

HILLY RAMBLINGS

A NEWSLETTER OF JUIT



HIGHLIGHTS OF THIS ISSUE

- | | | |
|--|----------------------------|---------------------|
| ✓ 4 th International PGDC | ✓ NITTTR short term course | ✓ Prakaram |
| ✓ Workshops on Innovations and Property Rights | ✓ Faculty in Spotlight | ✓ Goonj |
| ✓ Workshop on Patent Filing and Geographical Indications | ✓ Guest Voices | ✓ Murious XI |
| ✓ Workshop on Data Acquisition and Analysis System | ✓ Academic Outreach | ✓ Biomodelling |
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| | ✓ Intellectual Capital | ✓ Annual Book Fair |
| | | ✓ Ballads of Nature |

4TH INTERNATIONAL CONFERENCE ON PARALLEL, DISTRIBUTED AND GRID COMPUTING (PDGC 2016)



The PDGC (International Conference on Parallel, Distributed and Grid Computing) conference has been a biennial Conference at Jaypee University of Information Technology, Wanknaghat, Solan, H.P., India since 2010 with sponsorship of IEEE. The conference has

become a platform for Computer Science researchers from India and abroad to



foundations and applications of parallel, distributed and grid computing areas.



exchange research results and ideas on the



Computer Science & Engineering department successfully hosted 4th International Conference on Parallel, Distributed and Grid Computing (PDGC) held on December 22-24, 2016.

The theme of the Conference was Parallel, Distributed and Grid Computing. The topics of interest include Distributed Systems, Parallel Computer Systems, Networks and Interconnection Networks, Network-based



Computing, Dependable Computing and Systems, Cluster and Grid Computing, Cloud Computing, Multimedia and Service Networking, Peer-to-Peer Computing, Security and Privacy in Distributed Systems, Petri Nets, Big Data Computing, Software Tools and Environments for Parallel and Distributed Platforms. Like the previous years, the



proceedings of the conference were published in IEEE Explore.

PDGC received a total of 512 paper submissions. After a rigid peer review process, 140 papers were selected for inclusion in conference proceedings supported by IEEE explore. The paper acceptance rate was 27.3%.



DISTRIBUTION OF ACCEPTED PAPERS	
International	7 Italy-1, UAE-1, Malaysia-1, Vietnam-1, Bangladesh-1, Egypt-1, Iraq-1
IIT	20 Roorkee-2, Kharagpur-1, Delhi-2, Guwahati-2, BHU-04, Ropar-04, ISM Dhanbad: 05
NIT	26 Trichi-4, Rourkela-4, Surat-2, Hamirpur-4, Srinagar-2, Krukshehra-05, Jaipur: 05
BITS	3 BITS Pilani: 01, BITS Goa: 02
IIIT/IISC/Central University	12 IIIT Allahabad: 3, IIIT Gwalior: 03, IIIT Jabalpur: 02, IIIT Gandhinagar: 02
Industry	13 Bel Bangalore: 07, NIC-1, CDAC-1, Bosch-1, TechniIndia-1, ISRO: 02
Reputed Govt/Pvt Universities	59
Total	140

Keynote speakers from around the globe graced PDGC 2016 by their presence and knowledgeable talks. **Prof Raj K Bhatnagar** University of Cincinnati, USA., **Prof. R. Govindarajan**, Indian Institute of Science (IISc),



Bangalore, **Prof. Santi Caballé** Universitat Oberta de Catalunya, Barcelona, SPAIN , **Prof. R.K. Ghosh** IIT, Kanpur, **Prof. Manoj Misra** IIT, Roorkee, INDIA were notable names for keynote lectures.



WORKSHOP ON INNOVATION AND INTELLECTUAL PROPERTY RIGHTS

One Day IPR workshop on "Innovation and Intellectual Property Rights" was held on 9th December, 2016 at Jaypee University of Information Technology in collaboration with HP Patent Information Centre, Shimla.



Sh. Kunal Satyarthi, Member Secretary of HP State Science Council was guest of honor. Prof. Himanshu Joshi and Dr. Ranjana Pathania were resource persons from IIT Roorkee.



WORKSHOP ON PATENT FILING AND GEOGRAPHICAL INDICATIONS

IPR cell organized a one day workshop (27 Feb., 2017) on **"PATENT FILING & GEOGRAPHICAL INDICATIONS"**.



Experts for the workshop were from National Research Development Corporation, New Delhi, Himachal Pradesh Patent Information Centre, Shimla, HP, and TIFAC, DST.

115 participants (80 from JUIT and 35 from other Institutes (Shoolini Univ., Chitkara Univ.) have attended the workshop.

The objectives of the workshop were:

- ✦ Patent application process and procedure in India,
- ✦ Importance of Prior Art in Research,
- ✦ Introduction to Patent Law
- ✦ Trademark and Copyrights-Introduction and filing procedure.
- ✦ Identification & Filing of application for possible Geographical Indications (GIs) of Himachal Pradesh.



S.No	Experts	Experts from	Topic
1	Dr. Sanjeeva Kumar Majumdar	Deputy Manager, National Research Development Corporation, New Delhi	Patent Filing procedures
2	Mr. Shashi Dhar	Senior Scientific Assistant, Himachal Pradesh Patent Information Centre, Shimla, HP	Geographical Indications of Himachal Pradesh
3	Dr. Archana Thakur	Woman Scientist, Fellow DST/TIFAC	Importance of Prior Art in Research
4	Mr. Ankush Prakash Sharma	Project Scientist, Himachal Pradesh Patent Information Centre, Shimla, HP.	Trademark and Copyrights-Introduction and filing procedure
5	Ms. Ritika Kanwar	Scientist-B (Patent), Himachal Pradesh Patent Information Centre, Shimla, HP	Introduction to Patent Law



WORKSHOP ON DATA ACQUISITION AND ANALYSIS SYSTEM

Department of Electronics and Communication Engineering organized a one day workshop on “Data Acquisition and Analysis system” by the experts from ADInstruments, New Delhi, India on 01 December 2016 (Thursday). It was conducted by Mr. JKL Prasad (BDM - North & East) and Mr. Muktesh Sharma (Application Specialist - North).

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.

More than 50 students and 18 faculty members have attended the workshop. Dr. Shruti Jain and Dr. Meenakshi Sood were the faculty coordinators of this workshop.



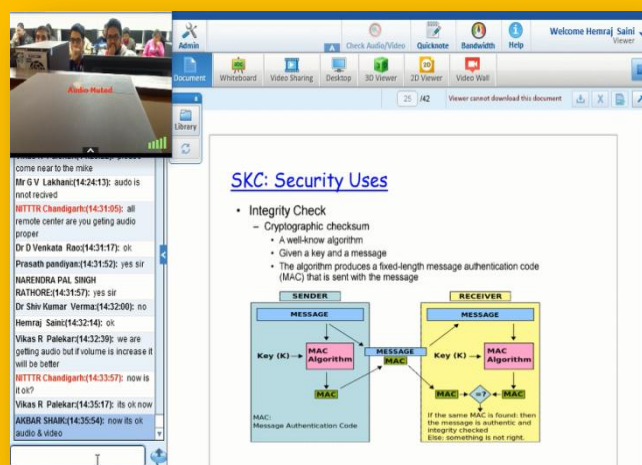
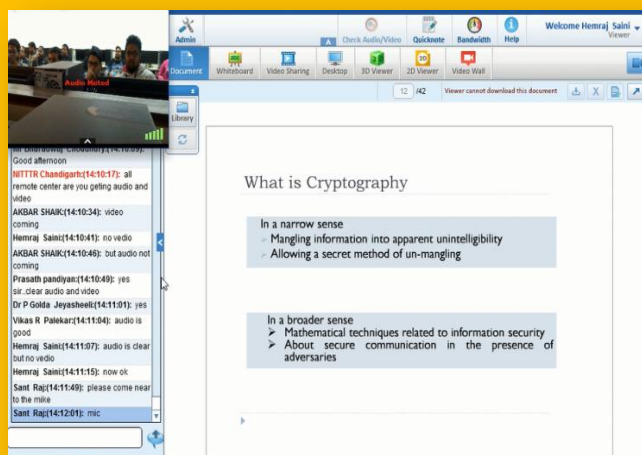
NITTTR'S SHORT TERM COURSE ON "CYBER CRIME AND FORENSIC TOOLS THROUGH ICT"

Jaypee University of Information Technology, Waknaghat had been designated as one of the remote center to conduct the Short Term Course on (STC) on "Cyber Crime and Forensic Tools Through ICT" from 06 - 10 Feb, 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 – Mr. Amrendra Sharan, Jr. System Programmer, CSE Dept. NITTTR Chandigarh.

In the STC total fifteen (15) 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-

- ✚ Prof.C.Rama Krishna, NITTTR Chandigarh
- ✚ Sh. Amit Doegar, NITTTR Chandigarh
- ✚ Dr. Rakesh Kumar, NITTTR Chandigarh
- ✚ Mr. Amrendra Sharan, NITTTR Chandigarh
- ✚ Er. Saurabh Kaushal, NITTTR Start-Up Head
- ✚ Dr. Gaurav Kumar, CEO-Magma Consultancy, Ambala
- ✚ Mr. Vipin Gupta, Director, U-NET Solution, Moga



At our remote center 54 registrations were sought and out of that 44 participants were regular and successfully completed the STC.

STATE LEVEL WORKSHOP ON VIRTUAL LABS

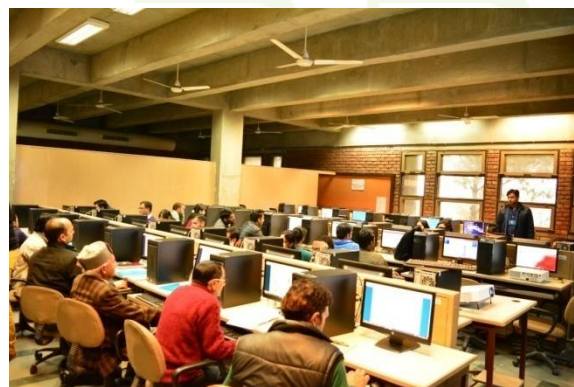


An MHRD Govt of India Initiative

The State Level Workshop on Virtual Labs was organized on 28th February 2017 at Jaypee University of Information Technology, Wanknaghat. The workshop was inaugurated by Prof. Vinod Kumar, Hon'ble Vice Chancellor of the University. The workshop organized in four sessions and each session was handled by an

expert from IIT Delhi. The team of experts from IIT Delhi comprised with Mr. Tanmay Tarun Das (Out-reach Incharge, Virtual Labs, IIT Delhi), Mr. Ashish Ranjan, Mr. Pratek Sharma and Mr. Mohak Kaushik.

A total of 10 participants from 5 universities/institutes were participated along with 50 participants (faculty/staff) from JUIT. The workshop was very interactive and informative. It was concluded with distribution of certificates to the external participants. The Workshop was coordinated by Dr.Hemraj Saini and Dr.Rajiv Kumar.



MINCHYS – AN INDUSTRIAL VISIT



On the 7th February 2017 the Biotech Departmental club "Synapse" organized an industrial trip for first year students accompanied by faculty coordinator Dr. Saurabh Bansal. The visit was to Minchys, situated in Sadhupul, Himachal Pradesh.



Within the industry premises Mr. Virender took charge and taken the group into manufacturing unit around noon and briefed up the introduction about the industry and as well as the number of production lines. The students were taken to the Filtration Unit of the Industry. Minchys has a wide array of products, ranging from the thirst quenching fruit juices to pickles, from squashes and crushes to jams and wines. The unit also comprises of testing lab for ensuring the quality and taste of the final products up to the standards.

The students were mentioned about the all technical and research activities happening in the plant like automated washing and making of fresh bottles from capsules, filling, capping,



labeling, filtration of juices , sterilization and packaging. The students also learned how an automated industry function with all stringent hygienic conditions maintained and using traditional techniques. The visit was an enriching experience for students in getting live exposure of manufacturing which can help them in internships and further career enhancements.



24TH HP STATE-LEVEL CHILDREN'S SCIENCE CONGRESS

The 24th HP State Level Children's Science Congress- 2016 held during 15-18 November 2016 at Nahan, HP. The congress was themed on 'Students' Education through Mobile Laboratories'. The main idea of the participation



of JUIT was to educate the students of Himachal Pradesh through mobile laboratories in the field of Biology and Engineering. Students were provided hands-on training for various laboratory experiments, equipments, and information regarding various departments of the University.



During this period; JUIT coordinators interacted with number of students, teachers almost from all the districts, towns and villages of Himachal Pradesh including few schools from nearby



states (Uttarakhand and Haryana). They also had interaction with H P state council scientific officers & staff, various administrative staff from other Govt. departments of HP, Haryana, Delhi, Uttarakhand etc. Some of the students and visitors also shared their experience of learning



through mobile laboratories.

The JUIT coordinators were also received queries for establishing mobile laboratories in various districts of H P. In the similar context St. Edward's school Shimla also agreed to have mobile laboratories exposure to their students in the month of April 2018.

Following were the co-coordinators from respective departments.

Department	Name of coordinator
Biotech & Bioinformatics	Dr. Sudhir Kumar, Associate Professor and Mr. Anil Kumar, Ph.D Scholar
Civil Engg	Dr. Ashish Kumar, Associate Professor
Computer Science Engg.	Dr. Pradeep Kumar Singh, Assistant Professor
Electronics & Communication Engg.	Dr. Shruti Jain, Assistant Professor and Kaushik Raj , B. Tech Final Year student

24TH DISTRICT LEVEL CHILDREN'S SCIENCE CONGRESS

The 24th District level Children's Science Congress was held in Govt. Sr. Sec. School, Dari Tehsil Dharamshala, District Kangra of Himachal Pradesh during 7th – 9th November 2016. JUIT was invited to put a stall and exhibit models and posters for the benefit of school students from Kangra District. Dr. Vineet Sharma (Physics Dept.), Dr. Poonam Sharma (BT and BI Dept.), and Dr. Y M Ragothaman (BT and BI Dept) put up a stall and conducted the event. They displayed 15 models and 8 posters in the event. They also had "JUIT at a glance" and

There were about 150-200 students who visited the stall and asked questions about JUIT and Biotechnology & Bioinformatics, its admission process and other details. Also, PGT and TGT teachers enquired about the university and the courses being offered.

The students were also interested in various models at the stall. The students were also participated in 'Color and Explore' coloring activity which had drawings of biomolecules that can be colored highlighting different



"Department of Biotechnology and Bioinformatics" fliers, along with one page coloring activity for children.



aspects. The students found the exhibited information full of knowledge and informative.



PARAKRAM-2016

Jaypee University of Information Technology organized its annual sports fest, PARAKRAM-2016 on 12th, 13th and 14th of November. It was a three day fest conducted by JYC with



students participating enthusiastically from different colleges and universities. On the morning of 12th November, amidst cheers,



whistles and claps, the opening ceremony started at 10 am at the BBC. The captains of all the participating teams took the pledge. After



that, VC Sir thanked all the participants for coming and declared the PARAKRAM open by serving the volleyball. Over 17 colleges took part in the fest, thus comprising of 250



students. 60 participants from our college participated in various sports. The main events were basketball, volleyball, table tennis,



handball and badminton.



JUIT remained the overall winner of PARAKRAM-2016 with 4 gold medals.

Apart from the main events, fun events were such as BLUR, counter strike; bluff, tug of war, mini militia, robotics race, FIFA, pain, clash royale and piano tile were also organized. On 14th November, all the participants and winners were awarded with mementos, certificates and cash prizes during the closing ceremony.



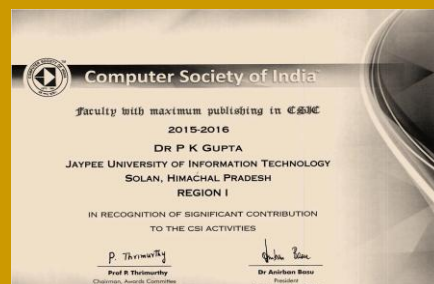
SPORTS	WINNERS
Basketball (Boys)	Thapar Institute of Engineering and Technology University, Patiala
Basketball (Girls)	Jaypee University of Information Technology, Wagnaghat
Volleyball (Boys)	Maharaja Agrasen University Baddi
Volleyball (Girls)	Jaypee University of Information Technology, Wagnaghat
Table Tennis (Boys)	Chitkara University, Rajpura
Table Tennis (Girls)	Chitkara University, Rajpura
Badminton (Boys)	Chitkara University, Rajpura
Badminton (Girls)	Jaypee University of Information Technology, Wagnaghat
Handball	Jaypee University of Information Technology, Wagnaghat
Chess	Jaypee University of Information Technology, Wagnaghat



FACULTY IN SPOTLIGHT



Dr. Pradeep Kumar Gupta, Assistant Professor (Senior Grade), Department of Computer Science Engineering and Information Technology of JUIT has been awarded by the Computer Society of India for his significant contributions to CSI activities and in recognition of his achievement as a faculty with maximum publishing in CSIC 2015-16. JUIT family congratulates him on this prestigious achievement.



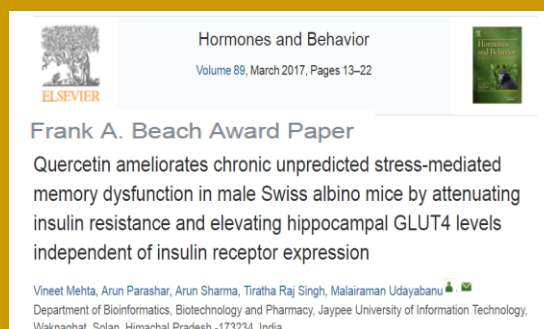
Dr. Harish Changotra, Associate Professor, Department of Biotechnology and Bioinformatics, has been awarded a research project (Rs 2,50,000) titled "Role of plasma level of soluble receptor for advanced glycation end-products

(sRAGE) in COPD patients- hospital-based case-control study" by Indian Council of Medical Research. This is a collaborative project with IGMCI, Shimla and Dr. Changotra is a Co-Investigator in this project.

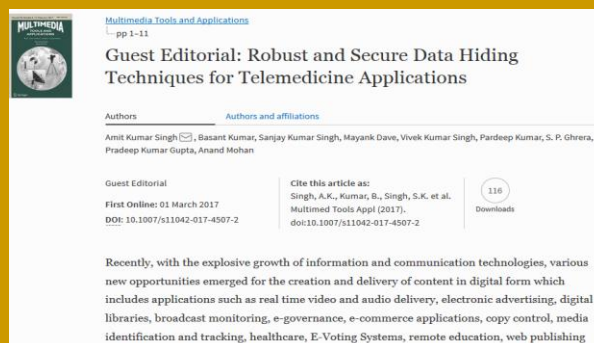


Dr. Malairaman Udaybhanu, Assistant Professor and **Dr. Tiratha Raj Singh**, Assistant Professor of Department of Biotechnology and Bioinformatics were co-authored a paper which has been selected for 'Frank A Beach Paper Award'. The complete reference of the paper is: "Mehta V, Parashar A, Sharma A, Singh TR, Udayabanu M. (2016) Quercetin ameliorates chronic unpredicted stress-mediated memory dysfunction in male Swiss albino mice by attenuating insulin resistance and elevating hippocampal GLUT4

levels independent of insulin receptor expression. *Horm Behav.* 89. 13-22. DOI: 10.1016/j.yhbeh.2016.12.012"



Dr. Amit Kumar Singh, Assistant Professor, Department of Computer Science Engineering and Information Technology has served as Guest Editor (Corresponding Editor) for the special issue of Springer's 'Multimedia Tools of Applications' journal. Prof. S P Ghrera, Dr. Pardeep Kumar, Dr. Pradeep Kumar Gupta were also served as Guest Editors in this special Issue. This special issue will be ready to publish on 1st March 2017 and detail of the same can be accessed from <http://link.springer.com/article/10.1007/s11042-017-4507-2>



PROMOTIONS



Dr. Hemraj Saini

- Department of CSE
- Promoted to Associate Professor



Dr. Amit Srivastava

- Department of HSS
- Promoted to Associate Professor



Dr. Shruti Jain

- Department of ECE
- Promoted to Associate Professor



Dr. Gunjan Goel

- Department of BT/BI
- Promoted to Associate Professor



Dr. Rajiv Kumar

- Department of ECE
- Promoted to Associate Professor



Dr. Garlapati Vijay Kumar

- Department of BT/BI
- Promoted to Assistant Professor (Sr. Grade)



Dr. Santu Kar

- Department of CE
- Promoted to Assistant Professor (Sr. Grade)



Dr. Surajit Kumar Hazra

- Department of PMS
- Promoted to Assistant Professor (Sr. Grade)



Dr. Sunil Datt Sharma

- Department of ECE
- Promoted to Assistant Professor (Sr. Grade)



Dr. Ragini Raj Singh

- Department of PMS
- Promoted to Assistant Professor (Sr. Grade)



Dr. Ashwani Sharma

- Department of ECE
- Promoted to Assistant Professor (Sr. Grade)



Ms. Nishtha Ahuja

- Department of CSE/IT
- Promoted to Assistant Professor (Grade II)

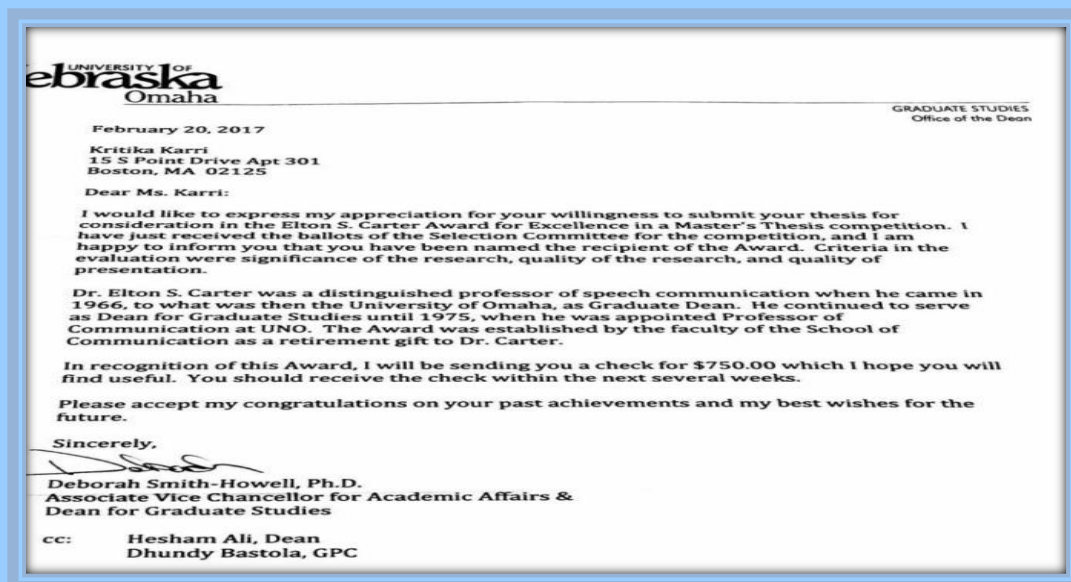


Dr. Neena Jindal

- Department of HSS
- Promoted to Assistant Professor (Grade I)

The Elton S Carter Award for Excellence in a Master's Thesis Competition

Ms. Karitika Karri, is a 2013 batch passout and completed her Masters in Medical Informatics at College of Information Science & Technology, University of Nebraska, Omaha, USA. She was selected for a Summer Internship at Harvard Medical School, USA. She is the recipient of the Elton S Carter Award for Excellence in a Master's Thesis competition. The criteria in the evaluation were significance of the research, quality of research, and quality of presentation. She received \$750.00 in recognition of this award.



WEBINAR

You may leave college, but the learning, experiences and relationships stay forever!

Webinar is all about interacting with the alumni



and asking about their experiences, new opportunities & how things can be explored in near future in various avenues in these areas. With this perspective, on 19th November 2016 **Alumni Affair Committee** of synapse under the

co-ordination of Akshita Gupta (Student Coordinator) and Dr. Saurabh Bansal (Faculty Coordinator) successfully conducted an online interactive session "Webinar" with **Miss Shivai Gupta**.

Miss Shivai has completed her Bachelor degree in Biotechnology from JUIT in 2015. She did her master in research from Georgetown University, Washington D.C., USA with certificate in Bio-business. Currently she is working for US Food And drug Administration (FDA). Students cleared their all queries linked with career options, migration , fellowships etc with pretty satisfying counseling from her side. In totality, the essence of the event to gain knowledge on future prospective abroad and the technicalities involved was retained till the very end.



MURIOUS XI

The Technical Fest of Jaypee University of Information Technology, Murious XI was organized by CREATECH in collaboration with IEEE-JUIT Student Branch and ACM-JUIT Student Chapter. The three day fest was organized



during 10th – 12th February 2017. Dr. Meenakshi Sood, Dr. Shruti Jain and Dr.



Pradeep K Singh were the faculty coordinators for this event.

Murious XI began with the cultural night, “Synchrotron” on 10th February 2017. Dr. Dinesh Tyagi, Chief Executive Officer of CSC e-



GOVERNANCE Services India Limited was the Chief Guest of the night. The night also showcased the Bot dance of Manav (the first made in India robot by Mr. Diwaker Vaish). The night was followed by the beginning of the



technical events on 11th February 2017. A Tech Talk by Mr. Diwaker Vaish was conducted



where he displayed his various projects and shared his experiences.

This was followed by the Video chat of Mr. Ritvik Srivastava, who is the CEO of Gazifab.



Various events were also conducted on the second day of Murious XI. Jeopardy Quiz, the brainstorming event for the students who want



to exhibit the knowledge at the right time and in the right place. Many fun events such as Virtual Cricket Auction, Maze of Lethe, Robo pin, etc. were also conducted which saw a huge participation of the enthusiastic students. For the students with innovative ideas and projects,



Exposicion (Hardware) and Exposicion (Software) were conducted where the students were given the platform to present their ideas to everyone. Many robotics events such as Robo Race, Robo Soccer and Maze-bot were organized on 12th February 2017. In Robo Race the bot was supposed to overcome all hurdles in the minimum possible time. In Robo Soccer, soccer was played by the wireless bots. In maze bot, the maze solving skills of the participants



were taken to the next level where the participants were to escape the maze with the bots in minimum possible time.



For all the coders we organized the events Codez and HackerCup. These events helped the participants to show their coding talents. RoboExpo the exhibition of Mr. Diwaker Vaish's projects was also set up for all the learners.



Adrenaline, a two day event, was also organized for those who love to play. Adrenaline included the games: BLUR, FIFA 16, PAIN, CS 1.6 and CS Go. In all the events, winners were awarded with prices and certificates. Students' coordinators and Volunteers were awarded with appreciation certificates. Murious XI was a huge success. Its unforgettable imprints remain with us.



GOONJ

The Arts and Cultural Club of JUIT Youth Club organised Goonj, the musical night on the eve of 27th November 2016. Prof. Samir Dev Gupta,



Director and Academic Head, JUIT, graced the occasion and lit the lamp.



The musical extravaganza was witnessed for the night where students with beaming eyes and enthusiastic faces tapped their feet and clapped their hands enjoying every moment of it. If there was a single standout moment at evening, it was when the voices of the 200-strong audience that filled the auditorium and became one to sing along to Bulleya, arguably Rooh, the band's most sentimental hit of the night.



Performances by all the students were splendid as they delivered a soulful rendition. They were appreciated by one and all. Six Strings delivered an alluring performance which mesmerised the crowd. The bands from various universities also showcased their talent. The energy displayed by Out of the blue band was unbeatable. They not only danced to foot tapping beats themselves, they also made others sway. It was one those performances that did not disappoint unless, the event chaos with the time duration was something that dampened the spirits of metal-heads.



The western group performances by F. Society managed to spell-bound the audience while the performance by Urban Bhangra Crew presented the Punjabi culture of the show that made the audience dance to the foot-tapping numbers. Many scintillating items included Himachali folk dance and presented by the Pakke Pahadiye, the dance group added flavour to the occasion.



SESSIONS ON CAREER PROSPECTS IN BIOTECHNOLOGY AND BIOINFORMATICS



The Career Team of Synapse, the student club of Department of Biotechnology and Bioinformatics organised interaction sessions for the students of the Department on 28th November 2016 to apprise the students of the



current career prospects in the field of Biotechnology and Bioinformatics.

The first session for biotechnology students was conducted by **Dr. Jata Shankar** on “Career in Academics: Opportunities in India & Abroad” followed by second session for bioinformatics students by **Dr. Raghu Yennamalli** on “Career in Bioinformatics”. The workshop witnessed active participation of students from both years where they gain insights on possible career



opportunities in the field of biotechnology and bioinformatics in India as well as abroad.

The Synapse Career Team coordinated by Mr. Rahul Pramjeet (Student Coordinator) under the guidance of Dr. Rahul Shrivastava (Faculty Coordinator) with an aim to groom students for



their prospective career has also initiated a bio-based test series titled "Infinity" that aims at enhancing the aptitude and reasoning capabilities of the students and familiarizing them with pattern of various placement and other competitive exams. Motivated by positive response “Infinity” received, the team has conducted a series of three tests till now and would be conducting more such tests in the semester.

BIOMODELLING

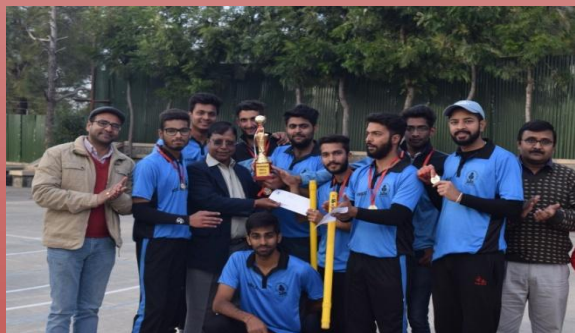
Inquisitiveness galored through the halls of JUIT on 26 November 2016 as students displayed their Bio – models at the Biomodelling contest organized by Synapse club of Biotechnology and Bioinformatics department of the University. The 16 participating teams were given a span of one month to create their bio based models and displayed an amalgam of creativity and unconventional thinking. The teams were judged on presentation skills, concept, technicality, aesthetic appeal, application of

inter-branch knowledge and creativity. Dr. Poonam Sharma, Dr. Meenakshi and Dr. Jata shankar were part of the judging team. Akash Luthra bagged first prize and the runner ups were Aakriti and Suchita, while Harshita and Shubhangi went on to win the third position. Winners were awarded with certificates and discount coupons, with this the exuberant and enlightening competition reached its conclusion.



INTRA HOSTEL CRICKET LEAGUE

Intra Hostel Cricket League was organized during Republic Day week, i.e. 24th – 29th January 2017 to increase sportsmanship and



team spirit among the students and to create friendlier environment in the hostels. The tournament was organized exclusively for the hostel residents of the university. The registration was free and overall 6 teams, Team



1 (H4), Team 2 (H5), Team 3 (H9), Team 4 (H10), Team 5 (H11) and Team 6 (Azad) were registered with 11 members in each team.



Six league matches were played in total from 24th - 28th January 2017. The Team1 and Team4 from Group 1 and Team2 and Team3 from Group 2 qualified for the semifinals and Team3 and Team6 were eliminated on the basis of points. First semifinal was played between Team4 and Team5 on 29th January 2017 (Sunday) at 9:30AM, followed by second semifinal at 11:30AM on same day. Team1 and Team 5

made it to the final which was also played on the same day at 3:00 PM. The final match was witnessed by the Director Dr. (Prof) Samir Dev



Gupta, Dr. Rakesh Bajaj and Dr. Amit Srivastav. The final match was won by Team1. The winner team lifted the IHCL 2017 Trophy and also got the prize worth Rs.3400. Also, every member of the team was honored with medal. Mr.



Neelkanth Vyas was declared Man of the Tournament and was awarded with a trophy and a bat signed by all the dignitaries. Team5 was the runner-up and the entire team got the prize worth Rs.2000/-. Man of the match in each match were also awarded prize worth Rs.250/- by the Director.

The tournament was a grand success with good participation. The University has provided the funds to organize the event. The event was organized by students under the supervision and guidance of Dr. Rakesh Kumar Bajaj.



GEETA IN-HOUSE

The Geeta In-house was organized by JUIT Youth Club on 25th January, 2017. The theme decided for this year's party was Bollywood. Being an exclusive and anticipated event for the girls, it was most awaited. It is a night where girls can enjoy, dance, play fun games and eat self cooked food. This year's in-house was no exception.

All the clubs and committees came together for this event to make it successful. The preparation started with the making of delicious dishes such as chocolate fudge, pasta, momos, sandwich, gol gappe, coffee, etc. Fun events such as paper dance, and pseudo shots were organized. Photo booth was also put up by the photography club.

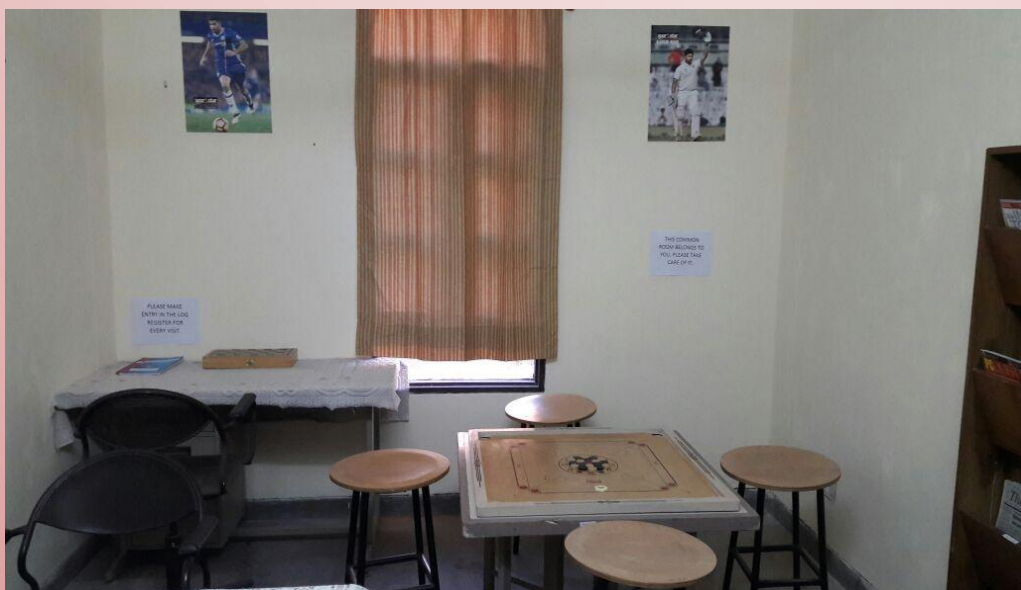
The event started at around 7pm. The Hon'ble Vice Chancellor, Prof. Vinod Kumar and his wife were invited as Chief Guests to the in-house. They arrived at nearly 7.15pm. Their presence in the event was inspiring and they even tasted some of the food items prepared by different clubs and committees. Most of the girls'

students purchased food items from the counters installed for selling out the prepared dishes. A huge rush was also observed at 'Mehndi Stall' arranged in the event. The party started in full swing as the girls started dancing and having fun. The event ended after 12 am. Everyone danced and enjoyed till they could. The food items were delicious and everything was finished before time. This type of events really strengthens the bond between friends. All the girls get a time to bond with juniors, seniors and just enjoyed the event.



COMMON ROOM INAUGURATED

A common room for hostels H4 and H11 was inaugurated by the Registrar & Dean (Student Welfare), Brig. K K Marwah (Retd) on January 31st, 2017 (Tuesday) in the evening at 5:30 PM. The common room is a mini fun hub for all the residents of hostels H4 and H11, equipped with games like chess, carrom board and jenga. Newspapers and magazines are also placed in it for the students to enrich their general knowledge in their leisure time. The common room got functional just after the inauguration. This common room is managed by all the residents of the hostel.

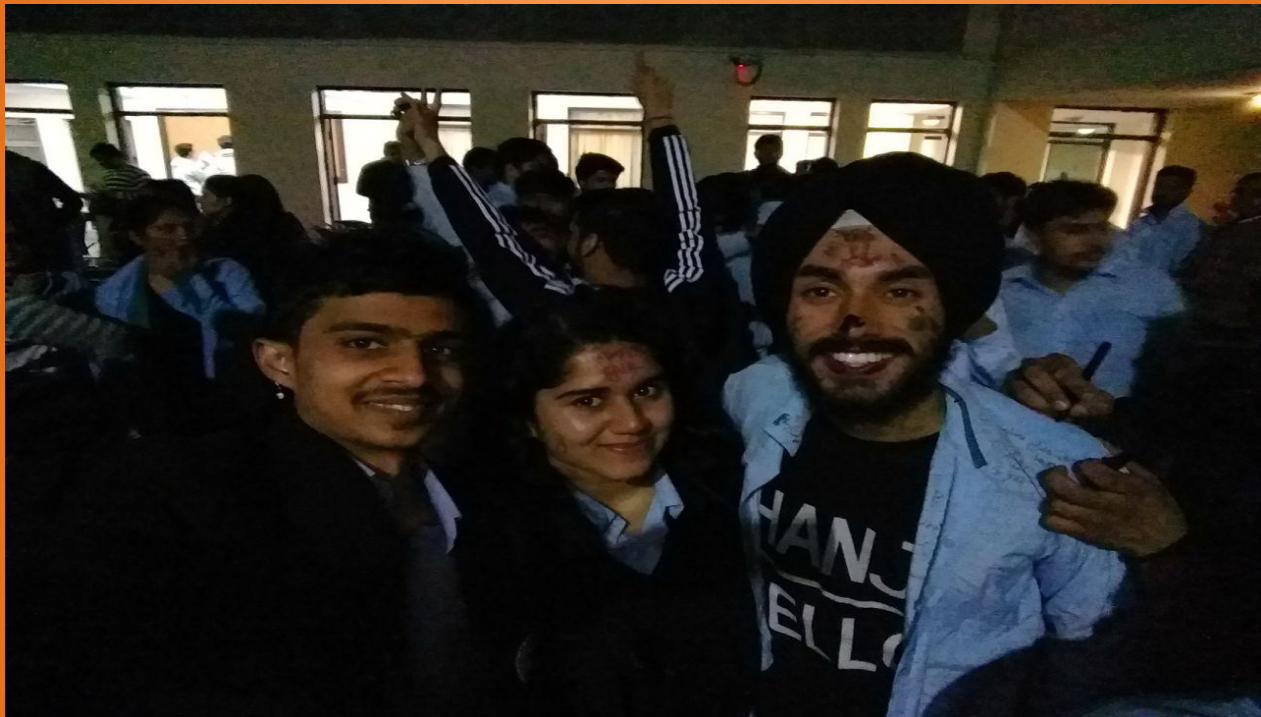


GOOD BYE ALMA MATER – SCRIBBLING DAY

Parting ways has never been easy. The feeling of separation from your friends brings emotional sadness. But to bid good bye easily, the students attending condensed semester had their traditional Scribbling Day on 30th January, 2017. On this day students gathered in auditorium. They were shown a short documentary prepared by JYC-Movie club to bid farewell to all the condensed semester's students. Final year students came in uniform shirts and got back all scribbled, penned by the loved ones and not-so-loved-ones as well. It's amazing how parting words have the power to shape our memories of the people we shared a part of life with!

On this day all the fourth year students scribbled the shirts of their friends and batch mates. Those shirts will now become a memory which will bring smile to all the nostalgic faces.

The students also tapped their feet to the never ending beats of music. At the end of the day what all students had was a box full of memories to cherish forever.





68th Republic Day Celebration

The 68th Republic Day was celebrated on 26th January 2017 (Thursday) in the campus. Hon'ble Vice Chancellor, Prof. Vinod Kumar hoisted the National Flag in the campus. In his address, Prof. Vinod Kumar urged the audience to extend their best services to the country so that collectively we could support in the national building process. He also stated that being a

higher academic institute we need to strive on more focused and quality education.

Although the region witnessed a heavy rain on this Republic Day but young and energetic students of JUIT had played a patriotic Nukkad Natak (Play) which was very thought provoking and was applauded by each one present there.



JUIT ANNUAL BOOK EXHIBITION - 2016

Learning Resource Center (LRC) of JUIT organized an annual book exhibition on the campus during 10th – 11th November 2016. The book exhibition is helpful to students in



many dimensions because not only one get connected to good text books but also many other books of general nature which are helpful



to improve overall personality. It was undoubtedly an enriching event which added



new dimension in book recommendation and selection process for enriching the library collection. The main objective of this book exhibition was to promote long-life learning and



intellectual development in the competitive environment by building a state-of-the-art collection in key areas of the university. Around



22 Internationally renowned publishers had displayed their latest publications. All publishers



brought in most of their newly published books on the areas of Engineering and Technology. Apart from engineering/technology, books in other areas such as novels, fictions, motivational, communication etc were also exhibited. The faculty and students took active part in the grand exhibition and suggested books to enrich the library collection with quality contents.

The Hon'ble Vice Chancellor Prof. (Dr.) Vinod Kumar and the Director Academics, Dr. Samirdev Gupta, were taken a keen interest and

visited each and every stall installed. Their presence inspired faculty, students and publishers to take quality benefit of the book exhibition organized. Brig. K K Marwaha, the Registrar also extended all his administrative support to the event. HoDs of all departments and faculty members advised students to take an active part in recommending and selecting books of their academic needs for the library. Nearly 5000 books were displayed and about 1010 recommendations were received.



VISIT TO JUIT CAMPUS

Visit on 15th November 2016

A group of 33 persons from different occupations like Gram Panchyat Pradhans, progressive farmers and social workers representing different villages of Sunni area, Shimla district, HP visited JUIT on November 15th, 2016 at 6:15 PM. They came with high aspirations about the university and wanted to acquaint with the different courses and activities, which our esteemed university is conducting. They were welcomed by Prof. R S



Chauhan (Head & Dean Dept. of BT and BI) with a passionate presentation on JUIT, including different UG/PG courses, infrastructural strengths, achievements/ distinctions of the University in research and academics at national level, collaborations with various national/international institutes of repute, plethora of students' extracurricular activities, and placements of graduates in different industries. They were also taken around Biotech Labs, LTs, CRs and Library. They visited bio-gas plant and shown how bio-gas is produced from different waste. They visited our whole campus, had dinner in Annapurna and left the campus at 8:30 PM.

Visit on 15th November 2016

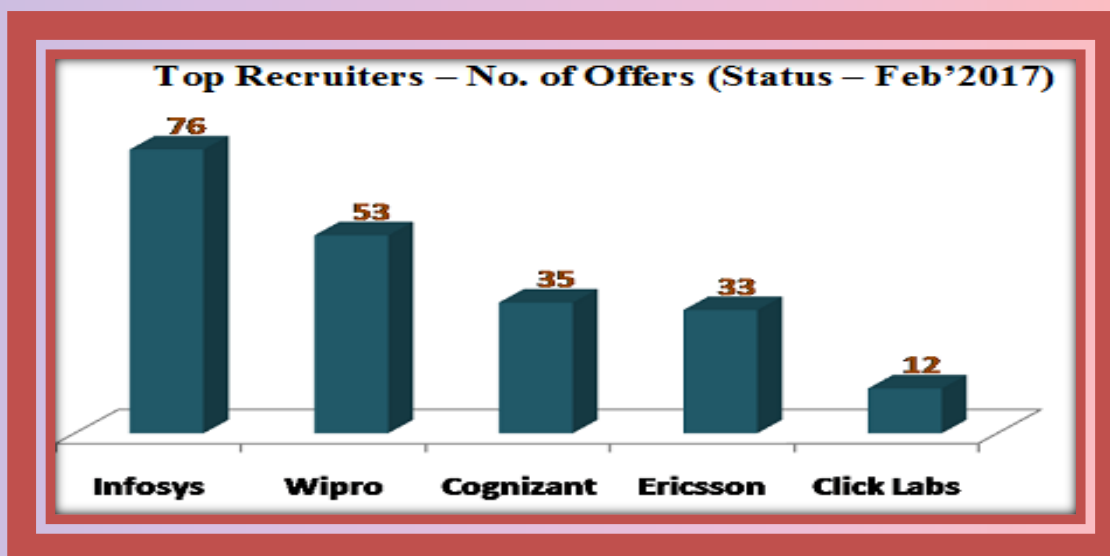
On February 13th, 2017 at 1:00 PM, Mr. Ratiram (Chairman Narkanda) with a team of 28 persons having different occupations like Panchyat Pradhan's and Social worker from different villages of Shimla (Himachal Pradesh) visited JUIT campus and acquainted with its various activities.



PLACEMENT & TRAINING

Placement Highlights – Batch 2017 (Status – Feb'2017)

- ⊕ Highest package offered to JUIT students of 26 Lakhs per annum by Amazon.com
- ⊕ 236 Offers received for 356 eligible students till Feb'2017 (Placement in progress for all branches)
- ⊕ 58 companies visited JUIT till Feb'2017, with a minimum package of 3.25LPA and Maximum of 26LPA



Other Major Recruiters:



amazon.in



STUDENT EXCHANGE PROGRAMS

JUIT, Wagnaghat has student exchange programs with the University of Virginia, USA and University of Florida, USA (for the students of Computer Science and Information Technology). The selected students pursue their final semester credits (Jan – June) at the respective US Universities.

Following students have been selected for Student Exchange Programme with University of Florida, USA and University of Virginia, USA for the Jan – June 2017 semester.

Name	Program	Roll No.	University
Gaurav Patial	B.Tech (BT)	131580	University of Virginia, USA
Utkarsh Shrivastav	B.Tech (CSE)	131305	University of Florida, USA
Prashant Ahuja	B.Tech (CSE)	131296	University of Florida, USA
Mihan Ali	B.Tech (CSE)	131314	University of Florida, USA
Karan Khullar	B.Tech (CSE)	131254	University of Florida, USA
Hitesh Choudhary	B.Tech (CSE)	131264	University of Florida, USA
Harshit Marwah	B.Tech (ECE)	131090	University of Florida, USA
Anushka Gupta	B.Tech (ECE)	131010	University of Florida, USA
Rajan Batra	B.Tech (ECE)	131009	University of Florida, USA
Sanna	B.Tech (ECE)	131005	University of Florida, USA
Pankhuri Aggarwal	B.Tech (ECE)	131089	University of Florida, USA
Parth Sethi	B.Tech (ECE)	131004	University of Florida, USA
Raghav Kaushal	B.Tech (CSE)	131210	University of Florida, USA

JUIT Mourns the sudden demise of Karan Khullar



The whole JUIT family mourns unfortunate demise of our beloved and brilliant student Karan Khullar (131254), B.Tech., 8th Semester CSE Program.

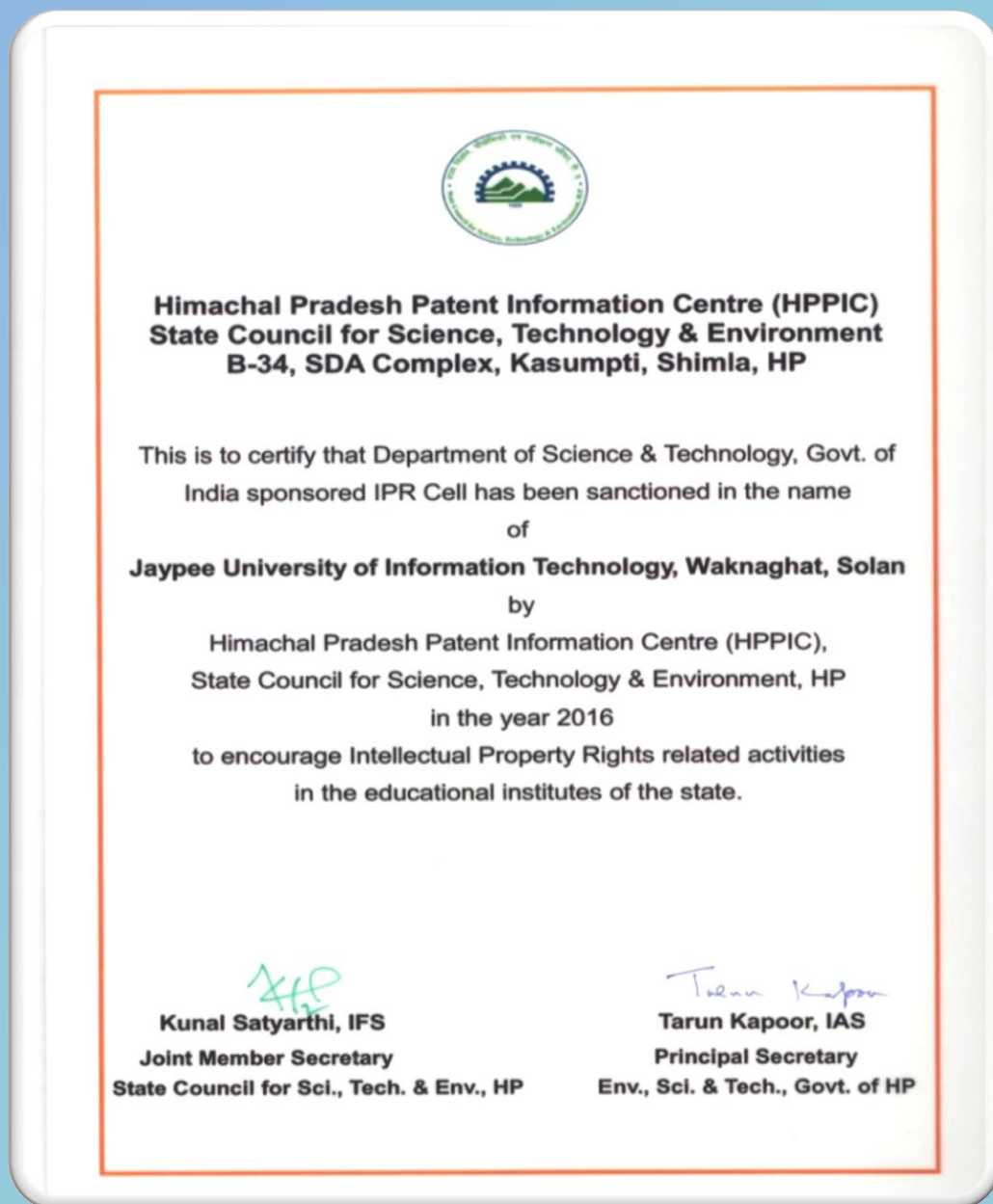
Karan Khullar was pursuing his studies at University of Florida, USA under the student exchange program. He lost his life in an unfortunate accident on February 11, 2017. Everyone in JUIT was saddened by this tragedy and express condolence to the bereaved family.



IPR CELL @ JUIT

The Department of Science and Technology (DST), Government of India granted IPR Cell to JUIT through HP Patent Information Centre,

Shimla. Dr. Sudhir Kumar is IPR Cell Coordinator, Dr. Shruti Jain and Dr. Pradeep Kumar Singh are Co- coordinators.



ROBOTICS & EMBEDDED SYSTEM LAB

A New Lab 'Robotics & Embedded System Lab' has been established in Jaypee University of Information Technology (JUIT), Waknaghat. The lab is supported by the 'e-Yantra' project of MHRD under NMEICT Project. The 'e-Yantra' project is being coordinated by IIT Bombay.

Following are the members of this initiative:

Name	Department	Team
Dr. Meenakshi Sood	ECE Dept.	Team Leader
Mr. Punit Gupta	CSE Dept.	Team Member
Mr. Mohit Garg	ECE Dept.	Team Member
Mr. Puneet Kumar Jain	CSE Dept.	Team Member

Two team members (Mr. Mohit Garg and Mr. Puneet Kumar Jain) have successfully participated in two-day workshop on 'Introduction to Robotics' conducted on 9th – 10th December 2016 held at IIT Bombay for setting up the lab

TECHNOLOGY INNOVATIONS & ENTREPRENEURSHIP DEVELOPMENT CENTRE

The University has established a 'Technology Innovations & Entrepreneurship Development Centre. This Centre will focus on a mission of

creating, fostering and promoting the spirit of entrepreneurship and research among the students from different academic disciplines.

BALLADS OF NATURE

in conversation with Sanjeev Bansal

JYC- Alumni Affairs Committee organized a formal book launch ceremony of one of our alumnus Mr. Sanjeev Bansal on 28 November 2016. The air of palpitation enthralled every heart of JUIT with the fragrance of excitement and proud. The event began with the auspicious lamp lighting ceremony. Hon'ble Vice Chancellor Prof(Dr) Vinod Kumar, Director Prof(Dr)Samir Dev Gupta, Registrar (Rtd) Brig.



K.K. Marwah along with Alumni Affairs committee faculty co-coordinator Dr. Pradeep Kumar Pandey and faculty member Ms. Neena



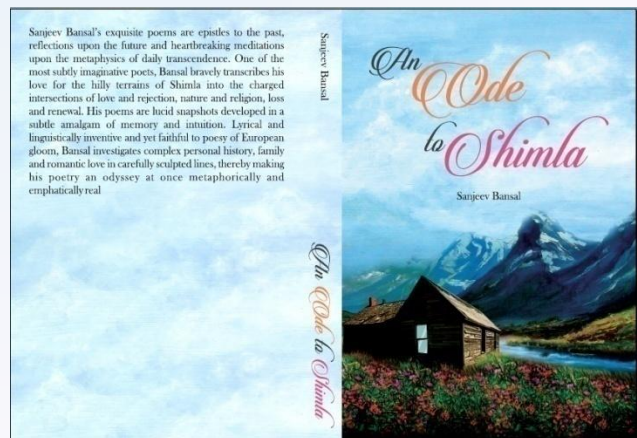
Jindal honored the chief dignitary of the evening 'the writer and poet Mr. Sanjeev

Bansal'. The words of appreciation were given by the vice chancellor Prof (Dr) Vinod Kumar. Henceforth, the time came when "An Ode To Shimla" was launched. Mr. Bansal shared his propitious experience of the books he wrote and encouraged the youth for the enhancement of writing skills.

The keen and enthusiastic audience then



jumped to a session of conversation and the event took vigour when Mr. Bansal was called on the stage, with round of questions and enhanced the interaction. The Institute witnessed such an exuberant book launch ceremony. Mr Bansal is an inspiration to every JUITian.



GUEST VOICES



Mr. K V Jagannath had an interactive session with the faculty members of JUIT on the topic 'Motivating themselves and the students' on 2nd February 2017 at JUIT campus. Mr. Jagannath is the CEO and MD of Choice Solutions, Hyderabad. His company is a leading IT infrastructure and data centre solution provider which is not only serving Indian customers but also thousands of customers in outside India as well. He is also the visiting faculty at Department of management Studies, IIT Roorkee. Mr. Jagannath had also conducted a special session for JUIT students on 2nd February 2017 and shared his insights and topic on new start-ups, entrepreneurship and effective leadership.



Mr. Diwakar, Vaish, Head of Robotics and Research at A-SET training and research institutes. He is a developer of india's First ever completely indigeneous 3D printed humanoid robot called 'Manav'. India's first mind controlled robot and world's first production brain controlled wheelchair. Mr. Vaish delivered a tech-talk on Robotics for the students and faculty of Jaypee University of Information Technology, Waknaghat on 11 February 2017.



Dr. Rangaraj M. Rangayyan is Professor Emeritus of Electrical and Computer Engineering at the University of Calgary, Calgary, Alberta, Canada was visited JUIT from 19th – 20th January, 2017. He delivered lectures on 'Detection of Architectural Distortion in Prior Mammograms: Subtle Signs of Breast Cancer' and 'Computer-aided Diagnosis of Retinopathy of Prematurity'.

OTHER DISTINGUISHED VISITORS (Names in alphabetical order)

NAME	AFFILIATION	DATE
Dr. Archana Thakur	Women Scientist Fellow DST/TIFAC	27.02.2017
Prof. Himanshu Joshi	IIT, Roorkee	09.12.2016
Mr. JKL Prasad	Business Development Manager - North & East, ADInstruments	01.12.2016
Prof. Manoj Misra	IIT, Roorkee	22-24.12.2016
Mr. Muktesh Sharma	Application Specialist – North, ADInstruments, New Delhi	01.12.2016
Prof. R. Govindarajan	Indian Institute of Science (IISc), Bangalore	22-24.12.2016
Prof. Raj K Bhatnagar	University of Cincinnati, USA	22-24.12.2016
Prof. R.K. Ghosh	IIT, Kanpur	22-24.12.2016
Dr. Ranjana Pathania	IIT, Roorkee	09.12.2016
Dr. Sanjeeva Kr. Majumdar	Deputy Manager, National Research Development Corp, Delhi	27.02.2017
Prof. Santi Caballe	Universitat Oberta de Catalunya, Barcelona, SPAIN	22-24.12.2016

Ph.D SNAPSHOT



Mr. Ahmed Nawaz Khan (106751) of Department of Pharmacy has completed his Ph.D on 'A Study of Quality, Evaluation and Rational Use of Medicine with Regulatory Perspectives' under the supervision of Dr. Udyabanu M.



Ms. Neena Jindal (096803) of Department of Humanities and Social Sciences has completed her Ph.D on 'Information and Communication Technology: a framework for good governance in reference to selected states of India' under the supervision of Dr. Anil Sehrawat.



Ms. Neetu Faujdar (136211) of Department of Computer Science and Engineering has completed his Ph.D on 'Performance Enhancement of Sorting Algorithms Using GPU Computing with CUDA' under the supervision of Dr. S P Ghrera.



Mr. Nikhil Malhotra (106565) of Department of Biotechnology and Bioinformatics has completed his Ph.D on 'Unraveling Molecular Biology of Aconites Biosynthesis in a High Value Medicinal Herbs Aconitum Hetrophyllum Wall' under the supervision of Prof. R S Chauhan.



Mr. Punit Gupta (136209) of Department of Computer Science and Engineering has completed his Ph.D on 'Fault Aware Load Balancing and Learning Based Resource Allocation in Cloud' under the supervision of Dr. S P Ghrera.



Mr. Ritendra Rajkumar Mishra (126003) of Department of Electronics and Communication Engineering has completed his Ph.D on 'Energy Harvesting Using Piezoelectric Elements to Power Microelectronic Devices' under the supervision of Dr. Shruti Jain (Guide) and Dr. C. Durga Prashad (Co-guide).



Mr. Suman Saha (136212) of Department of Computer Science and Engineering has completed his Ph.D on 'Community Detection in Complex Network: metric space, nearest neighbor research, low-rank approximation and optimality' under the supervision of Dr. S P Ghrera.



Ms. Urvashi Chugh (116205) of Department of Computer Science Engineering and Information Technology has successfully defended her PhD Viva-Voce, Department of Computer Science & Engineering. She was working on her research topic "Clustering and Change Point Detection in Wireless Sensor Networks" under supervision of Dr. Yashwant Singh.

AVSAR – A DONATION DRIVE

Happiness is not something ready-made. It comes from our own actions. Indeed, who doesn't want to be happy, but have you ever thought about making others happy, cheering other people, bringing smiles on their faces.

AVSAR an event organised by the environment club of JYC takes initiative to unroll the 'Joy of giving' in the JUIT family.

Avsar, as the name signifies, is an opportunity for the people of this university to give happiness to people behind the eight ball in areas where they need our help for their livelihood. This AVSAR is given to the JUIT family since 2014. This year, the event was organised from 24th to 26th of November 2016. The family gave exceptionally great response which led to the success of the donation drive. People donated whatever was absolute for them and could have been of great use for the poor and needy.



Donations came in the form of newspapers, old clothes, footwear, bags, books, plastic.

It's not how much we give but what matters is the love we put into giving. This was what shown by one of the faculty member. He donated toys for children. The toys made childhood of his child, now they are going to make someone else's childhood lovely.

Club members were highly convincing and motivating owing to generation of such overwhelming response, they babbled door to door and collected the donation.

The club is blessed of having so much helping Vice Chancellor and faculty coordinator Gopal Bisht sir. Happiness is what you think, what you say and what you do in harmony. The event was a great success and may touch new heights in future.

'No one has ever become poor by giving'

Anne Frank

ACADEMIC OUTREACH



Prof. Chauhan, R.S., Dean & HOD, Department of BT/BI was an External Expert in Assessment Committee Meeting of the National Agri-Food Biotechnology Institute (NABI), Mohali of the Department of Biotechnology, Ministry of Science & Technology, Govt. of India, on 27 January 2017.

Prof. Chauhan, R.S., Dean & HOD, Department of BT/BI was an 'External Expert' in Executive Review Meeting of XII Plan Project of DRDO, DIHAR at DRDO Headquarter, Ministry of Defense, Govt. of India, Delhi on 13 February 2017.

Prof. Chauhan, R.S., Dean & HOD, Department of BT/BI had Invited lecture on "NGS Transcriptomics to Unravel Biosynthetic Pathways for Phytopharmaceuticals in Medicinal Herbs" 2nd National Conference on "Next Generation Sequencing" jointly organized by the Bioserve and the CCMB, Hyderabad, DURING 22-24 February 2017.



Dr. Kumar, Sudhir, Associate Professor, Department of Biotechnology and Bioinformatics, delivered an expert lecture on Electronic waste: Impact and Management in "National Seminar on issues of E-waste Management" at Govt. Degree College, Arki, Solan, Himachal Pradesh on 17 December 2016.



Dr. Jain, Shruti, Associate Professor, Department of Electronics and Communication Engineering had delivered a guest lecture on "Bio Electronic Sensor" in Giani Zail Singh Campus College of Engineering and Technology (GZS CCET), Maharaj Ranjit Singh Punjab Technical University, Bathinda, Punjab, India on December 5, 2016.



Dr. Shrivastava, Rahul, Assistant Professor, Department of BT/BI has delivered a guest lecture on 'Identification of novel genes

responsible M. fortuitum drug resistance' in UK - India Workshop on 'Tackling the emergence of antimicrobial resistance: increasing virulence and facilitating research network' funded by the British Council and the Royal Society of Chemistry under the prestigious Newton Link Research Grants [IMTECH, Chandigarh; 7-10 November 2016].



Dr. Singh, Ghanshyam, Professor, Department of Electronics and Communication Engineering was delivered an invited lecture on the topic 'Next Generation Communication system: Technological advancement and Future perspective' at National Science Day at Faculty of Engineering, VBS Pruvanchal University, Jaunpur, UP on 28 February 2017.



Dr. Singh, Tiratha Raj, Assistant professor, Department of Biotechnology and Bioinformatics, delivered an invited talk entitled "Annotation of Complex Biological Networks Through Simple Network Motifs" in National Symposium of Bioinformatics and Computational Systems Biology (NSBCSB) held at Central University of Himachal Pradesh, Dharmshala during 12-14 November 2016.



Dr. Sood, Meenakshi, Assistant Professor of Electronics and Communication Engineering had delivered an expert lecture on 'Mobile and Wireless Communication' at UIIT, Himachal Pradesh University, Shimla on 3 December 2016.



Dr. Yennamalli, Ragathan, Assistant professor, Department of Biotechnology and Bioinformatics, represented as a resource person for the DBT sponsored workshop 'Molecular modelling for disease causing proteins and drug targeting' at Himachal Pradesh University, Summer Hill, Shimla on 23 November 2016.

ACADEMIC CONNECT

CONFERENCE/WORKSHOP/SYMPOSIA PARTICIPATION

Dr. Durai, R S Raja, Associate Professor, Department of Mathematics presented paper entitled 'Multiple-rate Maximum Rank Distance Codes' was presented at the International Symposium on Information Theory and Its Applications (ISITA), during 30th October – 2nd November 2016, held in Monterey, California, USA.

Mr. Dhulia, Anirban, Assistant Professor of Department of Civil engineering attended short-term course on 'Theory and practices in construction project management' under QIP from 12th – 16th December 2016 at IIT Jammu. The purpose of course was to have an exposure on current development and Innovations in the field of construction Management.

Dr. Ganguly, Rajiv, Associate Professor, Department of Civil Engineering attended One Day IPR workshop on 'Innovation and Intellectual Property Rights' held on 9th December 2016 at Jaypee University of Information Technology, Waknaghat.

Dr. Ganguly, Rajiv, Associate Professor, Department of Civil Engineering attended a Four Day workshop on 'Urban Air Pollution in Indian and UK cities: Characterisation and Prediction of Chemically Reactive Pollutants' held on 28th November to 1st December 2016 at IIT Delhi.

Mr. Gupta, Aakash, Assistant Professor of Department of Civil engineering attended short-term course on 'Theory and practices in construction project management' under QIP from 12th – 16th December 2016 at IIT Jammu. The purpose of course was to have an exposure

on current development and Innovations in the field of construction Management.

Mr. Kar, Santu, Assistant Professor of Department of Civil engineering attended short-term course on 'Theory and practices in construction project management' under QIP from 12th – 16th December 2016 at IIT Jammu. The purpose of course was to have an exposure on current development and Innovations in the field of construction Management.

Dr. Kumar, Ashish, Associate Professor, Department of Civil Engineering attended One Day IPR workshop on 'Innovation and Intellectual Property Rights' held on 9th December 2016 at Jaypee University of Information Technology, Waknaghat.

Dr. Kumar, Ashish, Associate Professor, Department of Civil Engineering attended One Day IPR workshop on 'IPR Workshop on Patent Filing & Geographical Indications' held on 27th February 2017 at Jaypee University of Information Technology, Waknaghat.

Dr. Kumar, Sudhir, Associate Professor of Biotechnology and Bioinformatics, participated in one day workshop on 'Intellectual Property Rights in Research, Development and Academics' held on 25th November 2016 at HFRI, Panthaghati, Shimla. This was organized by HP Patent Information Centre, Shimla.

Dr. Pandey, P.K., Assistant Professor, Department of Mathematics presented a paper entitled as 'Physical Applications of the Geometry of Differentiable Manifolds' was presented in the International Conference on Recent Advances in Mathematical Sciences and

its Applications (RAMSA-2016), held on 8th – 10th December 2016 at Department of Mathematics, JIIT, Noida.

Dr. Sood, Meenakshi, Assistant Professor of Electronics and Communication Engineering participated in one day workshop on 'Intellectual Property Rights in Research, Development and Academics' held on 25th November 2016 at HFRI, Panthaghati, Shimla. This was organized by HP Patent Information Centre, Shimla.

Dr. Sood, Hemant, Assistant Professor, Department of Biotechnology and Bioinformatics, presented paper entitled, 'Optimization of culture conditions for the production and germination of artificial seeds of *Nothapodytes nimmoniana*' in 6th International Conference on Recent Trends in Engineering, Science & Management held on 8th January 2017 at National Institute of Technical teachers Training & Research, Chandigarh.

Dr. Sood, Hemant, Assistant Professor, Department of Biotechnology and Bioinformatics, presented paper entitled as Development of suspension cultures and ex vitro rooting in *Rauwolfia serpentina* for rapid and large scale multiplication 3rd International Conference on Innovative Trends in Science, Engineering & Management held on 7th January 2017 at YMCA Connaught Place, New Delhi.

Dr. Vashistt, Jitendraa, Assistant Professor, Department of BT/BI attended a workshop on 'Innovation and Intellectual Property Rights' held on 9th December 2016 at Jaypee University of Information Technology Waknaghat.

Dr. Vashistt, Jitendraa, Assistant Professor, Department of BT/BI attended a workshop on 'Patent Filing and geographical Indications' held on 27th February 2017 at Jaypee University of Information Technology, Waknaghat.

NEW FACULTY ON THE BOARD



Dr. Nafis uddin khan has joined in the Department of Electronics and Communication Engineering as Assistant Professor (SG) on 14th January 2017. Dr. Khan has completed his Ph.D on 'Anisotropic Diffusion Approaches for Adaptive Image Enhancement and De-noising' from ABV Indian Institute of Information Technology and Management, Gwalior in 2013. His area of interest includes digital signal and image processing, adaptive image processing and fuzzy based applications in image processing.



Dr. Sujit Kumar Patel has joined the Department of Electronics and Communication Engineering as Assistant Professor (SG) on 14th January 2017. Dr. Patel has completed his Ph.D from JUET, Guna in 2016. His areas of interest are VLSI Systems Design for Signal Processing Algorithms, Arithmetic Circuits for Signal Processing.

INTELLECTUAL CAPITAL

ARTICLES IN JOURNALS

Agarwal, S., Kaur, G., Randhawa, R., Mahajan, V., Bansal, R., & **Changotra, H.** (2016). Liver X Receptor- α polymorphisms (rs11039155 and rs2279238) are associated with susceptibility to vitiligo. *Meta gene*, 8, 33-36.

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Bala, K., **Sharma, P.**, & Negi, N. S. (2016). Investigation on multiferroic, optical and photoluminescence properties of CoFe₂O₄/(Pb 1- x Sr x) TiO₃ nanostructured composite thin films. *Solid State Sciences*, 61, 63-69.

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Kaur, R., Sangal, A. L., & **Kumar, K.** (2016). Modeling and simulation of adaptive Neuro-fuzzy based intelligent system for predictive stabilization in structured overlay networks. *Engineering Science and Technology, an International Journal*, 20(1). 310-320. DOI: 10.1016/j.jestch.2016.06.015.

Kumar, A., Devi, R., & Kumar, S. (2016). Use of Pine Needles as Substrate for Biogas Production. **International Journal of Renewable Energy Research (IJRER)**, 6(4), 1242-1247

Kumar, G., & Saini, H. (2016). On Reduced Computation Cost for Edwards and Extended Twisted Edwards Curves. **Indian Journal of Science and Technology**, 9(44). DOI: 10.17485/ijst/2016/v9i44/105071

Kumar, S., Singh, S., & Singh, A. (2017). A Muzzle Point Pattern based Techniques for Individual Cattle Identification. **IET Image Processing**. DOI: 10.1049/iet-ipr.2016.0799

Kumari, A., & Singh, R. R. (2017). Encapsulation of highly confined CdSe quantum dots for defect free luminescence and improved stability. **Physica E: Low-dimensional Systems and Nanostructures**, 89, 77-85

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Nutan, Jain S, Shilpa, Tomar A, Changotra H and Vashistt J (2016) Computational Tools: Indispensable Armamentarium of Medical Biotechnology. **Indian Journal of Science and Technology** 9: 1-4.

Padhan, J. K., Kumar, P., Sood, H., & Chauhan, R. S. (2016). Prospecting NGS-transcriptomes to assess regulation of miRNA-mediated secondary metabolites biosynthesis in *Swertia chirayita*, a medicinal herb of the North-Western Himalayas. **Medicinal Plants-International Journal of Phytomedicines and Related Industries**, 8(3), 219-228.

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