

2012-13

## Placement Brochure



*University Institute of  
Information Technology,  
Himachal Pradesh  
University, Summer Hill,  
Shimla, Himachal  
Pradesh, India-171005.*

## OUR MOTTO

पश्यन्ति ज्ञान चक्षुषः

*eyes of knowledge seeth*

*Sri Mad Bhagvat Gita (10.15)*

## OUR VISION

*To be an academic and technical institution with all branches of technology and science, work in dynamic equilibrium with its social, ecological, scientific and economic environment, striving continuously for excellence in education, research and technological services to nation.*

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Dear Recruiter,

Welcome to UIIT Shimla.

University Institute of Information Technology was started by H.P. University, as one of its campus institute in the year 2000 to train & nurture IT professional through a modern curriculum & state of the art infrastructure. The students are trained through a very strong academic input of the faculty matched by hands on training through live projects conducted by the students with sandwiched vocational training, offering students a real life training to hone their skills.



Placements are an integral part of any professional course. UIIT since its formative years has started much towards placements in a confident manner. We have been recording more than 90% placements since 2004 when our first batch passed out.

I am happy to present this profile of the 2009-2013 batch in the hands of your esteemed organization and would like to extend a warm welcome to you for coming to UIIT, H.P. University in the cool environs of Shimla - The land of eternal snow peaks.

Happy Recruiting.

Dr. Neeraj Sharma

## Message from the Placement Officer

Dear Corporate Friends,

As Incharge, Training and placements, it gives me immense pleasure to invite your esteemed organization to the campus of University Institute of Information Technology (UIIT), Himachal Pradesh University, Shimla, India. This institute was started in the year 2000 and proven its credentials in IT industry, as alumni of this institute have been working around the globe. The batch of B.Tech IT passing out (2009-2013) has been exposed to course curriculum which is at par with national and international curricula, designed by the Board of studies consisting of Directors of IIT's & eminent academicians for prestigious technical institutions of the country and now it is ready for on campus placements. The students are imbibing social and human values along with Live Projects which are being carried out on campus, which is another very critical success factor for professionals. I am sure you will find our students among the best in the country, to take on the challenges of IT industry. We once again cordially invite you for on campus placements at UIIT, H.P. University, Shimla and looking forward to your important visit to this institute. We hope that you will cherish your time at our campus and around the queen of hills.



Thanks & Regards,

Dr. Dhirendra Sharma

University Institute of Information Technology (UIIT), setup in the year 2000 is a premier institution of excellence in Science and Information Technology that develops professionals and leaders of high caliber imbued with values of entrepreneurship, ethics, and social responsibility. It is functioning under "the Executive Council" of the Himachal Pradesh University since year 2000.

UIIT Shimla admit students from all over the country to the Bachelor of Technology in Information Technology and imparts training to make them competent, motivated Engineers, Leader, Thinker, and Scientists. The academic program of UIIT is also approved by the All India Council of Technical education.

UIIT Shimla has established itself as a nodal centre for engineering and technical education being imparted through the different engineering institutions affiliated to Himachal Pradesh University. It provides academic and curriculum input to the all engineering and technical institutions affiliated with the University.

The Institute has a distinguished history of more than 12 years, producing quality graduates every year. The 400+ strong alumni occupy key positions in a lot of corporations, delivering tremendous value to their organization.





“University Institute of Information Technology imparts instructions for Bachelor of Technology in Information Technology (B.Tech (IT)). The duration of the course is 4 years spread over 8 semesters on full time basis. Institute envisages from the beginning itself a close collaboration with the IT industry. This involves holding of workshops in the institute for IT professionals and providing scheduled hands in training to students by arranging summer and winter trainings to work on projects under the supervision of industry peers and faculty. Faculty will be encouraged to do consultancy in collaboration with industry so as to bring the market experience in the laboratories of UIIT. Faculty will also hold collaborated seminars/ workshops in the latest fields of computers and information technology.”

## Course Work

### First year:

C. CODE	FIRST YEAR (1 <sup>ST</sup> SEMESTER)	C. Code	FIRST YEAR (2 <sup>ND</sup> SEMESTER)
AS-1001	APPLIED MATHS-I	AS-1006	APPLIED MATHS 2
AS-1002	APPLIED PHYSICS-II	AS-1007	APPLIED PHYSICS 2
ME-1001	ENGG. GRAPHICS DRAWING	AS-1004/ IT-1002	CHEMISTRY/ FOUNDATION OF INFO. TECHNOLOGY
HU-1003	COMM. & PROF. SKILLS IN ENGLISH	HU-1002	SCIENCE, TECHNOLOGY & SOCIETY
EC-1001	BASIC ELECTRONICS	EE-1001	BASIC ELECTRICAL ENGINEERING
CS-1001	INTRODUCTION TO COMPUTER AND PROGRAMMING IN C	ME-1003	BASIC MECHANICAL ENGINEERING
AS-1003	APPLIED PHYSICS LAB	AS-1005/ IT-1003	APPLIED CHEMISTRY LAB/ MATLAB
EC-1002	BASIC ELECTRONICS LAB	EE-1002	BASIC ELECTRICAL ENGINEERING LAB
ME-1002/ IT-1001	IT TRAINER WORKSHOP I	ME-1004/ IT-1004	IT WORKSHOP-2
CS-1002	COMPUTER PROGRAMMING LAB	ME-1005	BASIC MECHANICAL ENGINEERING LAB

### Second year:

C. CODE	SECOND YEAR (3 <sup>RD</sup> SEMESTER)	C. CODE	SECOND YEAR (4 <sup>TH</sup> SEMESTER)
HU-3001	FUNDAMENTAL OF ECONOMICS	IT(ID)-4001	COMPUTER ARCHITECTURE
IT(ID)-3001	COMPUTER ORGANIZATION	IT-4002	OPERATING SYSTEM CONCEPTS
IT(ID)-3002	OBJECT ORIENTED METHODS & PROGRAMMING	IT-4003	DISCRETE MATHS AND LOGIC DESIGN
IT(ID)-3003	DATA STRUCTURES AND ALGORITHMS	EC(ID)-4001	DIGITAL COMMUNICATIONS
IT-3004	COMPUTER GRAPHICS	IT(ID)-4004	SYSTEM ANALYSIS AND DESIGN
EC(ID)-3001	DIGITAL ELECTRONICS	AS-4001	PROBABILITY/STATISTICS/QUEUING THEORY
EC(ID)-3002	DIGITAL ELECTRONICS LAB	IT-4005	OPERATING SYSTEM LAB I (WINDOWS NT)
IT(ID)-3005	DATA STRUCTURE LAB	IT-4006	OPERATING SYSTEM LAB II (LINUX/UNIX LAB)
IT(ID)-3006	OBJECT ORIENTED METHODS & PROGRAMMING LABORATORY	EC(ID)-4002	DIGITAL COMMUNICATION LAB
IT-3007	COMPUTER GRAPHICS LAB	IT-4007	SAD PROJECT



## Third year:

C. CODE	THIRD YEAR (5 <sup>TH</sup> SEMESTER)	C. CODE	THIRD YEAR (6 <sup>TH</sup> SEMESTER)
IT(ID)-5001	SOFTWARE ENGINEERING	IT-6001	MANAGEMENT INFORMATION SYSTEM
HU-5001	MANAGEMENT OF IT PROFESSIONALS	IT-6002	WEB TECHNOLOGY
IT(ID)-5002	DATABASE MANAGEMENT SYSTEM	AS-6001	NUMERICAL AND STA METHODS & SCIENTIFIC COMPUTING
IT-5003	COMPUTER NETWORKS	IT-6003	ARTIFICIAL INTELLIGENCE
IT(ID)-5004	VISUAL PROGRAMMING	IT(ID)-6004	MULTIMEDIA TECHNOLOGY
EC-5001	MICROPROCESSORS, MICRO COMPUTERS AND INTERFACES	IT-6005	PARALLEL COMPUTING
IT/EC-5005	MICROPROCESSORS, MICROCOMPUTERS AND INTERFACES LABORATORY	IT-6006	ARTIFICIAL INTELLIGENCE LAB
IT(ID)-5006	VISUAL PROGRAMMING LABORATORY	IT-6007	WEB TECHNOLOGY LAB
IT(ID)-5007	RDBMS LAB	AS-6002	SCIENTIFIC COMPUTING LAB/ PARALLEL COMPUTING LAB
ES-5001	VOCATIONAL TRAINING	IT(ID)-6008	MULTIMEDIA TECHNOLOGY LABORATORY
		GP-6001	SEMINAR

## Fourth year:

C. CODE	FOURTH YEAR (7 <sup>TH</sup> SEMESTER)	C. CODE	FOURTH YEAR (8 <sup>TH</sup> SEMESTER)
IT-7001	NATURAL LANGUAGE PROCESSING	IT-8001	HUMAN COMPUTER INTERACTION/ USER INTERACTION DESIGN
IT-7002	MODELLING AND SIMULATION	IT-8002	SECURITY OF INFORMATION SYSTEMS/ INTERNET SECURITY
IT-7003	E-COMMERCE AND ERP	IT-8003	DATA WAREHOUSE AND DATA MINING
IT-7004	INTERNET TECHNOLOGY LAB	XX-XXXX	OPEN ELECTIVES II
XX-XXXX	OPEN ELCTIVE I	XX-XXXX	PROFESSIONAL ELECTIVE II
XX-XXXX	PROFESSIONAL ELECTIVE I	IT-8004	PROJECT II/ INDUSTRIAL TRAINING
IT-7005	INTERNET TECHNOLOGY LAB	IT-8005	PROJECT SEMINAR
IT-7006	MODELLING AND SIMULATION LAB	GP-8001	GENERAL FITNESS FOR SEMINAR AND G.D
IT-7007	E-COMMERCE LABORATORY		
IT-7008	PROJECT I		
ES-7001	VOCATIONAL TRAINING		

C. CODE	PROFESSIONAL ELECTIVES-II	C. CODE	OPEN ELECTIVES-II
IT-8006	GPS AND APPLICATION	IT-8012	DEVELOPMENT OF KNOWLEDGE MANAGEMENT
IT-8007	MOBILE COMPUTING	EC-8001	COMPUTER BASED MEASUREMENT AND CONTROL
ES-8001	NEURAL NETWORKS	IT-8013	PROFESSIONAL ISSUES IN IT
IT-8008	MULTILINGUAL APPLICATIONS	EC-8002	VLSI TECHNOLOGY
IT-8009	SPEECH IMAGE AND CODING	IT-8014	COMPUTER AIDED FINE ARTS
IT-8010	COMPUTER NETWORK MANAGEMENT	CS-8001	QUANTUM COMPUTERS
IT-8011	DIGITAL IMAGE PROCESSING	CS-8020	COMPUTER SOFTWARE TESTING
IT-8015	BIO INFORMATICS		

## Extracurricular activities

At UIIT Shimla, students have several opportunities to participate in co-curricular and activities to ensure an all round development of their personality.

The student body forms a major part of the student activities in the institute among many other activities as Utkarsh: the annual cultural/technical festival of UIIT,



Shimla.

It is through organization roles in this festival that the students acquire a wide variety of interpersonal and managerial skills. In addition, the institute provides a host of opportunities in academic, sports, cultural and organizational activities for students to gain experience and pursue their interests.



Students get enormous experience with their skill and talents get polished in marathon preparation of about 45 days and the test of character in the final shutdown which lasts 2 days.





# Placement Procedure

1. The Incharge, placements, sends an invitation to companies/ organizations with relevant information.
2. The company/organization is required to send their response/confirmation via email.
3. The placement incharge will allot dates for the campus interviews as per information provided through the e-mail. The company/organization can confirm or negotiate the dates with the placement incharge.
4. The requisite information is mailed to the company/organization. The company/organization is required to furnish the final list of students as soon as possible after the completion of the selection procedure.



## How to reach UIIT

### MEANS TO REACH

By road- From Chandigarh

By train- From Kalka

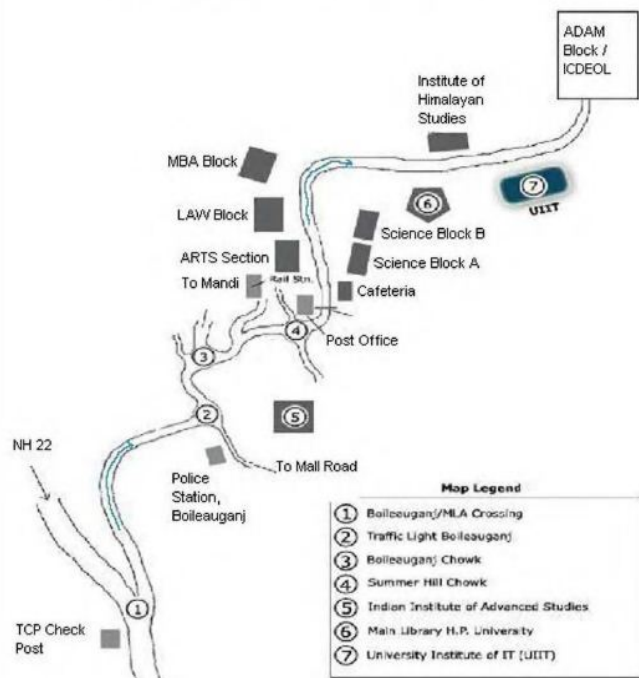
By air- From Chandigarh and Delhi

### CLIMATE CONDITION

Warm from March to October

Cold from November to February

Delhi to Chandigarh -250 km, 5 hrs drive  
Chandigarh to Shimla -120 km, 4 hrs drive



\*\* The institute vehicle would receive you at Airport and escort you to the hotel.





## Contacts

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Director

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### Student Placement Committee

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Chief Minister of HP with VC (HPU) and faculty of UIIT during the puja ceremony.



Parthees selected candidates with HPU VC, Dr. Dharendra Sharma (TPO, UIIT) and the Parthees recruitment team.



New Building of University Institute of Information Technology, Shimla inauguration.



Principal Pradesh Chief Minister cutting the ribbon during inauguration of new building of UIIT.



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