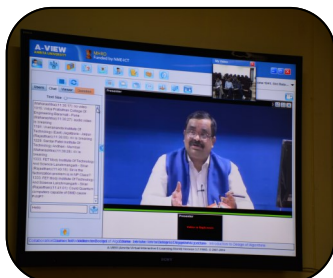




VC delivers Distinguished Lecture at MIET

Prof. Sudhir K. Jain was invited to deliver a Distinguished Lecture at Model Institute of Engineering Technology on the topic "Intellectual Property Rights for Competitive Advantage in the WTO Era". In his address, Prof. Jain emphasized the importance of creating awareness about IPRs and said that all technical and non-technical graduates should be exposed to IPR knowledge. He said that IPR is the cornerstone for driving competitive global advantage and provided several real-world examples pertaining to IPR monetization. He further stated that India as a country needs to enhance its IPR protection laws in accordance with the TRIPS agreement. He recommended use of Patents & other innovations by the SMEs for deriving competitive advantage in the WTO era.



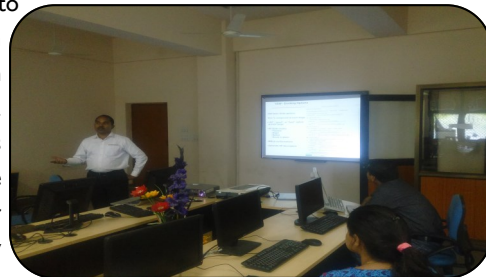
Workshop on Introduction to Design of Algorithms

School of Computer Science and Engineering in collaboration with IIT, Kharagpur conducted two weeks ISTE STTP on "Introduction to Design of Algorithms" under the coordination of Mr. Manoj Kumar as Workshop Coordinator, and Mr. Sudesh Kumar as Remote Centre Coordinator. The workshop, one in the series, has been conducted under National Mission on Education through ICT (NMEICT) project sponsored by MHRD, Govt. of India. The workshop was targeted to train the faculties in various aspects of Algorithm Design so as to enhance their skills in teaching & research.

The workshop included online activity equivalent to one week from 27th April to 24th May and one week physical participation from 25th May to 30th May, 2015. The workshop comprised of assignments, lectures, Quizzes and discussions on various topics among participants. The Lectures including inaugural and valedictory functions were live broadcast from IIT, Kharagpur using A-view Software to Remote Centres. During the workshop, Lectures were delivered by the Prof. Partha Pratim Chakrabarti, Director, IIT Kharagpur along with other faculties of IIT, Kharagpur.

Vice President, Schrodinger USA visited SMVD University

R. Raghu, Vice President, Schrodinger USA visited School of Biotechnology on 25th May, 2015 to deliver a lecture on "Recent Advances in Targeted Drug Design". The main focus of his lecture was on the success of Schrodinger suite in drug discovery across the leading



Pharma R&Ds. He discussed various challenges that are encountered in identification of drug able compound and their lead optimisation and how Schrodinger Suite addresses those using novel algorithms of Water Map, Glide, Ligprep softwares. Schrodinger Suite is the world's leading suite of drug design, protein modelling, antibody design, ADME of drug (absorption, distribution, metabolism, and excretion) calculator softwares. It has a highly interactive Maestro visualisation tool that helps drug designers to study the surface physical properties of the druggable binding pocket.

Faculty Update

Prof. V. K. Bhat, Dean, Faculty of Sciences visited Sobolev Institute of Mathematics, Novosibirsk, Russia to attend international conference on Algebra, Mathematical logic, and applications at Novosibirsk, Russia from May 3rd to 7th May, 2015. Prof. Bhat delivered a talk titled "Weak sigma-rigid rings and their extensions over Noetherian rings" during the conference.

Dr. Vandhana Sharma, Director, School of Languages & Literature delivered a lecture on "Street Violence: Women as Soft Target" in a Three-Day Training Course for Police Inspectors on "Crime Against Women's" organized by Sher-I-Kashmir Police Academy, Udhampur., J&K on 12th May, 2015.

Dr. V.K. Dogra, Assistant Professor, SALD delivered an invited talk on Design Awareness for Ply Wood Cluster organized by PHD Chamber of Commerce and Industry on 13th May 2015 at Jammu.

Dr. Kamni Assistant Professor, School of Physics delivered a talk in a "Workshop on Scientific Technologies" and conducted practical demonstrations on Michelson Interferometer and Fresnel's Biprism at Govt. College for Women, parade Ground, Jammu -180011, J & K on 18th-19th May, 2015.

Dr. Ram Prakash, Assistant Professor, School of Physics, received a project entitled "Synthesis and study of electronic structure of transition metal doped and undoped Eu_2O_3 thin films" sponsored under the Collaborative Research Scheme (CRS) of UGC-DAE Consortium for Scientific Research (CSR) Indore, India.

Papers Published

Sandeep Kumar, Ram Prakash, R.J. Choudhary "Structural, XPS and magnetic studies of pulsed laser deposited Fe doped Eu_2O_3 thin film." , D.M. Phase; Materials Research Bulletin, 70 (2015) 392-196 (DOI: 10.1016/j.materresbull.2015.05.007).

Sandeep Kumar, Ram Prakash, and Vinay Kumar "A novel yellowish white Dy^{3+} activated $\alpha\text{-Al}_2\text{O}_3$ phosphor: Photoluminescence and optical studies." Functional Materials Letters , 8, (2015) 1550061. (DOI: 10.1142/S1793604715500617)

Dr. Vivek Kr. Singh, Assistant Professor, SOP recently published a research article entitled "Elemental and Molecular Analysis of Gallstones using Wave-Dispersive X-Ray Fluorescence and Fourier Transform Infra-red Spectroscopy" in an International Journal "Advanced Science Letters" of Impact Factor: 1.253.

Dr. Pabitra Kumar Jena, Assistant Professor, SOE published a paper entitled "Determinants of Foreign Direct Investment Inflows into India after Globalisation: An Empirical Investigation" in The Asian Economic Review, Vol. No 57, Issue 1, pp. 2-18.

Dr. Sharda Potukuchi, Assoc. Prof. SBT published a paper entitled "Comparative sequence- and structure-inspired drug design for Pif protein of *Neisseria meningitidis*" has been published in BioMed Central Journal – **Human Genomics**, authored by Abijeet Singh Mehta (B. Tech. IBT Alumni student 2011 Batch), Kirti Snigdha, M Sharada Potukuchi and Panagiotis A Tsonis and can be accessed at DOI 10.1186/s40246-015-0027-1.

P.P. Mokoena, M.L. Chithambo, Vinay Kumar, H.C. Swart, O.M. Ntwaeaborwa, Thermoluminescence of calcium phosphate co-doped with gadolinium and praseodymium, *Radiation Measurements* 77 (2015) 26-33 (Publisher: Elsevier)

Papers Presented

Dr. Vivek Kr. Singh, Assistant Professor, SOP participated in Two day workshop on "Modern Development and application in Imaging techniques" organized by School of Biotechnology, Shri Mata Viasno Devi University, Katra, Jammu & Kashmir from May 26th -27th, 2015.

Dr. Swarker Sharma, Assistant Professor, SBT participated in Two day workshop on "Modern Development and application in Imaging techniques" organized by School of Biotechnology, Shri Mata Viasno Devi University, Katra, Jammu & Kashmir from May 26th -27th, 2015.

Students Update

Final design Thesis Jury

A 3-Day Final Design Thesis Jury was conducted for final year (5th Year) Design Thesis Projects on 27th - 28th & 29th May, 2015. Three SPA Delhi Alumni) & Ar. Sanjay Tickoo (Senior Architect, J&K Govt.).

Member expert panel was framed for the purpose i.e. Ar. Ashish Gupta (Reputed Architect & Practicing Urban Designer, Delhi. A SPA Delhi Alumni), Ar. B.V. Sharma (Reputed Practicing Architect Jammu, All students presented their Cumulative work for the semester which was continuously evaluated in 04 different preliminary stages earlier too. Final presentations also included well-presented models & animated 3-d Views, Walk-throughs etc. Batch of 38 students (+03 backlogs) appeared for the final thesis jury for the current academic session which would constitute 5th Graduating batch of SALD since the inception of SALD in 2006 .

Papers Presented

Mr. Ram Krishan, Research Scholar and DST- Inspire fellow of School of Mathematics, SMVD University, presented a paper titled "Weighted differentiation composition operators from fractional Cauchy transforms to weighted type spaces" in the two days "5th International conference on Recent trends in Applied Physical, Chemical Sciences, Mathematical/ Statistical and Environmental Dynamics (PCME- 2015)" organised by "Krishi Sanskriti" on 2nd- 3rd May, 2015 held in Jawaharlal Nehru University, New Delhi.

Mr. Ram Krishan, Research Scholar and DST- Inspire fellow of School of Mathematics, SMVD University, participated and presented a paper titled "Products of composition, differentiation and multiplication operators from fractional Cauchy transforms to weighted spaces" in the 24th Annual conference of Jammu Mathematical Society and a National Seminar on Topological Algebraic Analysis organised during May, 14th -16th , 2015 in the Department of Mathematics, University of Jammu, Jammu.

Papers Published

Ram Krishan and Ajay K. Sharma "Weighted differentiation composition operators from fractional Cauchy transforms to weighted type spaces" Journal of Basic and Applied Engineering Research, Print ISSN: 2350-0077, Online ISSN: 2350-0255; Volume 2, Number 13; 2015



Food for Thought!

Your time is limited, so don't waste it living someone else's life. Don't be trapped by dogma - which is living with the results of other people's thinking. Don't let the noise of others' opinions drown out your own inner voice. And most important, have the courage to follow your heart and intuition.

- Steve Jobs

Contributed by:
Mr. Girdhari Lal Sharma, Publication & Media cell