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**INSTITUTE OF MANAGEMENT STUDIES**  
(Approved by AICTE, Ministry of HRD, Govt of India)  
GRADE 'A' INSTITUTE BY UGC-NAAC

**Report of Faculty Development Programme**  
**on**  
**“Teaching, Advance Research Methodology & Modelling Techniques”**

**Organized By IMS –Noida**  
**School Of Management**

**Date -5 th ,6 th July 2018**  
**Venue : Ims Noida Seminar Hall**

**Report of Faculty Development Programme**

A two days Faculty development programme (FDP-2018) on “**Teaching, Advance Research Methodology & Modelling Techniques**” was successfully conducted in the IMS Noida campus , on 5<sup>th</sup> – 6<sup>th</sup> July 2018 by School of Management . The FDP programme received an overwhelming response with 50 participants .

**Date wise brief Report for each of the two days FDP programme is given below :**

**Date: 5 th July 2018 (First Day)**

**Inaugural Session**

The programme was inaugurated in the morning at the IMS Noida seminar hall on 5 th July 2018 by hands of Dr.J.P Sharma- Director (Academics and Research ) Dr.Y . P Gupta (Resource Person ) Dr .K.S Bhati (Dean –SOL, IMS Noida ), Dr . Ajay Kumar Gupta (Prof. & Dean –SOIT IMS Noida ), Ms. Harkiranjit Kaur (Convener FDP) Ms Priti Rajvanshi (Co Convener FDP Program)



In the inaugural speech, Dr.J.P Sharma welcomed the Honourable Speakers. He added that this programme will provide special benefits to the faculty members.

Dr. Sharma also emphasis on the importance of quality in education field . He further shared and highlighted the importance and objectives of organizing faculty development programmes.



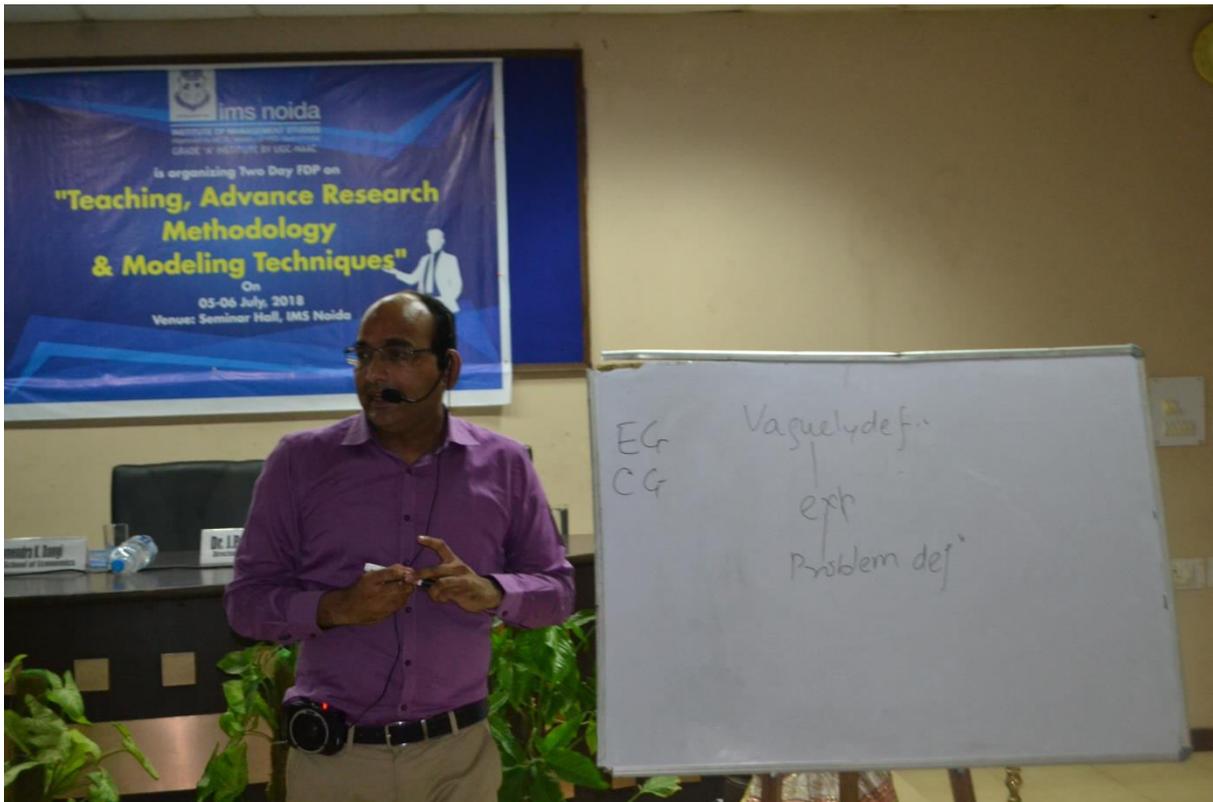
In the morning session, Resource Person Dr Y. P Gupta started his discussion with very basic idea of concept of research ,&Scientific Research .Having a rich experience in research, Dr. Y P Gupta served Govt. of India for more than three decades and he was associated with Delhi School of Economics as a guest Faculty for more than 25 years .

He talked about use of scientific research in for improving the health of people .He shared various examples on different approaches used in research .



In the post lunch session, resource person Dr Hamendra Kumar Dangi working as a Professor in Delhi School of Economics had a very interactive session with participants. He

started his discussion on different types of research . He shared few very important aspect on “ Factor Analysis”and highlighted the practical application of factor analysis . Dr.Dangi has given practical knowledge of SPSS to the participants .



**Date: 6<sup>h</sup> July 2018 (Second Day)**

On the second day, Dr. Y P . Gupta started his discussion on “Deductive Research ” .He explained the role and the importance of making a good hypotheses in research , He also talked about the importance and characteristics of a good questionnaire ,importance of data in research . Every faculty members gave good response to this interactive session.



In the post lunch session Dr Dangi talked about use of correlation and regression in research field. Each faculty member gave good response to the practical learning taught by Dr . Dangi .



The FDP was ended with a feedback session and distribution of certificates. In the feedback participants have expressed their interest and willingness in arranging more programmes of this kind .





**Prepared By:**  
**Pooja Sehgal**  
**(Assistant Professor)**

**Submitted to:**  
**Dr. J P Sharma**  
**(Director-A & R)**



**Event** : **FDP and MDP Program**  
**Dates** : **10<sup>th</sup> January, 2020**  
**Program** : **Data Analytics Using Excel**  
**Participants** : **External Participants, SOIT Faculty, Faculty of other Departments**

SOIT organized a one day Faculty and Management Development Program on 10<sup>th</sup> January, 2020 on **Data Analytics Using Excel**. The FDP was conducted by Mr. Rahul Agarwal, Microsoft Certified Trainer.

The event was started with the Lamp Lightening and welcome address by Dean Academics, Dr. Manju Gupta with brief introduction of Mr. Rahul. Mr. Rahul took the very interactive session with the complete practical exposure on advance Excel and how big data may be analyzed without using any special tool in Excel. He explained very beautifully that forecasting techniques and revenue generation, comparative analysis of existing data with the help of advance features of Excel. The external participants were from Academics and Industry like NIET, Greater Noida, JIIT, Noida, Inmantec Ghaziabad, IMS UG Campus, Hindustan Soft Education Ltd., Shri Sharda Training Institute etc. There were internal participants also from SOIT and other departments of IMS, Noida.

The participants were very enthusiastic and participative. Mr. Rahul handled the all queries of participants and gave the practical examples to brief them. He further discussed the various tools like Tableau (visualization tool) , Power BI(Business Intelligence) which is a business analytics service by Microsoft. He briefed about Power BI as the interactive visualizations and business intelligence capabilities with an interface for end users to create their own reports and dashboards in real time.

Dean Academics Dr. Manu Gupta concluded the session with vote of Thanks. She express her heartfelt thanks to Mr. Rahul for sharing valuable insights of Analytics using Excel, external participants of various organization, organizing committee members and internal participants.

**Submitted By:**

Dr. Ajay Gupta

Professor &amp; Dean SOIT

**Submitted To:**

Dr. Manju Gupta

Dean Academics, IMS, Noida



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**Date:** July 14, 2017

**Venue:** Seminar Hall

**Time:** 10:30am to 2:30pm

**Name of the Event:** "Faculty Development Program: Internet Of Things"

**Number of participants in the event:** 70

*"The Internet of Things(IoT) is not a concept; it is a network, the true technology-enabled Network of all networks."*

**School of IT, IMS Noida under Centre of Excellence and Digital Marketing** organized a Faculty Development Programme on 14<sup>th</sup> July 2017. The topic of the Faculty Development Programme(FDP) was "**Internet of Things(IoT)**".

The primary objective of the FDP was equipping professionals with skills and knowledge that are essential for inculcating values in students and guiding and monitoring their progress towards IoT career.

The Inaugural Session of the FDP began at 10:30 AM. Initially we had the auspicious Lamp Lighting Ceremony as a tribute to mother Saraswati , the Goddess of knowledge.

The Session comprised of the following members-

**Dr. J.K. Mittal , Principal, IMS Noida**

**Dr. Damayanti Datta , Associate Dean-IT, IMS Noida**

**Dr. T.N. Prasad , Dean-Law , IMS Noida**

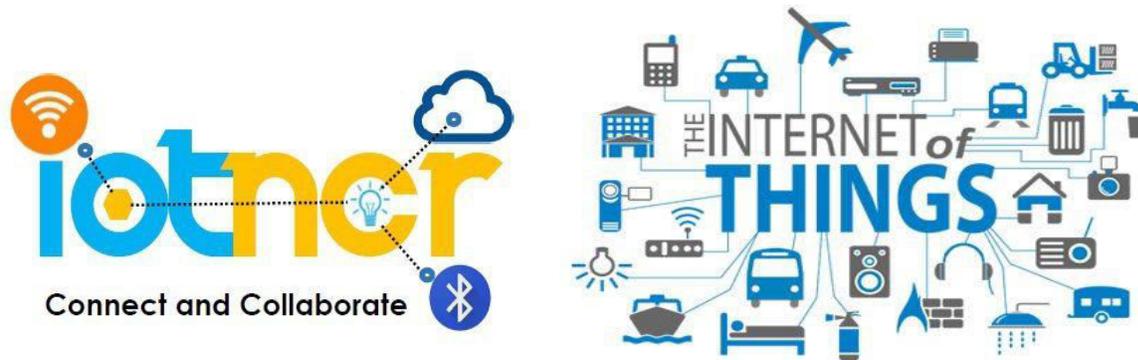
and all faculty members of **IT , Management , Law and Journalism** Department.

The following dignitaries were seated on the dais-

1	<b>Dr. Damayanti Datta</b>	Associate Dean-IT
2	<b>Mr. Vinay Solanki</b>	Business & Strategy Lead - IoT
3	<b>Mr. Jasmeet Singh Sarna</b>	Telecom Engineer & Team Lead

**Principal , IMS Noida** and **Associate Dean, School of IT** presented Good Luck Plants to the guests.

**Dr. Damayanti Datta, Associate Dean-IT , IMS NOIDA** addressed the gathering by emphasizing upon the concept of IoT that make machines smart enough thus minimizing human labor . She further gave an insight into the concept of inter-connected devices which are designed in such a way that they capture and utilize every data which is being shared or used in everyday life.



Our Resource Person for the day, **Mr. Vinay Solanki , Business and Strategy Lead for IoT, Alumni of IIM-Ahmedabad** illustrated on the Internet of Things (IoT) which evolved from the convergence of wireless technologies, micro electromechanical systems (MEMS) and the Internet. He explained IoT by connecting ‘things’ in the real world examples such as cars, buildings and industrial equipment.

He focused on the IoT market that is likely to experience around 28% year-on-year growth, rising to 5.4 billion connections across the globe by 2020, counting cellular, fixed line, satellite and short range wireless connections, up from 1.2 billion devices in the year 2014.

**Mr. Jasmeet Singh Sarna, Telecom Engineer and Team Lead, Ericsson** emphasized upon Building Blocks of IoT System–sensors, processors, gateways, applications. Each having their own characteristics in order to form a useful IoT system. He also covered Network Infrastructure, Protocol Support, OSS/BSS stack, and real life case studies.

**Mr. Ankit , IoT Expert** enlightened the participants with **RFID(Radio Frequency Identification) technology** that can be used in any institute , university or company. Main objective of RFID is to mark the attendance of students or employees. He implemented automated RFID based attendance system which reads RFID cards.

In this system each user, student or employee will have a RFID card. And RFID reader will be placed on the door or the entry gate of the company or on the door of the classroom. Whenever employee wants to enter in the office; he/she has to show the RFID card to the reader. Then the RFID reader will note down the RFID card number and the time at which the employees / student has logged in. And in the same manner while leaving employee/student has to show the card. So the exit time will be noted.

**Dr. J.K. Mittal, Principal-IMS Noida** and **Dr. Damayanti Datta, Associate Dean, School of IT, IMS Noida**; felicitated the resource person, **Mr. Vinay Solanki** and **Mr. Jasmeet Singh Sarna** with the token of Appreciation.

**Dr. Damayanti Datta, Associate Dean, School of IT, IMS Noida** proposed a hearty vote of thanks to everyone present there. She mentioned a deep sense of appreciation to all the experts and congratulated them for giving take home learnings.

At the end of the session, the participants were awarded with the certificates.



Thus, on the whole, the FDP on “**Internet of Things(IoT)**” was an effective platform for all the concerned to introspect about the numerous challenges in the field of Information Technology.

**Submitted by:**  
**Ms. Nancy Mendiratta**  
**Asst. Professor-IT**

**Submitted to:**  
**Dr. Damayanti Datta**  
**Assoc. Dean- IT**

APPROVED BY: PRESIDENT	ISSUE NO. 1
ISSUED BY: M.R	DATE:



QUALITY FORMS & RECORDS	QFR:ACA:45
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**Date & Day:** March 4, 2017, Saturday

**Venue:** Computer Lab-1

**Time:** 9am to 5pm

**Name of the Event:** FDP on “Effective and Efficient Professional writing using LaTeX”

**Number of participants in the event:** 35

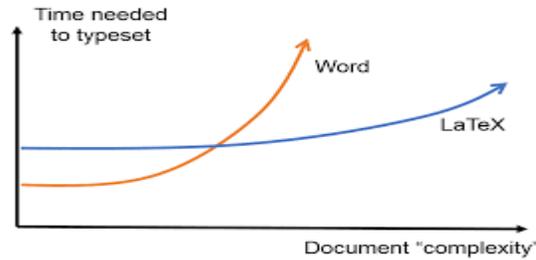
**Guest:** Mr. Gaurav Kumar (Magma Research & Consultancy Pvt. Ltd.)

School of IT, IMS Noida, under Centre of Excellence organized a one day Faculty Development Program (FDP) on “Effective and Efficient Professional Writing using LaTeX” on 4<sup>th</sup> March 2017.

The event was organized by *IT department team*. 35 Faculty members from IMS Noida and other institutes participated in this FDP program. The main objective of the program was to make faculty members aware about the software that is used for preparing research document, reports, letters and presentation. This was a one day Faculty Development Program (FDP) where various related subtopics were discussed in detail by the resource person “Mr. Gaurav Kumar” and a very beneficial academic environment was experienced by the participants.

The FDP was started on 4th March, 2017 with the Lamp Lightening ceremony followed by Saraswati Vandana. The dignitaries were welcomed by Ms. Neetu Singh (PC-MCA) and presented Good Luck plant to the resource person. The program started with an introduction to the LaTeX by *Mr. Gaurav Kumar, Managing Director, Magma Research & Consultancy Pvt. Ltd., Ambala Haryana, India*. *Mr. Gaurav* first introduced the agenda of the program. He then detailed the *LaTeX* software installation and its compilation. All the participants learnt about the *MiTeX* and *TexStudio* Packages and its addition. *LaTeX* is a high - quality typesetting system. It includes features designed for the production of technical and scientific documentation. *LaTeX* is the de-facto standard for the communication and publication of scientific documents.

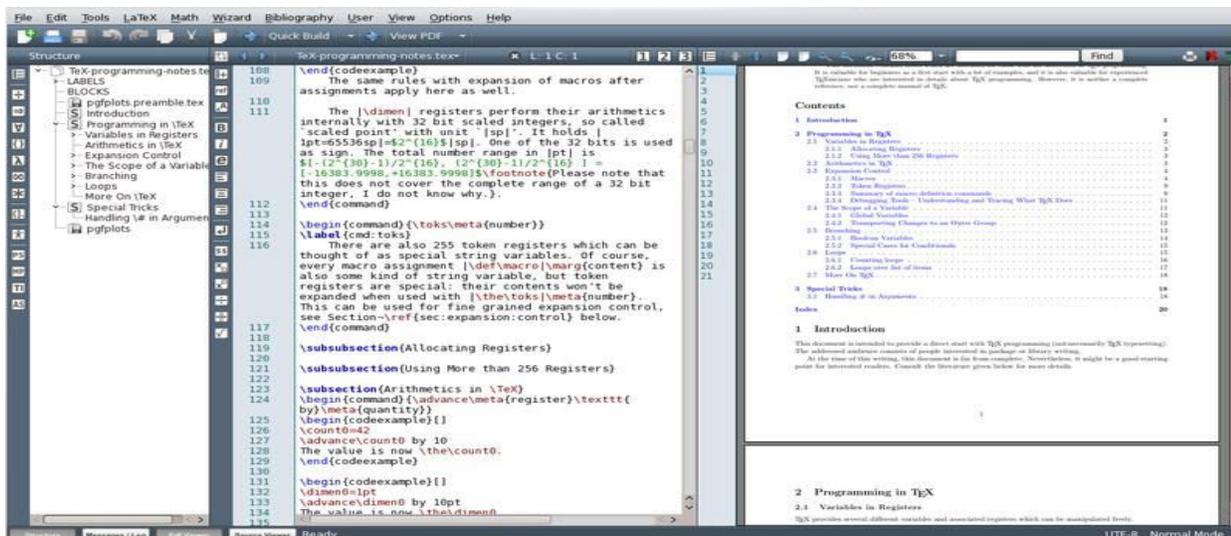
He focused on Letter Writing, Report Writing, Mathematical Typesetting, and Bibliography etc. All the participants created their own documents with the help of live demonstration of all topics as explained by the resource person with the help of suitable examples. Mr. Gaurav also explained that how typesetting of any research document becomes easier in LaTeX within few seconds.



## About LaTeX

TeX is a document preparation system. While writing, the writer uses plain text as opposed to formatted text as users of word processors like Microsoft Word. The writer uses markup tagging conventions to design the general structure of a document (such as article, book, and letter), to stylize text throughout a document (such as bold and italic), and to add citations and cross-references. A TeX distribution such as TeX Live or MikTeX is used to produce an output (such as PDF or DVI) suitable for printing or digital distribution. Within the typesetting system, its name is stylized as LATEX. LaTeX is used for the communication and publication of scientific documents in many fields, including mathematics, physics, computer science, statistics, economics, political science etc. It also has a prominent role in the preparation and publication of books and articles that contain complex multilingual materials, such as Sanskrit and Arabic. LaTeX uses the TeX typesetting program for formatting its output, and is itself written in the TeX macro language. LaTeX is widely used in academia. LaTeX can be used as a standalone document preparation system, or as an intermediate format. In the latter role, for example, it is sometimes used as part of a pipeline for translating DocBook and other XML-based formats to PDF. The typesetting system offers programmable desktop publishing features and extensive facilities for automating most aspects of typesetting and desktop publishing, including numbering and cross-referencing of tables and figures, chapter and section headings, the inclusion of graphics, page layout, indexing and bibliographies. Like TeX, LaTeX started as a writing tool for mathematicians and computer scientists, but from early in its development it has also been taken up by scholars who needed to write documents that include complex math expressions or non-Latin scripts, such as Arabic, Sanskrit and Chinese. LaTeX is intended to provide a high-level language that accesses the power of TeX in an easier way for writers. In short, TeX handles the layout side, while LaTeX handles the content side for document processing. LaTeX comprises a collection of TeX macros and a program to process LaTeX documents. Because the plain TeX formatting commands are elementary, it provides authors with ready-made commands for formatting and layout requirements such as chapter headings, footnotes, cross-references and bibliographies. LaTeX was originally written in the early 1980s by Leslie Lamport at SRI International. The current version is LaTeX2e. LaTeX is free software and is distributed under the LaTeX Project Public License.





## TOPICS COVERED

1. Introduction
2. Installation and package maintenance
3. Structure of a LATEX document
4. What is this LATEX and why would I need it?
5. Basic Document preparation
6. Advanced Document preparation
7. Tables and Graphics
8. Thesis and Report preparation
9. Mathematical expressions and equations
10. Bibliography/ Creating Bibliography with LaTeX
11. Project report creation using Mandelay software
12. Citations and References
13. Bibliography, Index and Glossary
14. Using Online Resources

The program was ended by question answer session in which all the participants clarified their doubt, which were efficiently handled by Mr. Gaurav. In the end, the Certificates were distributed to all the participants. Mr. Gaurav also shared two e-books and other reference material with all participants, which will help them in future to clarify any doubts.

**Submitted by:**  
**Ms. Shweta Kaushik**  
**Ms. Manpreet Kaur**  
**Asst. Professor-IT**

**Submitted to:**  
**Ms. Neetu Singh**  
**PC-MCA**

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ISSUED BY: M.R	DATE:





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QUALITY FORMS & RECORDS	QFR : ACA : 20
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**Event:** Online FDP on “E- teaching in an E-learning Era”  
**Keynote Speakers:** 1. Dr. Ram Subramaniam (Entrepreneur and Researcher-IT, Management and Finance) 2. Dr. Manju Gupta (Dean Academics, IMS Noida)  
**Date & Day:** May 14, 2020  
**Schedule:** 10:00 AM to 12:00 Noon  
**Medium:** Online Platform (Google Meet)  
**Program:** Scholar Program (SOM)  
**Number of Participants:** 200 +

Scholar Program of School of Management, IMS Noida organized one day Online FDP on “E-teaching in an E-learning Era” on 14<sup>th</sup> May, 2020 from 10 am onwards. This FDP was organised under the profound guidance of Dr Manju Gupta, Dean Academics IMS Noida and coordinated by Prof. (Dr.) Rashmi Chawla, Program Coordinator, BBA Scholar Program and Prof. Savita Rawat, Assistant Professor, Scholar Program. The aim of the FDP was to inculcate a few new innovative teaching pedagogies that can be applied to both online and in person classes to enlighten the students and increase their self- employability. The event was moderated by Prof. Shalini Pathak, Assistant Professor, Scholar Program.

The session began with a warm welcome extended to the resource persons, Dr. Ram Subramaniam (Entrepreneur and Researcher-IT, Management and Finance) and Dr. Manju Gupta (Dean Academics) and all participants by Prof. Rashmi Chawla.

The first technical session was delivered by our esteemed guest Dr Ram Subramanian. He graduated from Stanford Business School with a Master's degree in Management and Madras University with a Bachelor's degree in Engineering. He did his PhD from University of Leicester, UK. He has a rich work experience in DOW Chemicals and NASA in US. His recent start-up My Money Karma was launched in 2017 with a fellow Stanford graduate and uses ML and AI to recommend financial products and has offices in the US, Belarus, and India.

Prof. Ram began his session by saying that it is highly important for everyone to continuously improve and upgrade themselves as per the need. The speaker said that the students which we are teaching are from varying background so we should check our ego at the door before entering the class and prepare very well for every class as if it is our first class. Then he discussed some cases of finance and supply chain management and emphasised how it is important to use giving live examples to keep the students interest alive in the topic because there are other options like YouTube available from where also students can learn. His main objective was to focus that one

has to make the lecture interesting by generating examples which students don't find in any of the online material available. The key takeaway was "Consider every class like it's your business meeting, give your best in class".

The participants praised the session by posting their comments in the chat box and asked many questions from the Professor like how to create effective participation from students in virtual classroom environment and how to reduce disturbance that occurs in virtual classes. Then there was a question on how to monitor every student while taking online classes. There were many questions of different cadre which were answered aptly by the Professor.

The next technical session was delivered by Dr. Manju Gupta, Dean Academics, IMS Noida. She has over 20 years of rich multi-cultural experience with Education, Training, and Service. She has delivered training on various IT technologies such as Java, Web Development, Digital Marketing, Project Management, and Data Analytics to various clients like CDAC, NIESBUD, Aerus Infotech, Test enclave, RGCMS and many more.

Dr. Manju Gupta conducted the session on "How technology is going to change the role of teachers". She said the key parameters when using a technology are transparency, accountability, responsibility and evaluation. Then she focussed on SWAYAM, National Digital Library, National Academic Repository and various other MHRD projects. She also told that google classroom is a very good platform while taking online classes for sending notes and evaluation of student assignments. Another area which was focussed was what are the various android apps for teaching-learning and she made the audience aware about KAHOOT, SEESAW, Teach learn and Lead, Remind, Additio and Educreation. The audience found the session very enriching and thanked her for making them aware about such initiatives of MHRD and application of various online teaching learning app. As demanded by the participants the PPT and E content was shared with all.

The FDP was attended by the faculties of Pan India from 178 different universities and institutes like Dayalbagh University, Amity University, Punjab University, ICFAI university, IIMT, ITS, Andhra University, Poona College etc. The vote of thanks was proposed by Prof. Savita Rawat, Assistant Professor, Scholar Program to the esteemed speakers for their valuable time, deep knowledge and experience in areas of E-teaching and E-learning. E-Certificates were provided to all participants after filling the feedback form.

The event would not have been successful without the guidance of Dean Academics, Dr. Manju Gupta and support and teamwork of all faculties of Scholar Program.

**Submitted By:**

Prof. Deepti Verma

Assistant Professor

Scholar Program



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**Name of Event:** Online Seminar on“ARTIFICIAL INTELLIGENCE, APPLICATIONS AND EMPLOYMENT GENERATION: A GLOBAL PERSPECTIVE”

**No of Participants:** Over 140  
**Date & Day:** May 17, 2020  
**Schedule:** 3:00 PM to 5:00 PM  
**Medium:** Online Platform (Google Meet)  
**Program:** School Of IT (SOIT)  
**Number of Participants:** 140 +

### **Online Seminar on “ARTIFICIAL INTELLIGENCE, APPLICATIONS AND EMPLOYMENT GENERATION: A GLOBAL PERSPECTIVE”**

On 17th May 2020, SOIT-IMS Noida has organized the Online Seminar on the topic “Artificial Intelligence, Applications and Employment Generation: A Global Perspective” for academicians, industry experts and research scholars from various colleges and industry. This seminar was organised under the profound guidance of Prof. (Dr.) Manju Gupta, Dean Academics IMS Noida and coordinated by Ms. Priti Rani Rajvanshi, Assistant Professor and Program Coordinator- BCA. The aim of this seminar was to discuss the global prospective of Artificial Intelligence, its applications and employment generation tactics. The event was moderated by Dr. Rohit Kumar, Assistant Professor, IMS Noida.

The session began with a warm welcome extended to the resource persons, Prof.(Dr.) K. K. Sharma (a renowned academician from CCSU University) and Dr. Manju Gupta (Dean Academics) and all participants by Dr. Preety Khatri, Assistant Professor, IMS Noida.

The first technical session was delivered by our esteemed guest Prof.(Dr.) K. K. Sharma, Founder National Mission on Quality Enhancement in Education & Research (NMQEER) He did Ph.D. in Physics: Solar Cells from Dept. of Physics and Astrophysics, University of Delhi, Delhi in 1982 and was honored with ‘National Associate’ by the University Grants Commission of India in 1984. Presently his interest of study is Cosmos, its evolution and composition. He has published more than 90 research publications in Physics and interdisciplinary subjects and edited the book: "Nanoscale Science & Technology". Besides many prizes, medals and honors; he was awarded Shikshak Shree Samman by the Govt. of Uttar Pradesh in 2011 for his praiseworthy services in the field of higher education.

Prof.(Dr.) K. K. Sharma began his keynote address by thanking IMS Noida for organizing the event. He stated that “Today AI is in its primary stages and we have a long way to go “. Prof.(Dr.) K. K. Sharma shared his valuable views about Artificial Intelligence, Nanotechnology and Biotechnology with all the participants, including the students of IMS Noida. He presented a beautiful slide show explaining the meaning of AI, Nanotech, Biotechnology and their implementation in Deep space travel, Sustainable Human Development. He stated that human trait “to think rationally, act, purposely and deal effectively with the environment, is called intelligence”. He further added in his presentation that ‘the word artificial intelligence was coined by John. McCarthy in 1956, at the Dartmouth conference. He discussed some basic definitions about algorithms, Artificial Neural Networks (ANN), Big Data etc. He also explained the theory of network architecture known as ‘feed-forward network’. He discussed some applications about ANNs. He also discussed that how AI leads to more employment by increasing productivity, though there may be some displacements initially.

The participants praised the session by posting their comments in the chat box and asked many questions from the Professor about topic of research and development of AI, such as, what are the untouched research areas on AI? How AI can be used in education? What is the difference between weak and strong AI? What is the use of AI in agriculture for crop development? There were many questions of different cadre which were answered aptly by the Prof.(Dr.) K. K. Sharma and Prof (Dr.) Manju Gupta.

The next technical session was delivered by Prof. (Dr.) Manju Gupta, Dean Academics, IMS Noida. She has over 20 years of rich multi-cultural experience with Education, Training, and Service. She has delivered training on various IT technologies such as Java, Web Development, Digital Marketing, Project Management, and Data Analytics to various clients like CDAC, NIESBUD, Aerus Infotech, Test enclave, RGCMS and many more.

Dr. Manju Gupta began her keynote address by quoting that AI is the FUTURE and we all should focus on untouched areas of research of AI like Law. She discussed about the Artificial Intelligence with future perspective. She also addressed the issue of workforce in today’s environment and how society can get prepared and become smarter. She emphasized that AI can dramatically improve our world. It is the demand of time. Dr. Manju gave so many innovative examples which were related to AI such as ‘Siri, Alexa etc. She also explained about how dragon (application of AI) technology is now impact of lockdown all over India. AI is being used extensively in hospitals to combat Covid-19 and it is helping in getting rid of this disease rapidly by robot process.

The Seminar was attended by the faculty members and research scholars of Pan India from 122 different universities and institutes like Baba Ghulam Shah Badshah University Rajouri,J&K., Department Of Education, University College Of Education,Osmania University ,Hyderabad , Yashwantrao Chavan Maharashtra Open University Nashik , Institute Of Business Management And Rural Development Ahmednagar , Chalapathi Institute Of Engineering And Technology, Icfai University Jharkhand, Lucknow Public Of Professional Studies, Aits, Rajampeta C.S.J.M. University Kanpur , Dav College, Sector-10, Chandigarh , Government Girls College Bikaner Rajasthan, Vnr Vignana Jyothi Institute Of Engineering And Technology, Hyderabad-90., Government College Narnaund, Innocent Hearts Group Of Institution, Govt. College Narnaund (Hisar), etc.

The seminar was concluded by a vote of thanks by Dr. Ajay Kumar Gupta (Dean, SOIT) to the esteemed speakers for their valuable time, deep knowledge and experience in areas of Artificial Intelligence. He summarized the seminar with his concluding remarks. The session was declared close after the recitation of the National Anthem. E-Certificates were provided to all participants after filling the feedback form in the real time environment.

The event would not have been successful without the guidance of Dean Academics, Dr. Manju Gupta. The entire seminar was coordinated and organized with the help of all the faculty members of SOIT and the seminar concluded with a strong positive impact and tremendous success.

**Submitted By:**

Ms. Kanika, Assistant Professor, SOIT

Ms. Purnima Gupta, Assistant Professor, SOIT

IMS Noida