

54th Annual Conference of Association of Microbiologists of India (AMI): A Report

Pratyosh Shukla

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The 54th Annual Conference of the Association of Microbiologists of India (AMI-2013) and the Platinum Jubilee Celebrations of the Association was held at Maharshi Dayanand University, Rohtak, Haryana, India during November 17–20, 2013. An International Symposium on 'Frontier Discoveries and innovations in Microbiology and its Interdisciplinary relevance' (FDMIR-2013) was held in conjunction with the conference. The premier event was organized in collaboration with the National Institute of Food Technology Entrepreneurship and Management (NIFTEM), Kundli, Sonapat, India. AMI, established in 1938, is one of the oldest and most reputed scientific organizations of the country. The program included plenary and panel sessions with invited speakers and poster presentations. More than 1800 participants including 25 speakers from overseas attended this prestigious conference. Eminent speakers from USA, UK, Australia, Spain, South Korea, Sweden, France, Mexico, Germany, Nigeria, Japan, Finland and South Africa attended this important scientific conference. Further, a specially convened global scientific session was participated by six international societies of microbiology viz. American Society for Microbiology (ASM), Spain-India joint scientific session of the Scientific Board of the European Section on Applied Biocatalysis, South Africa Society of Microbiology (SASM), Japanese Society of Enzyme Engineering (JSEE), Microbiological Society of Korea (MSK) and Nigerian Society of Microbiology (NGM). The conference provided an opportunity for research professionals in microbiology, biotechnology and allied life sciences for novelty to discuss

and share the proficiency and familiarities in microbiological research for societal benefits.

The program was inaugurated on 17th November, 2013 at Tagore Auditorium of the university by Mr. B.S. Hooda, Chief Minister of Haryana who expressed his satisfaction in bringing together researchers from academia, industry and the government through such conferences to ensure knowledge sharing for societal upliftment. 'Guest of honour', Prof. Dinesh Singh, Vice-Chancellor, University of Delhi, reiterated the need for integration of knowledge base among interdisciplinary areas of science and other disciplines for effectively utilizing microbiological research results in the upcoming knowledge driven society. Er. H.S. Chahal, Hon'ble Vice Chancellor, M.D. University, Rohtak and Chief Patron of AMI-2013 in his welcome remarks commented the significance of such conferences and role of AMI in developing research and academic interest amongst young researchers. In his Presidential address Prof. Rup Lal, President AMI, deliberated the growth of AMI and its broader fields with inclusion of newer topics and research areas. He described the role of microbiologists and challenges in front of them towards the excellence of academic and scientific communities. The session was also addressed by Prof. Tapan K. Adhya, General Secretary, AMI, Dr. P. Shukla Organizing Secretary, AMI 2013 and Prof R.C. Kuhad, Chairman, Organizing Committee. The souvenir cum abstract book of AMI 2013 was also released by the Chief Minister of Haryana in the presence of all the dignitaries.

In his keynote speech, Prof. Julio Polaina, Institute of Agro-chemistry and Food technology, CSIC, Spain spoke on the molecular engineering of glycoside hydrolases for food applications and discussed recent discoveries on structural and functional studies of relevant industrial enzymes. In this international event twenty technical

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sessions were organized under different themes viz. Agricultural and soil Microbiology, Algal Biotechnology, Biodiversity, Bio-fuel and Bio-energy, Bioinformatics and Metagenomics, Environmental Microbiology, Enzyme Technology, Food Microbiology, Industrial Microbiology, IPR, Medical Microbiology, Nano-biotechnology and Plant Microbe Interaction. There was also a joint ASM-AMI session on infectious diseases. Each session of the conference consisted of an invited lectures by the chair followed by poster presentations on explicit themes by the participants afterwards discussion with chair, co-chair and delegates. There were more than 30 platinum jubilee lead invited lectures, 9 young scientists' presentations and 950 posters. In each session, the best poster presentations were awarded by AMI to support the young research students in the form of prize, souvenir and certificates. The conference

also witnessed the signing of MoU between AMI, India and ASM, USA to have a formal association between the two sister societies of Microbiology.

The valedictory session was presided by Shri Jagannath Pahadia, Hon'ble Governor of Haryana and Chancellor, M.D. University, Rohtak in the presence of Er. H.S. Chahal, Hon'ble Vice Chancellor, M.D. University, Rohtak, Vice Chancellor, Prof. S.S. Sangwan, VC, PBDS Health University, Rohtak, Prof. Victor Di Rita, ASM, USA, Prof. Rup Lal, President, AMI, Prof. T.K. Adhya, General Secretary, AMI, Prof R.C. Kuhad, Chairman, Organizing Committee, Prof. Julio Polaina, CSIC, Spain and AMI officials from the Central Council. The 55th Annual conference of AMI will be organized by Tamilnadu Agricultural University (TNAU), Coimbatore, Tamilnadu.

3.3.2 - (2)

**Report on
National Workshop on Genomics & Proteomics in Collaboration with BioRad
Laboratories Pvt. Ltd.**

Event Report: Department of Biochemistry has organized national workshop on Genomics & Proteomics in collaboration with BioRad laboratories Pvt. Ltd. India on 3rd to 5th March'2014. Twenty five participants throughout nation were selected for this event. The aim of this workshop is to provide an exposure of few genomics and proteomics techniques to the researchers, which they can use in their future endeavors. Overall workshop is divided into two parts: Genomics and Proteomics, which will run simultaneously. As we know in a cell, information flows from DNA to RNA to Protein. There exists a need to develop a mechanistic understanding of protein speciation and understanding the role of the genome in transcription and to develop precise models of where and when the initiation and termination takes place for transcription. To understand such complex models of cellular functions, of transcription and translation, there is a need to have models generated from evaluating numerous gene and protein sequences to compare and reconstruct the earliest stages of evolution. Accordingly, new area of research like genomics and proteomics has evolved to decode the complex cellular phenomenon. In the end of the workshop, all participants were taking high about this event and found confident to apply these techniques in the research.

Event Link:

http://www.mdurohtak.ac.in/pdf/Notices_Pdf/new_notice/Worshop%20cover%20page.pdf

NATIONAL LEVEL SUMMER WINTER SCHOOL TRAINING
ON
CAPACITY BUILDING FOR GEOSPATIAL TECHNOLOGY

9TH JUNE 2014 – 29TH JUNE 2014

SPONSORED BY

NATURAL RESOURCE DATA MANAGEMENT SYSTEM
(NRDMS)

DEPARTMENT OF SCIENCE AND TECHNOLOGY
(DST) Govt. of India, New Delhi

ORGANISED BY

DEPARTMENT OF GEOGRAPHY
MAHARSHI DAYANAND UNIVERSITY
ROHTAK (HARYANA) 124001

Prof. Mehtab Singh

Coordinator

E-mail: mshrana241@gmail.com

Mobile No: 09416306053

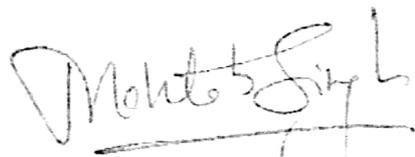
Venue

Department of Geography, M.D.University, Rohtak

M.D. University Rohtak
Department of Geography
NRDMS Capacity Building Training Programme in Geospatial Technology
(9th June 2014 to 29th June 2014)

List of Participants

Sr.No.	Name	Institution Name
1	Arun Sangwan, Sr. Scientist	LUVAS, Hissar
2	Makhan Singh, Assist. Professor	Govt. College Mahendergarh
3	Rajesh Parmar, Associate Professor	M.D. University, Rohtak
4	Asha Sharma, Assist. Professor	M.D. University, Rohtak
5	Gulab, Assist. Professor	KVA DAV College Karnal
6	Vinay Kumar, Assist. Professor	GBPG College, Rohtak
7	J.S. Laura, Professor	M.D. University, Rohtak
8	Manjit, Research Scholar	Dept. of Geography, M.D. University, Rohtak
9	Vineet Bala, Assoc. Professor	Vaish College Rohtak
10	Amita Kumari, Lecturer in Geography	Vaish College Rohtak
11	Preeti Atwal, Assist. Professor	KVA DAV College Karnal
12	Partibha, Assistant Professor	VAKM, Bahadurgarh, Jhajjar
13	Ashu Rani, Assist. Professor	RGGCW, Bhiwani
14	Sumitra Bairagi, Assist. Professor	RGGCW, Bhiwani
15	Priyanka, Ext. Lecturer	G.C.W. Tosham, Bhiwani
16	Shiv Kumar, Research Scholar	Dept. of Geography, M.D. University, Rohtak
17	Rinku, Assistant Professor	K.M. Kharkhoda, Sonapat
18	Nishan Singh, Assist. Professor	Guru Nanank Khalsa College, Karnal
19	Kiran Bala, Assist. Professor	M.K.J.K. College, Rohtak
20	Neelam Garg, Assist. Professor	M.A.C.W. Jhajjar
21	Pardeep Kr Jangra, Research Scholar	Dept. of Geography, M.D. University, Rohtak
22	Devender Singh, Research Scholar	Dept. of Geography, M.D. University, Rohtak
23	Pardeep Kumar, Research Scholar	Dept. of Geography, M.D. University, Rohtak
24	Simran Deep Kaur, Assist. Professor	DAV PG College Karnal
25	Sarvesh Kadyan, Assist. Professor	Guru Nanank Khalsa College, Karnal
26	Rajesh, Assistant Professor	Govt. College Julana, Jind


 30.1.2015

Capacity building Programme on Geospatial Technology
(9 June to 21 June 2014)
Geography Department M.D. University, Rohtak

Attendance Chart

Date 22/06/2014

Sr No.	Name	Institution	Signature
1	Neelam Garg	M.A.C.W. Jhajjar	Neelam Garg
2	Pankaj	V.A.K.M. Bahadurgarh	Pankaj
3	Rishank	G.C.W. Tosham	Rishank
4	Rinku	K.M. Khosla, Khoda (Sonapat)	Rinku
5	Dr. Sumitra Baisagi	R.G.C.W. Bhiwani	Baisagi
6	Vineet Bala	Vaish College, Rohtak	Vineet Bala
7	Poojeep Kumar Jais	R.S. Dept. of Geog.	Poojeep
8	MANJIT	M.D.U	Manjit
9	Gulab	KVA DAV College for Women Rohtak	Gulab
10	SOMRANDEEP KAUR	D.A.V. PG. COLLEGE KAN	Somrandeep
11	NISHAN SINGH	G.N.K.C. KARNAL	Nishan
12	Sarvesh Kauliyar	G.N.K.C. Karnal	Sarvesh
13	Vinay Kumar	G.B.P.G. College, Rohtak	Vinay Kumar
14	Rishank	G.C. Tulana	Rishank
15	ANU KUMAR	(R.S.) Dept. of Geog. M.D.U. Rohtak	Anu Kumar
16	Poojeep Kumar	M.D.U. ROHTAK	Poojeep Kumar
17	Darshak Singh	M.D.U. Rohtak	Darshak
18	Kiran Kalia	M.K.J.K. College, Rohtak	Kiran
19	Amrita Kumari	G.B.P.G. College, Rohtak	Amrita
20	ARUN SONAWAN	LUVAS Jhajjar	Arun
21	Makhan Singh	Govt. College H/Gachh	Makhan Singh
22	Rajesh Parmar	M.D.U. Rohtak	Rajesh
23	Rajesh Parmar	K.V.A. DAV College for Women	Rajesh
24	ASHU RAM	R.G.C.W. Bhiwani	Ashu Ram
25	Dr. Ashu Sharma	Mad. Coll. Dept. of Botany M.D.U. Rohtak	Ashu Sharma
26	Dr. S.S. Zaveri	BVS M.D.U	S.S. Zaveri

3.3.2 - (4)

6/6/2018

Maharishi Dayanand University, Rohtak Mail - Urgent related to 3.3.2 reports.



NAAC CR 3 <naac.cr3@mdurohtak.ac.in>

Urgent related to 3.3.2 reports.

1 message

HOD, Chemistry MD University, Rohtak <hod.chem@mdurohtak.ac.in>
To: NAAC CR 3 <naac.cr3@mdurohtak.ac.in>

Wed, Jun 6, 2018 at 10:35 AM

Sir,
Refer your mail dated 05.06.2018 on the above cited subject. The relevant information of point 3.3. 2 pertaining to the department of Chemistry has already been sent on 28.05.2018. However, The detailed information is again forwarded to you, as desired.

On 29-10-2014 Prof. R.C. Budhani, Director NPL, New Delhi delivered an extension lecture about the placement opportunities for the post graduates students (200 participant) in chemistry in different national laboratories and industries. On the same day Prof. D.V.S. Jain, Professor Emeritus, Punjab University, Chandigarh also enlighten the students about the world wide opportunities for the chemistry post graduates in research, universities and industries

A workshop on "Entrepreneurship" was organised under the industry academia innovative practices on **09.09.2017**. Dr. T. Dayalmeshri, CEO Advanced Chemical Research Tulsa, USA delivered a lecture on the opportunities available for the chemistry post graduates in different industries. Dr. Mesri himself is world famous fluorine and its different products producer having two industries in the Tulsa (USA). Students interacted with him and asked about the possibilities for working in the industry sectors. Proceeding of the workshop also appeared in the print media. Two hundred students of M.Sc. Chemistry and Ph.D course participated in this workshop

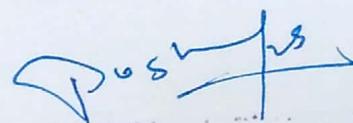
Hon'ble Vice-Chancellor, Prof.B.K.Punia inaugurated the workshop on 09-09-2017. Prof. O.P. Aggarwal, Former Head, Deptt. of Chemistry, M.D. University, Rohtak also delivered a lecture about the entrepreneurship.

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Centre for Medical Biotechnology
M.D. University, Rohtak

3.3.2 - (5)

Centre for Medical Biotechnology organized two days workshop on Real Time PCR on 15-16 April, 2015. This workshop was planned in collaboration with M/S Agilent Technologies, Manesar, Haryana and was focused on training M.Sc. students, research scholars and scientist. The main objective of organizing this workshop was to train the students in planning, designing and performing relative and absolute quantification using Real Time PCR technology. In the current scenario, Real-Time PCR has become a valuable tool for comparing the up-regulation or down-regulation of gene expression. The target gene expression is normalized with any house-keeping gene expression (GAPDH). It is also used for absolute quantification of viruses and thus useful in ascertaining the efficacy of treatment for pathogenic infections. Approximately 45 students from different departments registered for the workshop. Dr. N.S. Chauhan, Assistant Professor, Department of Biochemistry delivered talk on principle and working of Real-Time PCR. Scientists from M/S Agilent Technologies, Manesar gave theoretical background about relative and absolute quantification of nucleic acid. In the practical session, students were asked to set up the reaction for Real-Time PCR under supervision of experts. The analysis part was most intriguing for the participants and personnel from M/S Agilent Technologies taught the methods the result analysis very efficiently. In the last, trouble shooting of experiment was discussed. The workshop ended with a satisfactory feedback from the participants.



Director,
Centre for Medical Biotechnology
M.D. University, Rohtak

Report on
National Conference on Emerging Computing Technologies and ICT for Development
(NCECT & ICTD-2015)

National Conference on Emerging Computing Technologies and ICT for Development (NCECT & ICTD-2015) was organized by Department of Computer Science & Applications, Maharshi Dayanand University, Rohtak. The conference was inaugurated on February 28, 2015 at conference hall of Directorate of Distance Education (DDE), M D University, Rohtak. The main aim of the conference was to focus on research and emphasized the latest emerging trends in advanced technologies and security related issues. The theme of the conference was mobile technology and sub themes were wireless security, networking issues, information and communication technology, big data, soft computing, cloud computing and many other related technologies. Dr. Amod Kumar, Director CSIR, Chandigarh presented the key note address and motivated the conference participants and congratulated the conference team for conducting such intellectual and successful event. Er. H.S. Chahal, Vice-Chancellor Maharshi Dayanand University Rohtak gave the Presidential Address and expressed his happiness and satisfaction in bringing together researchers from academia, industry and the government through such conferences to ensure knowledge sharing for societal upliftment. Professor Rajender Singh Chhillar, Head of the Department acted as Conference Chairman and Convener, Professor Nasib Singh Gill as Conference Director and Dr. Preeti Gulia as Organizing Secretary. Different committees were framed for smooth functioning of the conference including Organizing Committee, Printing and Purchase Committee, Hospitality and Food Committee, Decoration Committee, Accounts and Registration Committee. There were 250 participants from all over the country and 88 participants presented their papers in their respective technical sessions. To verify and validate the research papers an editorial and paper review board was established by the Department. The board worked hard to maintain the quality and standard of the conference by considering only good quality papers. There were three technical sessions which were chaired and co-chaired by different eminent professionals: Prof. Rahul Rishi, Head, CSE UIET, MDU Rohtak, Prof Rajender Nath DCSA KU and Prof Ajit Singh, Chairman, DCSE, Khanpur. Thirty papers were presented in each technical session followed by purposeful discussion. During these sessions comparative study of different topics was presented. Some of authors discussed the recent developments in ICT. Topics related to big data, security management, image stegnography, ubiquitous computing, image encryption, genetic algorithm, neural network, data mining were the most prominent topics among the participants. The valedictory function was chaired by Dr. Markanday Ahuja,

Vice-Chancellor, B.M University, Rohtak. He motivated the participants to attend such types of conferences and come up with use full results which will be helpful for the society and common man. He also motivated the conference team to organize more events so the new generation can be benefited.

Centre for Medical Biotechnology
M. D. University, Rohtak

3.3.2 - (7)

Centre for Medical Biotechnology organized one day workshop on Real Time PCR on 18th September 2015. This workshop was sponsored by M/S Agilent Technologies, Manesar, Haryana. The main aim of organizing this event was to train the students in planning, designing and performing relative and absolute quantification using Real Time PCR technology. A total of 57 students from different departments participated in the workshop. Theoretical background of Real-Time PCR technology was given by scientist from M/S Agilent Technologies. First lecture was about the principle of absolute and relative quantification by Real Time PCR technology. Its applications were discussed in detail. In the present context, this is a powerful tool used in most of experiments involving estimation of gene expression. Relative quantification of gene expression is used in determining the efficacy of cancer treatment. Absolute quantification of viral genome (i.e. HIV, Hepatitis B, Hepatitis C) is used for determining the regimen of treatment in the patient. In addition new advances in Real Time PCR were also discussed. This experiment can be conducted with SYBR Green/ TaqMan probe/ Scorpion etc. Depending on the resource available and need of experiment, different strategies could be adapted. Participants were very enthusiastic when they were given first hand exposure of practical. Every participant was allowed to set up the reaction and run on the instrument. The interpretation of results by estimation of Ct values was brainstorming and was also most important part of the experiment. Trouble-shooting was discussed in depth. The workshop concluded with highly positive feedback from the students.



Director,
Centre for Medical Biotechnology
M.D. University, Rohtak

3.3.2 - (8)

MAHARSHI DAYANAND UNIVERSITY, ROHTAK

(A State University established under Haryana Act No. XXV of 1975)
'A' Grade University Accredited by NAAC



Organizing

NATIONAL LEVEL WINTER SCHOOL TRAINING PROGRAMME IN THE FIELD OF GEOSPATIAL TECHNOLOGIES

(8th December – 28th December 2015)



Sponsored by

NRDMS, (DST)
Government of India
New Delhi

Venue:

**Department of Geography
Maharshi Dayanand University, Rohtak
Haryana, India**

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CAPACITY BUILDING PROGRAMME ON GEOSPATIAL TECHNOLOGY
GEOGRAPHY DEPARTMENT M.D. UNIVERSITY, ROHTAK
(08 Dec .to 28 Dec. 2015)

Date 28/12/2015

Attendance Chart

Sr. No.	Name	Institution	Signature
1	Sutapa Roy	CASTEI, Kolkata	[Signature]
2	Dr. Sunil Chhikara	MDU, Rohtak	[Signature]
3	Dr. Jitender Kr. Sahni	G.C. Anni, Kullu (HP)	[Signature]
4	Mukullesh Kumar	NREC College, Khurga	[Signature]
5	Dr. Bijender Singh	Bat College Rohtak	[Signature]
6	Mr. V.S. Pooja-Pali	NCK	[Signature]
7	Dr. Chandra Mohan	DEPT. CB Geog. Govt. P.G. College, Narnaul	[Signature]
8	Subham Chandra	G.C. Anni	[Signature]
9	Dr. Sunil Kumar	Dept. of Geo. & M.D.U Rohtak	[Signature]
10	Dr. Maham Singh	Govt College Mahendergarh	[Signature]
11	[Signature]	FLT.M.S.B.P. (Fau), Rewari-123401 (HR)	[Signature]
12	Mr. Anil Kumar	RPS DC Bhatinda Mahendergarh	[Signature]
13	Mr. Anil Kumar	G.C. Patha	[Signature]
14	Pooja Kumar	Govt College Karnal (HR)	[Signature]
15	NAVEEN KUMAR	S.V.S. Govt. College Malakki Mayoni, India	[Signature]
16	[Signature]	[Signature]	[Signature]

CAPACITY BUILDING PROGRAMME ON GEOSPATIAL TECHNOLOGY
 GEOGRAPHY DEPARTMENT M.D. UNIVERSITY, ROHTAK
 (08 Dec .to 28 Dec. 2015)

Attendance Chart

Date 22.12/2015

17	Paawan Kumar	G.C.W. Lakhan Majra	P. Kumar
18	MR. NAVEEN	G.C.W. Sampla Rohtak	DK
19	Nikhil Singh	G.C.W. Safidain (MR)	R.
20	Dr. Jigmet Yangden	HIMMATI SKVASTHA L.S.	h
21	Manish	G.C. Ateli	Manish
22	Ms. Hemlata	JUNYAK college Ch. Rewari	Hemlata
23	Dr. Kiran Bala	K.L.P. College, Rewari	Kiran
24	Ekta Narwal	Dept. of Maths, M.D.U, Rohtak	Ekta Narwal
25	Meeravanshi	Dept. of Mathematics M.D.U.	Meeravanshi
26	Vinli Karmal	G.C.W. Rewari	Justi
27	Rajesh Parmar	M.D.U Rohtak	Rajesh Parmar
28	Vijay wanti	D.A.V. college RBP	Vijay
29			
30			

3.3.2 - (9)

Report on Workshop on Awareness and Care of Art Materials (Theory & Practical) on 4.9.2015

भित्ति-चित्र, तैल-चित्र तथा कलात्मक छाया चित्रों के रख रखाव कैसे हो ? इस बारे दृश्य कला विभाग में एक कार्यशाला का आयोजन किया गया। डॉ॰ अरविन्द शर्मा जो पेशे से कला संरक्षण का कार्य करते हैं तथा कला- विद्यार्थियों को इस बारे अपने ज्ञान का लाभ देते हैं। बलम्भा (रोहतक) की चोपाल के भित्ति चित्रों के संरक्षण हेतु जिला प्रशासन ने इन्हें कार्य सौंप रखा है। इनके इस ज्ञान का फायदा लेने के लिए विभाग ने इन्हें इस विषय पर प्रकाश डालने के लिए दिनांक 4-9-15 डा० अरविंद को बुलाया।

डा० अरविंद ने फ्रेस्को तथा टैम्परा विधि के पुराने खराब चित्रों को कैसे संरक्षित किया जाए इस अपने स्लाइड शो द्वारा विस्तार से बताया। चित्र कैसे लंबे समय तक सुरक्षित रहे इस पर वैज्ञानिक ढंग से प्रकाश डाला। तैल-चित्रों की आयु सबसे लंबी होती है लेकिन मौसमों के बदलते तेवर इन चित्रों को भी खराब कर देते हैं। इसलिए तैल-चित्रों के रख-रखाव में अलग तरह की वैज्ञानिक तकनीक जिन्हें विस्तार से बताया गया। विभाग के सभी विद्यार्थी, शोधार्थी तथा सभी अध्यापक इस कार्यशाला में मौजूद रहे। लगभग 100 की हाजिरी में संरक्षण संबंधी अनेक प्रश्न पूछे गए और इनका संतुष्टि पुरक जवाब हासिल किया गया।।

3.3.2- (10)

IMSAR/1036
28/5/18

Subject: 3.3.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

IMSAR IPR Activities Report

IMSAR has focused on protection of Intellectual Property Right through inclusion of this topic in curriculum of courses of MBA programs on BUSINESS ENVIRONMENT ANALYSIS (Course Code: 16IMB22C3), BUSINESS LAWS (Course Code: 16IMH21C4), ENTREPRENEURSHIP (Paper code: 16IMH22D2), BUSINESS ENVIRONMENT (Course Code: 16IMG21C7), ENTREPRENEURSHIP (Course Code: 17IMG23C3) and BUSINESS ENTREPRENEURSHIP DEVELOPMENT (Course Code: 17IMB23C2). Regarding Industry-Academia Innovative practices, the participation of renowned industrialists is a regular feature of seminars and workshops organized by IMSAR. Mr. **RAJESH JAIN**, the Managing Director of **LPS BOSSARD PVT LTD**, participated in the international conference on the theme "Startup India Recipe for Inclusive Entrepreneurship and Innovation: Issues and Challenges" approved and funded by Indian Council of Social Science Research, New Delhi, and Reserve Bank of India, Mumbai, organized on March 2-3, 2017. **About 1150 students from different teaching departments of Maharshi Dayanand University, Rohtak, nearby Universities, colleges and institutions participated in this two days programme.** IMSAR students regularly do compulsory industry internship in different companies. In case of entrepreneurship development, Dr. Amiya Chandra, ITS, Joint DGFT, Directorate General of Foreign Trade, Ministry of Commerce and Industry, Government of India, delivered keynote address in a national seminar on "Mentoring Aspiring Entrepreneurs for International Business" organized by IMSAR in collaboration of Indian Institute of Management Rohtak on 16th February, 2016. **In this programme, 450 aspiring entrepreneurs learned innovative practices of international business.** The check for plagiarism is a pre-condition for submission of Ph.D. theses in IMSAR.

As per
28/05/18

3.3.2 - (11)

MAHARSHI DAYANAND UNIVERSITY, ROHTAK

(A State University established under Haryana Act No. XXV of 1975)

'A' Grade University Accredited by NAAC



Organizing

NATIONAL LEVEL WINTER SCHOOL TRAINING PROGRAMME IN THE FIELD OF GEOSPATIAL TECHNOLOGIES

(24th November – 14th December 2016)



Sponsored by

**NRDMS, (DST)
Government of India
New Delhi**

Venue:

**Swaraj Sadan
Maharshi Dayanand University, Rohtak
Haryana, India**



NRDMS (DST) SPONSORED WINTER SCHOOL FOR
TRAINING IN GEOSPATIAL TECHNOLOGIES

24th November 2016 – 14th December 2016

DEPARTMENT OF GEOGRAPHY, MAHARSHI DAYANAND UNIVERSITY, ROHTAK, HARYANA



Detail Information of participants

Sr No.	Name	Designation/Expertise	Univ./College/Institute/Office
1	Dr. Kiran Kumari	Assist.Professor, Deptt. of Geography	Rajiv Gandhi University, Arunachal Pradesh
2	Ms.Modang Reena	Assistant Professor, Geography	W.R.Govt College, Deomali, Arunachal Pradesh
3	Dr. Abha Pulu	Assistant Professor, Geography	Govt College, Tezu, Arunachal Pradesh
4	Dr. Jagdish Chand	Assistant Professor, Geography	Govt College, Paonta Sahib, - Himachal Pradesh
5	Dr. Kiran Bala	Assistant Professor, Geography	K.L.P.College, Rewari, Haryana
6	Dr. Anju Bala	Assistant Professor, Geography	Govt. College for Women, Rohtak, Haryana
7	Dr. Bindu	Assistant Professor, Geography	Govt. College for Women, Lakhan Majra, Rohtak, Haryana
8	Ms. Seema	Assistant Professor, Geography	M.K.J.K .College, Rohtak, Haryana
9	Ms. Neetu Sheokand	Research Officer	ADC Office, Rohtak, Haryana
10	Ms.Jyoti	Assistant Professor, Geography	G.C.W.College, Rohtak, Haryana
11	Mr. Parveen	Assistant Professor, Geography	Govt.College for Women, Bawani Khera, Distt. Bhiwani, Haryana
12	Dr.Phool Kumar	Assistant Professor, Geography	G.C.Women College, Rohtak, Haryana
13	Ms.Ravita	Assistant Professor, Statistic	C.P.R.G.Aagri. College, Bhadra Rajasthan
14	Dr. Jitender	Assistant Professor, Geography	K.L.P.College, Rewari Haryana-123401
15	Dr.Rekha Sharma	Assistant Professor, Geography	K.L.P.College, Rewari Haryana-123401
16	Ms.Urmila Sharma	Assistant Professor, Geography	Ahir College, Rewari Haryana-123401
17	Dr. Patil Naresh	Assistant Professor, Geography	RNC. Arts and Science College, Nashik , Maharashtra
18	Dr.Borase Sudhakar.J	Assistant Professor , Geography	RNC. Arts and Science College, Nashik, Maharashtra

19	Dr. Nigale C.B.	Assistant Professor, Geography	Arts Commerce & Science College, Nandgaon, Distt., Nashik Maharashtra
20	Dr.Chender Mohan	Assistant Professor	Govt. P.G.College, Narnaul, Mahendragarh, Haryana
21	Dr.Anil Yadav	Assistant Professor	Govt. P.G.College, Narnaul, Mahendragarh, Haryana
22	Ms.Krishna Devi	Assistant Professor	Hindu.College, Sonipat, Haryana
23	Dr.Sanjay Kumar	Assistant Professor	Govt. College, Narnaund, Hisar, Haryana
24	Ms. Vinti Parmor	Assistant Professor	Govt.College for Women, Rewari, Haryana
25	Ms. Priyanka	Extension Lecturer	Govt. College Barwala, Hisar, Haryana
26	Dr.B. Kotaiah	Assistant Professor, Department of Computer Science and Information Tech	Maulana Azad National Urdu University (MANUU), Hyderabad
27	Dr.Pradeep Kumar	Assistant Prof. in Geography	Geography Govt. College Matak Majri, Indri, Karnal, Haryana

3.3.2 - (12)

IMSAR/1036
28/5/18

Subject: 3.3.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

IMSAR IPR Activities Report

IMSAR has focused on protection of Intellectual Property Right through inclusion of this topic in curriculum of courses of MBA programs on BUSINESS ENVIRONMENT ANALYSIS (Course Code: 16IMB22C3), BUSINESS LAWS (Course Code: 16IMH21C4), ENTREPRENEURSHIP (Paper code: 16IMH22D2), BUSINESS ENVIRONMENT (Course Code: 16IMG21C7), ENTREPRENEURSHIP (Course Code: 17IMG23C3) and BUSINESS ENTREPRENEURSHIP DEVELOPMENT (Course Code: 17IMB23C2). Regarding Industry-Academia Innovative practices, the participation of renowned industrialists is a regular feature of seminars and workshops organized by IMSAR. Mr. RAJESH JAIN, the Managing Director of LPS BOSSARD PVT LTD, participated in the international conference on the theme "Startup India Recipe for Inclusive Entrepreneurship and Innovation: Issues and Challenges" approved and funded by Indian Council of Social Science Research, New Delhi, and Reserve Bank of India, Mumbai, organized on March 2-3, 2017. About 1150 students from different teaching departments of Maharshi Dayanand University, Rohtak, nearby Universities, colleges and institutions participated in this two days programme. IMSAR students regularly do compulsory industry internship in different companies. In case of entrepreneurship development, Dr. Amiya Chandra, ITS, Joint DGFT, Directorate General of Foreign Trade, Ministry of Commerce and Industry, Government of India, delivered keynote address in a national seminar on "Mentoring Aspiring Entrepreneurs for International Business" organized by IMSAR in collaboration of Indian Institute of Management Rohtak on 16th February, 2016. In this programme, 450 aspiring entrepreneurs learned innovative practices of international business. The check for plagiarism is a pre-condition for submission of Ph.D. theses in IMSAR.

Abha
28/05/18

Director,
Inst. of Mgt. Studies & Research
M.D. University, ROHTAK

Report on
National Conference on Emerging Trends in Cloud Computing and Big Data Analytics
(ETCCBDA-17)

National Conference on Emerging Trends in Cloud Computing and Big Data Analytics (ETCCBDA-17) was organized by Department of Computer Science & Applications Maharshi Dayanand University, Rohtak. The conference was inaugurated on March 6, 2017 at Seminar Hall of Swaraj Sadan, M D University, Rohtak. It was the matter of great pleasure for the Department of Computer Science & Applications that the event was technically sponsored by the Computer Society of India (CSI). CSI is the first and the largest body of computer professionals in India which is a non-profit professional meet to exchange views and information learn and share ideas. The main aim of the conference was to focus on the leading topics of Cloud Computing. It was also focused on the opportunities, challenges faced and tools used for BIG DATA Analytics. It was the excellent platform to interact with experts and researchers in the field of advanced cloud computing and Big Data technologies. The theme of the conference was latest computing technologies and sub themes were cloud computing, Internet of Things (IoT), Information Security, Data Mining, Data Warehousing, Machine Learning, Intelligent System, Cloud Security, e-Governance and other recent topics relevant to the theme of the conference. Special guests for the inaugural session were Sh. Vivek Varshney, Managing Director & CEO. VTS- Global and Prof M. N. Hoda, Director, BVICAM, New Delhi. They updated the participants with the latest requirements in the industry and the details about the Big Data Analysis. Prof. B.K.Punia, Vice Chancellor, M D University Rohtak addressed the house as Chief Guest. He communicated the importance of technology in the modern education system and promised to provide all congenial support for such events. Professor Nasib Singh Gill, Head of the Department acted as Conference Chairman, Professor Rajender Singh Chhillar as Conference Director and Dr Preeti Gulia acted as Organising Secretary. Different committees were framed for smooth functioning of the conference including Organizing Committee, Printing and Purchase Committee, Hospitality and Food Committee, Decoration Committee, Accounts and Registration Committee. The valedictory function was chaired by Dr Pradeep Tomar and Dr. O. P. Sangwan graced the valedictory function with their words of wisdom. There were 200 participants from all over the country and more than 50 papers were presented in different technical sessions To verify and validate the research papers an editorial and paper review board was established by the Department. The board worked hard and maintained the benchmark for the quality publications. There were four technical sessions conducted in the

conference, chaired and co-chaired by different eminent professionals: Dr. Pradeep Tomar, Associate Professor, GB University, G. Noida and Dr. O. P. Sangwan, Associate Professor, GJU S&T Hisar. Different papers were presented in each technical session followed by purposeful discussion focused on challenges with Big data, Cloud Computing, Information Security to E-Commerce, Digital India, E-Governance in India: Status and challenges, Cloud Computing Services: Issues and Challenges, Data Mining in Intrusion Detection System and a study on spam detection methods for safe SMS communication.

3.3.2. - (14)

**Department of Pharmaceutical Sciences,
Maharshi Dayanand University,
Rohtak
One Day National Conference**

The department has Organised UGC sponsored One Day National Conference on Theme "IPR and Regulatory Issues in Pharmaceutical Sciences" on March 30, 2017 in IHTM Conference Hall, Maharshi Dayanand University, Rohtak. Oragnsing Secretary Dr. Vikas Budhwar spoke about the theme of the workshop and Prof. Munish Garg, HOD, presented an overview of the department and presented achievements of the department during last three years. Prof. B. Narasimhan, Dean of Faculty welcomed the gathering. Prof. N. R. Garg, Dean Academic Affairs and Chief Guest spoke about the relevance and importance of the Regulatory aspects in the country.

In this workshop Mr. Rahul Taneja delivered the key note address and spoke in detail about the regulatory issues. Mr. Ashish Sharma had detailed presentation over the process of protection of IPR in India and comparison with other countries. Mr. Birender Sangwan presented some real time stories of IPR issues. About 250 delegates comprising of PG scholars, PhD scholars and Faculty of Sciences departments attended the program. The program was a big success.

3.3.2 - (15)

Maharishi Dayanand University, Rohtak Mail - Urgent related to 3.3.2 reports.

6/6/2018



NAAC CR 3 <naac.cr3@mdurohtak.ac.in>

Urgent related to 3.3.2 reports.

1 message

Wed, Jun 6, 2018 at 10:35 AM

HOD, Chemistry MD University, Rohtak <hod.chem@mdurohtak.ac.in>
To: NAAC CR 3 <naac.cr3@mdurohtak.ac.in>

Sir,

Refer your mail dated 05.06.2018 on the above cited subject. The relevant information of point 3.3. 2 pertaining to the department of Chemistry has already been sent on 28.05.2018. However, The detailed information is again forwarded to you, as desired.

On 29-10-2014 Prof. R.C. Budhani, Director NPL, New Delhi delivered an extension lecture about the placement opportunities for the post graduates students (200 participant) in chemistry in different national laboratories and industries. On the same day Prof. D.V.S. Jain, Professor Emeritus, Punjab University, Chandigarh also enlighten the students about the world wide opportunities for the chemistry post graduates in research, universities and industries

A workshop on "Entrepreneurship" was organised under the industry academia innovative practices on 09.09.2017. Dr. T. Dayalmeshri, CEO Advanced Chemical Research Tulsa, USA delivered a lecture on the opportunities available for the chemistry post graduates in different industries. Dr. Mesri himself is world famous fluorine and its different products producer having two industries in the Tulsa (USA). Students interacted with him and asked about the possibilities for working in the industry sectors. Proceeding of the workshop also appeared in the print media. Two hundred students of M.Sc. Chemistry and Ph.D course participated in this workshop

Hon'ble Vice-Chancellor, Prof.B.K.Punia inaugurated the workshop on 09-09-2017. Prof. O.P. Aggarwal, Former Head, Deptt. of Chemistry, M.D. University, Rohtak also delivered a lecture about the entrepreneurship.

Dr. S.P. Khatkar
Professor & Head
Department of Chemistry
M.D.University, Rohtak-124001
Mob.: +919729071881

Annexure-III (1A)

Report of Workshop on E-Library Skills

The Department of Law organized a one day students' workshop on E-Library Skills on September 18, 2017 which was financed by Dean Students' Welfare office out of Dr. Radha Krishnan Foundation Fund. The main objective of the workshop was to enable the students to get knowledge of accessing of various E-Resources and online services in the Library for their studies, research work and to develop adequate skills for catering their growing information needs. Approximately 100 bonafide students of Department of Law, MDU Rohtak, C.R. Institute of Law, Rohtak and Vaish College of Law, Rohtak participated in this workshop. Broadly, the workshop covered four main themes viz. Manupatra, E-resources, Copyright and Plagiarism.

The inaugural session of the workshop was held on 09.30 to 10.05 a.m. after the lighting of lamp. Prof. A.S. Dalal, Head & Dean, Department of Law delivered a welcome address. Dr. Anju Khanna reflected on the theme of the workshop and Prof. Asha Sharma who presided over this session delivered the presidential address. The session ended with vote of thanks followed by the National Anthem.

After a short tea break, three technical sessions were held. The first technical session covered the theme 'Manupatra'. In this session, the resource person was Dr. J.B. Singh who came all the way from Delhi to enlighten the students about the said theme. The second technical session covered the theme 'Copyright and Plagiarism', in which the resource person was Dr. Nirmal Kumar Swain, Associate Prof., Department of Library Science, MDU Rohtak. The Resource person in third technical session was Dr. Satish Malik, Chief Librarian, Vivekananda Library, MDU Rohtak who covered the theme 'E-resources'. The workshop ended with valedictory session in which Prof. A.S. Dalal gave his concluding remarks.

3.3.2 - (17)

**Report on
National Conference on Future Innovations in Computing Technologies & Machine
Learning
(FICTML-17)**

(Technically sponsored by Computer Society of India (CSI))

National Conference on Future Innovations in Computing Technologies & Machine Learning (FICTML-17) was organized by Department of Computer Science & Applications Maharshi Dayanand University, Rohtak. The conference was inaugurated on November 21, 2017 at DDE Conference Hall, M D University, Rohtak. It was the matter of great pleasure for the Department of Computer Science & Applications that the event was technically sponsored by the Computer Society of India (CSI). CSI is the first and the largest body of computer professionals in India. It has 72 chapters across India, 511 student branches and 100,000 members all over. CSI also conducts periodic Conferences and Seminars. The conference focused on the emergence and importance of innovations in research community. This conference provides the common intellectual platform to different researchers to share their vision among the research community. The theme of the conference was on the future innovations in the latest Computing technologies. latest computing technologies and sub themes were cloud computing, Internet of Things (IoT), Information Security, Smart city, E-Governance, Data Mining, Data Warehousing, Software Engineering, Testing, Reliability Machine Learning, Intelligent System, and other recent topics relevant to the theme of the conference. Keynote Speaker for the inaugural session was Sh. Vivek Varshney, Managing Director & CEO, VTS- Global and Prof Yogesh Singh, Vice-Chancellor, Delhi Technological University; Delhi was the Chief Guest for the inaugural session. He addressed the researcher's community and shared his intellect among all. They updated the participants with the latest requirements in the industry and the details about the Big Data Analysis. Prof. B. K. Punia, Vice Chancellor, M D University Rohtak presented the presidential address. He communicated the importance of technology in the modern education system and promised to provide all congenial support for such events.

Professor Nasib Singh Gill, Head of the Department acted as Conference Chairman, Professor Rajender Singh Chhillar as Conference Director and Dr Preeti Gulia acted as Organising Secretary. Different committees were framed for smooth functioning of the conference including Organizing Committee, Printing and Purchase Committee, Hospitality and Food Committee, Decoration Committee, Accounts and Registration Committee. There were 200 participants from all over the country and more than 100 papers were presented in different

technical sessions. To verify and validate the research papers an editorial and paper review board was established by the Department. The board worked hard and maintained the benchmark for the quality publications. There were four technical sessions conducted in the conference, chaired and co-chaired by different eminent professionals: Prof. Ajit Singh, Chairman, Department of Computer Science & Engineering, B.P.S. Mahila Vishwavidyalya, Khanpur Kalan, Sonapat, Prof. Pardeep K. Bhatia, Department of Computer Science & Engineering, Guru Jambheshwar University of Science & Technology, Hisar, Dr. Parvinder Singh, Chairman, Department of Computer Science & Engineering, D.B.C.R. University of Science & Technology, Murthal, Sonapat, Dr. Namita Gupta, Head, Department of Computer Science & Engineering, MAIT, GGSIP University, New Delhi, Dr. Sunil Sikka, Associate Professor, Dept. of Computer Sc. & Engg., Amity University, Dr. Pradeep Kumar, Asstt. Professor, School of Information & Communication Technology, Gautam Buddha University, Greater Noida, U.P., Dr. Sumeet Gill, Asstt. Professor, Department of Mathematics, M. D. University, Rohtak New Delhi. Different papers were presented in each technical session followed by purposeful discussion focused on challenges with Machine learning, IoET, Big Data, Cloud Computing, and Information Security to E-Commerce, Smart City, Predictive Analytics and Big Data Analytics. The valedictory function was chaired by Prof. M. N. Hoda, Director BVICAM New Delhi graced the function with his words of wisdom. He motivated the participants to focus on quality research work which will be helpful for the society and common man. He also motivated the conference team to organize more events so the new research community can be benefited.

3.3.2 – (18)

Report on Art Exhibition on 23.12.2017

दृश्य कला विभाग ने दिनांक 23-12-2017 को एक अंतर्राष्ट्रीय चित्र कला प्रदर्शनी तथा कार्यशाला का आयोजन किया गया। इस अवसर पर विशेष रूप से कुमारी सवेतलाना को प्रदर्शनी के लिए आमंत्रित किया गया। अपने लगभग 60 जल-रंग चित्रों को इन्होंने विभाग में प्रदर्शित किया। इस प्रदर्शनी का उद्घाटन डीन अकेडमिक प्रो० N.K. Garg ने अपने कर कमलों से किया। पाँच दिवसीय इस चित्र कला प्रदर्शनी के द्वारा कुमारी सवेतलाना ने जल-रंगों की विशेष तकनीक विश्वविद्यालय के विद्यार्थियों को विस्तार से प्रयोग करके बताया। सवेतलाना मूल रूप से कजाकिस्तान की रहने वाली हैं। इन दिनों में भारत भ्रमण पर हैं और कुरुक्षेत्र विश्वविद्यालय में अपने चित्रों की प्रदर्शनी कर चुकी हैं। इन द्वारा तैयार जल-रंग चित्र उच्च कोटि के हैं अनेक दर्शक इनके चित्रों को देखकर प्रेरित हुए हैं। इस प्रदर्शनी का समापन डीन छात्र कल्याण , प्रो० राजकुमार ने अपने सहानीय शब्दों में किया।

3.3.2 - (19)

**Department of Pharmaceutical Sciences,
Maharshi Dayanand University,
Rohtak**

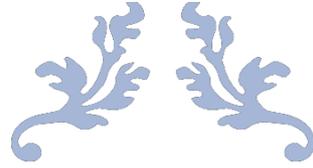
One Day National Conference

The department has Organised UGC sponsored One Day National Conference cum awareness program on Theme "Protection of Intellectual Rights - Need of the Hour" on May 10, 2018 in IHTM Conference Hall, Maharshi Dayanand University, Rohtak. Organising Secretary Dr. Anju Dhiman spoke about the theme of the workshop and Prof. Munish Garg, HOD and Dean of Faculty, presented an overview of the department and presented achievements of the department during last three years. Prof. Ajay Rajan, Dean Academic Affairs and Chief Guest spoke about the relevance and importance of the IPR in the country.

In this Conference, Dr. Lisa P Lukose, Associate Professor, University School of Law and Legal Studies, GGSIP University, New Delhi delivered the key note address and spoke in detail about meaning of Patents and need of patents in the country. Dr. Ravinder Chingale, Advocate, Supreme Court of India, New Delhi, Registered Patent Agent & Invited Researcher, IPR, USA delivered the lecture on Process and procedure of patent in India and its difference with other countries. Dr. Parmod Malik, Co-ordinator Centre for IPR Studies, Department of Law, BPSMV, Kahnpur Kalan, Sonapat spoke about various modes and means of Intellectual Property Rights. Dr. Rajiv Kapoor, Department of Microbiology, M. D. University, Rohtak discussed the University IPR policy in detail.

Dr. Rakesh Kumar Marwaha delivered Vote of Thanks. About 250 delegates comprising of PG scholars, PhD scholars and Faculty of various departments and neighboring institutes attended the program.

The program was a big success.



**ONE DAY NATIONAL SEMINAR ON “IMPLICATION AND IMPLEMENTATION
OF INTELLECTUAL PROPERTY RIGHTS (IPR) IN INDIA”**

Organized By



Department of Education, M.D.U. Rohtak

In Collaboration With

IPR Cell, M.D.U. Rohtak.

JUNE 24, 2018

SEMINAR REPORT

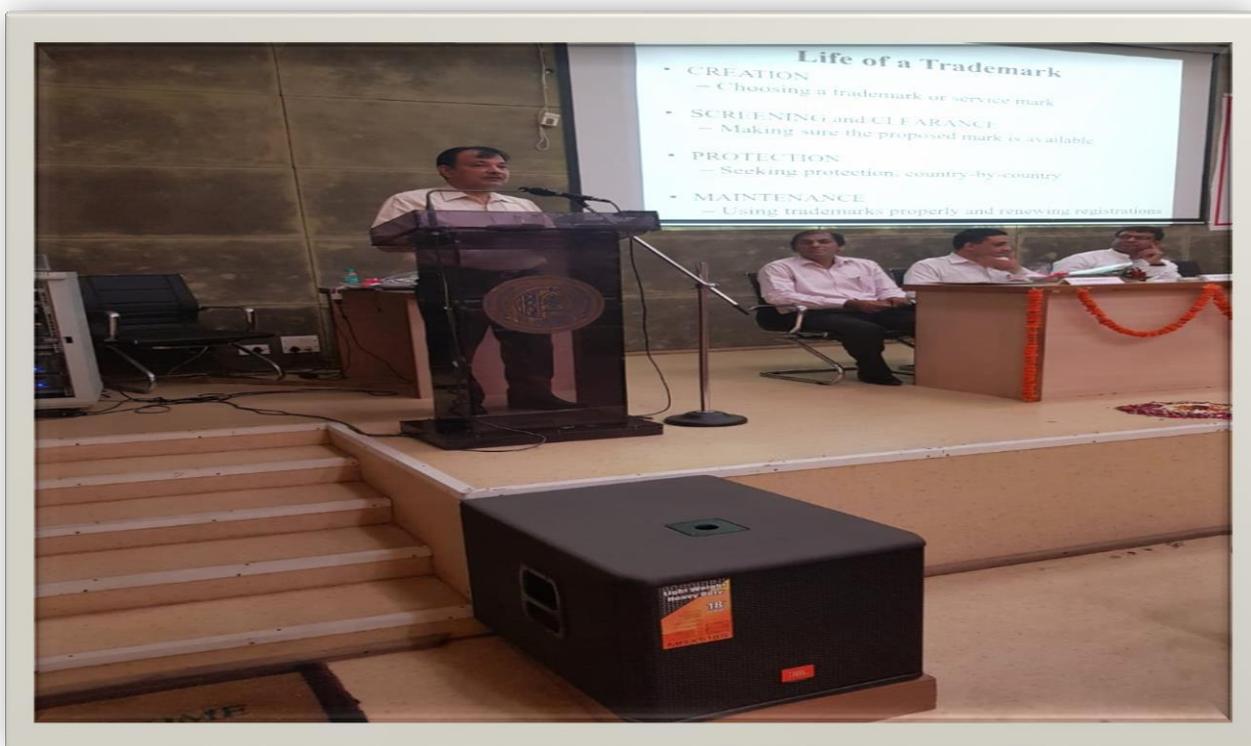
M.D.U. Rohtak

ONE DAY NATIONAL SEMINAR

ON

“IMPLICATION AND IMPLEMENTATION OF INTELLECTUAL PROPERTY RIGHTS (IPR) IN INDIA”

A one-day National seminar on “Implication and Implementation of Intellectual Property Rights In India” was organised by Department of Education in Collaboration with IPR Cell on 24/06/2018 in conference hall of Sawraj Sadan. In the inaugural session, Prof. B.K. Punia (Vice Chancellor, M.D. U. Rohtak) graced the seminar with his esteemed presence as chief guest and inaugurated the Seminar. He addressed the participants and emphasized the need of the seminar in his inaugural address. He gave detailed information about role of IPR in present scenario and also highlighted the efforts of Govt. of India to promote IPR.. Prof. A.K. Rajan, Dean Academic Affairs was invited as guest of honour. He emphasized the need of IPR in present scenario. He encouraged the delegates for the commercialization of patented innovations for the benefit of the society



Prof. B.K. Punia (Vice Chancellor, M.D.U. Rohtak) Delivering his Speech.

Various experts were drawn from reputed institutes namely Prof. Harish Dureja (Dept. of Pharmaceuticals, M.D.U Rohtak), Dr. Rahual Taneja (Scientist, Department of Science and Technology, Haryana), Dr. Rajiv Kapoor (department of Microbiology, M.D.U, Rohtak) and

Dr. Parmod Malik (Coordinator, Centre for IPRs Studies, department of Law, BPS, Women University, Khanpur). They interacted with the participants and apprised about the different components of IPR and highlighted the importance of IPR, its growth in India and imparted thorough understanding of patents, trademark, copyrights, trade secret and piracy. They also advised the delegates to make use of IPR in their innovations, R&D work and spread the concept of IPR among the masses in rural India as well.



Lighting of the Lamp by Distinguished Guests



Prof. Bhagat Singh ,Dean, Faculty of Education welcoming The Chief Guest (Prof. B.K. Punia) of the Seminar

Prof. Jitender Kumar (Head, Department of Education, M.D.U, Rohtak) welcomed all the dignitaries and guests in the seminar. Prof. Hemant Lata Sharma, Prof Madhu Gupta, Dr. Neeru Rathee, Dr. Madhuri Hooda, Dr. Sarita Dhaiya and Ms. Menka of Department of Education were present at the occasion along with the delegates. Prof. Hemant Lata Sharma delivered a very informative speech about IPR. Around 150 delegates attended the seminar from various colleges and universities. After lunch, technical session was organised in which delegates presented their views about IPR and its importance in present education. Certificates were distributed to the participants who presented their papers on the theme by resource persons. Participants also shared their views on how they were benefitted from the seminar.