



REVOLUTIONIZING THE
AUTOMATION



FACULTY DEVELOPMENT PROGRAM

**“How to Save Time for Research and
Analytics Using Artificial Intelligence and
Machine Learning Techniques”**

Tuesday, 27th June 2017

Prof. Rajendra Prasad
Dean Research, AUH
(Convenor)

Sandeep Singh Kohli
Co-Founder, XLPAT Labs
(Resource Person)

In Collaboration with

AMITY INSTITUTE OF BIOTECHNOLOGY

AMITY UNIVERSITY
— GURGAON —

REPORT

Amity Institute of Biotechnology (AIB) has organized **FACULTY DEVELOPMENT PROGRAM** “How to Save Time for Research and Analytics Using Artificial Intelligence and Machine Learning Techniques” on Tuesday 27th June 2017.

The resource person for the FDP was **Mr. Sandeep Singh Kohli - Co-Founder and Chief Technical Officer of XLPAT**. XLPAT is the World’s largest and most intelligent technology database that uses Artificial Intelligence, Machine Learning, Watson, Search Intelligence and Natural Language Processing technologies to turn big data into actionable business intelligence. It boasts of patent and technology coverage of over 120 countries which allows users thorough & exhaustive patent searches. This is far more superior compared to all other databases.

Before joining XLPAT, Mr. Kohli was The Vice President of a leading Intellectual Property Research and Analytics firm - TT Consultants. There he was leading the product development team and was responsible for driving innovations in IP research services. Mr. Kohli is an Indian Patent Agent and an inventor. In fact he is the lead inventor in 9 patent applications filed in US and India related to technologies like automated patentability, automated PI and automated landscape.

Mr. Kohli is the brain behind several disruptive technologies that use AI to automate R&D activities and this in turn helps to save more than 90% time for IP research. These techniques are extremely useful for researchers, inventors, companies, R&D units, Universities, start-ups, Research institutes and attorneys. They help in fetching quick technology as well as competitive business insights hidden below multiple layers of raw data. Combining more than 10 years of his experience in the IP industry with advanced knowledge of big data and AI techniques, he is redefining the way people do IP Research and analytics.

Program	Venue	Time
Meet & Greet for guest speaker -Mr. Sandeep Singh Kohli XLPAT Co-Founder -by Dr. Machiavelli Singh, AIB and Dr. Surender Khatodia, AIB	VIP Lounge	10:30 – 11:00 AM
Felicitation of guest speaker by Prof. Rajendra Prasad, Director, AIB/AIISH	C-214	11:00 – 11:10 AM
Introductory remarks: Dr. Avani Shukla, AIB		11:10 – 11:15 AM
Technical Session: Sandeep Singh Kohli – XLPAT Co-Founder “How to Save Time for Research and Analytics Using Artificial Intelligence and Machine Learning Techniques”		11:15 – 01:00 PM
Lunch Break		1:00 – 2:00 PM
Discussion of guest speaker with Hon’ble Vice Chancellor, Amity University Gurgaon on ‘Scope of automated novelty and patentability check for Amity University’	VC office	2:00 – 3:00 PM

CONVENOR:

Prof. Rajendra Prasad
Dean, Research
Director, AIB and AIISH

COORDINATORS:

Dr. Machiavelli Singh
Dr. Surender Khatodia
Dr. Avani Shukla

The guest speaker, Mr. Sandeep Singh Kohli was introduced to the participants of the faculty development program by Dr. Avani Shukla, faculty of AIB, AUG.

Mr. Kohli pursued B.Tech Biotechnology from Kurukshetra University. After his graduation he joined a leading Intellectual Property Research and Analytics firm - TT Consultants. There he explored his interest of coding, artificial intelligence, natural language processing and machine learning. Therefore while gaining extensive experience in the IP industry he also significantly advanced his technological skill set. This led to the emergence of XLPAT, a novel and superior method for IP research and analytics. Today XLPAT is the World's largest and most intelligent technology database that uses Artificial Intelligence, Machine Learning, Watson, Search Intelligence and Natural Language Processing technologies to turn big data into actionable business intelligence. It boasts of patent and technology coverage of over 120 countries which allows users thorough & exhaustive patent searches. This is far more superior compared to all other databases.



Mr. Kohli is the brain behind several disruptive technologies that use AI to automate R&D activities and this in turn helps to save more than 90% time for IP research. These techniques are extremely useful for researchers, inventors, companies, R&D units, Universities, start-ups, Research institutes and attorneys. They help in fetching quick technology as well as competitive business insights hidden below multiple layers of raw data. Combining more than 10 years of his experience in the IP industry with advanced knowledge of big data and AI techniques, he is redefining the way people do IP Research and analytics.

This faculty development program attracted a wide audience with science and technology background. Faculty from several different departments within Amity University Gurgaon as well as some from other universities attended this Faculty Development Program.

Mr. Kohli mentioned that there is a huge scope of improving the patentability of novel and innovative ideas stemming out of university research. Through his talk he explained in considerable detail how XLPAT can be used by researchers and innovators to improve the quality of their ideas as well as chances of getting patents.





The Director of AIB, Prof. Rajendra Prasad felicitated Mr. Sandeep Singh Kohli. A memento of Amity was presented to Mr. Kohli as a token of appreciation.

Prof. Rajendra Prasad was highly impressed with Mr. Kohli's presentation. He envisions a big role of novelty/patentability checks using XLPAT for advancing the scope of research and innovation at Amity University.



Mr. Sandeep Singh Kohli had an in-depth discussion with Hon'ble Vice Chancellor Prof. P.B. Sharma on the scope of automated novelty and patentability check for Amity University. Hon'ble Vice Chancellor himself did a novelty check using XLPAT, on his own unique ideas, in the presence of Mr. Kohli. After acknowledging the ease and accuracy of this technology database, Hon'ble Vice Chancellor conveyed a keen interest in fostering future collaborations with XLPAT. He strongly recommended formulating a Memorandum of Understanding with XLPAT for facilitating patentable innovation at Amity University.

PREPARE TO **FULFILL DREAMS** WITH INDIA'S LEADING EDUCATION GROUP

Amity University Gurgaon is a part of India's leading education group, which has pioneered a global culture in education in India. The Amity Group is home to over 1,00,000 students, pursuing 250 Programmes in 60 diverse disciplines, from pre-school to Ph.D.

AMITY EDUCATION GROUP AT A GLANCE

1,25,000 Students	6,000 Faculty	1,200 acres of Campuses
8 Universities in Noida, Gurgaon, Lucknow, Jaipur, Gwalior, Mumbai, Kolkata & Raipur	11 Overseas Campuses in London, New Jersey, California, Dubai, Abu Dhabi, Mauritius, South Africa, Singapore, China and Romania	
B.Schools in 13 cities of India	150+ Institutions & Centres	18 Schools & pre-schools
52,000 On-campus Placements in the last years		25,000 Students on Scholarship



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