

# UIIT NEWSLETTER



# Bit WITS

A Quarterly Publication By

UNIVERSITY INSTITUTE OF INFORMATION TECHNOLOGY  
H. P. UNIVERSITY SHIMLA-171005  
A NAAC ACCREDITED "A" GRADE UNIVERSITY



**Chief Patron :**

**Prof. Sikander Kumar**  
Hon'ble Vice Chancellor  
H. P. University, Shimla

**Patron :**

**Prof. Nagesh Thakur**  
Dean, Faculty of Engineering &  
Technology H. P. University, Shimla

**Editor in Chief :**

**Prof. P. L. Sharma**  
Director UIIT  
H. P. University, Shimla

**Associate Editor :**

**Dr. Praveen K. Sharma**  
Assistant. Professor, UIIT  
H. P. University, Shimla

**Editor :**

**Dr. Shyam Chand**  
Assistant. Professor, UIIT  
H. P. University, Shimla

# *Contents*

1. UIIT Campus “Eyes of Knowledge Seeth”	4
2. Induction Programme-2019	5
3. National Education Day and Ideathon	9
4. National Workshop on Quantum Computing	10
5. Fresher’s Party-2019	17
6. हिन्दी दिवस	18
7. From the Placement Cell	19
8. UTKARSH 2019	21
9. Other Notable Events/Activities/Developments	24
10. Media Coverage	25
11. Visitor’s Remarks	28





# UIIT Campus “Eyes of Knowledge Seeth”

Initially, it was started with a batch of 60 students for B. Tech. (Information Technology) whereas B. Tech. (Computer Science Engineering) had also been introduced in 2013 with an intake of 60 seats.

University Institute of Information Technology (UIIT) is located on the campus of Himachal Pradesh University at Summer Hill, Shimla. This institute started functioning on 11th September, 2000 through the orders of the Executive Council of Himachal Pradesh University after approval from All India Council for Technical Education (AICTE). Initially, it was started with a batch of 60 students for B. Tech. (Information Technology) whereas B. Tech. (Computer Science Engineering) had also been introduced in 2013 with an intake of 60 seats. With the keen efforts of Hon'ble Vice Chancellor Prof. Sikander Kumar, UIIT has added three new B. Tech. course branches from the academic session 2019-2020 namely- Electronics and Communication Engineering (ECE), Civil Engineering (CE) and Electrical Engineering (EE), with an intake of 60 each. Now UIIT is a well-known Institute throughout not only in India but abroad also, for its quality product.

UIIT is a leading self-financed government institute of North India. It offers an excellent learning environment amid the towering deodar trees with a unique blend of distinguished faculty, brilliant students and strong IT industry collaborations. Its new building, “SILVER WOODS ESTATE”, situated amid rich flora and fauna has been aesthetically planned and designed with excellent infrastructural facilities to offer a congenial environment for the students. The students here pursue their studies in a perfect serene and tranquil environment with beautiful and exquisite surroundings. It is the place where the students lay a strong foundation of their careers.

In view of three new Engineering courses added to the already existing two well established courses, UIIT is one the largest Department of H. P. University. Thus, the expansion of campus of UIIT is in the priority list of University authority. Hon'ble Vice Chancellor is pressing hard to get new academic blocks and residential buildings constructed in near future and process for this is underway. Very soon we would be able to see new additional infrastructure constructed for UIIT.

# Induction Programme-2019

Moreover, the recent directions from All India Council for Technical Education (AICTE) have made it compulsory to organise Students Induction Programme.

The students Induction Programme sometimes referred as Orientation Programme, is one of the programmes which University Institute of Information Technology never misses to organise for the newly admitted B. Tech. students who after going through a rigorous selection process of the Institute make it to UIIT. Ever since its inception in the year 2000, UIIT has kept this tradition alive till date and is committed to follow the same for



the years to come. The programme aims to make the newly admitted students aware about the academic aspects of the course, the rules and regulations of the Institute and ensuring parental participation in monitoring the performance and progress of the students. It is mainly focused to make students aware on their very first day in the institute, about the activities which they are to be involved in the next four years of programme and the do's and don'ts that they have to abide by. The outcome of the one day induction programmes has been very effective and positive over the years for UIIT, in the sense that students feel at ease, safe and secure in terms of their career and life ahead.

Moreover, the recent directions from All India Council for Technical Education (AICTE) have made it compulsory to organise Students Induction

Programme. To ensure zero tolerance towards this activity, the Students Induction Programme is to be made as part of academic programme to be conducted over a span of three weeks. To have a holistic outlook towards life, and have a desire to work for national needs and beyond, the graduating student must have excellent knowledge and skills in the area of his study. However, he must also have broad understanding of society and relationships.





Character needs to be nurtured as an essential quality by which he would understand and fulfil his responsibility as an engineer, a citizen and a human being. Very recently UIIT did organise a one week workshop on the same, which was fully sponsored by the AICTE.

This year, UIIT organized the Orientation Programme for the newly admitted B. Tech. students at the University Auditorium on August 16, 2019. This time we welcomed greatest gathering of all time in the history of UIIT Induction Programmes because UIIT started three new streams of Engineering besides already existing two branches, with a whooping response to the admission. The programme was scheduled to start at 11 AM and all



the new students of UIIT, ETSA members, Staff members, Faculty members and Director UIIT stood up to receive the Chief Guest of the event Prof. Sikander Kumar, the Hon'ble Vice Chancellor, H. P. University Shimla, Guests of Honour Prof. Nagesh Thakur, Dean, Faculty of Engineering and Technology H. P. University Shimla and Er. Ghanshyam Chand, Registrar, H. P. University Shimla.



The programme began with the lighting of lamp ceremony, the honour done by dignitaries followed by University Kulgeet. Prof. P. L. Sharma, Director UIIT, presented the welcome address for the Chief guests, other dignitaries, newly admitted students and their parents. Prof. P. L. Sharma expressed his happiness over the expansion







of UIIT and successful start of new courses. He thanked the Hon'ble Vice Chancellor for providing all support to start the new courses and providing full support for the overall growth of UIIT. The next event was a presentation of Annual Report by Dr. Shyam Chand, Assistant Prof. (Applied Physics) UIIT, in which he presented a detailed report on the academic Activities, extra-co-curricular activities, special events, celebrations, special lectures, Talks and Seminars which took place in UIIT in chronological order and he also highlighted some noticeable achievement of Institute, students and Faculty members during the past one academic session. The next event was the presentation about the placements in UIIT, presented by Dr. Dhirendra Sharma, the then Placement and Training In-charge UIIT. In this event, a mobile App for online attendance developed by UIIT students under the supervision of Dr. Rajesh Chauhan was also launched and details of which were presented by Dr. Rajesh Chauhan. The Guests of Honour Prof. Nagesh Thakur, Dean, Faculty of Engineering and Technology H. P. University Shimla and Er. Ghanshyam Chand, Registrar, H. P. University Shimla, also presented their motivational speeches on the day.

In his speech, the Chief guest Prof. Sikander Kumar, the Hon'ble Vice Chancellor, H.P. University Shimla, welcomed the new entrants to Institute and showered his blessing and words of wisdom upon them. He reiterated his commitment to uplift UIIT in all possible ways and assure his full assistance for the growth of UIIT in the future. He appreciated the efforts of Director, Faculty and Staff of UIIT in making UIIT an amicable place for learning and in maintaining a high standard of education. He expressed delight over the fact that UIIT had an excellent placement record and has become a much sought after institution for engineering studies in Himachal Pradesh. Later, Er. Shweta Rajput extended a vote of thanks to the Chief Guest and Guests of Honour, for sparing their precious time to bless the newcomers.

In the last session the newly admitted students came one by one to the dais to introduce themselves and clear signature of confidence and aspirations could be seen in their body languages. After going through the different sessions of Induction programme all were happy to be landed up in a safe place for the growth of their career and in the anticipation of a joyful four years to come.

# National Education Day and Ideathon



University Institute of Information Technology celebrated National education day on 11th November. On this occasion An idea-hackathon and elocution program was organized for the students by the UIIT to explore themselves and present their views about the education state in India.

The program started with the idea-hackathon event in which students presented their innovative ideas regarding coming up with solutions for various drawbacks of pre-existent scenario.

Sudhanshu (IIY) came up with an improvised public transport management while Navneet (IIY) discussed how employment issues in rural could be curbed. Other participants explained their ideas regarding solving issues at different fronts of the Indian economy.

The elocution event had a session where every aspect of the Indian Education System was discussed. A speaking panel of Sourav, Parika, Divyanshu and Devesh discussed about the education history in pre and post-freedom era of our country. The modern infrastructure was also discussed in the session and finally was concluded with discussing reforms at the college itself.

The event came to an end with a vote of thanks by Dr. Balvir Singh and students reciting the National Anthem.



# National Workshop on Quantum Computing

National Workshop on Quantum Computing was one of such programmes organized by University Institute of Information Technology (UIIT) H. P. University, Shimla.

The history of computer development is a topic that is often used to reference the different generations of computing *devices*. Each one of the five generations of computers is characterized by a major technological development that fundamentally changed the way computers operate. Our journey of the five generations of computers starts in 1940 with vacuum tube circuitry and goes to the present day and beyond with artificial intelligence (AI) systems and devices.







### ***First Generation: Vacuum Tubes (1940–1956)***

The first computer systems used vacuum tubes for circuitry and magnetic drums for memory, and were often enormous, taking up entire rooms. These computers were very expensive to operate, generated a lot of heat, which was often the cause of malfunctions. These devices relied on machine language, the lowest-level programming language understood by computers, to perform operations, and they could only solve one problem at a time. Input was based on punched cards and paper tape, and output was displayed on printouts. The UNIVAC and ENIAC computers are examples of first-generation computing devices.

### ***Second Generation: Transistors (1956–1963)***

The world would see transistors replace vacuum tubes in the second generation of computers. The transistor was far superior to the vacuum tube, allowing computers to become smaller, faster, cheaper, more energy-efficient and

more reliable, still relied on punched cards for input and printouts for output, moved from cryptic binary machine language to symbolic, or assembly, languages. High-level programming languages were also being developed at this time, such as early versions of COBOL and FORTRAN. These were also the first computers that stored their instructions in their memory, which moved from a magnetic drum to magnetic core technology.

### ***Third Generation: Integrated Circuits (1964–1971)***

The development of the integrated circuit was the hallmark of the third generation of computers. Transistors were miniaturized and placed on silicon chips, which drastically increased the efficiency of computers. The users interacted through keyboards and monitors and interfaced with an operating system, which ran many different applications simultaneously. Computers for the first time became accessible to a mass audience because they were smaller and cheaper than their predecessors.

#### ***Fourth Generation: Microprocessors (1971-Present)***

The microprocessor brought the fourth generation of computers, as thousands of integrated circuits were built onto a single silicon chip. The Intel 4004 chip, developed in 1971, located all the components of the computer from the central processing unit and memory to input/output controls on a single chip. In 1981 IBM introduced its first computer for the home user, and in 1984 Apple introduced the Macintosh. As these small computers became more powerful, they could be linked together to form networks, which eventually led to the Internet.



#### ***Fifth Generation: Artificial Intelligence (Present and Beyond)***

Fifth generation computing devices, based on artificial intelligence, are still in development, though there are some applications, such as voice recognition, that are being used today. The use of parallel processing and superconductors is helping to make artificial intelligence a reality. As the size of transistor in current day computer has already reached a quantum limit so, it would not be possible to further miniaturise the system, without involving the quantum mechanics. Moreover, there are many simulations which would not be possible if do not make use of laws of quantum physics. This has led to the culmination of idea of quantum







computers. Quantum computation and molecular and nanotechnology will radically change the face of computers in years to come. The goal of fifth-generation computing is to develop devices that respond to natural language input and are capable of learning and self-organization.

### Quantum Computing-BITs and QUBITs

**Quantum computing** is the use of quantum mechanical phenomena such as superposition and entanglement to perform computation. A **quantum computer** is used to perform such computation, which can be implemented theoretically or physically.

The field of quantum computing is actually a sub-field of quantum information science, which includes quantum cryptography and quantum communication. Quantum computing was started in the early 1980s when Richard Feynman and Yuri Manin expressed the idea that a quantum computer had the potential to simulate things that a classical computer could

not. In 1994, Peter Shor published an algorithm that is able to efficiently solve some problems that are used in asymmetric cryptography that are considered hard for classical computers.

There are currently two main approaches to physically implementing a quantum computer: analog and digital. Analog approaches are further divided into quantum simulation, quantum annealing, and adiabatic quantum computation. Digital quantum computers use quantum logic gates to do computation. Both approaches use quantum bits or qubits.

All computing systems rely on a fundamental ability to store and manipulate information. Current computers manipulate individual **bits**, which store information as binary 0 and 1 states. Quantum computers leverage quantum mechanical phenomena to manipulate information. To do this, they rely on quantum bits, or **qubits**. Qubits are fundamental to quantum computing and are somewhat analogous to bits in a classical computer.



Qubits can be in a 1 or 0 quantum state. But they can also be in a superposition of the 1 and 0 states. However, when qubits are measured the result is always either a 0 or a 1; the probabilities of the two outcomes depend on the quantum state they were in.

Today's physical quantum computers are very noisy and quantum error correction is a burgeoning field of research. Unfortunately existing hardware is so noisy that «fault-tolerant quantum computing still a rather distant dream». As of April 2019, no large scalable quantum hardware has been demonstrated, nor have commercially useful algorithms been published for today's small, noisy quantum computers. There is an increasing amount of investment in quantum computing by governments, established companies, and start-ups. Both applications of near-term intermediate-scale device and the demonstration of quantum supremacy are actively pursued in academic and industrial research.

Ministry of Human Resource Development and All India Council for Technical Education (AICTE) established four **AICTE Training And Learning** (ATAL) Academies in country at Jaipur, Vadodra, Guwahati and Trivendrum on 24.9.2018 to conduct a series of Training Program in various thrust areas in all the four academies. These academies will provide upgraded teaching methods and modules to make technical education more effective and accountable. Faculties will be trained on the eight-module course in these academies in five months. The training will be mandatory for new teachers from 2019 and it will be necessary for existing teachers and assistant teachers while applying for promotions. As a part of its activities, AICTE Training and Learning (ATAL) Academy will conduct 200 programmes (5 day programmes) across the country in Financial Year 2019-2020.

**National Workshop on Quantum Computing** was one of such programmes organized by University Institute of Information Technology (UIIT) H. P. University, Shimla in

collaboration with All India Council for Technical Education (AICTE), from 2<sup>nd</sup> September to 6<sup>th</sup> September, 2019 at UIIT Campus (the one and only Technical Institute selected for the purpose in the state of Himachal Pradesh). About 70 participants from different states of northern India attended this workshop. A group of highly qualified and experts from the field of quantum computing and quantum information processing trained the participants during the workshop.

On the inaugural day, Prof. Sikander Kumar, Hon'ble Vice Chancellor, H. P. University Shimla was the Chief Guest who inaugurated the workshop. Director UIIT Prof. P. L. Sharma felicitated Chief guests, Coordinator, Resource persons and presented his welcome speech. The inaugural ceremony was followed by rigorous academic activities of the workshop for next five days. The participants were extremely excited to attend all the lectures as the topic covered were very informative, innovative and were delivered in best possible way by the subject experts from DRDOs. On the concluding day participants went through an evaluation test which consisted of objective type questions from the topics covered during the workshop. All participants were able to qualify the test which is the testimony to the quality and outcome of the workshop.

In the valedictory function, Chief Engineer Ajay Sharma and Er. P. K. Sharma were the Chief guest and Guest of honour. The certificates of participation were distributed to the participants by the Chief Guest. Some of the participants also shared their experiences of the workshop. They appreciated the efforts made by the Coordinator of the workshop Dr. Dhananjay Dey, the quality and effort made by the resource persons and the hospitality extended by UIIT. Finally Chief Guest gave their speeches and Coordinator UIIT Prof. Jawahar Thakur extended a vote of thanks to the Chief Guest, Guests of Honour, Coordinator of the workshop, Resource persons and the organising team of UIIT, for making the workshop a huge success.

**The  
successfully  
conducted work-  
shop on Quantum  
Computing ended  
with a special  
thanks to:**

**CHIEF PATRON :**

**Prof. Sikander Kumar,**

Hon'ble Vice-Chancellor, H. P. University, Shimla-5

**PATRONS :**

**Prof. Nagesh Thakur**

Dean, Faculty of Engineering & Technology, H. P. University

**Prof. P. L. Sharma,** Director, UIIT, H. P. University, Shimla

**NATIONAL ADVISORY COMMITTEE:**

**Prof. Anil D. Sahasrabudhe,** Chairman, AICTE, New Delhi

**Dr. M. P. Poonia,** Vice-Chairman, AICTE, New Delhi

**Prof. Alok Prakash Mittal,** Member Secretary AICTE, New Delhi

**Dr. R. K. Soni,** Coordinator, ATAL Cell, AICTE, New Delhi & Director, NWRO-AICTE, Chandigarh

**RESOURCE PERSONS:**

Prof. Indranil Sengupta, IIT Kharagpur

DR. Arnab Patra, Scientist, DRDO, Hyderabad

Dr. Mamta Khaneja, DRDO, Hyderabad

Mr. Amit Shrivastava, Scientist –'F',

Mr. ANURAG, DRDO, Hyderabad

Mr. Rohit Sharma, Scientist –'E',

Mr. Harish Sahu, Scientist –'D', SAG, DRDO, Delhi

Mr. Santu Sardar, Scientist –'D', Director DYSL-Quantum Technology, Mumbai

**COORDINATOR:**

**Dr. Dhananjoy Dey,**

Scientist-'F' Scientific Analysis Group, Defence R & D Organization Metcalf  
House complex, Delhi-11054

**LOCAL ORGANIZING COMMITTEE:**

Dr. Dhirender Sharma, UIIT, H.P.U

Dr. Shyam Chand, UIIT, H.P.U

Dr. Praveen K. Sharma, UIIT, H.P.U

Dr. Balvir Singh Thakur, UIIT, H.P.U

Er. Akshay Bhardwaj, UIIT, H.P.U

Er. Anu Gaur, UIIT, H.P.U

Er. Ajay Lotheta, UIIT, H.P.U

Dr. Rajesh Chauhan, UIIT, H.P.U

Mr. Sunil Kumar, UIIT, H.P.U

Er. Shweta Rajput, UIIT, H.P.U



# Fresher's Party-2019

“Fete De Bienvenue”, Fresher's party of B-Tech. Batch 2019-2023, UIIT Shimla, was organized by the students of the 2nd year at hotel Woodrina, Dhalli, Shimla.

“Fresher's Party “in any college is an event for which every student eagerly awaits from their time of admission. Finally 21<sup>st</sup> September 2019, the most awaited day came. “Fete De Bienvenue”, Fresher's party of B-Tech. Batch 2019-2023, UIIT Shimla, was organized by the students of the 2<sup>nd</sup> year at hotel Woodrina, Dhalli, Shimla.

The fresher's day was filled with excitement, enthusiasm, laughter, joy, music and dance. The dress code as decided by the 2nd year was ethnic for the 1st year western for 2nd year. The celebration started at sharp 1 PM at Woodrina Hotel with a warm welcome to the juniors. Many Games like Rakhi, passing the pillow, find your partner and paper dance were also organized for the fresher batch. These games added spices to the event. Further, these games provided an opportunity and a platform to the fresher's for interacting with seniors. Around 5 PM, the first round i.e. Ramp walk started in which the handsome hunks and glamorous Diva's raised the temperature of the hall and burnt the Ramp with then elegance and confidence. Ramp walk was judged by Mr.

& Miss fresher of last year. At sharp 7 p.m our chief guest Dr. Praveen Kumar Sharma, Assistant Professor along with Mr. Rohit Negi ETSA President, Mr. Sahil Kapoor ETSA Vice president, Navneet Jaswal, General Secretary and other ETSA members arrived, From the Ramp walk 10 boys & 10 girls were selected. The 2nd round was talent round in which boys and girls were paired into 10 pairs. In the talent round fresher's showcased their talent. All the pairs did well & they were pretty good. For our judges it was a challenging task to select fine boys & fine girls Round 3 was question round in which the contestants were asked questions through which they showcased their personality. While the results were being calculated our Chief Guest Dr. Parveen Kumar Sharma enlightened the gathering with his wise words. Finally, the results were out - Mr. Varun and Divyanshu Sharma were declared as Mr. Fresher and Miss Fresher respectively.

At the end, ESTA President Mr. Rohit Negi gave a vote of thanks. With this the most memorable event came to an end.

# हिन्दी दिवस



14 सितम्बर 1949 के दिन हिंदी को भारत की कार्यकारी और राजभाषा का दर्जा आधिकारिक रूप से मिला। तब से लेकर आज तक 14 सितम्बर का दिन हिंदी दिवस के रूप में समूचे भारत में मनाया जाता है।

**भ**ारत एक विविध संस्कृति व भाषाओं का देश है। क्षेत्रफल के विशाल स्वरूप के कारण यहाँ अलग-अलग राज्यों में अलग भाषा का स्वरूप देखने को मिलता है। लेकिन यह भी सत्य है कि ज्यादातर राज्य में हिन्दी सामान्य तौर पर समझी व बोली जाती है। यही कारण है कि 14 सितम्बर 1949 के दिन हिंदी को भारत की कार्यकारी और राजभाषा का दर्जा आधिकारिक रूप से मिला। तब से लेकर आज तक 14 सितम्बर का दिन हिंदी दिवस के रूप में समूचे भारत में मनाया जाता है। इस दिवस पर विद्यालयों, महाविद्यालयों व विश्वविद्यालयों में हिन्दी भाषा के विकास हेतु भाषण प्रतियोगिताएँ, संगोष्ठियाँ व सम्मेलन सभाएँ आयोजित कर, हिंदी संस्कृति का मान बढ़ाया जाता है।

इसी संदर्भ में विश्वविद्यालय सूचना प्रौद्योगिकी संस्थान में भी 14 सितम्बर 2019 को हिंदी दिवस का आयोजन किया गया। इस कार्यक्रम के आयोजक डॉ० श्याम चंद व अभियंता अनू महेन्द्रू रहे। कार्यक्रम को दिन के 11:00 बजे आरम्भ किया गया और इस कार्यक्रम में यू०आई०आई०टी० के निदेशक आचार्य पी०एल० शर्मा ने बतौर मुख्यातिथि शिरकत की। मंच का संचालन कार्यक्रम के आयोजक डॉ० श्याम चंद ने किया। कार्यक्रम में संस्थान के सभी छात्र, कर्मचारी व शिक्षकगण मौजूद रहे। सर्वप्रथम कार्यक्रम के आयोजक डॉ० श्याम

चंद ने मुख्यातिथि प्रो० पी०एल० शर्मा व सभी प्रतिभागियों का स्वागत किया और सभी को हिंदी दिवस की शुभकामनाएं प्रस्तुत की। तत्पश्चात छात्रा वैशाली कंवर (सातवाँ सत्र), प्रेरणा (द्वितीय सत्र), राजेश (पाँचवा सत्र), और नीतिक (प्रथम सत्र), ने अपने-अपने वक्तव्य विचार प्रस्तुत किए, जिनकी सभी ने तालियों की गड़गड़ाहट से सराहना की।

इसी बीच कार्यक्रम के मुख्यातिथि आचार्य पी०एल० शर्मा ने इस उपलक्ष्य पर अपने विचार प्रस्तुत किए। उन्होंने कहा कि किसी भी देश के निर्माण व विकास में उस देश के आम नागरिक की भाषा का अमूल्य योगदान रहता है। यदि ज्ञान— विज्ञान व व्यवहार की भाषा एक हो तो उस देश के सभी नागरिकों तक ज्ञान की पहुँच होती है। इस प्रकार उस देश का हर नागरिक देश के विकास में अपनी भागीदारी सुनिश्चित कर सकता है। अमेरिका, चीन, जापान, रूस, ब्रिटेन व जर्मनी जैसे देश इसलिए विकसित और तकनीकी विकास में अग्रणी हैं क्योंकि इन देशों की मातृभाषा ही ज्ञान—विज्ञान व कार्यप्रणाली की भाषा है।

कार्यक्रम के अंत में अभियंता अजय लोथेटा ने मुख्यातिथि, आयोजकों व सभी प्रतिभागियों का, कार्यक्रम को सफल बनाने के लिए, धन्यवाद प्रस्तुत कर कार्यक्रम के समापन की घोषणा की।

# From the Placement Cell

The number of students placed through the campus interviews is continuously rising. The Placement Cell organizes career guidance programmes and training programmes like Mock Interviews, Group Discussions, Communication Skills, Workshops etc.

The Training and Placement Cell of UIIT plays a crucial role in locating job opportunities for Under Graduates passing out from the institute by keeping in touch with reputed IT firms and industrial establishments. It is committed to provide all possible assistance to our students in their efforts to find employment. This commitment is now demonstrated by the existence of a new Incharge, Training & Placements Mr. Sunil Kumar. Under his efforts for placement drives, UIIT has maintained a high placement this year too, so far, which itself is a testimony to our quality. Our Placement Cell operates round the year by conducting systematic interaction and liaison with the industry and continuous career counselling of the students.

The number of students placed through the campus interviews is continuously rising. The Placement Cell organizes career guidance programmes and training programmes like Mock Interviews, Group Discussions, Communication Skills, Workshops etc. It also invites quality resource persons from different industries and academia to conduct training programmes for final year students.

The placement drive for the current passing out batch (2016-20) has achieved excellence so far. Here is the list of placed students:

## TCS:

Rupesh Sharma, CSE  
Naman Mahajan, CSE  
Prajwal AhluWalia, IT

## GreyB:

Sahil Kapoor, CSE  
Gagan Sharma, IT  
Prajwal AhluWalia, IT

## MotherSon Infotech:

Shubham Sharma, IT

## Abaca Systems:

Bhuvnesh Gupta, CSE  
Rupesh Sharma, CSE  
Ramakant Kundan, CSE  
Tarun Patial, CSE  
Mohit Sharma, IT  
Rovin Rai, CSE  
Sunaina Sandhu, CSE  
Ashima Sharma, IT



**Infosys:**

Bhuvnesh Gupta, CSE	Gagan Sharma, IT	Abhishek Kumar, CSE
Rupesh Sharma, CSE	Mohit Sharma, IT	Munish Kumar, CSE
Ramakant Kundan, CSE	Pankaj sharma, IT	Kritika Thakur, IT
Komal Vaidya, CSE	Prajwal AhluWalia, IT	Tarun Patial, CSE
Niyati Gupta, CSE	Manish Thakur, CSE	Vaishali Kanwar, IT
Shagun Thakur, CSE	Parantap Sharma, CSE	Sanandan Sharma, CSE
Abhimanyu, CSE	Ishant chouhan, CSE	Akansha Sharma, IT
Ayush Sharma, IT	Rajat negi, CSE	Mohit Sharma, IT
Sachin, CSE	Amit Sharma, CSE	Pankaj Sharma, IT
Naman Mahajan, CSE	Sahil Sharma, CSE	Nihal Sharma, IT
Naveta Sood, CSE	Avinash, CSE	Abhay Raj Singh Rana, IT
Shreya Singh, CSE	Ranjan Sood, CSE	Preetika Negi, IT
Arvind Kumar Rana, IT	Mukesh Thakur, CSE	Ashima, IT
Arvind Kumar Rana, IT	Vaishnavi, CSE	Basant Nolke, IT
	Vishal Barwal, CSE	

**The placement drive for the current batch is still in progress.**

# UTKARSH 2019

The Technical team and the ETSA gave their heart and soul to organize UTKARSH 2019. The fest was a four day event from 3rd of October to 6th October.

Now how the smell of rain feels like after a hot sunny day? That is what 'feats' are to Engineering students. So is Utkarsh to UIITians, the gala festival. The Technical team and the ETSA gave their heart and soul to organize UTKARSH 2019. The fest was a four day event from 3rd of October to 6th October. It consisted of two types of events the Technical events followed by cultural events. The technical fest is for the geeks gamers and gamblers whereas the cultural fest has music, dance, art you know the drill.

This is the place where new ideas are seen coming alive, the place where newbies get to interact and the young brains get to showcase their skills and compete with others with others to find the best although it is not about the competition. It is all about the fun and excitement which comes along.

The first two days of the fest during which the technical events Dextrria and Allantus took place. Dextrria had games like qibbler, apperture, design X, Winshoot, Problematic webweaver Google hunt, treasure hunt and Attantus the gaming competition

during which game like PUBG, NFS Most wanted, Mini Milita Smacks Down Pain and so many of them were played. Students of different trade different years come along to compete.

The last two days the much awaited cultural fest Music recitation dance story telling extempore speeches pantomime chorus and what not. Students spelled magic on stage as they put up performance from dance to drama. Audience member got on their feet- not just to groove, but also to give standing ovations. Such was the air-electric and full of energy at UTKARSH 2019. The season of college fest provides students a great learning are amassing things they would label as wonderful memories after they grad e. It builds that feeling that you are a part of the college.

The cultural fest started on day three, 5th October 2019 the inauguration of the fest done by our delighted Chief Guest R. K. Soni (Regional Officer and Director NWRD Chandigarh) and the Hon'ble Vice Chancellor of Himachal Pradesh University Prof. Sikandar Kumar and Director P. L. Sharma Director UIIT



in the presence of all the students, teaching and non- teaching staff.

The Chief Guest and Guest of honour were felicitated with Pahadi shawl and pahadi caps as a token of respect. Utkarsh began with Ganesh Vandana followed by dance performance from students of different years, short movies made by students Natty, Bhangra, Western dance. The college band UIIT unplugged made the audience wiggle. Then was Saaz, Star Night, Battle of Bands and Prize distribution.

Students who won different competitions were awarded by the Hon'ble Vice Chancellor and the Director.

During the star night Kuldeep Sharma the Nati King joined and made the whole audience dance to his rhythm. What a performance it was.

The other day band called Swastik performed and gave everybody goose bumps. Everybody had tones of fun fun fun fun ! Air't that what college is all about?



# Utkarsh



## Other Notable Events/Activities/Developments

The nomenclature of University Institute of Information Technology (UIIT) has been changed to University Institute of Technology (UIT)

1. During this period, some vital changes in the academic matters were brought which include the adoption of Credit system, formula for conversion of percentage into credits and vice-versa to all B. Tech. programmes being run by UIIT. The same have been duly approved by the various bodies of the University, such as - BoS, Faculty and Academic council.
2. The pattern of Entrance test for admission to various B. Tech. programmes being run by UIIT has been changed and approved by various academic bodies.
3. The nomenclature of University Institute of Information Technology (UIIT) has been changed to University Institute of Technology (UIT) and w.e.f. 28/02/2020 onwards the new name will be reflected.
4. Maintenance of link road connecting UIIT campus with the main road leading to University Hostels was done with sturdy railings on valley side and laying the interlocking tiles on the surface with proper drainage channels.
5. Shri Daleep Chand (S.O.) got retirement on 31/01/2019 and Shri Shyam Lal Sharma joined the same post in Feb 2020.
6. Sh. Manuj Kumar joined UIIT as a Clerk and Sh. Rishi Raj as JOA in Feb 2020.



## Media Coverage

एच.पी.यू. अगले  
महीने करेगा शिक्षक  
व कर्मचारियों के रिक्त  
पदों को विज्ञापित  
राज्यपाल को कुलपति  
ने सी जानकारी, कुलपति  
ने राज्यपाल के समक्ष  
दिया विश्वविद्यालय का  
प्रस्तुतिकरण  
विश्वविद्यालय 25 सितम्बर  
(अधिसूचना) : विश्वविद्यालय प्रवेश  
विभाग विश्वविद्यालय (एच.पी.यू.) में  
रिक्त पदों शिक्षकों में सी. विद्यालय  
कर्मचारियों के रिक्त पदों को जल्द  
विज्ञापित किया जाएगा। पदों को  
विज्ञापित करने के लिए  
विश्वविद्यालय प्रवेश विभाग  
जिम्मेदार होगा।

अभी बुनियाद डिपार्टमेंट ही अपने लेवल पर कारवायें हैं प्लेसमेंट सैल  
अब सभी छात्रों की प्लेसमेंट के  
लिए होगा ज्वाइंट प्लेसमेंट सैल

शिमला, 11 नवम्बर (ब्यूरो): चेल प्रदेश विश्वविद्यालय के बताया कि महान स्वतंत्रता सेनानी अबुल कलाम के 1947 से लेकर

**न्यूज** **आवारी**

शिमला। हिमाचल विधि के अनुसार नवविवाह में अनिवार्य को हिंदू

गूगल हंट साहिल कपूर रहे विजेता

वि. जा. वि. 17-08-19  
प्रदेश विश्वविद्यालय में स्थापित होगा प्लेसमेंट सैल

राज्यपाल प्रोचाम ने सोने  
प्रदेश विश्वविद्यालय के  
कुलपति, यू.आई.आई.टी.  
में ६ महीने में बने जा रहे  
लिफ्टों के ३९ बर

वि.वि. में शिक्षकों-कर्मचारियों की कमी होगी दूर, जल्द शुरू होगी भर्ती

अगस्त माह में  
कर्मचारियों के रि  
कने

कार्यशाला 2 से

जिमला, 30 अगस्त (श्वेत): हिमाचल प्रदेश विरविद्यालय के सूचना एवं प्रौद्योगिकी सम्मान (यू.आई.आई.टी.) में क्वॉटम कम्प्यूटिंग पर राष्ट्रीय कार्यशाला 2 सितम्बर से शुरू होगी। कार्यशाला 6 सितम्बर तक चलेगी। यह 5 दिवसीय कार्यशाला अखिल भारतीय तकनीकी शिक्षा परिषद नई दिल्ली के तल्लामाइन में आयोजित की जाएगी। यू.आई.आई.टी. के निदेशक प्रो. पी.एल. नाम ने कहा कि कार्यशाला का उद्घाटन विश्वविद्यालय के कुलपति प्रो. मिर्कंदर कुमार कोरो और विशिष्ट अतिथि के तौर पर आई.टी.बी.पी. के सैक्टर कमांडेंट जिमला छा-टीएच पोस्टे उपस्थित होंगे।

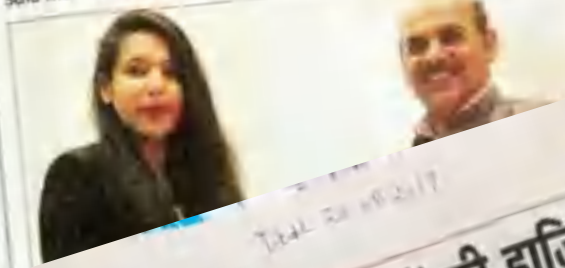
**ईडुएशन लीडर** • यूआईआईटी में इज्जतमान प्रोग्राम में जोड़े जा रही हैं शिक्षक कुमार  
यूआईआईटी में शिक्षकों नहीं रहेगी कमी, नया प्लेसमेंट सेल बनेगा

[illegible]



## 'QUANTUM COMPUTING' SESSION AT UIIT

With the invention of quantum computer, the scenario will be adverse with classical computers' technology because hacking ATMs, online banking, e-commerce will be easily possible, said UIIT Director PL Sharma at the five-day national workshop on 'Quantum Computing' that started at the University Institute of Information Technology of HPU. Sharma said the resource persons of the workshop are DRDO scientists from New Delhi, Mumbai, Hyderabad and IIT-Kharagpur. HPU VC Sikander Kumar said the workshop was useful for the progress of the university.



## आधुनिक मशीनों की जानकारी दी



## TECH FEST BEGINS AT UIIT



Students will give presentations. A four-day tech fest 'TITAN' began on Thursday.

## अटैंडेंस ऐप बताएगी छात्रों की हाजिरी

कम्प्यूटर साइंस तृतीय वर्ष के दो छात्रों ने बनाई ऐप, यूआईआईटी हिमाचल जल्द करेगा इन्स्टोल

## 'QUANTUM COMPUTING' WORKSHOP ENDS

A five-day national workshop on "Quantum Computing" organised by the University Institute of Information Technology, HPU, has concluded. Speaking at the valedictory function, the Chief Engineer-cum-project director (HPRIDC) appreciated the efforts of DRDO scientists and the participants would have benefited from the workshop.

## एचपीयू में क्वांटम कंप्यूटिंग पर व्यापक मंथन, कार्यशाला शुरू

कार्यशाला में विशेषज्ञों से क्वांटम कंप्यूटिंग पर चर्चा होगी



## यू.आई.आई.टी. में उत्कर्ष कार्यक्रम के तहत तकनीकी उत्सव आरंभ

तकनीकी उत्सव के माध्यम से छात्रों को प्रोत्साहित किया जाएगा

## कार्यशाला आयोजित

शिमला, 13 नवम्बर (ब्यूरो): हिमाचल प्रदेश विश्वविद्यालय के यू.आई.आई.टी. में बुधवार को विश्वविद्यालय के प्रथम वर्ष के विद्यार्थियों के लिए 'क्वांटम कंप्यूटिंग' के माध्यम से विकास कार्यक्रम आयोजित किया गया। कार्यक्रम में विद्यार्थियों को क्वांटम कंप्यूटिंग के बारे में जानकारी दी गई। कार्यक्रम में विद्यार्थियों को क्वांटम कंप्यूटिंग के माध्यम से विकास कार्यक्रम आयोजित किया गया। कार्यक्रम में विद्यार्थियों को क्वांटम कंप्यूटिंग के माध्यम से विकास कार्यक्रम आयोजित किया गया।

चंडीगढ़ | शनिवार, 14 सितंबर 2019

## यूआईआईटी में मोबाइल ऐप से लग रही हाजिरी

शिमला। हिमाचल प्रदेश विश्वविद्यालय के यूआईआईटी में अब अटैंडेंस मोबाइल ऐप से शिक्षक कक्षा में छात्रों की हाजिरी मार्क करेंगे। संस्थान ने यह सुविधा शुक्रवार से शुरू कर दी है। बीटेक कोर्स में पढ़ रहे करीब साढ़े आठ सौ छात्र-छात्राओं की हाजिरी ऑनलाइन देखी जा सकेगी। निदेशक प्रो. पीएल शर्मा ने बताया कि इससे छात्रों को सबसे अधिक लाभ होगा। वह 75 फीसदी हाजिरी की शर्त को समय रहते पूरा कर सकेंगे। अधिभावक भी अपनी हाजिरी को लेकर अपडेट रहेंगे।



## UIIT CULTURAL FEST BEGINS



शिष्यता। हिमाचल विश्व के  
यूनिवर्सिटी इंस्टीट्यूट ऑफ

एनपीसी का कार्यक्रम

ऐसे भरे जाएंगे खुआई खुआई में घर

**एचपीयू में क्वांटम कंप्यूटिंग पर होगा नेशनल सेमिनार**  
डीआरडीओ के विशेषज्ञ वक्ता के तौर पर होंगे शामिल

**वार्षिक लिखित परीक्षा  
को 28 नंबर लेना जरूरी**

20 नंबर लेना जरूरी

एचपीयू में बीटंक छात्र विक्रांत की अटेंडेंस ऐप से लग रही हाजिरी

## सोलन

[www.jagran.com](http://www.jagran.com)

हिंदी में करे अपना कार्य और  
हस्ताक्षर : आचार्य पीएल शर्मा



उत्कर्ष सांस्कृतिक कार्यक्रम  
में पहाड़ी नाटी ने बांधा समा  
सुखी पहाड़ी में घर दिवसें कार्यक्रमों में



हिम  
यआईआईटी में मनाया राष्ट्रीय शिक्षा दिवस

[illegible]

# Visitor's Remarks

The Director of UIIT Professor P. L. Sharma and his team made great effort to make this event successful. It's gives us immense satisfaction and dedicated, students of UIIT.

Date	Name & Address	Mobile
2/9/19	UIIT is progressing day by day. I wish all the best the growth of UIIT & Congratulate to the entire team of UIIT for their effort.	9418025437
	<i>VH</i> 2/9/19. Prof. Sikander Kumar Vice Chancellor, H.P. University Shimla-5.	

Date	Name & Address	Mobile
2/9/19	Deepak Kumar Pandey, Lecturer (Assistant) IT, H.P. University, Shimla UIIT is doing excellent and historical work by organizing workshop on Quantum Computing. It will be acting as catalyst for the young students of H.P. University who must harness the infinite energy and potential available in our youth to launch India in the field of Quantum Computing. Keep it up. In Hindi.	9850402323

Date	Name & Address	Mobile
16/03/19	Dr. Phananjoy Dey, Secy. F. SAG, DRDO, Delhi-110054.	9868247231

Remarks
This is my second visit to H.P. University. This time I come for organizing a National Workshop on Quantum Computing under AICTE Training and Learning Academy, ATAL Academy. The director of UIIT, Prof. P.L. Sharma and his team made great effort to make this event successful. It's gives us immense satisfaction to interact with the sincere and dedicated students of UIIT.



