

HILLY RAMBLINGS

Volume 7 | Issue 1 (July – October 2017)



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JUIT ACCREDITED WITH 'B+' GRADE BY NAAC



Sl. No.	NAME OF THE INSTITUTE	STATE	CGPA	GRADE
18.	Jaypee University of Information Technology, Wagnaghat, Kandaghat, Solan - 173215	Himachal Pradesh	2.66	B+

The NAAC Peer Team visited the university during 18th – 20th September 2017 for accrediting the university under Cycle 2. The University has been accredited with B+ grade by the team. With this grade the university has completed the 2nd Cycle of NAAC accreditation. Previously, in 2011 university was accredited with B grade under four point scale of grading for the 1st Cycle.

Cycle	Year	CGPA	Grade	Scale
I	Sept/2011	2.63	B	4 Point
II	Sept/2017	2.66	B+	7 Point



MoU with PSNSI, Russia



The JUIT has signed a memorandum of understanding (MoU) with Pushchino State Natural Science Institute (PSNSI), Russia, to collaborate in research, teaching, and methodology and based on sharing good practices in research and teaching methods. The MoU was signed by Prof Dr Dulyasova MV on behalf of the PSNSI and Prof. (Dr.) Samir Dev Gupta (Director and Academic Head), and Prof. (Dr.) Vinod Kumar (Vice-Chancellor), Jaypee University of Information and Technology.

Jaypee varsity, Russian institute sign pact

SOLAN, AUGUST 6

Jaypee University of Information and Technology, Waknaghat has signed a memorandum of understanding (MoU) with Pushchino State Natural Science Institute (PSNSI), Russia, to collaborate in research and teaching methodology.

The MoU was signed by Prof Dr Dulyasova MV on behalf of the PSNSI and Dr Samir Dev Gupta, director and academic head, Jaypee University. Vice-Chancellor Dr Vinod Kumar said this MoU was based on sharing good practices in research and teaching methods.

He said mutual assistance would be provided in improving the qualification and training of the academic staff through this MoU which would be operational for five years. The two institutes have agreed on scientific and educational cooperation through exchange of researchers, graduates and undergraduate students.

Dr Tatiana Avashina from PSNSI said the MoU would facilitate research in physiology and application of microorganisms and help build cooperation between the two institutes through student exchange. — TNS

IEEE – ISPC 2K17 (21 – 23 September 2017)

SIGNAL PROCESSING, COMPUTING AND CONTROL (ISPC 2017)

The 4th IEEE ‘International Conference on Signal Processing, Computing and Control’ (ISPC – 2K17) was organized by Jaypee University of Information Technology, Wanknaghat during 21st –

computing, control and their applications to present and future work as well as to exchange research ideas.



23rd September 2017 in its campus. The ISPC 2017 was organised by Department of Electronics and Communication Engineering of the University with sponsorship of IEEE, USA and Delhi Section.



Like the previous years, the proceedings of the conference were published in IEEE Xplore. ISPC2k17 received a total of 483 paper submissions. After a rigid peer review process,



The theme of the conference was Signal Processing, Network and Communication, VLSI and Embedded Computing, Control and Automation, Software Engineering & Emerging Technologies and Special Session. The aim of the ISPC is to serve for researchers, developers, educators working in the area of signal processing,



123 papers were selected for inclusion in conference proceedings supported by IEEE Xplore. The paper acceptance rate was 25.4%. We had with us our speakers Prof. Panicos Kyriacou, Professor of Biomedical Engineering City University, London, Prof. Dinesh Kumar, Electrical and Computer System Engineering, RMIT University, Melbourne, Australia, and Dr. H.K. Sardana CSIO Chandigarh as integral part of our conference.

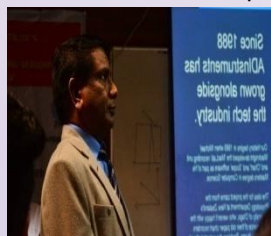


Dr. Sunil V. Bhooshan was the Principal General Chair while Dr. Meenakshi Sood and Dr Shruti Jain were the Conference General Chairs.

Three Day workshop (21 – 23 September 2017)

BIO MEDICAL SIGNAL PROCESSING: WIRED TECHNIQUES V/S WIRELESS TECHNIQUES

Department of Electronics and Communication Engineering organized a Three day workshop on “Bio Medical Signal Processing (Wired techniques v/s Wireless techniques)” by the experts from



Specialist -North).

The aim of the talk to introduce the Researchers, Engineering students and Educators with

ADInstruments, New Delhi from September 21st to 23rd 2017. It was conducted by Mr. JKL Prasad (BDM - North & East) and Mr. Muktesh Sharma (Application



Innovative, Powerful, Flexible and Accurate Wireless Products (Delsys and Equival) and Data acquisition system (Teaching

system) of ADInstruments which will help them to record and analyze data quickly and efficiently. Our wireless physiological



recording solutions are able to stream a broad range of signals direct into LabChart software so that user can simultaneously display and analyse multiple signals in real-time.

Delsys Trigno Wireless system incorporates all the functionality essential to acquire and analysis of raw and filtered EMG, Triaxial (Acceleration, Rotational Velocity and Magnetic orientation) signals. It comprises a library of ready-to-use calculations for signal processing and calculations the way user wants. User-friendly graphical interface, quick view tools and batch processing capabilities make post-processing of EMG, biomechanical sensors signals simple and efficient. It allows seamless integration with video files and external data files via Import/Export features. It can be integrated with powerful engineering tools like MATLAB and LabVIEW. It supports frame-by-frame video playback option for inspecting the EMG activity collected in synchronization with 3rd party video capturing system.



Equival Wireless system records and intelligently processes data measured from the real-time mobile person and able to transmit this over a wireless interface. It measures ECG, heart rate, breathing rate, skin temperature, activity and body position, and connects with external sensors to store and transmit their data. The recorded data streams wirelessly put straight into LabChart Software. The long battery life and comfortable design make it ideal for long sampling periods.

More than 250 students, 50 participants and 25 faculty members have attended the workshop. Dr. Shruti Jain and Dr. Meenakshi Sood were the coordinators of this workshop.

Three Day workshop (21 – 23 September 2017)

INQUIRY-BASED BIOMEDICAL SIGNAL PROCESSING LABORATORY: FROM PRACTICE TO SIMULATION

Department of Electronics and Communication Engineering organized a Three day workshop on “Inquiry-Based Biomedical Signal



Processing Laboratory: From Practice to Simulation” by the experts from Biopac, New Delhi, India from September 21st to 23rd 2017. It was conducted by Mr. Vineet.

The aim of the workshop was to serve researchers, developers, educators working in the area of Biomedical Signal Processing, wireless area network and their application work as well as to exchange ideas.

Biomedical Signal Processing Laboratory incorporates several components that enhance its

usefulness for inquiry-based learning. The Laboratory orients around the physical construction and testing of a variety of simple signal



processing circuit modules, introduced as lessons. The characteristics of each module can be easily determined through measurement with a BIOPAC data acquisition system. Additionally, the system software permits simple comparisons between real-world and simulated signal processing module characteristics.

More than 250 students, 50 participants and 25 faculty members have attended the workshop. Workshop was a joint effort of Dr. Shruti Jain (Associate Professor, Department of ECE) and Dr. Meenakshi Sood (Assistant Professor, Department of ECE).



NPTEL workshop (15 September 2017)

MASSIVE OPEN ONLINE COURSES (MOOCs)



Prof. Mangala Sunder Krishnan of IIT Madras conducted a workshop on Massive Open Online Courses (MOOCs) on 15 September 2017. The JUIT has been orienting and

encouraging students and faculty to use MOOCs resources for their professional and day today learning. The MOOCs established by the National Programme on Technology Enhanced Learning (NPTEL), which is a project funded by Ministry of Human Resource Development (MHRD) provides E-learning through online web and video courses in engineering, sciences, technology, management and humanities. This is a joint initiative of seven IITs and IISC Bangalore. Other selected premier institutions also act as associated partners. It has developed curriculum based 1200+ video courses and web based E-courses targeting students and faculty of institutions offering engineering programs.

Prof. Mangala Sunder Krishnan has been instrumental in developing NPTEL and brings it

at the main stream of national level. Prof. Mangala Sunder Krishnan, Department of chemistry, IIT Madras, one of the national coordinators of NPTEL, project from 2003 to 2015. He obtained his Ph.D from McGill University, Montreal, Canada (in theoretical chemistry). He has been the national web courses coordinator for the NPTEL for a period of 12 years from 2003 - 2015 and continues to contribute to it. He is a member of Executive Board of National Institute of open schooling and NCERT.

Hon'ble Vice Chancellor, Dr. Vinod Kumar acknowledged the guest of honour by presenting him Himachali Topi (traditional welcome) and a memento. About 150 students along with members of faculty and staff attended the session. During the first half of the session Prof. Mangala Sunder Krishnan introduced the audience with MOOCs, objectives, benefits, registration for course/s with assignment and certification process. In the second half interactive discussions were held with the students on various associated queries.



ICT mode Short Term Course (23 – 27 October 2017)

CLOUD COMPUTING THROUGH ICT

Jaypee University of Information Technology, Wazirpur had been designated as one of the remote center to conduct the Short Term Course (STC) on "Cloud Computing Through ICT" from 23-27 October, 2017 in association with NITTTR Chandigarh.

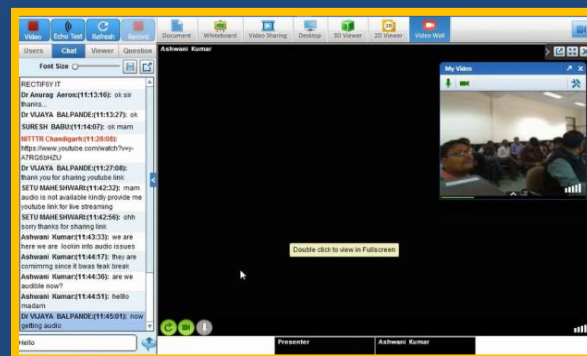
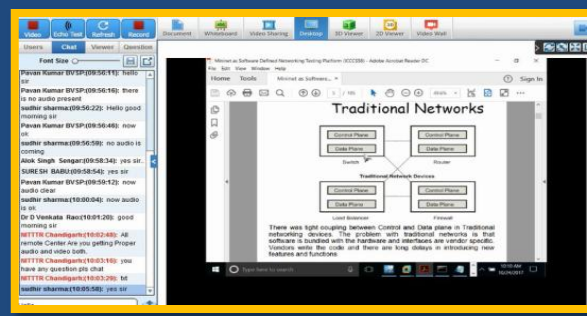
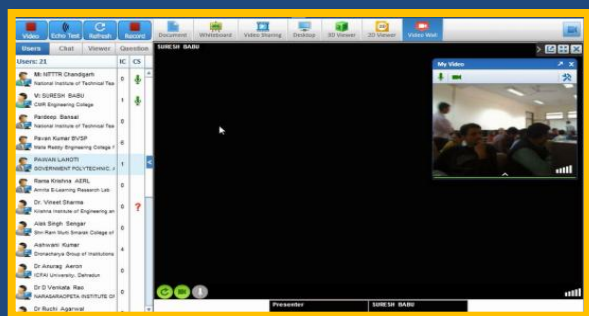
The STC was locally coordinated by Dr. Hemraj Saini, Department of Computer Science and Engineering and at the National level the STC was supervised by the Overall Course Coordinator – /Ms. Mala Kalra, Assistant Professor, Department of Computer Science and Engineering, NITTTR, Chandigarh and Mr. Amrendra Sharan, Jr. System Programmer, Computer Science and Engineering, NITTTR Chandigarh.

In the STC total fifteen (13) Sessions were delivered from NITTTR Chandigarh in ICT mode.

Following Faculty/Experts were involved to deliver the presentations or practical exposures of the related topics to the theme-

- **Er. Mala Kalra**, Assistant Professor
- **Er. Aditya Bhardwaj**, Research Scholar
- **Dr. Rajinder Sandhu** (Post Doc., University of Melbourne, Australia)
- **Er. Vipin Gupta**, U-Net Solutions, Moga
- **Er. Rohit Handa**, Assistant Professor, PEC University of Technology, Chandigarh
- **Dr. Gaurav Kumar**, Director, Magma Research & Consultancy Pvt. Ltd.

At our remote center 71 registrations were sought and out of that 44 participants were regular and successfully completed the STC.



IPR Workshop (13 October 2017)

PATENT DRAFTING

On 13th October 2017 the IPR Cell of Jaypee University of Information and Technology, Wanknaghat in collaboration with HIMCOSTE (Himachal Pradesh Council for Science, Technology & Environment) organized its 3rd workshop at campus premises with the support of Joint member secretary Shri. Kunal Satyarthi, IFS. The workshop was on Patent Drafting, specifically focusing on upcoming problems and solutions in Intellectual Property.

The Institute was proud to host eminent speakers in the field Dr. Indranil Saha and Ms. Ritika Kanwar. The event started off with an inaugural address by Prof. Vinod Kumar, Vice Chancellor, JUIT & Dr. Sudhir Kumar (Coordinator, IPR cell, JUIT). Dr. Indranil Saha is Patent advocate in New Delhi, a Ph.D from IISc Bangalore and LL.B (Hons. IPR) from IIT, Kharagpur. Dr. Saha initially presented his lecture on 'Science and Patent law'.

This was followed by a lecture on 'IPR: Problems and Solutions' by Ms. Ritika Kanwar, also a LL.B, Hons. IPR from IIT, Kharagpur and currently working as a Patent Scientist at HPPIC, Shimla. Notably, Ms. Ritika Kanwar has been a student of JUIT and was "glad to be back" (at campus). Dr.Saha then enlightened the crowd on 'Basic concepts of Patent Drafting', an integral part of Intellectual Property Rights.

More than Eighty participants including post graduates, research scholars and faculty of JUIT participated in the workshop. The workshop was followed by a Logo Designing competition for the IPR cell of JUIT. Mr Sachin Sharma (M.Tech student) was the winner of the competition and was awarded with a cash prize of Rs 2000. The event ended with the Valedictory function where our guests were felicitated by Prof Samir Dev Gupta, Director and Academic Head at JUIT and participants were awarded with certificates.



Workshop at CSK HP Krishi Vishvavidyalya Palampur (16-17 October 2017)

SEQUENCE COMPARISON, ALIGNMENTS AND PHYLOGENY

Dr. Tiratha Raj Singh, Assistant Professor, Department of Biotechnology and Bioinformatics was invited to organize a Short Term Training Course on “Sequence comparison, alignments and phylogeny” on October 16-17, 2017 at Department of Agricultural Biotechnology, College of Agriculture, CSK HP Krishi Vishvavidyalya Palampur (H.P.). Dr. Singh delivered lectures on various sequence formats, local alignment, global alignment, pairwise and multiple sequence alignments. Mr. Ankush Bansal (Research Scholar) assisted trainees in practical session on implementation of bioinformatics techniques on real data. Dr. Singh also explained the implications of bioinformatics tools and techniques in agricultural domain and helped students and scientists to understand the diverse applications of bioinformatics with respect to research as well as career options.



ISSUES RELATED TO ENVIRONMENT

By Dr. Vandana Shiva
(23 Sept. 2017)



Jaypee University of Information and Technology, Wakhnaghat organized a Popular Lecture Series by eminent speaker Dr. Vandana Shiva on “Issues related to Environment” on 23 September 2017. Lecture series was a joint effort of Himachal Pradesh Council for Science, Technology & Environment (HIMCOSTE) and Jaypee University of Information Technology (JUIT). Prof. Samir Dev Gupta (Director & Academic Head) and Maj. General (Retd.) Sh. Rakesh Bassi facilitated and extended a warm welcome to guests. Sh. Kunal Satyarthi (IFS, Joint Member Secretary- HIMCOSTE) planned the event, introduced the programs and working of HIMCOSTE to participants. Dr. Sudhir Kumar (Acting Head, Department of BT & BI), and Dr. Shruti Jain (Associate Professor, Department of ECE) coordinated the event at JUIT.

Dr. Vandana Shiva is a trained Physicist and did her Ph.D. from the University of Western Ontario in Canada. Dr. Shiva founded an independent institute, the research foundation for Science, Technology and Ecology in Dehradun dedicated to high quality and independent research to address the most significant current ecological and social

issues. In 1991, she founded Navdanya, a national movement to protect the diversity and integrity of living resources. Navdanya’s efforts have resulted in serving more than 5,00,000 men and women farmers & conservation of more than 3000 rice varieties from all over the country and have established 60 seed banks in 16 states across the country. In 2004, she started BijaVidyapeeth, an international college for sustainable living in Doon Valley in collaboration with Schumacher College, U.K. Time magazine identified Dr. Shiva as an environmental “hero” in 2003. Forbes magazine in November 2010 has identified Dr. Vandana Shiva as one of the top seven most Powerful Women on the Globe. Dr. Shiva has received numerous awards from different Agencies.

Dr. Shiva visit was a remarkable opportunity for JUIT. Faculty members, research scholars and students discussed their queries & doubts on Environment and got new ideas about environment related work.



DEVELOPMENT OF ADVANCED IMAGE & SIGNAL PROCESSING TECHNIQUES FOR DISEASE DIAGNOSTIC DEVICES: PROCESS AND EXAMPLES

By Prof. Dinesh Kant Kumar
(22 Sept. 2017)

Prof. Dinesh Kant Kumar, (Biomedical Engineering), RMIT University, Melbourne, Australia given an expert lecture on “Development of Advanced Image and Signal Processing Techniques for Disease Diagnostic Devices: Process and Examples” on Sept 22, 2017.

There has been significant progress in medical technology that provides early stage and detailed diagnosis of many diseases. This has



enhanced the longevity and quality of life and we are now living longer and healthier, and significantly more independent. We are also able to perform relevant functional activities for significant period. However, many of these diagnostics can be performed only in major hospitals and require significant infrastructure such as qualified personnel, buildings, and electricity. This greatly limits the benefits of the technologies to be located in large urban centres.

Prof Dinesh has been working towards changing the above paradigm and works for the development of diagnostic devices that are suitable for being used in remote regions by untrained healthcare personnel. Such devices

provide automation of recording and analysis of the data, thereby do not require large buildings, and are suitable for the target audience. The



success of such diagnostic devices is based on the development of advanced image and signal processing techniques that makes these devices noise tolerant and provide good quality diagnostics without high quality infrastructure.

This seminar, Prof Dinesh has discussed the process and provides examples of such technologies. Students of B Tech and M tech students attended the lecture and interacted with him enthusiastically. He also interacted with faculty members and Ph.D Research scholar and discussed about the latest research issues. The guest lecture was organized by Dr. Meenakshi Sood and Dr. Shruti Jain of the ECE Department.



SENSORS AND SIGNALS IN CLINICAL MONITORING AND DIAGNOSIS OF DISEASE

By Prof. Panicos Kyriacou
(21 Sept. 2017)

Prof. Panicos Kyriacou, Professor of Biomedical Engineering City University London delivered an Expert Lecture on “Sensors and Signals in Clinical Monitoring and Diagnosis of Disease” on Sept 21, 2017

Prof Kyriacou is a member of the Royal Academy of Engineering panel for Biomedical Engineering and the Healthcare Science Advisory Group at NHS London where he acts as an ambassador for Biomedical Engineering both nationally and internationally. He is a fellow of IoP, IPEM and The Institute of Engineering and Technology (IET). Professor Kyriacou is a chartered Engineer (CEng), chartered Physicist (Cphys) and chartered Scientist (Csci). He also offers his charitable services to the World Health Organisation (WHO) and UNESCO in the

field of medical equipment management in developing countries. In March 2015 Professor Kyriacou has been elected to the prestigious post of President-Elect of the European Alliance for Medical and Biological Engineering & Science (EAMBES).

Students of B Tech and M tech students attended the lecture and interacted with him enthusiastically. He also interacted with faculty members and Ph.D Research scholar and discussed about the latest research issues. The event was coordinated by Dr. Meenakshi Sood and Dr. Shruti Jain of ECE Department.



MEDICAL IMAGING — ACQUISITION PROCESSING ANALYSIS & APPLICATIONS

By Prof. H K Sardana
(21 Sept 2017)

Prof. (Dr.) H.K. SARDANA Chief Scientist, CSIO Chandigarh delivered an Expert Lecture on “Medical Imaging — Acquisition Processing Analysis & Applications” on Sept 21, 2017. Dr. Sardana is a Chief Scientist & Co-coordinator of integrated M.Tech, integrated PhD, and PhD programs at CSIO Chandigarh. He also has held the positions of Head (Computational Instrumentation), Head (HRD), and Head (IPR) at same organization. Apart from the administrative positions, he has been published

29 research papers in reputed journals, filled 32 patents, and 18 patents granted. He also has been completed 8 research projects. Students of B Tech and M tech students attended the lecture and interacted with him enthusiastically. He also interacted with faculty members and Ph.D Research scholars and discussed about the latest research issues. The event was coordinated by Dr. Meenakshi Sood and Dr. Shruti Jain of ECE Department.



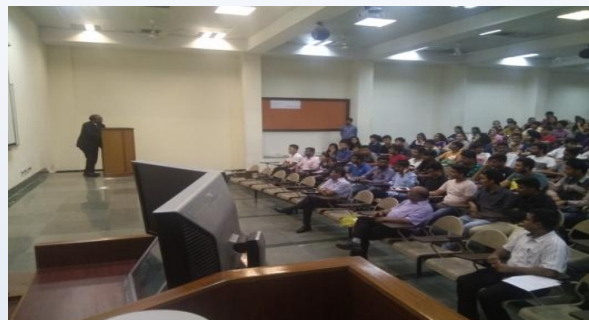
MOTIVATIONAL TALK

By Dr. AJV Prasad
(17 Aug. 2017)

Dr. AJV Prasad, Additional Chief Secretary, Govt. of Himachal Pradesh delivered a motivational talk to the students of the university on August 17, 2017. More than 200 students attended and benefitted from the lecture. Dr. Prasad was



felicitated by Prof. Vinod Kumar, Vice-Chancellor, JUIT. Maj Gen Rakesh Bassi (Retd), Registrar & Dean of Students; and Dr. Amit Srivastava, Associate Professor, HSS, were also present during the lecture.



MINDFULNESS

By Dr. Shalini Dhadwal
(13 Sept. 2017)

Dr. Shalini Dhadwal, Psychologist Counselor of the University, conducted a half-day lecture-cum-workshop



on “Mindfulness”, on September 13, 2017. The lecture was specifically for the first-year students, however, it was open for others also. More than 350 students participated and benefitted from the lecture. Dr. Rakesh Bajaj,



Associate Professor, Maths, and Dr. Amit Srivastava, Associate Professor, HSS, were also present during the lecture.

MOBILE PHONES, WEARABLE'S, ARTIFICIAL INTELLIGENCE AND YOUR HEART!

By Prof. Peter Macfarlane
(09 Oct. 2017)

Prof. Peter Macfarlane, Electro cardiologist, University of Glasgow visited JUIT on Oct 09, 2017 and delivered expert lecture on “Mobile Phones, Wearable’s, Artificial Intelligence and Your Heart !”

Peter Macfarlane major interest throughout has been the application of computer techniques to ECG interpretation. He is particularly interested in differences in ECG appearances due to age, gender and ethnicity. As a result, he has influenced international guidelines for the ECG definition of acute myocardial infarction. In addition, he has established an ECG Core Laboratory for handling ECGs recorded in national and international clinical trials and epidemiological studies. Professor Macfarlane is a Fellow of many learned Societies. He was also

President of the Board of Computing in Cardiology from 2008-2014 and is currently Treasurer of the International Society of Electrocardiology. In 2000, he was awarded a DSc on the basis of his contribution to research in his own field. He was also jointly awarded the 1998 Rijlant International Prize in Electrocardiology by the Belgian Royal Academy of Medicine.

Students of B.Tech and M.Tech attended the lecture and interacted with him enthusiastically. He is one of the judges for Poster presentation which was organised by Technovatorz, Electronics Club. He also visited ECE department and the laboratories. Dr. Shruti Jain and Dr. Meenakshi Sood of ECS department coordinated the event.





OTHER ACTIVITIES

YOGA AND HEALTH AWARENESS CAMP

Yoga is an ancient but perfect science, deals with the evolution of humanity. This evolution includes all aspects of one's being, from bodily health to self realization. Yoga means union - the union of body with consciousness and consciousness with the soul. Yoga cultivates the ways of maintaining a balanced attitude in day to day life. With the perspective, the JYC Health Club organized a five day yoga camp was organized in the JUIT from 3rd to 7th October of 2017. The JYC Health Club

The camp was attended by the students, faculty and staff members of JUIT with great passion. The five days camp focused on the asanas and pranayam techniques for improvement of physical health, mental concentration and mind and body harmony. The five day yoga camp

culminated with celebration of yoga week at JUIT on 3rd oct 2017. On this occasion, the importance and benefits of Yoga were elaborated by the Yoga teacher Shri Hiradass ji. Dr. Manjesh Sharma was also emphasized importance of yoga in student life. Dr. Hema Kashyap and Dr. Bindu stressed upon the need of yoga and meditation to keep body and mind healthy. The camp was attended with enthusiasm and participants pledged to continue the practicing meditation and asanas with perseverance to achieve the objective of wholesome health. Various yogic exercises and asanas were demonstrated by the yoga experts Shri Hiradassji, Dr. Manjesh Sharma and their team.



Session on Health (04 Oct. 2017)

INTERACTIVE SESSION ON HEALTHY LIFESTYLE

On 4 October 2017, HEALTH CLUB OF JYC had arranged an interactive session on 'Healthy Lifestyle' with Dr. Tejasvivi Jay Azad (District Ayurvedic Medical officer), Dr Rajinder Sharma (Sub-Divisional Ayurvedic Officer), Dr. Arvind Gupta and Dr Seema Gupta (Medical Officers) and Dr. Hema and Dr. Bindu (Ayurvedic Consultant). The session delivered a productive interaction with the students and faculty about their life style, and their habits in hostels etc with the expert team. The expert team helped in making the session personalized for the group attending it.



Participated in Rann-Neeti 2017 of IIT Mandi (30 Sept. – 2 Oct. 2017)

SPORTS MANIA

The Sports Team of Jaypee University of Information Technology, Wanknaghat participated in the annual sports meet “Rann – Neeti’17” organized by IIT Mandi during 30th Sept – 2nd Oct 2017. JUIT was one of the 12 institutes from North India who participated in this sports meet at Mandi. About 750 students from these institutes participated in this meet. There were 94 students who went to IIT Mandi from JUIT, Wanknaghat.



JUIT Basketball Team (Girls)

The JUIT teams achieved a Gold Medal in Basket Ball Tournament (Girls), a Silver medal in Cricket (Boys) and a Bronze Medal in discus throw. Congratulations to the entire team for their hard work and consistent efforts.



Gold Winners (Basketball – Girls Team)

Name	Enrolment No.
Manisha	133811
Shambhavi	151238
Sara Bhinta	161828
Sunidhi	161510
Tanya	161032
Shiuli	161817
Jyoti	161208
Purvanshi	171507
Devayani	151269
Neha	171825

Silver Winners (Cricket – Boys Team)

Member	Enrolment No.
Prashant Chaudhary	151316
Abhay Sharma	151318
Ankit Singh	141697
Aditya Sharma	141698
Deavarshi Tiwari	141041
Parth Sekhri	151479
Mudit Arya	151305
Shivam Verma	151080
Sparsh Mahajan	161037
Mukul Garg	161209
Shubham Singh	141673
Swapnil Khanna	141346
Anshul Thakur	161371
Abhiva Sharma	161060
Anshul Kumar	161076
Shubham Kumar	171031

Bronze - Discus Throw (Male)

Anshul Thakur	161371
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Freshers' Party (13 August 2017)

DIKSHA 2017

JYC-Cultural Club organized DIKSHA, first cultural night, for the first year students in the eve of 13 August 2017. Vice Chancellor Dr. Vinod Kumar, Director and academic head Prof. Samir Dev Gupta and Registrar Major General Mr. Rakesh Bassi graced the event and lit the lamp. This was followed by the speech of VC sir who declared the event open. The cultural extravaganza started with the performance of various dance groups. The auditorium was filled with enthusiasm and cheers of the freshers. Talented singers kept alluring the audience with their musical performances one by one, throughout the night. The show got the glamour in the house, when the ramp was performed. The audience couldn't control their feet when dance groups performed their energizing dances. We had spectacular mime performance depicting every day struggle of a child. And then there was a musical drama that made everyone laugh their



hearts out. The most interesting part was the round II of the ramp as the six short listed contestants had to answer questions on the spot. They gave tough competition to each other to win the title of Mr. DIKSHA and Miss DIKSHA. This was followed by the most awaited performances of the day- the folk dances. Naati group and United Bhangra Crew made everyone in the auditorium dance to the beats. Finally, we could witness people with fingers crossed as it was time to announce the results. MR (Nikhil Sharma) and MISS (Purvanshi Sharma) DIKSHA were titled and prizes were given to the best singer, western and best folk dance group. The night was concluded with Hon'ble VC declaring Diksha 2017 close. Heartiest congratulations to the winners and to all the organizers for their hard work which was reflected in the wonderful performances of the day.





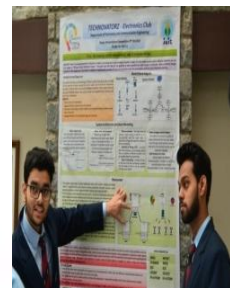
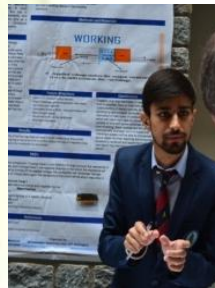
Poster Competition (09 October 2017)

POSTER PRESENTATION COMPETITION

On 9th October 2017 (Morning), Poster Presentation Competition presented by TECHNOVATORZ Electronics Club of JUIT started with a great zeal among the students. In total, 16 teams participated with topics like Smart Fabrics, Dr. Robo, Memristor, Artificial Intelligence, 5G Technology, Home Automation and Posture Correction.

Dr. Peter Macfarlane (Electro cardiologist, Professor, University of Glasgow), Dr. Hemraj Saini (CSE Department) and Dr. Ganshyam Singh (ECE Department) were the esteemed judges of the competition. The judges selected best

posters on basis of theme, presentation and innovative ideas of participants. After the scrutiny ended, everyone gathered for a meeting in the board room where the prize distribution ceremony was held. Prizes were given to the winners Anuj Purwar and Mohit Patel (Topic: Automated Water Management) and the runner-up was Akilesh Kumar (Topic: Self Driven Cars). The participants were also given 'Certificates of participation'. The event ended with the words of appreciation by HOD ECE Department Prof. (Dr.) Sunil Bhooshan. The event was coordinated by Dr. Ashwani Sharma, Mr. Mohit Garg and student coordinators.



TIED Cell (06 October 2017)

ORIENTATION PROGRAMME OF TIEDC



Innovation

An Orientation Program was organized by Technology Innovation and Entrepreneurship Development Cell (TIEDC), JUIT on October 6th, 2017 in LT- 2. The targeted participants were the First Year UG students of the University. The main objective of this program was to make students aware about the concept of Innovation, Entrepreneurship and various undergoing and upcoming activities of TIED Cell. Dr. Ashish Kumar Chair-person, TIEDC, gave a presentation about various Facilities provided by TIEDC to Incubatees. He also motivated students to put their proposals in TIEDC and avail the facilities provided by TIEDC which in turn will help the students in framing their better future. Around 30 students from different stream were present in the Programme.

Technology Innovation Entrepreneurship
Development Cell-JUIT



**You don't have to be GREAT to START
you have to START to be GREAT**



Orientation Programme
Date: 6th Oct'17
Time: 5:00PM
Venue: LT-1/2

Contact Details
Aashray: 8629010330
Shikhar: 9336609338
Prashasy: 7275697998

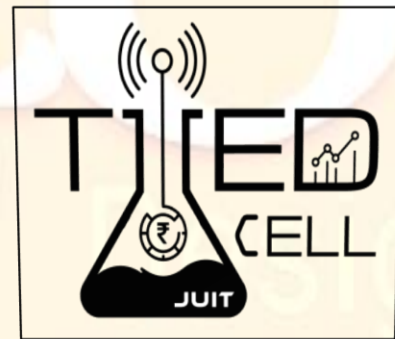
For more details
visit: www.tiedc.in

TIED Cell (09 October 2017)

LOGO DESIGN COMPETITION

BEST LOGO DESIGN

A logo design competition was organized for Technology Innovation and Entrepreneurship Development Cell (TIEDC), at the office of TIEDC, JUIT on 9th Oct, 2017. The main objective of Logo design competition was to unleash the creativity in the students. The event targeted the all branches of Engineering of the University. There were 25 participants; Mr. Prakhar Bhardwaj (Winner), Rohit Garg (1st Runner-up and Sonali Sehgal (2nd runner-up) were awarded winner.



Workshop cum Hands-on-GitHub

#HACKTOBERFEST

A Hacktoberfest event was conducted by Technology Innovation and Entrepreneurship Development Cell (TIEDC) as workshop cum hands on “GitHub”-an open source technologies on 30th Oct, 2017. The workshop covered the topics on GitHub fundamentals, real-time synchronization and related technologies. The workshop has attracted more than 80 students from different streams of Engineering.



Study tour (07 October 2017)

INDUSTRIES / ACADEMIC VISIT

Academic institution visit (a part of Industrial visit) was carried out at Central Research Institute, Kasauli- HP on 07th October 2017 especially for the third semester students. The purpose of the visit was to make students aware about how various activities related to microbiology, vaccine, antisera and diagnostic reagent production are carried out in Govt. research institution. This was also to provide



them feel of biotechnology applications as soon as they start their course.

Central Research Institute (CRI) is a premier research institution dedicated to research in the field of medical and public health, manufacture of vaccines and antisera, human resource development and to act as a national referral centre for public health problems. The contribution of the Institute towards vaccine production during the period of the Second World War for the immunization of troops to keep them fighting, finds no parallel.

Recent developments in regulatory requirements and introduction of Schedule M



concept in vaccine manufacturing emphasized the need of cGMP compliant infrastructure and processes. Creation of cGMP compliant DPT production facility has made CRI as the first Central Government Institute to have cGMP compliant infrastructure for vaccine production.

Dr. Sudhir Syal, Dr. Udaybhanu along with 32 students visited the research institute located in Kasauli – H.P. The faculty member had an interaction with CRI Director –Dr. Ajay Kumar Thalan and briefed him about the program of the department. The areas were identified for possible collaboration of JUIT-CRI. Mrs Preet Thakur of CRI guided the JUIT team to the respective laboratory, where an orientation of institution was given by Mrs. Thakur about history and main products developed at CRI. After introduction, all students were divided in two groups of 16 each and were headed by one staff member of respective research lab who helped them to understand the research work going on the respective lab.

Students took almost three hour to see complete set of instruments and production facilities of vaccine manufacturing. This was followed by questions of students. The JUIT team appreciated staff member who guided students and answers their queries.



Science and Engineering Workshop (12 July 2017)

LAUREATE PUBLIC SCHOOL, SHIMLA, H.P.

A Science and Engineering workshop under the Outreach Events Series was conducted at Laureate Public School, Shimla of Himachal Pradesh on 12th July 2017. The objectives of the workshop were to make student aware about new and exciting career opportunities through the courses being run at JUIT, to make students familiar with new and emerging fields of studies such as Bioinformatics, Biotechnology and Electronics etc. and to provide the students hands on experience on several experiments, systems and techniques such as plant tissue culture, gel electrophoresis for DNA, Bioinformatics, Basic electronics, Robotics etc.

Dr. Tiratha Raj Singh and Dr. Meenakshi Sood were delivered the lectures about

Bioinformatics, Biotechnology and Electronics and Communication and Career Opportunities in these areas. Interactive sessions of live lab demonstrations were also shown during the workshop.

About 80-90 students of high school (10+1) and higher secondary (10+2) along with their teachers were participated in the workshop. The team members for this event were Dr. Tiratha Raj Singh (BT/BI), Dr. Anil Kant Thakur (BT/BI) Dr. Meenakshi Sood (ECE), Mr. Ismail (Lab staff) Mr. Abhishek (Lab staff), Mr. Ankush Bansal (Research Scholar) and Ms. Poonam Kumari (Research Scholar).

जेपी विवि ने लोरेट स्कूल में लगाई वर्कशाप

● मुकेश कुमार, लेटन

जेपी विश्वविद्यालय वाकनाबाट द्वारा बुधवार को हिमाला के लोरेट पब्लिक स्कूल में बच्चों के लिए साइंस एंड इंजीनियरिंग शिविर का आयोजन किया। इस शिविर में स्कूल के सभी बच्चों व अध्यापकों ने बड़-चढ़कर भाग लिया। वर्कशाप के दौरान विश्वविद्यालय से आए टेक्निकल स्टाफ द्वारा बच्चों को आधुनिक तकनीकों के बारे में विस्तृत जानकारी दी। वर्कशाप के दौरान बच्चों को आधुनिक इलेक्ट्रॉनिक्स व पारंपरिक



● इंजीनियरिंग एंड साइंस पर बच्चों को दी जानकारी

आयोजन किया जाता है और बच्चों का अपने कैरियर बनाने के लिए सही मार्गदर्शन किया जाता है। इस शिविर का आयोजन डा. तीर्थ राज सिंह डा. अनिल कान्त व डा. प्रीनाक्षी सुंद व विश्वविद्यालय के टेक्निकल स्टाफ द्वारा किया गया। जे पी विश्वविद्यालय द्वारा लगाए गए। इस शिविर को स्कूली बच्चों ने खूब सराहना की व इस वर्कशाप में बड़-चढ़ के भागेदारी दी। इस मौके पर जेपी विश्वविद्यालय के इसमेल, अभिषेक, अंकुश व पूनम मौजूद रहे।

इंजीनियरिंग शाखाओं जैसे बायोटेक्नोलॉजी व बायोइंफोरेटिक विषय में कैसे भविष्य बनाया जाए। इसके बारे में बच्चों को अवगत करवाया गया। इस दौरान बच्चों के लिए कई तरह के प्रशिक्षण करवाए गए। स्कूली बच्चों ने बड़े ही ध्यान से इन सभी जानकारीयों को सुना व

इंजीनियरिंग क्षेत्र में भविष्य बनाने में अपनी रुचि दिखाई। गौर रहे कि जे पी विश्वविद्यालय द्वारा समय-समय पर इस तरह के शिविरों का

Science and Engineering Workshop (5 August 2017)

DAV SCHOOL, BILASPUR, H.P. & DAV SCHOOL, BARMANA, H.P.

The Outreach activity of Science and Engineering Workshop was conducted in two reputed DAV schools, one in the morning (Bilaspur) and other in the evening (Barmana) on 5th August 2017.

The workshops aims at making students of these schools aware about programs and courses being run in the University and career opportunities through these programs. The students were also informed about new and emerging fields of studies in bioinformatics, biotechnology and electronics. Several experiments, systems and techniques such as plant tissue culture, gel electrophoresis for DNA, Bioinformatics, basic electronics; Robotics etc. were conducted in the live labs so that students can have hands on experience.

The outreach team comprises with Dr.Sudhir Kumar, Dr.Tiratha Raj Singh, Dr.Anil Kant, Dr.Naveen Jaglan, Mohd. Ismail Siddiqui, Mr.Pramod Kumar and Tushar Barwal (Student).



Science and Engineering Workshop (01 September 2017)

DAV PUBLIC SCHOOL, RAMPUR, H.P.

A science and engineering workshop activity by JUIT was held in DAV Rampur, Shimla District on 1st September 2017. JUIT exhibited their mobile lab representing the departments of Biotechnology and Bioinformatics, Civil Engineering, and Electronics and Communication Engineering for the benefit of school students. Dr. Rahul Shrivastava explained about Biotechnology and its prospects. Followed by Dr. Ragothaman Yennamalli explained Bioinformatics and its scope in future. Dr. Naveen Jaglan explained about Electronics and Communication Engineering and its wide application. The talk had a short video demonstration of JUIT campus and its facilities. Dr. Gyani Jail Singh and Dr. Anirban from Civil Department showcased the capabilities and expertise of their department.

Mr. Ravi Kant and Mr. Raman Singh demonstrated experiments of microbial staining, use of digital pH meter, handling of micropipettes, and plant tissue culture. Mr. Dheerendar Singh demonstrated the robotics applications, which were developed by JUIT students from Electronics and Communication Engineering.

There were 50 students who listened to the lectures and visited the mobile lab and asked questions about Biotechnology and Bioinformatics, Civil Engineering, Electronics and Communication Engineering, and about JUIT, its admission process and other details. Also, PGT and TGT teachers enquired about the university and the courses we offered.



Science and Engineering Workshop (12 October 2017)

DAV SARASWATI NAGAR, ROHRU, H.P.

A science and engineering workshop was conducted at DAV Saraswati Nagar, Rohru, Himachal Pradesh on 12th October 2017. The workshop was conducted with the objectives of spreading awareness about new and exciting career opportunities at JUIT and to make students familiar with new and emerging fields of studies such as bioinformatics, biotechnology and Electronics with hands on practice on several experiments in these areas.

Over 70 students of 10+1 and 10+2 class along with their teachers were participated in the workshop.

The JUIT team comprised with Dr. Tiratha Raj Singh, Dr. Anilkant Thakur from BT/BI and Dr. Naveen Jaglan from ECE department shared insights about the emerging areas in these streams. Md. Ismail, Mr. Abhishek along with Mr. Vineet Mehta and Mr. Pulkrit Anupam Srivastava demonstrated various experiments and also help the participants in this experimental learning.

It was observed that interaction, experiments and lectures put positive impact in developing

students' interest in science. Students had a very lively and informative interaction with the scientists of JUIT.

जेपी विवि ने जगाया अलख



दिल्ली हिमाचल ब्यूरो, सोलन

बायोटेक्नोलॉजी, बायो
इनफॉर्मेटिक्स व
इलेक्ट्रॉनिक्स में करियर
बनाने के बारे में बताया
गया। इस कार्यशाला में
डा. तीर्थ राज, डा. अनिल,
डा. नवीन ने बच्चों को
विस्तारपूर्वक जानकारी
दी। डा. तीर्थराज ने बताया
कि जेपी विश्वविद्यालय के
कुलपति विनोद कुमार
विवि के निदेशक प्रो.
समीर गुप्ता के मार्गदर्शन से
इस तरह कि कार्यशाला
का आयोजन
विभिन्न स्कूलों में किया जा
रहा है।



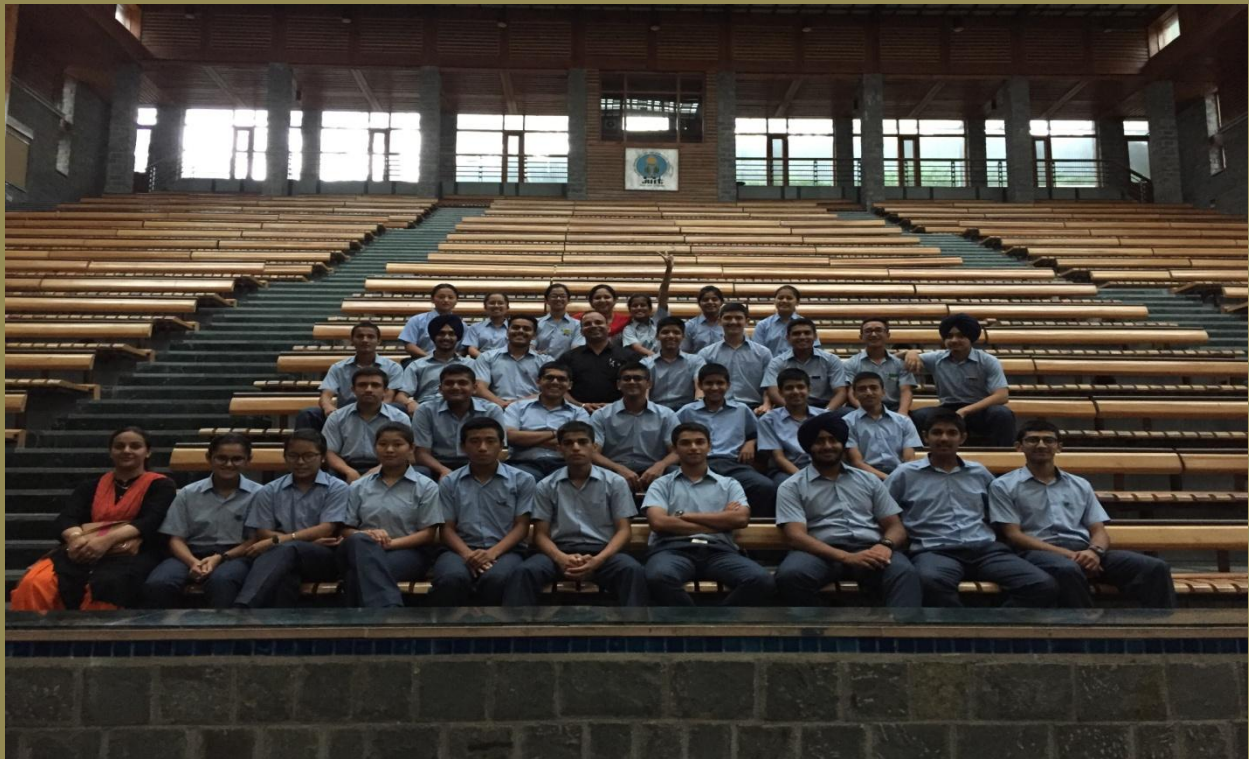
Pinegrove School Students' visited JUIT Campus (29 July 2017)

STUDENTS' STUDY TOUR TO JUIT



Students of Pinegrove School, Dharampur visited the university campus on 29th July 2017. Around 30 students of 12th standard belonging to medical and non-medical backgrounds were a part of the group. They visited the labs of various departments of

university like biotechnology & bioinformatics, computer science & IT, electronics and civil department. There they were interacted with faculty members and given demonstrations of experiments to enable better understanding of their subjects. All participating students gave a positive feedback and found the experience educative and informative.



TRAINING & PLACEMENT

TRAINING & PLACEMENT

Highlights:

- Total of 73 Offers received by JUIT students till October'2017.
- Highest Package Offered by Amazon.com of 27 Lakhs per annum.



T&P related Workshops for Fourth Year Students:

One Week Aptitude Training Workshop from 25th to 30th August 2017 conducted by Mr. Eldo Ranjeet, an expert from Cochin for improving logical, reasoning and other general capabilities of students from all branches.



Selection of JUIT students for Internship at International University:

Nine Biotechnology and Bioinformatics students of JUIT, Wagnaghat have been selected for a Six month Internship programme at the department of Chemical and Biological Engineering Department, The South Dakota School of Mines and Technology, Rapid City, South Dakota, USA. The selected students will pursue their final semester credits (Jan – June) at the US University.

Established new club

GENDER CHAMPIONS CLUB

Gender Champions Club was constituted in Jaypee University of Information Technology, Waknaghat Solan (HP) as per by the directions of University Grants Commission of India by the Department of Humanities and Social Sciences during this semester.

Gender Champions are envisaged as responsible leaders who will be facilitating an enabling the environment within the University, where girls are treated with dignity and respect. A Gender Champion will provide an integrated and interdisciplinary approach in understanding the social and cultural constructions of gender that shape the experiences of women and men in society. The aim is to make the young boys and girls gender sensitive and create positive social norms that value the girls and their rights. So, as per the guidelines, two Nodal officers

were appointed by the Department of Humanities and Social Sciences:

- **Dr. Anupriya Kaur** (Associate Prof. & Head)
- **Dr. Neena Jindal** (Asst. Prof.)

In addition to this a committee was also constituted with 16 students as members of Gender Champions Club.

This club will provide overall guidance to the peer group in integrating/mainstreaming gender in all activities by performing different roles and responsibilities like group discussions, debates, panel discussions, theme based community development and health care programs, theme based nukkad natak, competitions, fun games, etc.



Faculty Achievements

FACULTY IN THE SPOTLIGHT

New Research Project Sanctioned



Dr. Rajesh Kumar, Assistant Professor, Department of Physics and Materials Science as PI with **Prof. Joachim Wollschlager**, Department of Physics, University of Osnabruck, Germany as Co-PI have been sanctioned a research project on **“Indo-German project on magnetic thin films for spintronic device applications”** by the **DST-DAAD** of **Rs.11.72 lakh** for two years (2017-19).



New Research Project Sanctioned



Dr. Pradeep Kumar Singh, Department of Computer Science & Engineering and Information Technology (PI) and **Dr. Pankaj Sharma**, Department of Physics and Materials Science (Co-PI) have been sanctioned a research project on **“IOT enabled fencing system to control monkey menace in Shimla (urban areas of HP)”** by **Himachal Pradesh Council for Science, Technology & Environment (HIMCOSTE)** of **Rs. 7.5 lakh** for two years (2017-19).



New Research Project Sanctioned



Dr. P B Barman (PI) and **Dr. S K Hazra** (Co-PI) from Department of Physics and Materials Science have been awarded a research project entitled, **“Catalytic nanoparticle based graphene devices for the selective detection of industrial gases”** by **Himachal Pradesh Council for Science, Technology & Environment (HIMCOSTE)** of **Rs. 7.98 lakh** for two years (2017-19).



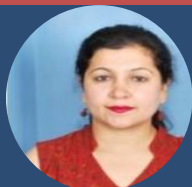
OTHER ACHIEVEMENTS

Awarded International Scholarship



Dr. Hemant Sood, Assistant Professor, Department of Biotechnology and Bioinformatics has been awarded **International Scholarship** by the **Israel's Agency for International Development Cooperation (MASHAV)** Israel's **Ministry of Foreign Affairs** availed at The Hebrew University of Jerusalem (August 28 to Sept. 20, 2017) She has done International Post-Graduate Course with "Excellence" on Nutrition in a Changing Global Environment at The Hebrew University of Jerusalem The Robert S. Smith Faculty of Agriculture, Food & Environment, The International School of Agriculture Sciences, Israel.

Nominated as Member of Experts Committee of DST-FIST Scheme



Dr. Meenakshi Sood, Assistant Professor, Department of Electronics and Communication Engineering has been nominated as Member of the Experts Committee (EC) for evaluation of Impact of DST-FIST Scheme. Dr. Sood has also attended Expert Committee meeting to evaluate impact of DST, FIST Scheme on August 28-29, 2017 at Tirupati.

Appointed as State Student Coordinator for Himachal Pradesh



Dr. Pradeep Kumar Singh, Assistant Professor, Department of Computer Science & Engineering has been nominated as the State Student Coordinator for Himachal Pradesh for the year 2017-18 by the Computer Society of India (CSI-India).

Visit to University of Osnabruck, Germany



Dr. Rajesh Kumar, Assistant Professor, Department of Physics and Materials Science visited Department of Physics, University of Osnabruck for a period of 12-days in October 2017 to access HIGH END research Instruments in order to characterize samples prepared by Department of Physics and Materials Science, JUIT, Wajnaghat.

Travel Grant to Caparica, Lisbon



Dr. Jata Shankar, Assistant professor, Department of BT/BI has been invited for an oral presentation at 5th International Conference on Analytical Proteomics held at Caparica, Lisbon during 3-6 July 2017. He delivered his talk on "**Proteome profile provided molecular insight into germination of Aspergilli and biosynthesis of secondary metabolites**". He received the travel award from DST (SERB) to attend the conference..

ACADEMIC OUTREACH

	Dr. Pradeep Kumar Gupta , Assistant Professor, Department of Computer Science and Engineering/Information Technology was the Invited keynote speaker at MHRD sponsored one week workshop on “IoT for Smart living” organized at Banasthali Vidyapeeth, Rajasthan, India, during 28 August to 03 September 2017.
	Dr. Sudhir Sayal , Acting HOD BT/BI delivered lecture on “Solid Waste Management at Household Level” at NIT Hamirpur, Himachal Pradesh on 04 September, 2017. The event was organized by HP Rural Development Department, Govt. of Himachal Pradesh.
	Dr. Raghu M Yennamalli , Assistant Professor, Department of BT/BI delivered lectures and conducting hands-on practical on “Application of Bioinformatics Tools in Plant Sciences” at Dr Y S Parmar University of Horticulture and Forestry, Nauni held during 24-25 August 2017.
	Dr. Sudhir Sayal , Acting HOD BT/BI delivered lecture on ‘Biogas Production from Solid Waste’ during a workshop on Science and Technology for Women at Hotel Holiday Home, Shimla, organised by HIMCOSTE and DST during 8-9 September 2017 .
	Dr. Tiratha Raj Singh , Assistant Professor, Department of BT/BI delivered and invited talks in National Training Program on "Application of Bioinformatics Tools in Plant Sciences" Dr. Y.S. Parmar University of horticulture and Forestry, Nauni, Solan during 22-23 August, 2017.
	Dr. Rakesh Kumar Bajaj , Associate Professor, Department of Mathematics was Invited as a resource person for In-Service Training Programe for School Lecturers in Mathematics organized during 31 July -05 August 2017 by State Council of Educational Research & Training (SCERT), Solan, H.P. on 1 st August 2017.
	Dr. Neel Kanth , Assistant Professor, Department of Mathematics was Invited as a resource person for In-Service Training Programe for School Lecturers in Mathematics organized during 31 July -05 August 2017 by State Council of Educational Research & Training (SCERT), Solan, H.P. on 2 nd August 2017.
	Dr. Rajiv Ganguly , Associate Professor, Department of Civil Engineering delivered and invited lecture entitled ‘Ambient Air Quality Status and its prediction in Tier-II city (Shimla) at Department of Environmental Science and Engineering at ISM Dhanbad on 17 October 2017.

STUDENT ACHIEVEMENTS



Mr. Ankush Bansal (156501), PhD Scholar, Department of BT/BI and Research Fellow in Seabuckthorn project of Dr. Anil Kant Thakur, has won best poster award with cash prize of Rs.3000/- in National Conference on Seabuckthorn organized by Defence Institute of High Altitude Research (DIHAR-DRDO), Leh.



Ms Aanchal Mahajan (111305), the ex JUIT student of Department of CSE, got admission offers from various foreign universities for pursuing her MS programme. She decided to join Arizona State University to pursue Master of Science in Software Engineering.



Mr. Vineet Mehta (136755), PhD Research Scholar, Department of Pharmacy (BT/BI) received Excellent Young Researcher Award of 1,50,000/- Korean Won from Korean Brain Research Institute.



Ms. Neha Sharma (126553), PhD Research Scholar, Department of BT/BI, working under the guidance of Dr. Hemant Sood has been selected for prestigious fellowship N-PDF of SERB for 2017. She availed this fellowship at CPRI, Shimla.



Ms. Uttara Shankar, (111563) ex student of Department of BT/BI, did her Master Project with Dr. Tiratha Raj Singh and B.Tech Project with Dr. Vijay Garlapati selected for 'TERI-Deakin PhD Program'. Under this program she will work on the research theme of 'Regulating metabolic Synthesis in Algae' in conjunction with TERI, New Delhi and Deakin University, Australia.

Ph.D SNAPSHOT



Ruchi Verma (126207), Ph.D Research Scholar of Department of Computer Science & Engineering has successfully defended her Ph.D Viva-voce on '**Modeling for Crisis Management Occurred during Computer Mediated Communications**' on 9th September 2017. She was doing her research under the supervision of **Dr. Vivek Sehgal**.



Tamanna Sharma (116502), Ph.D Research Scholar of Department of Biotechnology and Bioinformatics has successfully defended her Ph.D Viva-Voce on the research topic '**Computational Studies of Virulent Proteins and Antibiotic Resistance in Diarrheal Pathogens**' on 14th October 2017. She was doing her research under the supervision of **Dr. Jayashree Ramanna**.

FACULTY DEVELOPMENT

WORKSHOPS/SEMINARS/CONFERENCE

ATTENDED:

Dr. Ashwani Sharma, Assistant Professor, Department of ECE has attended a one day Workshop on 'Patent Drafting' held on 13th October 2017 at JUIT Wagnaghat.

Dr. Meenakshi Sood, Assistant Professor, Department of ECE attended a short term course on "Cloud Computing through ICT" during Oct 23-27, 2017 conducted by NITTTR, Chandigarh and Department of Computer Science and Engineering and Information Technology, Jaypee University of Information Technology, Wagnaghat.

-She also attended one Day Workshop on "Massive open online courses (MOOCS)", by Prof. Mangala Sunder Krishnan from IIT Madras, on Sept 15, 2017, Department of CSE & IT, Jaypee University of Information Technology, Himachal Pradesh.

Mohit Garg, Assistant Professor, Department of ECE has attended a one day Workshop on 'Patent Drafting' held on 13th October 2017 at JUIT Wagnaghat.

-He also attended 4th IEEE International Conference on signal processing and control (ISPCC 2017), Jaypee University of Information technology, Wagnaghat, Solan, H.P, India, September 21-23, 2017.

Dr. Shruti Jain, Associate Professor, Department of ECE attended a short term course on "Cloud Computing through ICT" during Oct 23-27, 2017 conducted by NITTTR, Chandigarh and Department of Computer Science and Engineering and Information Technology, Jaypee University of Information Technology, Wagnaghat.

-She also attended one Day Workshop on "Massive open online courses (MOOCS)", by Prof. Mangala Sunder Krishnan from IIT Madras, on Sept 15, 2017, Department of CSE & IT, Jaypee University of Information Technology, Himachal Pradesh.

Pardeep Garg, Assistant Professor, Department of ECE has attended a one day Workshop on 'Patent Drafting' held on 13th October 2017 at JUIT Wagnaghat.

- He also participated in a short term course on "Cloud Computing through ICT" during Oct 23-27, 2017 conducted by NITTTR, Chandigarh and Department of Computer Science and Engineering and Information Technology, Jaypee University of Information Technology, Wagnaghat.

Patent Filed:



Dr. Chittaranjan Rout
Associate Prof. (BT/BI)

Singh R, Mishra D, Fatima A, **Rout C**, Mehta V, Malairaman U and Chaudhury M (2017) "Novel thiazole compounds, process for preparing the same and pharmaceutical formulation thereof" (Patent Application No: PAT134/003/17).

INTELLECTUAL CAPITAL

NEW BOOKS PUBLISHED

Predictive Computing and Information Security

By Dr. P K Gupta and others (Springer)



BOOK DETAIL:

Title: **Predictive Computing and Information Security**

Author: **P.K. Gupta, S.K. Singh, Vipin Tyagi**

Length: **162 pages**

Edition: **1st ed. 2017**

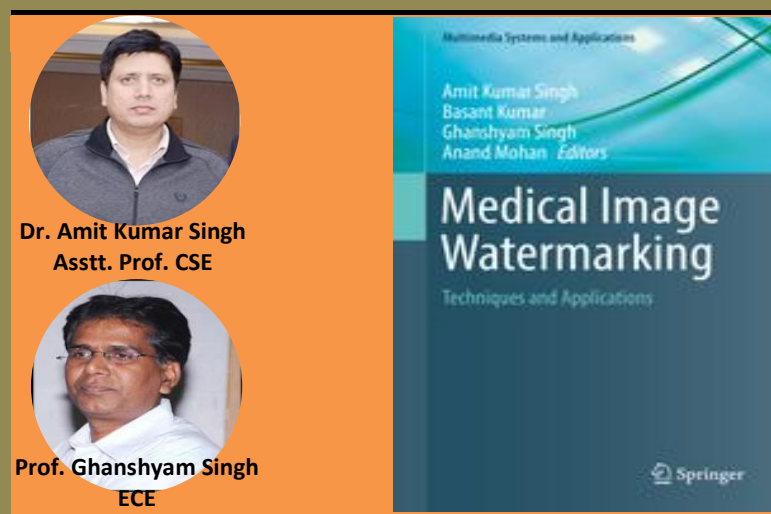
Language: **English**

Publisher: **Springer**

ISBN-13: **9789811051067**

Medical Image Watermarking: Techniques and Applications

Edited by Dr. A K Singh, Prof. G Singh and Others (Springer)



BOOK DETAIL:

Title: **Medical Image Watermarking: Techniques and Applications**

Edited by: **A.K. Singh, B. Kumar, G. Singh, A Mohani**

Edition: **1st ed. 2017**

Language: **English**

Publisher: **Springer Int.**

Publication Date: **2017-10-23**

ISBN-13: **978-3-319-57698-5**

RESEARCH PUBLICATIONS

ARTICLES IN JOURNALS

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जेपी विवि में लगा निशुल्क योग शिविर

सोलन। हिमाचल प्रदेश जिला सोलन में आयुर्वेद विभाग के सौजन्य से जेपी विवि ऑफ इंफोर्मेशन एवं टेक्नोलॉजी वाकनाघाट में पांच दिवसीय निशुल्क योग एवं जीवन शैली जागरूकता शिविर का आयोजन किया गया। यह जानकारी जिला आयुर्वेद अधिकारी डॉ. तेजस्वी विजय आजाद ने दी। कार्यक्रम का शुभारंभ प्रोफेसर विनोद कुमार द्वारा दीप जलाकर किया। सर्वप्रथम कुलपति प्रोफेसर विनोद कुमार ने आयुर्वेद विभाग की योग टीम एवं अन्य प्रतिभागियों का विवि परिसर में स्वागत किया। आयुर्वेदिक चिकित्साधिकारी कंडाघाट डॉ. राजेंद्र शर्मा ने योग एवं जीवनशैली के साथ अन्य योग एवं उनके बचाव बारे जानकारी दी। गुरु हिरादास ने प्रतिभागियों को योगासन करवाया। गुरु हिरादास ने प्रतिभागियों को योगासन करवाया। गुरु हिरादास ने प्रतिभागियों को योगासन करवाया।

जेपी विवि में विद्यार्थियों ने सीखे योग आसन

संवाद सहयोगी, सोलन : प्रदेश आयुर्वेद विभाग सोलन के सौजन्य से जेपी विभाग सोलन ऑफ इंफोर्मेशन एवं टेक्नोलॉजी वाकनाघाट में पांच दिवसीय योग एवं जीवन शैली जागरूकता शिविर का आरंभ किया गया। जिला आयुर्वेदिक अधिकारी डॉ. तेजस्वी विजय आजाद ने बताया कि विवि के कुलपति प्रो. विनोद कुमार ने शिविर का आगाज के लिए आयुर्वेद विभाग का शिविर लगाने के लिए आभार जताया। उसके बाद उपमंडलीय चिकित्सा अधिकारी जीवन शैली व अन्य शर्मा ने सभी को योग, जीवन शैली व योग टीम के योगों के बारे में जानकारी दी। योग टीम के सदस्य व योग गुरु हिरादास ने योगासन व विभिन्न योगिक क्रियाओं की जानकारी दी। इस दौरान डॉ. प्रवीण शर्मा, डॉ. बिंदू च डॉ. हेमा कश्यप आदि मौजूद रहे।

कंडाघाट में बताया पर्यावरण का मोल

जेपी यूनिवर्सिटी में कार्यशाला के दौरान बंटा ज्ञान
सोलन। जिला सोलन में आयुर्वेद विभाग के सौजन्य से जेपी यूनिवर्सिटी ऑफ इंफोर्मेशन एवं टेक्नोलॉजी वाकनाघाट में पांच दिवसीय योग एवं जीवन शैली जागरूकता शिविर का आयोजन किया गया। यह जानकारी जिला आयुर्वेद अधिकारी डॉ. तेजस्वी विजय आजाद ने दी। कार्यक्रम का शुभारंभ प्रोफेसर विनोद कुमार द्वारा दीप जलाकर किया। सर्वप्रथम कुलपति प्रोफेसर विनोद कुमार ने आयुर्वेद विभाग की योग टीम एवं अन्य प्रतिभागियों का विवि परिसर में स्वागत किया। आयुर्वेदिक चिकित्साधिकारी कंडाघाट डॉ. राजेंद्र शर्मा ने योग एवं जीवनशैली के साथ अन्य योग एवं उनके बचाव बारे जानकारी दी। गुरु हिरादास ने प्रतिभागियों को योगासन करवाया। गुरु हिरादास ने प्रतिभागियों को योगासन करवाया। गुरु हिरादास ने प्रतिभागियों को योगासन करवाया।

जेपी यूनिवर्सिटी वाकनाघाट में योग शिविर

सोलन-आयुर्वेद विभाग जिला सोलन के सौजन्य से जेपी यूनिवर्सिटी ऑफ इंफोर्मेशन एवं टेक्नोलॉजी वाकनाघाट में पांच दिवसीय योग एवं जीवन शैली जागरूकता शिविर का आयोजन किया गया। यह जानकारी जिला आयुर्वेद अधिकारी डॉ. तेजस्वी विजय आजाद ने बताया कि कार्यक्रम का शुभारंभ प्रोफेसर विनोद कुमार द्वारा दीप जलाकर किया। सर्वप्रथम कुलपति प्रोफेसर विनोद कुमार ने आयुर्वेद विभाग की योग टीम एवं अन्य प्रतिभागियों का विवि परिसर में स्वागत किया। आयुर्वेदिक चिकित्साधिकारी कंडाघाट डॉ. राजेंद्र शर्मा ने योग एवं जीवनशैली के साथ अन्य योग एवं उनके बचाव बारे जानकारी दी। गुरु हिरादास ने प्रतिभागियों को योगासन करवाया। गुरु हिरादास ने प्रतिभागियों को योगासन करवाया। गुरु हिरादास ने प्रतिभागियों को योगासन करवाया।

एक नज़र

दत्तनगर डीएवी के छात्रों ने बनाए मॉडल

रामपुर बुशहर - डीएवी स्कूल दत्तनगर में जेपी विश्वविद्यालय द्वारा एकदिवसीय कार्यशाला आयोजित की गई। कार्यशाला में विज्ञान एवं प्रौद्योगिकी के बारे में छात्र-छात्राओं को अहम जानकारी से अवगत करवाया गया। कार्यक्रम की अध्यक्षता स्कूल के प्रधानाचार्य विजय वर्मा ने की। जेपी विश्वविद्यालय से आई टीम के डा. राहुल श्रीवास्तव ने छात्रों को बायोटेक्नोलॉजी विषय के बारे में विस्तार से जानकारी दी। इसके अलावा डा. रघुपमन ने बायो इन्फार्मेटिक्स, डा. नवीन ने इलेक्ट्रॉनिक्स, डा. ज्ञानी जैल सिंह और उनके सहयोगी अरिभान ने सिविल इंजीनियरिंग से संबंधित विस्तृत जानकारी से विद्यार्थियों को जागरूक किया। कार्यशाला के दौरान छात्र-छात्राओं ने विभिन्न मॉडल भी बनाए। इस अवसर पर राहुल, अनमोल, कनिका, शीतल, अरिती, लोकेन्द्र, कृतिका, सारिहल, मुकुल बिष्ट, अपोल, दिव्या, आशुतोष, प्रियंका, वैभव, राशि और अमृता के अलावा कई छात्र-छात्राएं उपस्थित रहे।

जेपी विवि में विद्यार्थियों ने विज्ञान एवं प्रौद्योगिकी की बारीकियां जानी

डीएवी स्कूल में एक दिवसीय विज्ञान कार्यशाला की आयोजित

विज्ञान एवं प्रौद्योगिकी के क्षेत्र में विद्यार्थियों को विस्तृत करने के उद्देश्य से डीएवी स्कूल दत्तनगर में जेपी विश्वविद्यालय ने एक दिवसीय कार्यशाला का आयोजन किया गया। इस कार्यशाला में विज्ञान एवं प्रौद्योगिकी से संबंधित अहम जानकारी छात्र छात्राओं को दी गई। इस दौरान स्कूल के प्रधानाचार्य विजय वर्मा ने कार्यक्रम की अध्यक्षता की। इस दौरान कार्यशाला में जेपी विश्वविद्यालय से आई टीम अपने विषय से संबंधित विस्तृत जानकारी छात्र एवं छात्राओं के समक्ष रखी। कार्यशाला में दत्तनगर के छात्र-छात्राओं ने विज्ञान से संबंधित विभिन्न मॉडल भी बनाए गए, जिसे विषय विद्यालय से आए डॉक्टरों ने खूब सराहा। यं रहे मौजूद

इस मौके पर राहुल, अनमोल ठाकुर, कनिका ठाकुर, शीतल चौधन, अरिती सपटा, लोकेन्द्र, कृतिका शर्मा, सारिहल ठाकुर, मुकुल बिष्ट, अनमोल, दिव्या, आशुतोष, प्रियंका, वैभव, राशि, अमृता सहित दर्जनों छात्र छात्राएं उपस्थित रही।



डीएवी स्कूल दत्तनगर में आयोजित कार्यशाला के दौरान छात्रों के साथ फोटो

छात्रों से कार्यशाला में किए वैज्ञानिक परीक्षण

कार्यशाला में सबसे पहले जेपी विश्वविद्यालय से आए डॉ. राहुल श्रीवास्तव ने छात्रों को बायोटेक्नोलॉजी विषय के बारे में विस्तृत जानकारी दी। डॉ. रघुपमन ने बायो इन्फार्मेटिक्स, डॉ. नवीन ने इलेक्ट्रॉनिक्स, डॉ. ज्ञानी जैल सिंह और उनके सहयोगी अरिभान ने सिविल इंजीनियरिंग से संबंधित जानकारी देकर उन्हें जागरूक किया। रजिस्ट्रार ने तत्कालीन छात्रों को प्रोत्साहित कर पढ़ाई छात्र नवीन कुमार के सहयोग से छात्रों को कई वैज्ञानिक परीक्षण करवाए। स्कूल के अध्यक्ष और छात्रों ने इस कार्यशाला का भरपूर लाभ उठाया। कार्यशाला के दौरान छात्रों को डीएवी टेस्ट और रजिस्ट्रार के स्कूल पर धन्यवाद विभिन्न विद्यार्थियों से अवगत करवाया गया। अतः दत्तनगर में रजिस्ट्रार की संस्था से विज्ञान विद्यालय से आई टीम का धन्यवाद किया। उन्हें अतिथि में भी ऐसे कार्यशाला आयोजित करने का आग्रह किया।

HILLY RAMBLINGS

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Waknaghat, P.O. Waknaghat, Teh. Kandaghat
Distt. Solan, Pin – 173 234 (HP)
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