

## *Uttarakhand Technical University*

### 1. Ph.D Admissions

The interviews for admission in Ph.D programme for various specializations of University, G.B Pant College of Engineering, Pauri and Bipin Tripathi Kumaon Institute of Technology, Dwarahat were successfully held from 4<sup>th</sup> to 7<sup>th</sup> July, 2017. The selected were required to report till 31<sup>st</sup> July 2017 for final admissions.

### 2. National Convention on Digital Initiatives

On 9<sup>th</sup> July 2017, Hon'ble President of India, Shri Pranab Mukherjee launched SWAYAM, the portal that takes high quality education to the doorstep of everyone, in the National Convention of Vice Chancellors of all UNIVERSITIES in the country, and Heads of IISc/IITs/IIMs/NITs/IIITs at Vigyan Bhawan, New Delhi.



Along with this, he has also launched the SWAYAM Prabha – the 32 DTH channels operationalised for telecasting high quality educational content free of charge using the GSAT-15 satellite transponders. The function was organised on the eve of the Guru Poonima, a day for salutation to the teachers.



Shri Prakash Javadekar, Hon'ble Minister for HRD honoured the President on the eve of Guru Poonima stating that he had been an ideal teacher worthy of all the respect. Dr M N Pandey MOS for HE welcomed the President. Chief Economic Adviser Dr Arvind Subramanian and Secretaries of Higher Education, and Ministry of IT were also present. Nearly 700 Vice Chancellors from across the Country participated in the national convention. Prof. P.K Garg, Vice Chancellor, Uttarakhand Technical University, also attended the Convention.

### 3. MoU with Indian Air Force

University on 10<sup>th</sup> July 2017, signed an MoU with Indian Air Force, New Delhi at University new premises, to establish academic collaboration for conduct of research programmes in various fields and academic exchange.



The MoU is expected to give a boost to research work and corpus of knowledge in the various fields of Science and Technology. The MoU was signed by Hon'ble Vice-Chancellor, Prof. P.K Garg and Air Vice Marshal S.S Sharma, Ati Vishist Seva Madal, Assistant Chief Of Air Staff(Edn) and Group Captain Maneesha Rajput was present on the occasion.



## 4. ICFAI Convocation Ceremony

The Convocation 2017 of Institute of Chartered Financial Analysts of India (ICFAI) University Dehradun was held on Saturday, 15<sup>th</sup> July 2017 at its campus. Hon'ble Governor of Uttarakhand, Dr. K.K Paul graced the programme as Chief Guest, Prof. Chetan Vaidya, Director, SPA, New Delhi presided as Guest of Honour and Dr. R Ramachandran, IAS (Retd.), Chancellor, ICFAI University was also present on the occasion. Prof. P.K Garg, Vice Chancellor, Uttarakhand Technical University, also attended the convocation ceremony.

## 5. Inauguration of 'Ashiana'

Former Hon'ble President of India, Shri Pranab Mukherjee visited Dehradun, and inaugurated the annexes of 'Ashiana', the presidential retreat, which is situated on Rajpur Road of Dehradun. The Vice-Chancellor, Prof. P.K Garg, also attended the proceedings of inauguration of 'Ashiana'

## 6. TEQIP-III

An orientation programme meeting for Technical Education Quality Improvement Programme (TEQIP)-III was held on July 22, 2017 at India Habitat Centre, New Delhi to strengthen institutions and Universities to produce more employable and higher quality engineers and prepare more post-graduate students to reduce faculty shortage. Prof. P.K Garg, Vice-Chancellor, also attended the meeting. Based on the proposal submitted, UTU was shortlisted under TEQIP III funding.

## 7. UKSEE Counseling

University has successfully organized UKSEE 2017 counseling from 1<sup>st</sup> July to 17<sup>th</sup> July 2017 for admission in various courses of University. As the seats remained vacant from first counseling, University organized the second counseling from 30<sup>th</sup> July to 1<sup>st</sup> August 2017 for admissions into various UG and PG programmes.

## 8. M.Tech and M.Pharm Second Round of Counseling

On 18<sup>th</sup> July 2017, Uttarakhand Technical University, successfully conducted the second round of counseling for admission to M.Tech and M.Pharm programmes of various disciplines at University premises.

## 9. Sponsored Seats for M.Tech

University invited applications for admission in M.Tech. Programme under Sponsored Seats. For details, visit [http://uktech.ac.in/wpcontent/uploads/2017/07/Sponsored\\_M.Tech\\_21.07.2017.pdf](http://uktech.ac.in/wpcontent/uploads/2017/07/Sponsored_M.Tech_21.07.2017.pdf)

## 10. Academic Calendar 2017-18

University on 21<sup>st</sup> July 2017 released the Academic Calendar for (Autumn Semester) 2017-18. All Institutes affiliated to the University shall follow the Academic Calendar. **The details are available at** <http://uktech.ac.in/wp-content/uploads/2017/07/Academic-Calendar-2017-18-Autumn-Semester.pdf>

## 11. Portal of Back Paper Examination

In the interest of the students, the examination portal is again open to fill the odd semester back paper examination 2017 from 25<sup>th</sup> July 2017 to 4<sup>th</sup> August 2017.

## 12. B.Tech Online Counselling

University has successfully conducted the counselling for admission in B.Tech course of various affiliated and constituent colleges of University from 26<sup>th</sup> June to 29<sup>th</sup> July 2017. Dr. S.K Goel, Shri. Rohit Kanauzia and Shri. Gaurav Bhandari was associated with counselling duties.

## 13. Pradhan Mantri Kaushal Vikas Yojana

University in collaboration with AICTE, Kanpur Zone organized the **Skill Development and Awareness Workshop** on PMKVY (Pradhan Mantri Kaushal Vikas Yojana)-2017-18 schemes on 13<sup>th</sup> July 2017 at University New campus-Auditorium.



The Directors and Placement officers of various affiliated and constituent participated in this important workshop. The occasion was graced by Prof. P.K Garg, Vice-



Chancellor, UTU and Dr M K Tiwari, Regional Officer, AICTE – Kanpur, Northern Regional Office.

## 14. Board of Studies

To finalize the curriculum of Bachelor of Architecture (B. Arch), University on 22<sup>nd</sup> July 2017 conducted the Board of Studies at University premises. Prof. Rajesh Chandra, Ex-Professor, IIT-Roorkee, Prof. Nehru Lal, DIT University, Dehradun, Prof. Aanchal Sharma, DBIT, Dehradun and Ms Ramanjyot, Graphic Era Hill University were the experts who finalized the course structure, course contents and course ordinances.

## 15. 11th National Education Summit 2017

On 4<sup>th</sup> July 2017, CMAI Association of India organized 11<sup>th</sup> National Education Summit & Awards 2017 alongwith National Higher Education Summit for Skill Development at Vigyan Bhawan, New Delhi. It is the opportunity available to get recognition of education Institute/Universities by Global leaders of Education and ICT Sector.



## 16. Spoken Tutorial, IIT Bombay

IIT Bombay's , Spoken Tutorial program is working with Uttarakhand Technical University towards empowering all students pursuing Higher Education – UG above -, by providing a range of IT Skills training , from General IT/ Computer Skills to Programming software to lucrative job oriented software training.

The Spoken Tutorial Project is about teaching and learning a particular FOSS (Free and Open Source Software) like Linux, Scilab, LaTeX, PHP & MySQL, Java, C/C++, LibreOffice etc. via an easy Video tool, through Distance learning Mode. Ms. Ruchi Sharma from IIT Bombay has conveyed that approx 49000 students has been trained in Uttarakhand.



Hon'ble Vice Chancellor, Prof. P.K Garg has nominated Ms. Sunita Chandel as Central Coordinator for the Project from the University and has nominated 23 top colleges from the State to work as Nodal college.

## 17. Ph.D Viva Voce held

The University conducted six Ph.D viva-voce exams in the month of July, 2017 in Management, Life Sciences (Zoology), Biotechnology, Pharmacy and Computer Science & Engineering. The viva voce exams of Roope Khare, Manveer Singh Kandari, Shubha Dwivedi, Lubhan Singh, Sanjay Kumar and Jhuma Samanta were successfully completed.

*(Hearty Congratulations to all candidates for successful completion of their PhD program).*

## Forthcoming Events

1. Toppers Conclave at Uttarakhand Rajbhawan is scheduled from Aug 8-12, 2017. This is the third Conclave in the series.
2. The RDC of old and new Ph.D Scholars is scheduled in August 2017, starting from Aug. 8 (Please see the website of the University for details).

## SIHMCT & AN

### 1. UKSEE-2017 Counseling for BHMCT programme

The UKSEE counseling for BHMCT course was held on 10<sup>th</sup> and 11<sup>th</sup> July 2017 at Dehradun. On the first day of counseling on 10<sup>th</sup> July 2017 the selected candidates reported to the allotted venue and submitted their documents to the concerned counseling board. The next day on 11<sup>th</sup> July 2017, the seat allotment was done for BHMCT and MBA course. For BHMCT course, a total of 120 students were available for the counseling. For SIHMCT & AN, New Tehri, Mr. Abhishek Chauhan and Mr. Arvind Singh Negi

were deputed by the Director Dr. Yashpal Singh Negi for the entire counseling session.

## 2. Cleanliness Drive

A cleanliness drive was organized within the premises of the Institute as per the direction of DM, Tehri Garhwal under the Swachh Bharat Abhiyaan on 15<sup>th</sup> July 2017.



All the lab attendants and other supporting staff of the Institute were engaged in cleaning of its premises. The cleaning is done every Saturday to clean the surrounding area of the Institute. The staff promised to maintain the premises of the Institute clean and healthy so that proper environment for academics could be maintained.

## *Maya Institute of Technology and Management*

### 1. Maya Fitness Session by Dr. Ashish Semwal

Physical Fitness and Self Defense Programme was organised in Maya Group of Colleges on 27<sup>th</sup> July 2017 by Dr. Ashish Semwal (Vice Chairman of Maya Group of Colleges) to make the Faculty and Staff aware of various techniques related to it. Shri Shyam Sunder Kukreti (Ex-Principal) of MAYO College Ajmer participated, and attended the training program and found to be very beneficial. He has more than 30 years of teaching experience.



Self-defense programs vary widely, but many have a common thread: to teach students to "neutralize an opponent using as little energy as possible." The purpose of the programme was to discuss various methods for maintaining fitness, and to demonstrate various techniques related to self defense.

The program focuses on behaviours and practical physical skills necessary for self-defense and confidence building such as:

- How to recognize and avoid bullies
- The different types of bullying behaviours
- How to counter teasing and meanness
- Setting boundaries & projecting confidence
- Stranger awareness, "Good v/s Bad"
- Trusting instincts
- Inappropriate behaviour and common child lures
- The importance of reacting quickly and using your voice to attract attention
- Escaping a bad situation
- Age appropriate and practical physical skills for Self-defense.

Intellectual talk on what is fitness and self defense and why it is needed was given by Vice Chairman, Dr. Ashish Semwal. He explained self-defense is about using what you do have. It's about you, as you are, and finding ways to optimize your strengths in your own defense. He emphasized that the self-defense programme should be included in weekly curriculum of students, faculty and staff. Dr Parul Goyal, Director engineering appreciated the programme and participated with great enthusiasm. He added that working to get stronger and faster are good things.



Various faculty and staff participated and demonstrated various moves in self defense. The session ended with a practical training on physical fitness at the gym in Maya

Institute of technology, Selaqui. In this program, Chairman of the College Mr. M.L. Juyal, M.D. Mrs. Tripti Semwal, Secretary Mr. Saurabh Juyal and Director Engineering Prof (Dr.) Parul Goyal were present.

## 2. Inspection all the B.Tech Laboratory equipments

Vice Chairman of Maya Group of Colleges inspected all the B.Tech laboratory equipments. This is a routine inspection done by the Management every year before start of the semester to check the quality working status and functioning of Lab equipments.



During his visit he checked the knowledge and preparation of faculty & staff. Stock Registers, Lab Manuals and Course Files were also checked.



Also the practical files of the students were reviewed to see the practical aspects of Engineering and hands on training given to students. Smart Classrooms, LCD Projectors, Power Point Presentations of faculty were also seen to check the readiness before start of semester.

## SDIMT

### 1. Swachh Bharat Abhiyaan

On 22<sup>nd</sup> July, 2017 SDIMT had organized a cleanliness drive under Swachh Bharat Abhiyaan, which is a nationwide cleanliness campaign run by Govt of India, and initiated by the Hon'ble Prime Minister Shri Narendra Modi. The activity was taken up keeping in mind the dirty

state of ghats of Haridwar after Kanwar Mela.



In the activity, Director General of the Institute Prof. S. C Dhamija and the Principal Mr. Gautam took the broom and other paraphernalia and cleaned the Ghat.



Thus students not only participated in the activity, but also learned the need of keeping their homes, streets and the city clean. Mr. Anurag Gupta, Sunil Sharma, Arpit Gupta, Hitesh Pujari, Pankaj Kumar along with other faculty members enjoyed whole-heartedly this exercise.

## Global Institute of Pharmaceutical Education and Research

Following review article entitled "Current drug design strategies for fighting against swine influenza" by Dr. Sisir Nandi, Associate Professor, GIPER, Kashipur, has been published in Current Drug Therapy, 2017, DOI: 10.2174/1574885512666170504121055.

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### REVIEW ARTICLE

#### Current Drug Design Strategies for Fighting Against Swine Influenza

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**Abstract:** Background: Swine influenza is a seasonal health threat due to global outbreak of H1N1 pandemic in 2009 leading to death of millions of people because of antigenic drift of the dangerous influenza A viral strains. Scarcity of specific chemotherapeutics emphasizes the priority of drug design and discovery of new anti-influenza leads having less toxicity and resistant to the dynamic viral strains.

**Objective:** The present review is an update in the current trends in drug design from the stand point of ligand and structure based screening of potent swine influenza inhibitors.

**Method:** In quest of different drug targets, ligand and structure based chemometric screening tools are the major platform for the design of potent chemotherapeutics having greater affinity towards various targets including polymerase basic protein 1 (PB1), PB1-F2, PB2, polymerase acidic protein (PA), surface glycoproteins hemagglutinin and neuraminidase, nucleocapsid protein (NP), nuclear matrix proteins including M1, Ion pore protein—M2as well as two nonstructural proteins NS1 and NS2, respectively.

**Results:** Ligand based screening deals with QSAR and pharmacophore modeling whereas structure based virtual screening deal with crystallography and molecular docking.

**Conclusion:** The study in this direction can increase the search of hit rates and decrease in cost of drug design and development prior to experiment by producing potent chemotherapeutics against swine influenza.

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This is based on M. Pharm. 2<sup>nd</sup> year project work of Institute's former student, and present faculty Muneer Alam who has done a constructive work in this M. Pharm. thesis.

## **SDIMT**

A Goshala constructed in Swami Darshnanand Institute of Management & Technology, Gurukul Mahavidyalay, Jwalapur campus for the benefits of hostlers, was inaugurated by Acharya Mahamandelshwar Junapithadhishvar Swami Avedheshananand Giri Maharaj.



On this occasion Swamiji addressed the students and guests & stressed upon the importance and properties of keeping cows. He said, if cow dung is mixed with soil continuously 3 times it keeps the soil fertile upto 300 yrs & no pesticide is needed at all. Another important fact about the cow's milk as shared by Swamiji is that 1 litre cow milk yields 8mg gold.



Cow dung is helpful in bringing monsoon & also helps in controlling migrain & hypertension etc diseases. He also revealed the fact that if somebody kills cow in Brazil he gets capital punishment & the most surprising thing is that in Brazil is having 100% Indian Cows. The students enjoyed the talk and seemed very impressed to get the unknown facts about cows. Various Dignitaries present on the occasion.

As the Chairperson of Gurukul Mahavidyalaya Shri Yogendra Singh Chouhan, Vice Chancellor Acharya Hari Gopal Shastri, Acharya Ved Praksh Sahstri, Acharya Mahavir Aggrwal, Ex-V.C Sanskriti University also addressed the audience. Mr. Avinash Chandra Ohri the Industrialist, Mr. Anil Goel the M.D of SDIMT, Mr. J.P. Jwal C.O, Haridwar, Mr. Vishal Garg, Mr. Yogesh Lal Pawa, Ms. Jayalaxmi, Dean Academics, SDIMT & the staff members Ms. Diksha, Mr. Varun Sharma, Ms. Vindya Sharma, Mr. Pankaj Kumar, Mr. Hitsh Pujari, Mr. Dharnidher, Mr. Rakesh, Mr. Anurag Gupta & other dignitaries were present.

***Institutes and students can send their Grievances at [grievances@uktech.ac.in](mailto:grievances@uktech.ac.in)***

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