. This Program is designed to help the Students understand history as a dynamic and evolving field, emphasizing the significance of understanding past events and their impact on the present. By combining practical learning with a solid foundation in historical knowledge, the Program equips Students with the critical thinking and analytical skills needed for success in the various history-related careers. Graduates of this Program will be prepared for further academic studies and a wide range of professional opportunities, including research, education, archiving, and cultural preservation.

Duration:

03/04 years (06/08 Semesters)

The Students will be awarded with a Certificate after completing 01 Year (02 Semesters) of study in the chosen field of study, a Diploma after 02 Years (04 Semesters) of study, a Bachelor's degree after 03 Years (06 Semesters) Program of study & a Bachelor's degree with Honours/ Honours with Research after the completion of a 04-Year Program.

Eligibility:

An Applicant should have passed Class XII (or an equivalent Examination) in any discipline with an aggregate of 40% or higher marks. Students awaiting the results of their final year Examinations in Class XII are also eligible to apply.

Program Structure:

The curriculum is primarily contemporary and innovatively designed in consultation with the academicians and the professional experts, following the guidelines of the UGC. The Program spans over 06/08 Semesters and is spread over 03/04 years. It aligns with the New Education Policy 2020. Students are introduced to the Skill Enhancement Courses, Discipline-Specific Courses, Ability Enhancement Compulsory Courses (AECC), the Generic Elective Courses and the Indian Knowledge Systems (IKS).

BA (History) Program Structure		
	Semester-I	**Semester-II**
Year-I	• Idea of Bharat • Ancient World • Indian History & Culture • Glimpses of Ancient India • Glimpses of Modern India • From University's VAC Pool	• History of India (From Earliest Times to 1206) • Orality and Oral Culture in India • History: Theory & Method • Glimpses of Medieval India • History of Himachal Pradesh • From University's VAC Pool
	Semester-III	**Semester-IV**
Year-II	• History of India (1206-1757) • Medieval World • Patterns of Capitalism in Modern Times • East Asia in Modern Times: China • Understanding Heritage • From University's VAC Pool	• History of India (1757-1947) • Medieval Europe • Social Formations and Cultural Patterns in Ancient & Medieval Times • East Asia in Modern Times: Japan • Understanding Popular Culture • From University's VAC Pool
	Semester-V	**Semester-VI**
Year-III	• Early Modern World • History of Europe (1789 - 1914) • History of Britain (1815 - 1900) • History of the U.S.A. (1776 - 1865) • South Asia in Modern Times - I • From University's VAC Pool	• Modern World • History of Europe (1914 - 1945) • History of Britain (1900-1945) History of the U.S.A. (1865 - 1945) • South Asia in Modern Times -II • Historical Tourism: Theory & Practice • From University's VAC Pool
	Semester-VII	**Semester-VIII**
Year-IV	• Indian National Movement (1885 -1920) • Contemporary India: State and Politics (1947 - 1964) • History of Historical Writing – I • Introduction to Indian Art History • Historical Seminar - I	• Indian National Movement (1920 -1947) • Contemporary India: Socio - Economic Change (1947 - 1964) • History of Historical Writing -II • Historical Seminar -II • Dissertation

The program structure is tentative, subject to change (if required)

The BA (Political Science) Program

The ICFAI University offers B.A. Political Science Program, emphasizing the development of skills and intellectual growth by providing practical insights into Political Science. The goal of this Program is to encourage skill-based learning while assisting the Students in better understanding Political Science as a dynamic and an evolving field. The Program is crafted with a keen awareness of the shifting of the political dynamics, aiming to equip Students with the critical thinking and analytical skills necessary to navigate and influence these changes. This program not only paves way for further academic pursuits but also opens up a broad spectrum of career opportunities in the various fields related to political science.

Duration: 03/04 years (06/08 Semesters)

The Students will be awarded with a Certificate after completing 01 Year (02 Semesters) of study in the chosen field of study, a Diploma after 02 Years (04 Semesters) of study, a Bachelor's degree after 03 Years (06 Semesters) Program of study & a Bachelor's degree with Honours/ Honours with Research after the completion of a 04-Year Program.

Eligibility: An Applicant should have passed Class XII (or an equivalent Examination) in any discipline with an aggregate of 40% or higher marks. Students awaiting the results of their final year Examinations in Class XII are also eligible to apply.

Program Structure: The curriculum is primarily contemporary and innovatively designed in consultation with the academicians and the professional experts, following the guidelines of the UGC. The Program spans over 06/08 Semesters and is spread over 03/04 years. It aligns with the New Education Policy 2020. Students are introduced to the Skill Enhancement Courses, Discipline-Specific Courses, Ability Enhancement Compulsory Courses (AECC), the Generic Elective Courses and the Indian Knowledge Systems (IKS).

BA (Political Science) Program Structure		
	Semester-I	**Semester-II**
Year-I	• Principles of Political Science - I • Introduction to Political Theory • Fundamentals of Political Science-I • Indian Polity – I • Indian Constitution • From University's VAC Pool	• Principles of Political Science – II • Gender & Law in India • Indian Polity – II • Fundamentals of Political Science-II • Political Sociology • From University's VAC Pool
	Semester-III	**Semester-IV**
Year-II	• Comparative Politics • Indian Polity – III • Perspectives on Human Rights • Social Movements in India • Foreign Policy of Major Powers • From University's VAC Pool	• Indian Government and Politics • Comparative Constitutions of UK and USA • State Politics in India • Perspectives on Democracy • Gender and Politics in India • From University's VAC Pool
	Semester-V	**Semester-VI**
Year-III	• Introduction to International Relations • International Organization • India's Neighbourhood Policy • Diplomacy and Global Affairs • Governance: Issues and Challenges • From University's VAC Pool	• India's Foreign Policy • Major Political Ideologies • United Nations Organization • Indian Independence Movement • Politics of Globalization • From University's VAC Pool
	Semester-VII	**Semester-VIII**
Year-IV	• Research Methodology – I • Western Political Thought – I • Indian Political Thought – II • International Law • Liberal Political Theory -I • Democracy in India	• Research Methodology – II • Western Political Thought – II • Indian Political Thought – II • Liberal Political Theory – II • Dissertation

The program structure is tentative, subject to change (if required)

List of the Value-Added Courses for the Programs in Arts: *Digital Humanities; Human Resource Management and Organizational Behaviour; Entrepreneurship and Social Innovation; Visual Arts, Design, and Aesthetics; Conflict Resolution and Peace Building; Data Science and Quantitative Research Methods; Policy Analysis and Public Administration; Social Media Analytics and Digital Sociology; Behavioural Economics and Decision-Making.*

Faculty of Science & Technology (FST)

The Faculty of Science and Technology (FST) is a constituent Faculty of The ICFAI University, Himachal Pradesh. The School offers Engineering and Science Programs with the latest pedagogical approaches at both the Undergraduate and the Postgraduate levels. FST represents a fusion of vision and values, serving as a model for the exceptional professional education that produces modern technocrats. It embodies the culmination of relentless efforts by its founders to establish an Institution for Engineering and Technology Education, aimed at nurturing technocrats capable of not only meeting the requirements of the global industries but also pioneering the cutting-edge technologies. In our commitment to creating an outstanding learning environment at FST, we have developed a state-of-the-art infrastructure and engaged the services of a dedicated and a devoted teaching Faculty. Today, FST leads the way in providing exceptional Educational Facilities, maintaining impeccable Academic Credentials, featuring distinguished Faculty members and offering a multitude of Programs to choose from.

Courses Offered at the Faculty of Science & Technology

- B.Tech (Civil Engineering- CE)
- B.Tech (Computer Science Engineering)-
- B.Tech (CSE - Data Science & Artificial Intelligence)
- B.Tech (CSE- Internet of Things)
- B.Tech (Mechatronics)
- Bachelors of Technology Program (Lateral Entry)
- CSE/CE- B. Tech. (Lateral Entry) CSE/CE
- Bachelor of Science Program Non-Medical– B.Sc. Non- Medical
- Bachelor of Science Program Medical– B.Sc. Medical
- Bachelor of Computer Application- B.C.A/ B.C.A (Data Science)/ B.C.A (Cyber Security)/ B.C.A (Artificial Intelligence & Internet of Things)
- Master of Computer Application- (M.C.A)
- Master of Science (Physics)- M.Sc. (Physics)
- Master of Science (Chemistry)- M.Sc. (Chemistry)
- Master of Science (Mathematics)- M.Sc. (Mathematics)
- Master of Science (Botany)- M.Sc. (Botany)
- Ph.D. in Chemistry
- Ph.D. in Mathematics
- Ph.D. in Physics
- Ph.D. in Computer Science & Engineering

Strengths of Faculty of Science & Technology

- Highly qualified Faculty members with a strong emphasis on Creativity and Research.
- Strong placement opportunities, coupled with dynamic Institute-Industry interaction.
- A vibrant Entrepreneurship and Incubation Cell, focused on Students and a unique Mentor-Mentee Program.
- Excellent ambience for teaching and learning.
- Specialization in B. Tech. Courses to make Students Industry oriented.

The B.Tech Program

The B. Tech. Program is a full-time, Campus-based Program that provides a cutting-edge Education to equip the Students with a comprehensive and critical understanding of the various branches of engineering. The following branches of engineering are offered:

- Civil Engineering
- Computer Science Engineering
- CSE - Data Science & Artificial Intelligence
- CSE - Internet of Things
- Mechatronics

Duration:

04 Years (Eight Semesters)

Eligibility:

An Applicant should have passed Class XII (or an equivalent Examination) with 50% of aggregate marks with Mathematics, Physics, Chemistry and English as subjects. Additionally, they should have a valid JEE (Main) 2024 or HPCET 2024 score.

For the reserved category Students (SC/ST), the admission criteria are as follows:

- Pass in Class XII or an equivalent Examination with a minimum of 45% of aggregate marks, with Mathematics, Physics, Chemistry and English as subjects.
- A valid JEE (Main) 2024 or HPCET 2024 score is required for consideration.
- Additionally, the Students who are in Class XII and are awaiting their final year Examination results are also eligible to apply.

B. Tech (Lateral Entry):

Eligibility:

An Applicant should have passed a 3-year diploma in engineering in the respective discipline with a minimum of 50% marks in the aggregate.

Duration: 03 Years (Six Semesters)

	B. Tech.- Computer Science & Engineering (CSE) Program Structure	
Year I	***Semester-I*** • Computer Programming-I • Physics-I • Chemistry • English (Communication and Writing) • Engineering Drawing/ Graphics • Mathematics-I • Physics Lab.-I • Chemistry Lab. • Computer Programming Lab.-1 • Engineering Drawing/ Graphics	***Semester-II*** • Computer Programming-II • Physics-II • Engineering Mechanics • Environmental Sciences • Workshop Practices • Mathematics-II • Physics Lab.-II • Computer Programming Lab.-1I • Workshop Practices
Year II	***Semester-III*** • Discrete Mathematics • Digital Logic Design • Principles of Management • Computer Organization & Architecture • Data Structures & Algorithm • Software Engineering & Testing • Digital Logic Design Lab. • Computer Organization & Architecture Lab. • Data Structures & Algorithm Lab.	***Semester-IV*** • Object Oriented Programming using C++ • Microprocessor Programming & Interfacing • Operating System • Design & Analysis of Algorithm • Database Management System • Free & Open Source Software • Object Oriented Programming using C++ Lab. • Microprocessor Programming & Interfacing Lab. • Operating System Lab. • Database Management System Lab.
Summer Term - Internship Program I (6 weeks)		
Year III	***Semester-V*** • Theory of Computation • Programming with Java • Computer Graphics • Computer Network • Data Mining & Data Warehousing • Digital Image Processing • Programming with Java Lab. • Computer Graphics Lab. • Computer Network Lab.	***Semester-VI*** • Compiler Design • Information Security & Cryptography • Block Chain Technology • Artificial Intelligence • Cloud Computing • Wireless & Mobile Computing • Block Chain Technology Lab. • Artificial Intelligence Lab. • Cloud Computing Lab.
Summer Term - Professional Development Program		
Year IV	***Semester-VII*** • Python Programming • Big Data Analytics • Machine Learning • Linux Programming • Python Programming Lab. • Big Data Analytics Lab. • Machine Learning Lab.	***Semester-VIII*** • Internship Program II

The program structure is tentative, subject to change (if required)

	B. Tech.- Civil Engineering (CE) Program Structure	
Year I	***Semester-I*** • Computer Programming – I • Physics-I • Physical Sciences Lab.-I • Chemistry- I • Thermodynamics • Workshop Practices • Mathematics – I	***Semester-II*** • Computer Programming –II • Engineering Mechanics • Environmental Sciences • Engineering Graphics • Physics-II • Physical Sciences Lab. II • Mathematics – II
Year II	***Semester-III*** • Basics of Civil Engineering • Mathematics III • Structure & Properties of Materials • Principles of Management • Surveying-I • Surveying-I Lab. • Building Materials & Construction	***Semester-IV*** • Measurement Techniques • Organizational Behavior • Surveying-II • Surveying-II Lab. • Fluid Mechanics • Fluid Mechanics Lab. • Mechanics of Solids • Determinate structures
Summer Term Internship Program - I (6 weeks)		
Year III	***Semester-V*** • Design of steel structures- I • Design of Concrete Structures - I • Geotechnical Engineering - I • Geotechnical Engineering Lab. • Hydraulics & Hydraulic Machines • Hydraulics & Hydraulic Machines Lab. • Numerical Methods • Indeterminate Structures	***Semester-VI*** • Design of Concrete Structures – II • Design of steel structures- II • Geotechnical Engineering - II • Concrete Technology • Concrete Technology Lab. • Transportation Engineering I • Transportation Engineering, I Lab. • Construction planning and Management
Summer Term - Professional Development Program		
Year IV	***Semester-VII*** • Water supply & Wastewater Engineering • Hydrology • Transportation Engineering II • Urban Transportation Planning • Elective (1) • Elective (2) • Elective (3)	***Semester-VIII*** • Internship Program-II or Thesis

The program structure is tentative, subject to change (if required)

***Elective Papers: Civil Engineering:** Civil Engineering: Strength of Materials, Fluid Mechanics, Surveying, Construction Materials and Construction Practices, Structural Analysis - I, Concrete Technology, Water Resource Engineering, Transportation Engineering-I, Geotechnical Engineering-I, Hydraulics & Hydraulic Machinery, Structural Analysis -II, Design of Reinforced Cement Concrete Structures, Geotechnical Engineering-II, Design of Steel Structures, Construction Supply Chain Management, Building Drawing and Architecture, Estimation, Costing & Valuation, Transportation Engineering-II, Water Supply and Sanitary Engineering, Pre stressed Concrete, Quantity Surveying, Water Resources Development, Irrigation Engineering and Design of Bridge Structure.

	B.Tech.- Computer Science Engineering - Data Science & Artificial Intelligence Program Structure	
Year I	***Semester-I*** • Computer Programming-I • Physics-I • Chemistry • English (Communication and Writing) • Engineering Drawing/ Graphics • Mathematics-I • Physics Lab.-I • Chemistry Lab. • Computer Programming Lab.-1 • Engineering Drawing/ Graphics	***Semester-II*** • Computer Programming-II • Physics-II • Engineering Mechanics • Environmental Sciences • Workshop Practices • Mathematics-II • Physics Lab.-II • Computer Programming Lab.-1I • Workshop Practices
Year II	***Semester-III*** • Discrete Mathematics • Digital Logic Design • Computer Organization & Architecture • Data Structures & Algorithm • Software Engineering & Testing • Introduction to Data Science • Digital Logic Design Lab. • Computer Organization & Architecture Lab. • Data Structures & Algorithm Lab. • Introduction to Data Science Lab.	***Semester-IV*** • Object Oriented Programming using C++ • Microprocessor Programming & Interfacing • Operating System • Design & Analysis of Algorithm • Database Management System • Numerical Methods and Optimization Techniques (Data Science) • Mobile Application Development • Object Oriented Programming using C++ Lab. • Microprocessor Programming & Interfacing Lab. • Operating System Lab. • Database Management System Lab. • Mobile Application Development Lab.
Summer Term - Internship Program I (6 weeks)		
Year III	***Semester-V*** • Theory of Computation • Programming with Java • Computer Graphics • Computer Network • Fundamental of Data Science and analytics • Digital Image Processing • Programming with Java Lab. • Computer Graphics Lab. • Computer Network Lab.	***Semester-VI*** • Compiler Design • Information Security & Cryptography • Block Chain Technology • Artificial Intelligence • Cloud Computing • Data Science using R • Block Chain Technology Lab. • Artificial Intelligence Lab. • Cloud Computing Lab.
Summer Term - Professional Development Program		
Year IV	***Semester-VII*** • Python Programming • Big Data Analytics • Machine Learning • Deep Learning • Python Programming Lab. • Big Data Analytics Lab. • Machine Learning Lab. • Deep Learning Lab. • Minor Project	***Semester-VIII*** • Internship Program

The program structure is tentative, subject to change (if required)

	B. Tech.- Computer Science Engineering - Internet of Things Program Structure	
Year I	***Semester-I*** • Computer Programming-I • Physics-I • Chemistry • English (Communication and Writing) • Engineering Drawing/ Graphics • Mathematics-I • Physics Lab.-I • Chemistry Lab. • Computer Programming Lab.-1 • Engineering Drawing/ Graphics	***Semester-II*** • Computer Programming-II • Physics-II • Engineering Mechanics • Environmental Sciences • Workshop Practices • Mathematics-II • Physics Lab.-II • Computer Programming Lab.-1I • Workshop Practices
Year II	***Semester-III*** • Discrete Mathematics • Digital Logic Design • Computer Organization & Architecture • Data Structures & Algorithm • Software Engineering & Testing • Introduction to Internet of Things • Digital Logic Design Lab. • Computer Organization & Architecture Lab. • Data Structures & Algorithm Lab. • Introduction to Internet of Things Lab.	***Semester-IV*** • Object Oriented Programming using C++ • Microprocessor Programming & Interfacing • Operating System • Design & Analysis of Algorithm • Database Management System • IoT Architecture and Protocols • Implementing IoT with Raspberry Pi • Object Oriented Programming using C++ Lab. • Microprocessor Programming & Interfacing Lab. • Operating System Lab. • Database Management System Lab. • Raspberry Pi Lab.
Summer Term - Internship Program I (6 weeks)		
Year III	***Semester-V*** • Theory of Computation • Programming with Java • Computer Graphics • Computer Network • Wireless Technologies for IoT • IoT Cloud Processing and Analytics • Programming with Java Lab. • Computer Graphics Lab. • Computer Network Lab.	***Semester-VI*** • Compiler Design • Information Security & Cryptography • Block Chain Technology • Artificial Intelligence • Cloud Computing • Wireless Sensor Networks • Block Chain Technology Lab. • Artificial Intelligence Lab. • Cloud Computing Lab.
Summer Term - Professional Development Program		
Year IV	***Semester-VII*** • Python Programming • Soft Computing • Privacy and Security in IoT • Microcontroller for IoT Prototyping • Mobile Applications and Services • Python Programming Lab. • Microcontroller for IoT Prototyping Lab. • Minor Project	***Semester-VIII*** • Internship Program

The program structure is tentative, subject to change (if required)

	B.Tech.- Mechatronics Program Structure	
Year I	***Semester-I*** • Computer Programming – I • Physics I • Chemistry I • Thermodynamics • Workshop Practices • Mathematics – I • Physical Sciences Lab. I	***Semester-II*** • Computer Programming – II • Engineering Mechanics • Environmental Sciences • Engineering Graphics • Physics II • Mathematics – II • Physical Sciences Lab.- II
Year II	***Semester-III*** • Basic Concepts of Mechatronics • Strength of Materials • Electrical Machines • Embedded Systems • Kinematics of Machines • Basic Mechatronics Lab. • Strength of Materials Lab. • Electrical Machines Lab. • Embedded Systems Lab. • Minor Project	***Semester-IV*** • Fluid Mechanics • Analog and Digital Electronics • Computer Organization • Signals & Systems • Industrial Automation • Fluid Mechanics Lab. • Analog and Digital Electronics Lab. • Industrial Automation Lab. • Signal & System Lab.
Summer Term - Internship Program I (6 weeks)		
Year III	***Semester-V*** • Digital Signal Processing • Sensors &Instrumentation • Control System Engineering • Industrial Engineering • Dynamics of Machines • Heat Transfer • Digital Signal Processing Lab. • Sensors &Instrumentation Lab. • Control System Engineering Lab. • Dynamics of Machines Lab. • Mini Project or Internship	***Semester-VI*** • Design of Machine Elements • Computer Network & Cyber Security • Microprocessor & Microcontroller • Manufacturing Technologies • Computer Aided Design Lab. • Program Elective-I • Computer Network & Cyber Security Lab. • Microprocessor & Microcontroller Lab. • Manufacturing Technologies Lab. • Seminar
Summer Term - Professional Development Program		
Year IV	***Semester-VII*** • Robotics • Mechatronics System • Computer Aided • Manufacturing • Program Elective-II • Robotics Lab. • Computer Aided • Manufacturing Lab. • Project Work I	***Semester-VIII*** • Project Work II

Electives: ***Optimization Techniques, Operation Research, Total Quality Management, Product Development, Rapid Prototyping, Machine Learning***

The program structure is tentative, subject to change (if required)

The B.Sc. (Non-Medical) Program

The B.Sc. (Non-Medical) Program is a 03/04 Year, Campus-based educational Program designed to provide Students with a comprehensive and thorough understanding of the various scientific subjects. This Program is tailored for Students who are interested in pursuing a Science-focused education but do not have a medical orientation.

Duration:

03/04 Years (06/08 Semesters)

The Students will be awarded with a Certificate after completing 01 Year (02 Semesters) of study in the chosen field of study, a Diploma after 02 Years (04 Semesters) of study, a Bachelor's degree after 03 Years (06 Semesters) Program of study & a Bachelor's degree with Honours/ Honours with Research after the completion of a 04-Year Program.

Eligibility: An Applicant should have passed Class XII with PCM (Physics, Chemistry and Mathematics) having an aggregate of 50% or higher marks. Students in Class XII who are awaiting their final year Examination results are also eligible to apply.

Program Structure: The B.Sc. (Non-Medical) Program spans over 06/08 Semesters, which are spread across 03/04 years. Students are also encouraged to undertake the Project work during the 6th Semester.

B.Sc. (Non-Medical) Program Structure		
Year-I	**Semester-I**	**Semester-II**
	• Differential Equation • Mechanics • Atomic Structures, Bonding, General Organic Chemistry and Aliphatic Hydrocarbons • Atomic Structures, Bonding, General Organic Chemistry and Aliphatic Hydrocarbons Practical • Electronics and Magnetism • Electronics and Magnetism Lab • English/Communication Skill	• Algebra and Trigonometry • Wave & Vibration • Wave & Vibration Lab • Chemical Energetic Equilibria and Functional Group Organic • Chemical Energetic Equilibria and Functional Group Organic Practical • Environmental Studies • Numerical Analysis
Year-II	**Semester-III**	**Semester-IV**
	• Real and Complex Analysis • Statistical Mechanics and Thermodynamics • Statistical Mechanics and Thermodynamics Lab • Solution, Phase Equilibrium, conductance Electrochemistry and Functional Group Organic–II • Solution, Phase Equilibrium, conductance Electrochemistry and Functional Group Organic–II Practical • Introduction to Computer • Computer Lab • Electro Chemistry	• Advance Calcus • Optics • Optics Lab • Transition Metal & Coordination chemistry, States of Matter & Chemical Kinetics • Transition Metal & Coordination chemistry, States of Matter & Chemical Kinetics Practical • Human Values & Ethics • Probability and Statistics
Summer Term - Internship Program		
Year-III	**Semester-V**	**Semester-VI**
	• Linear Algebra • Electronics • Electronics Lab • Organometallic, Bio inorganic Chemistry, Poly nuclear Hydrocarbons and UV, IR Spectroscopy • Organometallic, Bioinorganic Chemistry, Poly nuclear Hydrocarbons and UV, IR Spectroscopy Practical • Nano Science	• Abstract Algebra • Quantum Mechanics • Quantum Mechanics Lab • Chemical Thermodynamics and its Application • Chemical Thermodynamics and its Application Practical • Nuclear and Particle Physics
Year-IV	**Semester-VII**	**Semester-VIII**
	• Classical Mechanics • Laser Physics and Fiber Optics • Laser Physics and Fiber Optics Lab • Industrial Chemical Analysis and Quality Control • Industrial Chemical Analysis and Quality Control Lab • Review of Literature and Seminar • Research Methodology and Research Ethics	• Solid Mechanics • Space Physics • Space Physics Lab • Chemical Kinetics and Chemical Equilibrium • Chemical Kinetics and Chemical Equilibrium Practical • Research Project (DISSERTATION)

The program structure is tentative, subject to change (if required)

The B.Sc (Medical) Program

The B.Sc. Medical is a 03/04 Years Undergraduate Degree Program. It encompasses the study of various disciplines related to Human Health, resulting in a comprehensive understanding of Human Biology and associated Research skills, including Study design, Statistics and Lab. techniques.

Duration:

03/04 Years (06/08 Semesters)

The Students will be awarded with a Certificate after completing 01 Year (02 Semesters) of study in the chosen field of study, a Diploma after 02 Years (04 Semesters) of study, a Bachelor's degree after 03 Years (06 Semesters) Program of study & a Bachelor's degree with Honours/ Honours with Research after the completion of a 04-Year Program.

Eligibility: An Applicant should have passed Class XII with PCB (Physics, Chemistry and Biology) having an aggregate of 50% or higher marks. Students in Class XII who are awaiting their final year Examination results are also eligible to apply.

Program Structure: The B.Sc. (Medical) Program spans over 06/08 Semesters and is spread over 03/04 years. The Students are also encouraged to undertake the Project work during the 6th Semester.

B.Sc. (Medical) Program Structure		
Year-I	**Semester-I**	**Semester-II**
	• Animal Biodiversity • Animal Biodiversity Practical • Plant Biodiversity • Plant Biodiversity Practical • Atomic structures , bonding , general organic chemistry and aliphatic hydrocarbons • Atomic structures , bonding , general organic chemistry and aliphatic hydrocarbons Practical • English/Communication Skill • Vermiculture and Vermicompost • One course to be opted by students from options given by University	• Comparative Anatomy and Developmental • Biology of Vertebrates • Comparative Anatomy and Developmental • Biology of Vertebrates Practical • Plant Ecology & Taxonomy • Plant Ecology & Taxonomy Practical • Chemical Energetic Equilibria and Functional Group Organic • Chemical Energetic Equilibria and Functional Group Organic Practical • Introduction to Computer • Mushroom Culture Technology • One course to be opted by students from options given by University
Year-II	**Semester-III**	**Semester-IV**
	• Animal Physiology and Biochemistry • Animal Physiology and Biochemistry Practical • Anatomy and Embryology of Angiosperms • Anatomy and Embryology of Angiosperms • Solution, Phase Equilibrium, Conductance Electrochemistry and Functional Group Organic–II • Solution, Phase Equilibrium, Conductance Electrochemistry and Functional Group Organic–II Practical • Environmental Studies • Electro Chemistry	• Genetics And Evolutionary Biology • Genetics And Evolutionary Biology Practical • Plant Physiology and Metabolism • Plant Physiology and Metabolism Practical • Transition Metal & Coordination CShemistry, States of Matter & Chemical Kinetics • Transition Metal & Coordination Chemistry, States of Matter & Chemical Kinetics Practical • Human Values & Ethics
Year-III	**Semester-V**	**Semester-VI**
	• Principle of Ecology • Principle of Ecology Practical • Economic Botany and Biotechnology • Economic Botany and Biotechnology Practical • Organometallic, Bioinorganic Chemistry, Polynuclear Hydrocarbons and UV, IR Spectroscopy • Organometallic, Bioinorganic Chemistry, Polynuclear Hydrocarbons and UV, IR Spectroscopy Practical • Ethnobotany	• Applied Zoology • Applied Zoology Practical • Cell and Molecular Biology • Cell and Molecular Biology Practical • Chemical Thermodynamics and its Application • Chemical Thermodynamics and its Application Practical • Medical Diagnostics
Year-IV	**Semester-VII**	**Semester-VIII**
	• Reproductive Biology • Reproductive Biology Practical • Analytical Techniques in Plant Sciences • Analytical Techniques in Plant Sciences Practical • Industrial Chemical Analysis and Quality Control • Industrial Chemical Analysis and Quality Control Lab • Research Methodology and Research Ethics • Review of Literature	• Immunology And Biostatics • Immunology And Biostatics Practical • Bioinformatics • Bioinformatics Practical • Chemical Kinetics and Chemical Equilibrium • Chemical Kinetics and Chemical Equilibrium Practical • Research Project (Dissertation)

The program structure is tentative, subject to change (if required)

The BCA Programs

The B.C.A is a 03/04 Years Undergraduate Degree Program that focuses on the fundamentals of Computer applications and Software development. The BCA Course includes topics like the Database Management Systems, Operating Systems, Software Engineering, Web Technology and Programming Languages such as C, C++, HTML and Java among others.

Duration:

03/04 Years (06/08 Semesters)

The Students will be awarded with a Certificate after completing 01 Year (02 Semesters) of study in the chosen field of study, a Diploma after 02 Years (04 Semesters) of study, a Bachelor's degree after 03 Years (06 Semesters) Program of study & a Bachelor's degree with Honours/ Honours with Research after the completion of a 04-Year Program.

Eligibility: An Applicant should have passed the 10+2 Examination (or an equivalent Examination) with an aggregate of at least 45% marks in any discipline. The class XII Students awaiting the results of their final year Examinations are also eligible to apply.

Program Structure: B.C.A. Program is spread over 06/08 Semesters spanning 03/04 years. The Students are also encouraged to undertake Project work during the Sixth Semester.

BCA Program Structure		
Year-I	**Semester-I**	**Semester-II**
	• Fundamental Mathematics for Computer Application • Environmental Science • Computer Fundamental & Office Automation • Computer Programming I • Digital Logic Design • English Communication Skills • Computer Fundamental & Office Automation • Lab • Computer Programming I Lab • Digital Logic Design Lab • Linux & Shell Programming Lab	• Professional Communication Skills • Discrete Mathematics • Microprocessor Programming & Interfacing • Microprocessor Programming & Interfacing Lab • Computer Programming- II • Data Communication and Networking • Organizational Behavior • Microprocessor Programming & Its Interfacing Lab • Computer Programming- II Lab • Data Communication and Networking Lab
Year-II	**Semester-III**	**Semester-IV**
	• Technical Report Writing • Computer Systems and Architecture • Data Structures and Algorithms • Database Management System • Operating Systems • Probability & Statistics • Data Structures and Algorithms Lab • Operating Systems Lab • Database Management System Lab	• System Analysis & Design • Programming with Java • Data Mining • Computer Graphics • Principles of Management • Web Technologies • Programming with Java Lab • Data Mining Lab • Computer Graphics Lab • Web Technologies Lab
Year-III	**Semester-V**	**Semester-VI**
	• Design and Analysis of Algorithm • Network Security • Presentation & Seminar • Design and Analysis of Algorithm Lab • Electives-I • Electives-II • Unix Shell Programming • Unix Shell Programming • Software Testing and Project Management	• Management Information System • .NET and C# Programming • .NET and C# Programming Lab • Project (Implementation and Viva) • Electives-III • Electives-IV • Electives-V
Year-IV	**Semester-VII**	**Semester-VIII**
	• Discrete Mathematics • Artificial Intelligence • Emerging Trends in Information Technology • Design & Analysis of Algorithms	• Industrial Training

The program structure is tentative, subject to change (if required)

BCA-(Data Science) Program Structure		
Year-I	**Semester-I**	**Semester-II**
	• English Communication Skill • Fundamentals of Mathematics for Computer Application • Digital Logic Design • Computer Programming-I • Environmental Sciences • Introduction to Data Science • Digital Logic Design Lab • Computer Programming- I Lab • Computer Fundamental & Office Automation Lab • Linux & Shell Programming Lab	• Professional Communication Skills • Discrete Mathematics • Data Communication and Networking • Computer Programming -II • Computing for Data Science • Microprocessor Programming& Its Interfacing • Data Communication and Networking Lab • Computer Programming -II Lab • Computing for Data Science Lab • Microprocessor Programming& Its Interfacing
Year-II	**Semester-III**	**Semester-IV**
	• Computer Systems and Architecture • Database Management Systems • Programming in Python • Probability & Statistics • Operating Systems • Data Structures and Algorithms • Database Management Systems Lab • Programming in Python Lab • Operating System Lab • Data Structures and Algorithms Lab	• PL/SQL Databases • Programming in Java • Times Series Analysis • Artificial Neural Networks • Data Mining • Web Technologies • PL/SQL Databases Lab • Programming in Java Lab • Times Series Analysis Lab • Data Mining Lab
Year-III	**Semester-V**	**Semester-VI**
	• Cloud Computing • Machine Learning Algorithms • Big Data Analytics • Elective I • Elective II • Presentation and Seminar • Cloud Computing Lab • Machine Learning Algorithms Lab	• Data Analytics using MS Excel and SQL • Exploratory Data Analysis • Elective-III • Elective -IV • Elective-V • Project (Implementation and Viva) • Data Analytics using MS Excel and SQL
Year-IV	**Semester-VII**	**Semester-VIII**
	• Software Engineering • Enabling technologies for data science • Soft Computing • Artificial Cognitive Systems	• Industrial Training

The program structure is tentative, subject to change (if required)

Electives: *Soft Computing, Natural Language Processing, Artificial Cognitive Systems, Image processing, Combitorial Optimization, Bioinformatics, Meta Heuristics, Enabling technologies for data science, Fuzzy Logic, Human Computer Interaction, Internet of Things, Data Visualization, Software Engineering*

BCA (Cyber Security) Program Structure		
Year-I	**Semester-I**	**Semester-II**
	• English Communication Skill • Fundamentals of Mathematics for Computer Application • Digital Logic Design • Computer Programming-I • Environmental Sciences • Introduction to Cyber Security • Digital Logic Design Lab • Computer Programming- I Lab • Computer Fundamental & Office Automation Lab • Linux& Shell Programming Lab	• Professional Communication Skills • Discrete Mathematics • Data Communication and Networking • Computer Programming -II • Cyber Security Techniques and Tools • Microprocessor Programming& Its Interfacing • Data Communication and Networking Lab • Computer Programming -II Lab • Computing for Data Science Lab • Microprocessor Programming& Its Interfacing
Year-II	**Semester-III**	**Semester-IV**
	• Computer Systems and Architecture • Database Management Systems • Programming in Python • Probability & Statistics • Operating Systems • Data Structures and Algorithms • Database Management Systems Lab • Programming in Python Lab • Operating System Lab • Data Structures and Algorithms Lab	• Cryptography and Network Security • Programming in Java • Artificial Intelligence • Secure Software Engineering • Data Mining • Web Technologies • Programming in Java Lab • Web Technologies Lab • Data Mining Lab
Year-III	**Semester-V**	**Semester-VI**
	• Application Cyber Security • Cyber Law • Security Assessment and Risk Analysis • Elective I • Elective II • Presentation and Seminar • Application Cyber Security Lab	• Ethical Hacking and System Defense • Enterprise Security Architecture • Elective-III • Elective -IV • Elective-V • Project (Implementation and Viva) • Data Analytics using MS Excel and SQL
Year-IV	**Semester-VII**	**Semester-VIII**
	• Cyber Defense • Application Security • Graphic Designing • Blockchain Security	• Industrial Training

The program structure is tentative, subject to change (if required)

Electives: *Soft Computing, Natural Language Processing, Artificial Cognitive Systems, Image processing, Combitorial Optimization, Bioinformatics, Meta Heuristics, Enabling technologies for data science, Fuzzy Logic, Human Computer Interaction, Internet of Things, Data Visualization, Software Engineering*

BCA (AI & IOT) Program Structure		
Year-I	**Semester-I**	**Semester-II**
	• English Communication Skill • Fundamentals of Mathematics for Computer Application • Digital Logic Design • Computer Programming-I • Environmental Sciences • Introduction to Data Science • Digital Logic Design Lab • Computer Programming- I Lab • Computer Fundamental & Office Automation Lab • Linux& Shell Programming Lab	• Professional Communication Skills • Discrete Mathematics • Data Communication and Networking • Computer Programming -II • Basic Electronics for IoT • Microprocessor Programming& Its Interfacing • Data Communication and Networking Lab • Computer Programming -II Lab • Basic Electronics for IoT Lab • Microprocessor Programming& Its Interfacing
Year-II	**Semester-III**	**Semester-IV**
	• Computer Systems and Architecture • Database Management Systems • Programming in Python • Internet of Things • Operating Systems • Data Structures and Algorithms • Database Management Systems Lab • Programming in Python Lab • Operating System Lab • Data Structures and Algorithms Lab	• Wireless Networks • Programming in Java • Artificial Intelligence • IoT and Smart Sensors • Data Mining • Web Technologies • Programming in Java Lab • Web Technologies Lab • Data Mining Lab
Year-III	**Semester-V**	**Semester-VI**
	• Cloud Computing • Fuzzy Logic and Neural Networks • Big Data Analytics • Elective I • Elective II • Presentation and Seminar • Cloud Computing Lab	• Machine Learning • Information Security • Elective-III • Elective -IV • Elective-V • Machine Learning Lab • Project (Implementation and Viva)
Year-IV	**Semester-VII**	**Semester-VIII**
	• Data Mining and Warehouse • Ethical Hacking • Statistics • Machine Learning	• Industrial Training

The program structure is tentative, subject to change (if required)

Electives: *Soft Computing, Natural Language Processing, Artificial Cognitive Systems, Image processing, Combitorial Optimization, Bioinformatics, Meta Heuristics, Enabling technologies for data science, Fuzzy Logic, Human Computer Interaction, Internet of Things, Data Visualization, Software Engineering.*

MCA Program

MCA is a Postgraduate Degree Program that focuses on Computer Applications, Computer Science and Programming Languages. The objective of the MCA Course is to cultivate information technology professionals.

Duration:

02 Years (04 Semesters)

Eligibility:

An Applicant to be eligible for MCA Program should have passed Bachelor in Computer Applications (BCA), B.Sc. in Computer Science, B.Sc. in Information Technology, B.A. in Computer Science or a B.A. in Information Technology. Alternatively, any Graduate with 20-24 credits in the computer-related subjects or a minimum of 06 computer Courses having studied during his/her Under Graduate Degree (in case of a Degree without a credit system) is eligible, provided he/she has attained at least 50% marks from a recognized University/ Higher Education Institution.

MCA Program Structure		
Year-I	**Semester-I**	**Semester-II**
	• Computer Fundamental & Programing in C • Communication Skill • Data Structure using C • Discrete Mathematics • Computer Architecture • Emerging trends in Information Technology	• Data Base Management System • Computer Network • Design & Analysis of Algorithms • Object Oriented Programming • Artificial Intelligence • Operating System
Year-II	**Semester-III**	**Semester-IV**
	• Software Engineering • Numerical Analysis & Statistical Technique	• Project

The program structure is tentative, subject to change (if required)

Electives: *Cloud Computing & IoT, Machine Learning, Python Programming, Web Based Programming, Big data Analytics, Paralleled Distributed Computing, Principles of Modern CDMA/MIMO/OFDM Wireless Communication Natural Language Processing, Digital Forensic Science, Computer Graphics & Animation, Block Chain Technology, Soft Computing, Digital Marketing, Research and Publication Ethics*.

M.Sc Programs

M.Sc. Program is structured to help the Students to enhance their intellectual and Laboratory skills. The Program emphasizes on the development of the Industrial applications and encourages the Students in their Research.

Duration:

02 Years (04 Semesters)

Eligibility:

- **M.Sc. Chemistry:** An Applicant should have passed B.Sc. (Med/Non-Med) with a minimum of 50% marks in the aggregate or an equivalent CGPA.
- **M.Sc. Physics:** An Applicant should have passed B.Sc. (Non-Med), with a minimum of 50% marks in the aggregate or an equivalent CGPA.
- M**.Sc. Mathematics:** An Applicant should have passed B.Sc. (Non-Med), B.A with Mathematics, with a minimum of 50% marks in the aggregate or an equivalent CGPA.
- **M.Sc. Botany:** An Applicant should have passed B.Sc. (Med) with Botany/Zoology/ Chemistry with 50% marks in the aggregate or an equivalent CGPA.

Program Structure:

The M.Sc. Program is completed in 04 Semesters spread over 02 years. The Students are also required to undertake a dissertation or a Project in the 2nd year. For the Graduates who wish to specialize in a specific area of Science, the University offers Master of Science Programs in the following four subjects with specializations in the respective fields:

- M.Sc. in Chemistry with specialization in Organic / Inorganic or Physical Chemistry.
- M.Sc. in Physics with specialization in Laser Physics or Semiconductor Electronics.
- M.Sc. in Mathematics with specialization in Special Functions or Fluid Dynamics.
- M.Sc. in Botany with specialization in Plant Physiology, Plant Biochemistry and Stress Physiology.

	M.Sc (Chemistry) Program Structure	
Year-I	**Semester-I**	
	• Inorganic Chemistry & Group Theory • Inorganic Chemistry Practical –I • Organic Reaction Mechanism and Stereochemistry • Organic Chemistry Practical –I • Molecular Spectroscopy • Physical Chemistry Practical –I • Mathematics for Chemists and Applications of computer in Chemistry • Computer Lab. Practical-I	
	Semester-II	
	• Metal Ligand Bonding & Magneto chemistry • Inorganic Chemistry Practical-II • Organic Reactions & Reagents • Organic Chemistry Practical - II • Thermodynamics • Physical Chemistry Practical-II • Chemistry of Life & Environmental Chemistry	
Year-II	**Civil Engineering**	
	• Analytical & Nuclear Chemistry • Organic Spectroscopy • Statistical Thermodynamics and Basic Quantum Chemistry **Specialization (Opt. anyone)** • Inorganic Chemistry Special Theory • Organic Chemistry Special Theory • Physical Chemistry Special Theory • Pharmaceutical Chemistry Special Theory **Chemistry Lab (Opt. any one)** • Inorganic Lab • Organic Lab • Physical Lab • Project (Inorganic/Organic/Physical) • Project Seminar	
	Semester-IV	
	Inorganic Chemistry Specialization: • Advanced Organometallics • Inorganic Spectroscopy • Bio-inorganic Chemistry	**Organic Chemistry Specialization** • Natural Products • Synthetic Strategy • Polymer Chemistry
	Physical Chemistry Specialization • Advanced Quantum Chemistry • Solid State Chemistry • Bio Physical Chemistry	**Pharmaceutical Chemistry**: • Medicinal Chemistry • Drug Discovery • Pharmaceutics–II • Project & Dissertation • Major project presentation

	M.Sc (Physics) Program Structure	
Year-I	**Semester-I**	**Semester-II**
	• Mathematical Physics • Classical Mechanics • Quantum Mechanics -1 • Electromagnetic Theory • Soft Skills • Physics Lab.-1	• Quantum Mechanics -II • Statistical Mechanics • Computational Physics • Atomic & Molecular Physics • Photonics • Physics Lab.-II
Year-II	**Semester-III**	**Semester-IV**
	• Condensed Matter Physics • Nuclear & Particle Physics • Laser & fiber optics • Electronics • Physics Lab.-III • Minor Project	• Nano Science/Nonlinear Dynamics (Electives) • Space Physics/Quantum Field Theory (Elective) • Advanced Condensed Matter Physics/Semiconductor Electronics (Elective) • Electronics & Experimental Physics/ Laser Physics (Elective) • Major Project

	M.Sc. (Mathematics) Program Structure	
Year-I	**Semester-I**	**Semester-II**
	• Real Analysis-I • Advanced Algebra-I • Ordinary Differential Equations • Fluid Dynamics • Soft Skill	• Real Analysis-II • Advanced Algebra-II • Partial Differential Equations • Classical Mechanics • Solid Mechanics
Year-II	**Semester-III**	**Semester-IV**
	• Complex Analysis • Topology • Mathematical Statistics • Analytic Number Theory • Differential Geometry	• Operations Research • Magneto Fluid Dynamics • Advanced Discrete Mathematics • Functional Analysis • Major Project (Dissertations) **Discipline Elective Courses** *(Choose any one):* • Theory of Elasticity • Advanced Operations Research

	M.Sc. (Botany) Program Structure	
Year-I	**Semester-I**	**Semester-II**
	• Biology and Diversity of Fungi and Plant Pathology • Biology and Diversity of algae, Bryophytes and Lichens • Water relationship, Growth and Development • Plant Biochemistry and Metabolism • Bio statistical methods • Seminar/ Assignments • Botany Lab. IA • Botany Lab. IB	• Biology and Diversity of Pteridophytes and Gymnosperms • Reproductive and developmental biology of angiosperms • Metabolic Integration • Genetics, Plant Breeding and Evolution • Fundamentals of computer • Seminar/Assignments • Botany Lab. IIA • Botany Lab. IIB
Year-II	**Semester-III**	**Semester-IV**
	• Angiosperm Morphology and Taxonomy • Ecology • Cytology and Molecular Biology of Plants • Plant Tissue Culture and Genetic Engineering • Project Work • Seminar • Botany Lab. IIIA • Botany Lab. IIIB	• Advanced Cell Biology • Molecular Genetics • Specialization: A. Stress Physiology • Specialization: Advanced Plant Biochemistry • Project Work • Seminar • Botany Lab. IVA • Botany Lab. IVB

The program structure is tentative, subject to change (if required)

Faculty of Law (FOL)

The Faculty of Law (FOL) is a constituent Faculty of the ICFAI University, Himachal Pradesh and has been established with an objective of developing a new generation of the legal professionals through a comprehensive, contemporary body of knowledge integrating Law with Management/Humanities and through the rigorous Education and Research Programs. The Faculty of Law at present offers a 05 year integrated B.A.-LL.B. (Hons.), BBA-LL.B. (Hons.) and LL.B. (03 Year) Programs. The Faculty of Law facilitates its Students to explore their intellectual potential and encourages their professional development through a fine blend of career-oriented Courses and compulsory internships with Eminent Lawyers, Law Firms, MNCs, PSUs, NGOs and International Organizations etc. The Courses are thus designed to impart legal knowledge and skills, both theoretical and practical, to the Students to make them leaders in their professional life.

Programs Offered at the FOL

- 5 Year Integrated Bachelor of Arts with Bachelor of Law (B.A. LL. B (Honours))
- 5 Year Integrated Bachelor of Business Administration with Bachelor of Law (B.B.A LL.B. (Honours))
- 3 Year Bachelor of Law (LL.B.)
- 1 Year Master of Laws (LL.M)
- Ph.D. in Law

Strengths of the FOL

- Enthusiastic and Committed Faculties
- Innovative Teaching Pedagogy & Resourceful Library
- Court Visits
- Job Oriented Courses
- Mentoring Process
- Legal Aid and Awareness Cell
- Moot Court

The B.A-LL.B. (Honours) Program

The B.A. LL.B. (Hons.) Program is a 05 Year Campus based Program offered with a view to impart in-depth knowledge and broad understanding of the subject. The Program focuses on various areas of Social Science, Liberal Arts and Law. The Program emphasizes to imbibe the Students with the necessary values required for professing themselves in the competitive world beyond the University.

Duration:

Five Years (Ten Semesters)

Eligibility:

An Applicant should have passed Class XII (or an equivalent Examination) in any discipline with an aggregate of 45% or higher marks. Students awaiting the results of their final year Examinations in Class XII are also eligible to apply.

For the reserved category Students (SC/ST), the minimum eligibility is 40% and above aggregate marks in Class XII or an equivalent Examination in any discipline. The Students appearing in their final Examination and awaiting results are also eligible to apply. The Candidates should not be more than 21 Years of age in case of the General/Open category and 22 Years in case of the SC/ST category as on the date of admission.

Program Structure:

The Curriculum is mostly contemporary and innovatively designed and developed in association with academicians and professional experts and as per the guidelines of the Bar Council of India. The Program offers legal internships after every year. The Program consists of 70 Courses covered in ten Semesters spread over five years. 5th Semester onwards the Students will be exposed to various elective Courses. 7th Semester onwards the Students will be exposed to the Honours Courses, in their respective field of specialization. The actual offering of electives will however, depend on an optimal number of Students opting for the same elective, which is decided from time to time.

BA.LL.B. (Hons.) Program Structure		
First Year	**Semester I**	**Semester II**
	• General English • Micro Economics • Political Science – I • Introduction to Computers • Constitutional Law - I • General Principles of Contract • Jurisprudence	• English Communication • Macro Economics • Political Science – II • Law & Society • Constitutional Law - II • Special Contracts • Law of Torts and Consumer Protection
Legal Internship Program - I (6 weeks)		
Second Year	**Semester III**	**Semester IV**
	• Introduction to Psychology • Political Science-III • Indian Economy • Sociology I • Indian Penal Code -I • Family Law-I • Environment law	• Leadership and Entrepreneurship • Political Science-IV • Money, Banking & Public Finance • Sociology II • Indian Penal Code- II • Family Law-II • Interpretation of Statues
Legal Internship Program - II (6 weeks)		
Third Year	**Semester V**	**Semester VI**
	• History – I • Intellectual Property Law • Code of Criminal Procedure - I • Public International Law • Labor & Industrial Law-I • Cyber Laws • Alternative Dispute Resolution (Clinical • Course – I)	• History – II (Legal & Constitutional History) • Administrative Law • Code of Criminal Procedure - II • Women and Child Laws • Labor & Industrial Law-II • Law of Trust & Equity • Professional Ethics (Clinical Course – II)
Legal Internship Program - III (6 weeks)		
Fourth Year	**Semester VII**	**Semester VIII**
	• Code of Civil Procedure-I • Property Law • Company Law – I • Drafting, Pleading and Conveyance (Clinical Course–III) • Elective – I • Honours Paper – I • Honours Paper – II	• Code of Civil Procedure-II • Law of Evidence • Company Law II • Moot Court (Clinical Course – IV) • Elective – II • Honours Paper – III • Honours Paper – IV
Legal Internship Program - IV (6 weeks)		
Fifth Year	**Semester IX**	**Semester X**
	• Law of Taxation • Banking and Insurance Laws • Human Rights Law • Elective – III • Elective – IV • Honours Paper – V • Honours Paper – VI	• Mediation • Land Laws • Law of Medicine and Mental Health • Elective – V • Elective – VI • Honours Paper – VII • Honours Paper – VIII
Legal Internship Program - V (6 weeks)		

The program structure is tentative, subject to change (if required)

The B.B.A-LL.B. (Honours) Program

The B.B.A. LL.B. (Hons.) Program is a 05 Year Campus based Program offered with a view to impart in-depth knowledge and broad understanding of the subject. The Program focuses on various areas of Management and Law. The Program emphasizes to imbibe the Students with the necessary values required for professing themselves in the competitive Corporate world beyond the University.

Duration:

Five years (Ten Semesters)

Eligibility:

An Applicant should have passed Class XII (or an equivalent Examination) in any discipline with an aggregate of 45% or higher marks. The Students awaiting the results of their final year Examination in Class XII are also eligible to apply.

For the reserved category Students (SC/ST), the minimum eligibility is 40% and above aggregate marks in Class XII or equivalent in any discipline. The Students appearing in their final year Examination and are awaiting their results are also eligible for admission. The Candidates should not be more than 21 Years of age in case of the General/Open category and 22 Years in case of the SC/ST category on the date of admission.

Program Structure:

The Curriculum is mostly contemporary and innovatively designed and developed in association with academicians and professional experts and as per the guidelines of the Bar Council of India. The Program offers legal internships after every year. The Program consists of 70 Courses covered in ten Semesters spread over five years. 5th Semester onwards the Students will be exposed to various elective Courses. 7th Semester onwards, the Students will be exposed to the Honours Courses, in their respective field of specialization. The actual offering of electives will however, depend on an optimal number of Students opting for the same elective, which is decided from time to time.

B.B.A. LL.B. (Hons.) Program Structure		
First Year	**Semester I**	**Semester II**
	• General English • Micro Economics • Business Statistics • Introduction to Computers • Constitutional Law I • General Principles of Contract • Fundamentals Jurisprudence	• English Communication • Macro Economics • Principles of Management • Human Resource Management • Constitutional Law II • Special Contracts • Law of Torts and Consumer Protection
Legal Internship Program - I (6 weeks)		
Second Year	**Semester III**	**Semester IV**
	• Introduction to Psychology • Financial Accounting • Business Environment • Organizational Behavior • Indian Penal Code -I • Family Law-I • Environment Law	• Entrepreneurship • Principles of Marketing • Business Ethics & Values • Financial Management • Indian Penal Code- II • Family Law-II • Interpretation of Statues
Legal Internship Program - II (6 weeks)		
Third Year	**Semester V**	**Semester VI**
	• Business Strategy • Intellectual Property Law • Code of Criminal Procedure - I • Public International Law • Labor Law-I • Cyber Laws • Alternative Dispute Resolution (Clinical Course – I)	• International Business • Administrative law • Code of Criminal Procedure - II • Women and Child Laws • Labor Law-II • Law of Trust & Equity • Professional Ethics (Clinical Course – II)
Legal Internship Program - III (6 weeks)		
Fourth Year	**Semester VII**	**Semester VIII**
	• Code of Civil Procedure-I • Property Law • Company Law – I • Drafting, Pleading and Conveyance (Clinical Course–III) • Elective – I • Honours Paper – I • Honours Paper – II	• Code of Civil Procedure-II • Law of Evidence • Company Law II • Moot Court (Clinical Course – IV) • Elective – II • Honours Paper – III • Honours Paper – IV
Legal Internship Program - IV (6 weeks)		
Fifth Year	**Semester IX**	**Semester X**
	• Law of Taxation • Banking and Insurance Laws • Human Rights Law • Elective – III • Elective – IV • Honours Paper – V • Honours Paper – VI	• Mediation • Land Laws • Law of Medicine and Mental Health • Elective – V • Elective – VI • Honours Paper – VII • Honours Paper – VIII
Legal Internship Program - V (6 weeks)		

The program structure is tentative, subject to change (if required)

List of Elective Courses (Common to BA-LL.B & BBA-LL.B Programs)

Elective – I (Constitutional Law)
- Media Law
- Law, Poverty and Developments
- Local Self Government

Elective – II (Crime & Criminology)
- Criminology & Penology
- Prison Administration
- Probation and Parole

Elective – III (International Law)
- Media Law
- Law, Poverty and Developments
- Local Self Government

Elective – IV (International Trade Law)
- International Commercial
- Arbitration International Trade Law
- Dumping and Countervailing Duty

Elective – V (Business Law)
- Law of Corporate Finance
- Law of Tenders
- Legal Regulation of Economic Ent.

Elective – VI (Law & Agriculture)
- Law on Agricultural Finance
- Farmers and Breeders Rights
- Law on Agriculture Infrastructure

List of Honors Courses *(Common to BA-LLB & BBA-LLB Programs)*

Criminal Law Group
- Criminology and Criminal Justice Administration
- Penology and Victimology
- Corporate and White-Collar Crimes
- Women and Criminal Law
- International Criminal Law and International Criminal
- Comparative Criminal Procedure
- Offences Against Children and Juvenile Offences
- Criminal Psychology

Constitutional Law Group
- Service Law, Election Law
- Affirmative Action & Discriminative Justice
- Gender Justice & Feminist Jurisprudence
- Law of Local Self Government
- Legislative Drafting, Indian Federalism
- Comparative Constitutional Law.

Business Law Group
- Corporate Governance
- Corporate and White-Collar
- Insolvency and Bankruptcy Code
- Energy Laws, Law of Infrastructure Development
- Investment Law, Competition Law
- Advanced Contracts- Evolving Jurisprudence in Contracts Law

International Law Group
- Law of International Organizations
- Law of Armed Conflicts
- International Environmental Law
- International Labor Organizations and Labor Law
- International Criminal Law and International Criminal Court
- International Human Rights Law
- Maritime Law
- Air and Space Law

Intellectual Property Rights Law Group
- Law of Copyright
- Law of Patents
- Law of Trademarks
- Designs and GI
- IPR Valuation and Management
- IPR Protection and Technology
- IPR & Pharma Industry
- Biotechnology and Patent Law
- Intellectual Property & Bio-Ethics.

Cyber and Data Protection Laws Group
- Artificial Intelligence and Robotics Law & Regulations
- Cyber Crimes
- E-Commerce and Law
- Data Privacy and Protection Law
- Block Chain and Crypto Currency: Legal Analytics
- Cyber Security and Cyber Forensics
- E-Governance and Judicial Administration
- Emerging Technologies Related Concepts and Law

The LL.B. Program

TThe LL.B. Program is a Three Year Campus based Program offered with a view to impart in-depth knowledge and broad understanding of the subject. The Program focuses on specialization of the discourse of Law. After the completion of the LL. B Program the Students can practice Law as Solicitor or the Barrister.

Duration:

Three years (Six Semesters)

Eligibility:

An Applicant should have passed Class XII (or an equivalent Examination) in any discipline with an aggregate of 45% or higher marks. Students awaiting the results of their final year Examinations in Class XII are also eligible to apply.

Program Structure:

The curriculum is mostly contemporary and innovatively designed and developed in association with academicians and professional experts and as per the guidelines of the Bar Council of India. The Program is organized into six Semesters spread over three years. There are legal internships after every year. The Program consists of 38 Courses covered in six Semesters spread over three years. In every Semester, Students are exposed to elective Courses. The actual offering of electives will however, depend on an optimal number of Students opting for the same elective, which is decided from time to time.

LL.B. Program Structure		
	Semester-I	**Semester-II**
First Year	• General Principles of Contracts • Constitutional Law – I • Indian Penal Code • Family Law-I • Cyber Law • Elective – I	• Special Contracts • Constitutional Law – II • Labor Laws • Family Law-II • Law of Torts and Consumer Protection • Elective – II
Legal Internship (6 weeks)		
	Semester-III	**Semester-IV**
Second Year	• Code of Criminal • Procedure • Fundamentals of Jurisprudence • Intellectual Property Law • Human Rights Law • Alternative Dispute Resolution (Clinical Course – I) • Elective – III	• Code of Civil Procedure & Limitation Act • Administrative Law • Women and Child Laws • Law of Evidence • Professional Ethics (Clinical Course – II) • Elective – IV
	Legal Internship (6 weeks)	
	Semester-V	**Semester-VI**
Third Year	• Environment Law • Banking and Insurance Laws • Property Law • Company Law • Drafting, Pleading and • Conveyance (Clinical Course – III) • Elective – V	• Interpretation of Statues • Law of Taxation • Public International Law • Land Laws • Moot Court (Clinical Course – IV) • Elective – VI
	Legal Internship (6 weeks)	

The program structure is tentative, subject to change (if required)

List of Elective Courses

Elective – I (Constitutional Law)
- Media Law
- Law, Poverty and Development

Elective – II (Crime & Criminology)
- Criminology & Penology
- Prison Administration

Elective – III (International Law)
- Citizenship and Emigration Laws
- Private International Law

Elective – IV (International Trade Law)
- International Commercial Arbitration
- International Trade Law

Elective – V (Business Law)
- Takeovers & Mergers
- Law of Tenders

Elective – VI (Law & Agriculture)
- Law on Agricultural Finance
- Farmers and Breeders Rights

The LL.M. Program

The LL.M. Program is designed to provide advanced legal Education and specialized training to the legal professionals seeking to deepen their understanding of law and enhance their expertise in the specific areas of law. The objectives of the LL.M. Program are manifold, aiming to equip the graduates with the knowledge, skills and the perspectives necessary to excel in a dynamic legal landscape.

Duration :

One Year (02 Semesters)

Eligibility:

Candidates should have passed the Three or Five-years LL.B. Degree from any Indian or Foreign University recognized by the UGC with at least 50% Marks or an equivalent Grade (45% for SC/ST Candidates). Candidates (who have appeared for the final year LL.B. examination) awaiting result of the qualifying examination can appear for the Entrance Test, subject to the condition that they produce the certificate of having passed the qualifying examination as the timeline fixed by the University. A candidate shall be eligible for appearing in the Post Graduate Entrance Test (PET) for the admission to LL.M. (One Year) Degree Program, if he or she has passed LL.B. or equivalent degree securing not less than 50% marks in aggregate considering all the papers in Three Year or Five-Year Degree Course as recognized by the Bar Council of India.

LL.M. Program Structure	
First Year	**Semester-I**
	• Research Methodology and Legal Writing • Law and Justice in a Globalized World • Comparative Public Law **Constitutional and Administrative Law** • Centre-State Relations and Constitutional Governance • Local Self Governance and Direct Democracy • Fundamental Rights and Directive Principles **Corporate and Commercial Law** • Corporate Management and Governance • Banking and Insurance Law • Competition Law **Criminal Law** • Criminology, Penology and Victimology • Criminal Law in India • Law and Organized Crime
	Semester-II
	Constitutional and Administrative Law • Media Law • General Principles of Administrative Law • Constitutionalism, Pluralism and Federalism • Dissertation **Corporate and Commercial Law** • Laws on securities and Financial Markets • Mergers and Acquisitions • International Commercial Arbitration • Dissertation **Criminal Law** • Violence and Criminal Justice System • Juvenile Delinquency • Cyber Crimes • Dissertation

The program structure is tentative, subject to change (if required)

Faculty of Pharmaceutical Sciences (FPS)

Knowledge and Skills play a crucial role in finding the solutions to the various challenges associated with the Management of Diseases. The Faculty of Pharmaceutical Sciences forms a key component of the ICFAI University, Himachal Pradesh. The Faculty of Pharmaceutical Sciences is affiliated with the Pharmacy Council of India to conduct its Pharmacy Program for the Academic Session 2025-26.

The Faculty of Pharmaceutical Sciences is dedicated to quality Education, innovative Research and professional service. Our goal is to produce scientific evidence to improve medication use and health outcomes for all.

The Faculty of Pharmaceutical Sciences is composed of dynamic and experienced Faculty members who are actively engaged in knowledge creation and dissemination at the frontiers of the Pharmaceutical Sciences. The Faculty members have expertise in the fields of Research encompassing Nanotechnology, Pharmacology, Pharmacognosy, Computer Aided Drug Design, Formulation and Development, Chemistry of Natural Products etc. We aim to provide experiential learning opportunities that contribute to a rigorous curriculum and prepare Students for today's dynamic world.

The Faculty of Pharmaceutical Sciences has modern Classrooms and Labs. which are equipped with all the required Instruments, Glassware and the Chemicals.

The Faculty of Pharmaceutical Sciences owns a library which has about 2500 books in it. Latest editions of Indian Pharmacopoeia, British Pharmacopoeia and United States Pharmacopoeia are available which helps Students to remain updated about the current trends of the Pharmaceutical World.

Programs Offered at the Faculty of Pharmaceutical Sciences

- Bachelor of Pharmacy (B. Pharmacy)
- Bachelor of Pharmacy (B. Pharmacy, Lateral Entry)
- M.Sc. Pharmaceutical Chemistry
- Ph.D. in Pharmaceutical Sciences

Strength of Faculty of Pharmaceutical Sciences

- Well Qualified and experienced staff.
- Separate Library for the Students of Pharmaceutical Science
- Highly equipped Labs.
- Excellent Placement support
- Designed Curriculum strongly focused on innovations,
- Creativity and Research
- Innovative Learning Environment
- Practical Learning experience for Students through Industrial Visits
- Problem Based learning and active learning approach.

Bachelor of Pharmacy Program

Bachelor of Pharmacy is a Four Year Undergraduate Course. The Course curriculum combines Pharmaceutics, Pharmaceutical Chemistry, Pharmaceutical Analysis, Pharmacology and Pharmacognosy where Students can learn the various methods of Drugs Formulations, Drug analysis, Natural and synthetic sources of Drug extraction methods and Mechanism of Actions of Drugs. The Course enables candidates to practice the profession of a pharmacist after the completion of the Degree.

The Regulatory Body for the Program is the Pharmacy Council of India (PCI), responsible for laying down all norms and regulations for the B. Pharmacy Course.

Duration: 04 years (08 Semesters); 03 years (06 Semesters) for the lateral entry Students.

Eligibility: An Applicant should have passed the 10+2 examination with an aggregate of 50% and above marks conducted by the respective State/ Central Government Authorities with English as one of the subjects and Physics, Chemistry, Mathematics (PCM) or Biology (PCB / PCMB) as optional subjects.

Any Student possessing any other qualification as approved by the Pharmacy Council of India as equivalent to any of the above Examinations shall also be considered for admission to the B. Pharmacy Program.

For admission to the B. Pharmacy lateral entry Program (in the Third Semester): A Candidate to be eligible for admission to the B. Pharmacy lateral entry Program (in the Third Semester) should have a Diploma in the Pharmacy Course from any Institution as approved by the Pharmacy Council of India under Section 12 of the Pharmacy Act.

(B. Pharmacy) Program Structure		
	Semester-I	**Semester-II**
First Year	• Human Anatomy and Physiology I– Theory • Pharmaceutical Analysis I – Theory • Pharmaceutics I – Theory • Pharmaceutical Inorganic Chemistry – Theory • Communication skills – Theory • Remedial Biology • Remedial Mathematics – Theory • Human Anatomy and Physiology – Practical • Pharmaceutical Analysis I – Practical • Pharmaceutics I – Practical • Pharmaceutical Inorganic Chemistry – Practical • Communication skills – Practical • Remedial Biology – Practical	• Human Anatomy and Physiology II – Theory • Pharmaceutical Organic Chemistry I – Theory • Biochemistry – Theory • Pathophysiology – Theory • Computer Applications in Pharmacy – Theory • Environmental Sciences – Theory • Human Anatomy and Physiology II – Practical • Pharmaceutical Organic Chemistry I– Practical • Biochemistry – Practical • Computer Applications in Pharmacy – Practical
	Module I*: 1. Conference (Desirable) 2. Industrial Training (Desirable)	
	Semester-III	**Semester-IV**
Second Year	• Pharmaceutical Organic Chemistry II – Theory • Physical Pharmaceutics I – Theory • Pharmaceutical Microbiology – Theory • Pharmaceutical Engineering – Theory • Pharmaceutical Organic Chemistry II – Practical • Physical Pharmaceutics I – Practical • Pharmaceutical Microbiology – Practical • Pharmaceutical Engineering –Practical	• Pharmaceutical Organic Chemistry III– Theory • Medicinal Chemistry I – Theory • Physical Pharmaceutics II – Theory • Pharmacology I – Theory • Pharmacognosy and Phytochemistry I– Theory • Medicinal Chemistry I – Practical • Physical Pharmaceutics II – Practical • Pharmacology I – Practical • Pharmacognosy and Phytochemistry I – Practical
	Module II*: 1. Conference (Desirable) 2. Industrial Training (Desirable)	
	Semester-V	**Semester-VI**
Third Year	• Medicinal Chemistry II – Theory • Industrial Pharmacy I– Theory • Pharmacology II – Theory • Pharmacognosy and Phytochemistry II– Theory • Pharmaceutical Jurisprudence – Theory • Industrial Pharmacy I – Practical • Pharmacology II – Practical • Pharmacognosy and Phytochemistry II –Practical	• Medicinal Chemistry III – Theory • Pharmacology III – Theory • Herbal Drug Technology – Theory • Biopharmaceutics and Pharmacokinetics - Theory • Pharmaceutical Biotechnology – Theory • Quality Assurance –Theory • Medicinal chemistry III – Practical • Pharmacology III – Practical • Herbal Drug Technology – Practical
	Module III*: 1. Conference (Compulsory) 2. Industrial Training (Compulsory)	
	Semester-VII	**Semester-VIII**
	• Instrumental Methods of Analysis – Theory • Industrial Pharmacy II – Theory • Pharmacy Practice – Theory • Novel Drug Delivery System – Theory • Instrumental Methods of Analysis – Practical • Practice School	• Biostatistics and Research Methodology • Social and Preventive Pharmacy • Pharma Marketing Management • Pharmaceutical Regulatory Science • Pharmacovigilance • Quality Control and Standardization of • Herbals • Computer Aided Drug Design • Cell and Molecular Biology • Cosmetic Science • Experimental Pharmacology • Advanced Instrumentation Techniques • Dietary Supplements and Nutraceuticals • Project Work
	• * Module 1, 2, 3 and 4 will be Evaluated in 7th Semester under Practice School (BP706PS). Each Module has two components 1. Conference/Seminar & 2. Industrial training. Students have to submit a report for each module in the format provided by the University and a copy of the certificate (for the participation & completion of Conference/Industrial Training) enclosed within the Report. • # Course code from BP803ET to BP812ET are Elective Subjects, Students have to select only 2 out of these subjects.	

Note: The Program Structure is tentative, subject to change

The M.Sc. Pharmaceutical Chemistry Program

M.Sc. in Pharmaceutical Chemistry is a two-year Postgraduate Program which focuses on the study of drugs and their development. This field encompasses the principles and methodologies of Drug Discovery, Delivery, Absorption and Metabolism. It also integrates aspects of Biomedical Analysis, Pharmacology, Pharmacokinetics, and Pharmacodynamics.

Candidates with a Postgraduate Degree in Pharmaceutical Chemistry can pursue careers in various roles such as Scientists, Professors, Researchers, Research Executives, Quality Control and Quality Assurance Analysts, Scientific Data Entry Specialists, Patent Analysts, and Pharmaceutical Patent Analysts.

Duration:

02 years (04 Semesters)

Eligibility:

An applicant should have passed B.Sc. (Medical/Non-Medical) with an aggregate of 50% or more marks from a college or a University as recognized by the UGC/an Affiliating Authority with Chemistry as one of the compulsory subjects.

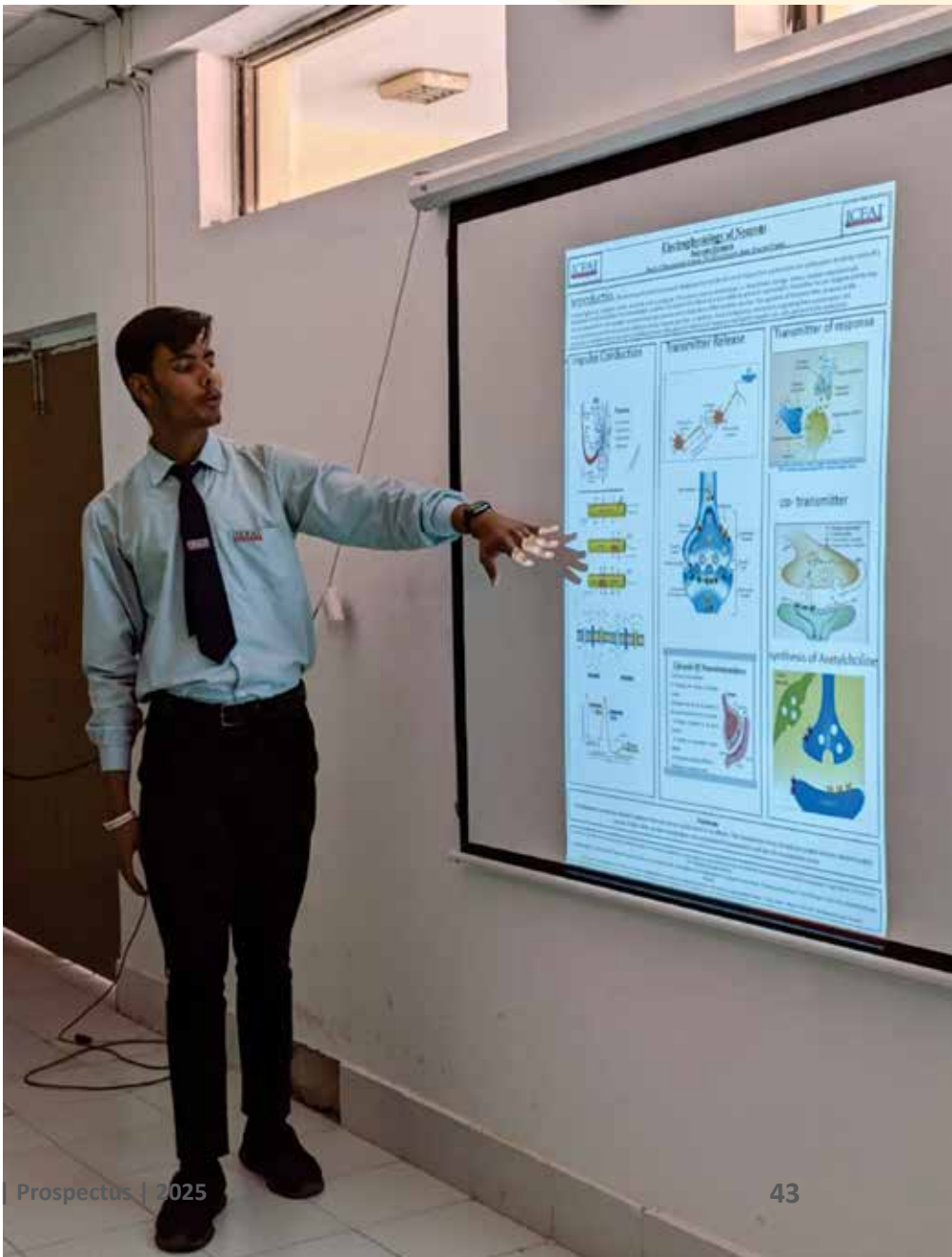
Note:

Eligibility for the B.Pharmacy Graduates:

To be eligible for admission to the M.Sc. Pharmaceutical Chemistry, an Applicant should have passed the B.Pharmacy Examination from a recognized University/College or an Institution as approved by the Pharmacy Council of India (PCI) with a minimum of 50% marks in the aggregate.

M.Sc. Pharmaceutical Chemistry Program Structure		
	Semester-I	**Semester-II**
First Year	• Organic Chemistry-I • Quantitative Analytical Methods • Basic Pharmacology • Basic Computers • Soft Skills • Organic Chemistry-I Practical • Quantitative Analytical Methods • Practical	• Medicinal Chemistry-I • Advanced Analytical Techniques -I • Chemistry of Natural Products • Pharmaceutics • Soft Skills • Chemistry of Natural Products Practical • Advanced Analytical Techniques -I • Practical
	Semester-III	**Semester-IV**
Second Year	• Fundamentals of QA & QC • Advanced Analytical Techniques -II • Drug Delivery System & • Biopharmaceutics • Advanced Analytical Techniques -II Practical • Seminar • Minor Project	• Industrial Training/Project Work in the Institute • Max. Marks: 400 (Thesis: 200 and Viva-voce and Presentation: 200)

Note: The Program Structure is tentative, subject to change



Ph.D. Programs

The ICFAI University offers Ph.D. Programs in the areas:

- Management
- Commerce
- Mathematics
- Physics
- Chemistry
- Computer Science & Engineering
- Law
- Pharmaceutical Sciences

The University is committed to providing an outstanding environment for excellence in Research and Development. The Ph.D. Program of the University is a three-year Regular Program that emphasizes developing the Student's capacity to conduct original Research. The Program encourages the Student to work independently and also to be able to identify, analyze and solve basic and applied Research problems effectively and creatively.

Eligibility:

The minimum qualifications for the admission to the Ph.D. Program is a Master Degree with 55% marks or equivalent grade/CGPA or an equivalent qualification as recognized by the University or with 50% aggregate marks for those belonging to the SC/ST category. The University shall admit Applicants to the Ph.D. Program through an Entrance Test to be conducted by the University. The Applicants who have qualified the UGC-NET/ SET/ CSIR-NET/SLET/GPAT /CLAT/ GATE Examination with a valid score (3 Years) or as prescribed by the UGC/ the concerned Regulatory Bodies shall be exempted from the Entrance Test.

Program Structure:

The Program is organized into four stages, viz., Course Work, Course work Examination, DRC (Departmental Research Committee), RAC (Research Advisory Committee), for Approval of Synopsis that includes Topic of Research and Research work, publishing of papers, RAC (Pre-Ph.D. Submission) and Thesis Submission.

Examinations at the IUHP

The performance of the Students in a Semester shall be evaluated through the Continuous Class Assessment and the End Semester Examination. The Continuous Assessment shall be based on the Class tests, Assignments, Mid Semester tests and the Attendance. The marks for the Continuous assessment shall be awarded at the end of each Semester. The End Semester Examination comprises the Theory Papers, Practical, Viva-Voce, Inspection of Course work in the Classes and the Labs., Project work, Design reports etc.

The distribution of marks for the Mid Semester Examinations, End Semester Theory Papers, Practical and other Examinations including Seminar, Project, Industrial Training and General proficiency shall be as prescribed at the commencement of the Academic Session.

The marks obtained in the subject shall consist of the marks allotted in the End Semester Theory Paper, Practical Examination and Mid Semester Examinations.

To become eligible for the award of Degree for the Undergraduate Courses, the Student must obtain a minimum of 4.5 CGPA and for the Postgraduate Courses, the Student is required to obtain a minimum of 5.0 CGPA of the total marks. In case, a Student fails to obtain passing marks in any subject at any stage, he/she may improve the percentage by reappearing in the subject(s) of his/her choice.

Teaching Schedule

The Academic Year is divided into two Semesters- the Odd Semester and the Even Semester. The Odd Semester spans from July to December of each year and the Even Semester spans from January to June of a year.

Code of Conduct for the Students

The following Code of Conduct is prescribed for the Students at the IUHP:

- Follow the Working Hours of the University. The IUHP functions between 09:00 AM to 05:30 PM (Monday to Friday).
- Keep the Campus Clean and Green. Don't throw litter around. Use dustbins. Keep the Toilets clean and dry. Keep the Cafeteria and the Eating points neat and clean. Don't put any Posters or write anything on the walls.
- Be Punctual and do not miss your Classes. Don't waste time by standing around in the Corridors etc.
- Save Water and Save Electricity wherever and whenever possible in the Campus.
- Use of Mobile Phones in the Academic Area is not permitted. Move out of the Academic Block to attend only to an Emergent call.
- Ragging in any form is illegal and punishable including cancellation of Admission without any Notice/ Refund. A Student will also be Rusticated from the University if found involved in any act of Ragging.

- Be very Polite with your Fellow Beings, Teachers and the Staff. Do not talk in a loud voice.
- Pay your Fees and Dues in Time.
- Wearing of Uniform as prescribed by the FACULTY is a MUST on all working days including the days of the conduct of the Internal as well as the External Examinations.
- 75 % to 80% attendance in each Course / Paper/ Program/ Lab. is a must for every Student for being eligible to appear both in the Internal as well as the External Exams.
- Park your vehicle in the Plot adjacent to the Academic Block or in any designated area for the purpose as may be decided by the IUHP including the area outside the University on the Road side. No Vehicle will be permitted to be brought inside the Academic Area.
- Don't cause any Damage/Loss/ Defacement to any University Property. The Loss/Damage will be recoverable from the Student individually or jointly.
- The nearby Police Post / Police Authorities will be informed of any act of Violence/Vandalism by a Student.
- The Girl Students staying in the Hostel are not permitted to go outside the Campus premises after 07:00 PM in the Summers and 06:00 PM in the Winters.
- Make full use of the Library, Computer Labs. You can also make use of the Open Areas/ Lawns for your Academic pursuits when not in the class.
- Collect the information regarding the Academic Calendar, list of Books, the prescribed Uniform, Time Table, Fee Schedule, Syllabus, Holidays or any other information that relates to a Student from the concerned HOD.
- The University has Zero Tolerance towards any kind of Sexual Harassment and is against any kind of discrimination with any one on the basis of Caste, Creed, Color, Sex, Region, Religion, Language etc.
- The University advises all its Students to improve upon their Soft Skills, Computer knowledge and Contemporary Knowledge. Read Books/ Newspapers / Magazines / Journals etc. right from day one to earn good Grades, Internships and Placements.
- Keep the Buses in which you travel Clean and follow only the Route for which you have sought authorization from the University.
- In case of any difficulty, you can contact the Head of the Faculty concerned or any other Authorized Person / the Mentor / DSW / TPO / Transport Officer / Admin Officer etc. as the case may be.
- Take Membership of any of the University Clubs such as the Photography Club, Social Welfare Club, Environment Club, Literacy Club, Chess / Carom Club.

- Play Indoor / Outdoor games as per the IUHP Schedule.
- Do not do anything which is unbecoming of a Student.
- Follow Examination Timelines as notified by the IUHP.
- Observe/Obey the IUHP Dos/ Don'ts/ Rules / Regulations/ Terms/ Conditions faithfully. Disobedience/Violation of the above said Dos/ Don'ts will be viewed seriously by the IUHP and will attract Disciplinary action..

Ban on Ragging

The Anti-Ragging Committee at The ICFAI University, Himachal Pradesh ensures compliance with the provisions of the UGC Regulations as well as the provisions of the laws in force for the time being concerning Ragging and to prevent Ragging in the University in any form.

Punishments

Depending upon the nature and gravity of the offense as established by the Anti-Ragging Committee of the University, the possible punishments for those found guilty of Ragging at the University level shall be anyone or any combination of the following:

- Cancellation of the admission.
- Suspension from attending the classes.
- Debarring from appearing in any test /Examination or other evaluation processes.
- Withholding results.
- Debarring from representing the University in any regional, National or International meet, Tournament, Youth festival, etc.
- Suspensions/Expulsions from the hostel.
- Rigorous Imprisonment of Three years and / or a fine of up to Rs. 50,000/
- Could be handed over to the Police (Penalty: 02 years in the prison as per Government rules).

As per the instructions of the UGC/Hon'ble Supreme Court of India, each of the Student of the University and his/ her parent and the Guardian are hereby required to submit an affidavit to this effect that nothing that tantamounts to ragging will be done by his/her child/ ward at the IUHP and an affidavit stating this will have to be submitted by the concerned at the time of Registration/ Admission in the prescribed format which is mandatory for Registration/ Admission of the Student.

Educational Methodology

The Educational methodology adopted by the University encourages independent thinking and helps the Students to develop holistic perspectives, strong domain knowledge, contemporary skill-sets and a positive attitude. The University has evolved a comprehensive Student-centric learning approach consisting of several stages designed to add significant value to the learners' understanding in an integrated manner.

Classroom Instruction:

The Students receive full-time classroom instructions which help them learn and consolidate their understanding of the Subject.

Courseware:

The University makes sure that the reference books and the textbooks designed for the study are by and large available in the library.

Assignments:

The Study package also includes self-evaluator assignments which help to evaluate the academic progress.

IT Lab.:

All Students have an access to the well-equipped Computer Labs. for their practical work in the IT Courses.

Soft Skills Lab.:

The Soft Skills Lab. helps the Students in imparting Soft skills that form a vital component of the Corporate needs. The exclusive design and the right mix of teaching and training processes of the Soft Skills Lab. help the Students add new dimensions to their personality. The innovative methodology to impart Soft Skills is a propelling force. An activity-based learner-centered curriculum ensures that the Students are well rounded to understand the subtleties of the Corporate world. The core elements of methodology like the Peer Work, Group Work, Stimulating Group Discussions, Mock Interviews, Skits and the Role Plays etc. instill the required confidence in the Students to meet the challenges of the Corporate work culture.

Language Skills:

There is a facility for developing the language skills in English wherein the Students who are not so proficient in English will be taught the English language to fine tune their oral and written skills.

Summer Internships:

The Summer Internships enable the Students to experience the rigors of the Business environment and apply the concepts learned in the classroom to the real-life situations in the Organizations.

Live Projects:

Students are encouraged to pursue live Projects to enhance their learning by applying theoretical concepts to the Industry situations. This is done under the guidance of the experienced and the well-versed Faculty members to ensure proper focus and implementation of the concepts so as to align these with the live projects.

Continuous Evaluation:

Student performance in each Course will be assessed employing Continuous Evaluation. Students will be evaluated based on Assignments, Seminars, Projects, Theory papers, Practical papers and the Tests.

Training, Placement and the Career Counselling Centre

Training and Placement:

The Training and the Placement Cell at The ICFAI University, Himachal Pradesh looks after the Training and the Placement activities. It is looked after by the Senior Professionals and the Placement Executives. It initiates and maintains the University-Industry dialogue and manages the Summer Internship Programs and enables the final placement activities. The Training and the Placement Cell evaluates the Student performance levels and ensures relevant preparation for their Corporate placements. Working both at the supply and the demand sides of the placements, the Cell plays a vital intermediary role of matching the academic achievements of a Student and the Industry expectations by counselling the Students on a regular basis.

Activities of Training and Placement Cell:

- Facilitating Campus Recruitment
- Seeking Projects and internships for the UG and the PG Students
- Facilitating Summer Training Programmes
- Facilitating Industry-Academia Interactions

The Training and Placement Cell arranges Campus interviews to facilitate the placement of the final year Students from all the branches, inviting a diverse array of Organizations to participate. The Cell maintains an up to date database of these Organizations ensuring robust Industry connections.

Students across the various Postgraduate and the various Undergraduate disciplines are mandated to undertake a tenure in the Industry, completing an Industrial Project under the joint supervision of the Industry Supervisors and the Campus Faculty. The Training and Placement Cell is also actively engaged in the Industry-Institute Interaction Programs including the Faculty Exchange Programs, Mobility of Industrial Personnel Programs and the Joint Research Projects in collaboration with the Industry partners.

Industry Interaction

The University actively fosters the Industry interaction through engagements with a diverse range of the Industry professionals. Collaborative initiatives such as the Summer Projects, Industry Interaction Programs and the Seminars are regularly organized providing the Students with opportunities to demonstrate their organizational and communication skills, analytical abilities and awareness the of contemporary issues before the recruiters.

Resources & Facilities at the IUHP

Internet Facility: The nerve Centre of the University is the Internet and the IT Centre which precisely works on a vision based action. The Internet is provided round the clock through a frequency of 300 Mbps. The Whole Campus of the ICFAI University is Wi-Fi enabled..

Cafeteria: The ICFAI University, Himachal Pradesh has a well-established Cafeteria located within the Campus where tea, coffee, snacks, vegetarian food and other eatable items are available. Quality, tasty and hygienic food is prepared in a hygienic environment, providing wholesome and balanced nutrition. The Cafeteria is open on all working days from 08:00 am to 09:00 pm.

Hostels : Choosing a University Hostel is also about choosing a new home. The ICFAI University ensures that the Students dwell in a healthy environment that helps them to grow and learn without any obstacles.

The ICFAI University, Himachal Pradesh Campus has separate Hostels for Boys and Girls with all the modern facilities. Each room is furnished with beds, chairs, study tables, curtains and a storage space. Basic amenities and the entertainment facilities are provided in the form of LCD TV with DTH in the Common area, Internet facility, uninterrupted power supply, a Gym, the Indoor and the Outdoor Games, a Common room, the Medical facilities and a First-Aid box add to the level of comfort that is required for a hosteller.

The water coolers with ROs are installed in the hostel for clean drinking water. The geysers are also available. Apart from this, 24-hour security is provided at the Hostel gates to ensure a secure abode for the Students.

The Hostel mess serves fresh and hygienic food. The concerned Wardens and the experienced staff look after the University assets and ensure that the Hostels remain responsive at all times.

Mentoring System: The ICFAI University follows the Mentor-Mentee system. The Mentors play a crucial role in mentoring the Students. A mentor, for the Student, is someone who serves as a guide throughout his/her Institutional training. The Mentors provide both a professional and a personal advice to the Students. They further give constructive feedback on the writing, teaching and the other elements of the career design of a Student. They even help the Students to balance their professional goals with their personal lives and provide the emotional encouragement to the Students during the challenging times.

Each Faculty member is a mentor of a group of around 20 Students. The Faculty members maintain an association with the Parents and the University Authorities regarding the attendance, performance and the academic growth of the Students.

Library Facilities: The University has a well-stocked library. The Students have an access to the collection of the contemporary Books and Journals which supplement the prescribed reference books and the textbooks. The Library is augmented with the Books, Periodicals, Journals, Magazines and other Publications on a regular basis.

Sports, Recreational Facilities, NSS Activities and Commemoration of Important National and International Festivals And Days:

The University provides recreational facilities for the indoor and the outdoor games such as the Table Tennis, Chess, Carrom, Badminton, Volleyball, Football, Cricket and Athletics etc. The University also encourages the Students to participate in the various co-curricular activities. Various Clubs have been formed within the University and each Student is required to become a member of at least one club. Club activities foster camaraderie and inculcate a spirit of teamwork.

The Students are encouraged to be a member of the N.S.S. Unit of the University and undertake the N.S.S. activities for the benefit of the University and the Society.

The University also commemorates all the important National Festivals and Days. It also commemorates the important International Festivals and Days such as the World Habitat Day, World Diversity Week, World Environment Day, International Yoga Day etc.

Transportation Facility: For Students who wish to travel from their places of stay to the Campus are offered the transport facility on a nicely maintained fleet of Buses on a payment basis. The Buses are equipped with the various safety devices such as the CCTV cameras and the GPS system. The Buses are being driven by the experienced Drivers who are oriented to take the responsibility and the ownership of those travelling in these buses.

Academia-Industry Interface at the IUHP

Placement Selection Improvement Program: This Program provides the Students with the insights for a better Industry awareness and a strong technical and a sound soft skills set that are required along with an in-depth subject knowledge. Importance is given to the grooming of a Student. It also covers the guidance with respect to the right content and preparation of the resumes as per the defined format. The Students are enthused to correctly approach the interviews and are taught to talk logically, extemporatively as well as in the Group discussions.

Webinars A Webinar is a way of enriching our Students with the latest updates from the Industry. The Students are bestowed with the knowledge about the Industry needs, the latest technical updates and the avenues for the Higher Studies etc. At the ICFAI University, emphasis is placed not only on making the Students academically brilliant but also developing them as the true leaders and true team players, thus, preparing them for the real life Corporate World. Eminent personalities are invited from the Industry and the various academic Institutions to lend valuable information for the benefit of our Students.

Seminar Presentations The ICFAI University is committed to provide quality Education to every Student pursuing their studies in the University. Quality education requires wide coverage, extending beyond the teaching-learning processes in the classrooms where topics are discussed as a part of the syllabi designed through the process of Curriculum development.

Seminars and Workshops are conducted on a regular basis to address the gaps in the Teaching –Learning process. There is an Academic Calendar for such seminars and workshops wherein a schedule is drawn after a thoughtful consideration on the relevant subjects on which such seminars and workshops are to be organized focusing on the different areas of knowledge for all the Faculties for the various Courses. Speakers are chosen with due consideration based on their experience and specialization. Such Seminars and Workshops are not confined to any particular Department - all Faculties and Departments within the University organize these programs to enhance learning.

Corporate Social Responsibility: The Society is a union of human beings living together as an entity meeting the norms and ethical standards set by the Society itself for its existence and its development. In the Corporate world and the Academic Universe, Organizations bear the responsibility of serving the Society in various ways - Adoption of villages, running an NGO or running a Trust for helping the poor etc.

Corporate Social Responsibility (CSR) at the University encourages and propels the Students to imbibe the qualities of enlightened leadership and thereby instills in them a level of trust and confidence about themselves and the community. It encourages the Students to serve the underprivileged sections of the society and enhance their quality of life by willingly contributing their skills and knowledge.

Industrial & Educational Visits The basic purpose of conducting the Educational trips is to provide an exposure to the Students about the business environment. In professional Institutions, such Educational trips are known as Industrial visits. The Students visit the Industries which are relevant for their domain of knowledge to gain practical experience about the operations and the maintenance systems across the different sectors. Every Industry differs because of the varying raw materials and products as well as the distinct operating systems. Therefore, the Industrial Visits need to be arranged only for the Industries which are related to the Courses being pursued by the Students.

At The ICFAI University, Educational trips / Industrial visits are an integral part of the Academic Calendar. Students are periodically sent on Industrial visits under the guidance of the Faculty members from the concerned Departments. During these visits, the Students are taken on the guided tours of the Industrial setups by the company executives who explain the organization's different activities and the operational processes.

Industry Interaction The primary objective of Education in the professional Courses is to groom the young Students to perform efficiently and effectively so that they can gain employment. By employing suitable candidates, the Industry can register growth and the GDP can clock a steady increase over a period of time.

We at The ICFAI University, recognize the importance of such interface and accordingly the Corporate meets are organized where the Corporate leaders are invited to the ICFAI University. These leaders interact with the Faculty members and update them about the demands of the Industry and advise the academic fraternity about the extent of improvements especially in the practical aspects required to make the Students employable. Such Corporate meets are intended to deliberate on the effective use of the strategies for taking advantage of the emerging global opportunities for the Students of Engineering, Management and the other streams.

Faculty Resources The Faculty members are at the core of a high-quality Education system. They play an important role in imparting the right kind of Education to the Students.

The ICFAI University is well aware of the crucial role played by the Faculty members. The Authorities at the IUHP make every effort to ensure that the Faculty members who are recruited are of a high caliber. It is ensured that every Department has a set number of competent Faculty. All Faculty members are highly competent, qualified, experienced and devoted. They mentor the Students so that their every educational and personnel problem is satisfactorily resolved.

Faculty of Management Studies

Dr. Nisha Chanana, *Ph.D, MBA, UGC-NET*
Head of the Department

Dr. Nisha Chanana has 17 years of teaching and research experience. Her current research focuses on key areas such as Organizational Behaviour, Human Resource Practices, Employee Engagement and Marketing Management.

Dr. Bharat Bhushan, *PhD, MBA, M Com, UGC-NET*
Assistant Professor

Dr. Bharat Bhushan has 17 years of experience in teaching and research. His research spans Investment Behaviour, Stock Market Operations, Marketing Management and Finance.

Dr. Chitra, *Ph.D, MBA, M.Com, UGC-NET*
Assistant Professor

Dr. Chitra has 17 years of experience in teaching. Her areas of interest are Training and Development, Industrial Relations and Labour Law, Compensation Management, Banking and Insurance Management, Business Law.

Ms. Nisha, *M.Com, UGC NET*
Assistant Professor

Ms. Nisha Rani brings over 07 years of teaching experience. Her expertise lies in Financial Management, Management Accounting, Financial Accounting, Microeconomics, and Security Analysis.

Mr. Gurpreet Singh, *MBA*
Assistant Professor

Mr. Gurpreet Singh brings over 07 years of teaching experience. His teaching expertise spans across subjects such as Credit Management, Financial Management, Financial Accounting, Corporate Accounting, Cost Accounting, Management Accounting and Managerial Accounting.

Mr. Kshitij Saklani, *M.Com, JRF UGC-NET*
Assistant Professor

Mr. Kshitij has 03 years of teaching experience. He imparts knowledge in subjects such as Direct Taxes, Indirect Taxes, Business Statistics, Indian Economy and Money Banking.

Ms. Amandeep, *M.Com, B.Ed*
Assistant Professor

Ms. Amandeep possesses 02 years of experience and exhibits a keen interest in Principles of Banking and Insurance, Retail Management and Business Environment.

Dr. Ravi Vashisht, *PhD., MBA*
Assistant Professor

Dr. Ravi Vashisht has 12 years of teaching, research and industrial experience. His areas of specialization include Human Resource Management, Organization Behaviour and Business Communication.

Dr. Esha Bansal, *Ph.D, MBA, UGC-NET, Diploma in Banking & Finance*
Assistant Professor

Dr. Esha Bansal possesses 17 years of teaching experience. Her areas of expertise are Behavioural Finance, Operation Research, Strategic Management, Security Analysis and Investment Management.

Ms. Yuvika Singh, *MBA, UGC-NET, Pursuing Ph.D*
Assistant Professor

Ms. Yuvika possesses 14 years of experience in teaching and industry. Her area of interest are Organizational Behavior, training and development, Industrial Relations, Performance Management, Employee Engagement and leadership

Ms. Anjali, *M.Com, UGC NET, Pursuing Ph.D*
Assistant Professor

Ms. Anjali has 05 years of teaching experience. She imparts knowledge in subjects like Income Tax, E-Commerce, Managerial Economics, Microeconomics and Macroeconomics

Ms. Sakshi Jindal, *M.Com, Pursuing Ph.D*
Assistant Professor

Ms. Sakshi Jindal possesses 05 years of teaching experience. She is specialized in Financial Accounting, Cost Accounting, Corporate Accounting, Management Accounting, Financial Management , Financial Analysis, Portfolio Management and Business Mathematics.

Ms. Aditi Jindal, *M.Com*
Assistant Professor

Ms. Aditi has 02 years of teaching experience. Her areas of interest include Cost Accounting, International Finance, Economics, and Insurance.

Faculty of Science & Technology

Dr. Ram Krishan Bhardwaj, *PhD, M.Sc*
Head of the Department

Dr. Bhardwaj has academic and administrative experience spanning over 22 years. His area of interest is Semi-Conductor Electronics.

Dr. Manish Saraswat, *Ph.D, MCA, PGDCA*
Associate Professor

Dr. Manish Saraswat has 20 years of teaching and industry experience. His areas of interest are Optimization Techniques using Genetic Algorithms, Cloud Computing, Real Time System Testing Techniques and Expert Systems.

Dr Sangeeta Bhogal, *Ph.D, M.Phil, M.Sc.*
Assistant Professor

Dr. Sangeeta Bhogal has 06 years of experience. Her areas of interest are Inorganic Chemistry, Nanomaterial and Photocatalysis.

Ms. Yogesh Kumari, *M.Sc. (Chemistry)*
Assistant Professor

Ms. Yogesh Kumari has around 07 years of teaching experience. She has expertise in Organic Chemistry.

Mr. Vivek Kumar Sharma, *M.Tech (ME) & B.Tech (ME), Diploma (Production & Industrial Engg.)*
Assistant Professor

Mr. Sharma has more than 11 years of experience. His areas of interest are Mechanics, Thermodynamics and Machine Design

Mr. Vishal, *M.Tech (CSE), B.Tech (CSE)*
Assistant Professor & System Administrator

Mr. Patyal has 13 years of teaching experience. His areas of expertise are Computer Science & Information Technology, Databases and Data Structures.

Mr. Suryanarayan Ojha, *MCA, Pursuing Ph.D*
Assistant Professor

Mr. Suryanarayan Ojha has 05 years of industry and teaching experience. His areas of expertise are Natural Language Processing , Software Development, Cloud Computing and Artificial Intelligence.

Dr. Pankaj, *Ph.D, M.Phil .(Gold Medalist), M.Sc (Gold Medalist), B.Sc*
Associate Professor

Dr. Pankaj is a renowned scholar in the field of Mathematics and has more than 18 years of experience. His areas of interest are Applied Mathematics, Polymer Science and Mechanics.

Mr. Mahendra Kumar Soni, *M.Tech, M.Sc.*
Assistant Professor

Mr. Soni has around 15 years of experience in academics and administration. His areas of interest are Micro Processor, Micro-Controller, Digital Logic Design, Digital Electronics and Electrical Science.

Dr Ankit Verma, *Ph.D, M.Sc.*
Assistant Professor

Dr. Ankit Verma has 03 years of teaching experience. His current research interests include Hydrogel, Hydrogel Nanocomposite, Ferrites and Water remediation by Adsorption as well as Photo-catalysis.

Ms. Rachna Devi, *M.Sc (Zoology), B.Ed*
Assistant Professor

Ms. Rachna Devi has 09 years of teaching experience. Her areas of interest are Animal Physiology and Genetics.

Mr. Ajay Prashar, *M.Tech (CSE), B.Tech (CSE), UGC Net*
Assistant Professor

Mr. Ajay has 03 years of teaching experience. His areas of interest include Cloud Computing, Machine Learning, Data Mining and Swarm Intelligence.

Dr Bandna, *Ph.D (Botany), M.Sc., B.Ed.*
Assistant Professor

Dr. Bandna Kumari has 02 years of teaching experience. Her areas of interest include Forest Ecology, Carbon Sequestration and Nutrient Cycling.

Ms. Rishika, *M.Sc. (Organic Chemistrty), Pursuing Ph.D*
Assistant Professor

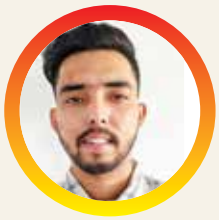
Ms. Rishika Guleria has 05 years of experience working in a Research and Development Laboratory (JRF) funded by DST and ICFRE. Her areas of interest are Natural Products, Phytochemicals and Spectroscopy.

Ms. Vandna, *M.Tech (CSE), B.Tech (CSE)*
Assistant Professor

Ms.Vandna has 03 years of experience in teaching. Her area of specialization is the Internet of Things.

Ms. Charu Sharma, *MCA, M.Sc.(IT), PGDCA, B.Ed*
Assistant Professor

Ms. Charu has 03 years of acedamic experience. Her area of interest is Information Technology.



Mr. Abhishek Kaundal, *MCA*
Assistant Professor

Mr. Abhishek Kaundal has 02 years of experience in teaching. His areas of interest are Database Management System, Software Development and Software Engineering.

Ms. Apurva Pundir, *M.Sc. (Zoology)*
Assistant Professor

Ms. Apurva Pundir has an academic experience of 02 years. Her areas of interest are Immunology, Animal Physiology and Developmental Biology.

Ms Indu Verma, *MCA*
Assistant Professor

Ms. Indu Verma has 05 years of experience in teaching. Her area of specialization is Information Technology.

Ms. Preeti, *M.Tech (CSE), B.Tech (CSE)*
Assistant Professor

Ms. Preeti has 07 years of experience in teaching. Her area of specialization is Machine Learning and Image Processing.

Faculty of Law

Dr. Suresh Kumar, *Ph.D, LL.M., UGC NET, LL.B, B.A., PGDPM & LW, Honors Diploma in Web Application*
Head of the Department
Dr. Suresh Kumar has 13 years of teaching and industry experience. His areas of interest are Business Law, ADR and Cyber Law."

Dr. Legha Mamta, *Ph.D, LLM (Gold Medalist), UGC NET, BBA-LL.B, PG Dip. in IPR and Cyber Law, PG Diploma in Human Rights*
Assistant Professor
Dr. Mamta has 05 years of teaching experience. Her areas of interest include Constitutional Law and IPR.

Dr. Sadanand Pandit, *Ph.D, LL.M., UGC NET, LL.B, B.A., PG Diploma in Cyber Law and Cyber Forensic*
Assistant Professor
Dr. Sadanand Pandit has 04 years of teaching experience. His areas of interest are Constitutional Law, Administrative Law, International Law, Criminal Law, Environmental Law and Property Law.

Sh. Keshva Nand, *B.A., LL.B., LL.M Ph.D. UGC-NET pursuing Ph.D.*
Assistant Professor
Sh. Keshva Nand has 08 years of experience in teaching and industry. His areas of interest are Constitutional Law, Cyber Law and IPR Laws.

Dr. Mamta Kumari,
Ph.D, B.A.,LL.B, LL.M, UGC-NET
Assistant Professor
Ms. Mamta Kumari has 07 years of teaching experience. Her areas of interest are Criminal Law and Criminology.

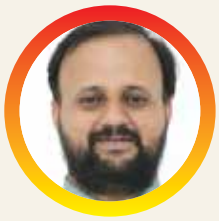
Ms. Champa Devi, *B.A, LL.B, LL.M., Pursuing Ph.D*
Assistant Professor
Ms. Champa has 05 years of teaching experience. Her areas of interest are Constitutional Law, Environmental Law, Law of Evidence and Property Law.

Ms. Pragya Singh, *B.A.LL.B(H), LLM, USET, UGC-NET, Diploma in French, Certificate Course in Patenting Systems, Certificate Course in Global Constitutional Laws, Pursuing Ph.D*
Assistant Professor
Ms. Pragya Singh has 06 years of teaching experience. Her areas of interest are Constitutional Law, Criminal Law and Jurisprudence.

Sh. Munish Kumar, *B.A., LL.B., LL.M, UGC-NET, Pursuing Ph.D*
Assistant Professor
Sh. Munish Kumar has 05 years of teaching experience. His areas of interest are Criminal Law, Administrative Law and Constitutional Law.

Ms. Preeti, *M.Com, UGC-NET*
Assistant Professor
Ms. Preeti has 07 years of corporate experience. Her areas of interest are Micro Economics, Marketing and Business Statistics.

Faculty of Pharmaceutical Sciences



Dr. Ashok Kumar Sharma, *Ph.D, M.Pharmacy, B.Pharmacy, D. Pharmacy*

Associate Professor (Pharmacology)

Dr. Ashok Kumar possesses over 11 years of industrial and teaching experience, with a strong focus on Pharmacology, Pharmacovigilance, Adverse Drug Reactions and Clinical Trials.

Dr. Kiran Yadav, *Post Doc., Ph.D., M.Pharmacy, B.Pharmacy*

Associate Professor (Pharmaceutics)

Dr. Kiran Yadav brings 13 years of teaching and research experience to her academic career. Her extensive expertise covers Innovative Drug Delivery Systems, Nano-formulations and the Delivery of Herbal Medicines.

Ms. Swati Pal,

Assistant Professor (Pharmaceutical Chemistry)

Ms. Swati Pal possesses over 07 years of teaching experience, with a keen focus on areas such as Formulation & Development, Molecular Modeling and Chemical Synthesis.

Mr. Subh Naman, *M.Pharmacy, B.Pharmacy, GPAT, Pursuing Ph.D*

Assistant Professor (Pharmaceutics)

Mr. Shubh Naman has 06 years of teaching and research experience. His areas of expertise encompass the Formulation of Pharmaceutical Products, Product Formulation guided by Quality Design Principles, Artificial Intelligence and Machine Learning.

Ms. Pritiksha Raj, *M. Pharmacy, B. Pharmacy*

Assistant Professor (Pharmacognosy and Phytochemistry)

Ms. Pritiksha Raj brings with her 04 years of teaching and industrial experience. Her research expertise lies in the Extraction and Isolation of Crude Drugs and Molegro Virtual Docker (Computer-Aided Drug Design, CADD).

Ms. Divya, *M. Pharmacy, B. Pharmacy*

Ms. Divya has 02 years of academic experience. Her areas of research include Formulation Development and Novel Drug Delivery Systems.

Dr. Ravinder Sharma, *Ph.D, M.Pharmacy, B.Pharmacy, GPAT*

Associate Professor (Pharmaceutical Chemistry)

Dr. Ravinder Sharma possesses 15 years of experience in teaching and research. His primary areas of focus encompass Pharmaceutical Chemistry, Synthetic Chemistry, Bioinformatics and Artificial Intelligence.

Ms. Shilpa Chandel, *M.Pharmacy, B.Pharmacy, D.Pharmacy, GPAT, Pursuing Ph.D*

Associate Professor (Pharmaceutical Chemistry)

Ms. Shilpa Chandel has 12 years of industrial and teaching experience. Her core competencies encompass Pharmaceutical Analysis, Pharmaceutical Chemistry and Medicinal Chemistry.

Mr. Sumeet Sharma, *M.Pharmacy, PGD in Clinical Research, PGD in Bio Inforatics,*

Assistant Professor (Pharmacology)

Mr. Sumeet Sharma brings 12 years of experience with a versatile background covering Pharmaceutical Marketing, Quality Control, Research & Development and Production. His expertise lies in the domains of Pharmacology, Human Anatomy, Physiology and Pathophysiology.

Dr. Ashima *Ph.D, M.Pharmacy, B.Pharmacy, GPAT*

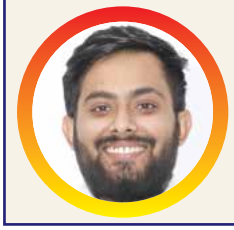
Assistant Professor (Pharmaceutical Chemistry)

Dr. Ashima has 06 years of extensive research experience. Her competencies encompass the Synthesis of Small Organic Compounds and the Adept Handling of Advanced Analytical Instruments.

Mr. Akshay Parihar, *M.Pharmacy, B.Pharmacy, GPAT, Pursuing Ph.D*

Assistant Professor (Pharmaceutics)

Mr. Akshay Parihar has 05 years of teaching experience. His expertise lies in Nanotechnology and the Development and Enhancement of Novel Drug Delivery Systems.



Mr. Sushant, *M.Pharmacy, B.Pharmacy*

Assistant Professor (Pharmaceutical Analysis)

Mr. Sushant has 02 years of teaching experience. His area of interest is Pharmaceutical Analysis.

Mr. Deepak Askar, *M.Pharmacy, B.Pharmacy, GPAT*

Assistant Professor (Pharmaceutical Analysis)

Mr. Deepak has 02 years of research and teaching experience. His expertise are Development of Multicomponent forms for various drugs to improve their Biopharmaceutical properties.

Mr. Ashish Jain,
M.Pharmacy, B.Pharmacy

Assistant Professor (Pharmaceutics)

Mr. Ashish Jain has 03 years of teaching experience. His area of expertise are Pharmeaceutics and Nanotechnology.

Faculty of Liberal Arts

Dr. Anil Kumar, *Ph.D, MA English, M.Phil, UGC-NET, PGCTE (EFLU Hyderabad)*

Assistant Professor

Dr. Anil Kumar possesses 04 years of teaching experience and 08 years of administrative-cum-extension experience. His research focus lies in the realms of Indian Literature and Translation, Caste Narratives and Caste Discourses.

Ms. Surbhi, *MA(English Literature), BA English (Honours), UGC NET*

Assistant Professor

Ms. Surbhi possesses 04 years of teaching experience. Her areas of interest are English Literature, Americal Literature and Gender Studies.

Ms. Sarishti Joshi, *MA (Sociology), HPPSC-SET, Pursuing Ph.D*

Assistant Professor

Ms. Sarishti Joshi has 04 years of teaching experience. Her areas of academic interest include Sociology, Social-Psychology, Cultural & Religious Studies, Rural & Tribal Studies, Criminology, Social Stratification and Development.

Ms. Nancy Sharma, *MA (Ancient Indian History, Culture and Archaeology)*

Assistant Professor

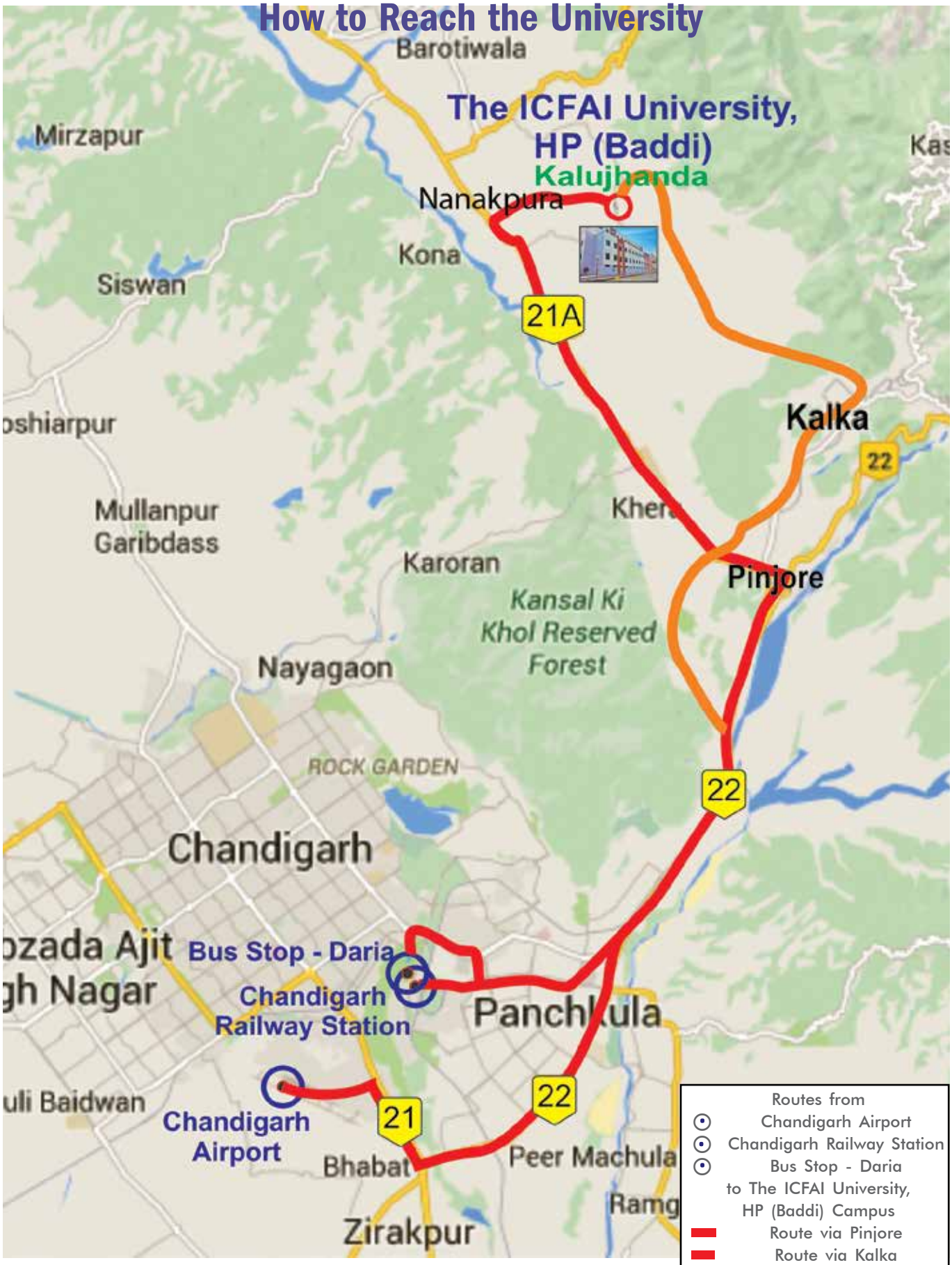
Ms. Nancy Sharma has 02 years of teaching experience. Her keen interest in Archaeology, Ancient Indian Culture and Modern Indian History.

Ms. Shavnam Khan, *MA (Political Science), B.Ed*

Assistant Professor

Ms. Shavnam has 05 years of experience. Her primary areas of interest encompass Indian Polity and Western Political Thought

How to Reach the University



HIMACHAL PRADESH PRIVATE EDUCATIONAL INSTITUTIONS REGULATORY COMMISSION (HP-PERC)
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NOTICE

It is mandatory under the **Himachal Pradesh Private Educational Institutions (Regulatory Commission) Act, 2010** that all the Private Higher Educational Institutions in the State of Himachal Pradesh shall offer Courses which are approved, make Admissions on Merit, Charge Fees as approved by the State Government, Conduct Examinations/Evaluation in a Fair manner and adhere to the Norms of the relevant Regulatory Body regarding the provisions of the Faculty and the Infrastructure.

Any **Violation of the Norms** by the Private Educational Institutions **will attract Penal action** by the HP-PERC under the provisions of Section 11 of the Act.

For any **Grievances/Complaints** concerning any Academic or Administrative lapse/s, such as the overcharging of the Fees, Admissions in contravention of the Norms, Malpractices in Teaching and Examinations and Deficiencies in Faculty and the Infrastructure, one may contact the **Secretary/Public Grievance Officer, HP-PERC** at the above mentioned Address/E-mail along with the relevant supporting documents, if any, for initiating the necessary action.

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E mail	secy-perc-hp@nic.in; regulation-perc-hp@nic.in
Tele Fax	0177-2673663

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