47.Two – day workshop on Research, Technology & Innovation

Title: Two – day workshop on Research, Technology & Innovation

Date: 31st January & 1st February 2020

Banner/Brochure:

Photos:

Details of the Program/Report:

Dr. Aravind Chinchure, Founder & CEO, QLeap Academy, and a very well-known personality in the field of innovation, known across the world, conducted a two-day FDP on Research, Technology & Innovation for the faculty members of KLE Technological University. The aim of this FDP was to create a long-term positive impact in driving and embedding research, technology and innovation at KLE Technological University through Department research and KLE-CTIE initiatives. The two-day FDP provided practical, hands-on, experiential training to prepare faculty to become a researcher, build industry relevant technologies, develop innovations for industry and society, understand IP creation, protection, and monetization to enable KLE Tech as one of the premier universities in India.

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On Day 1, Dr. Chinchure, started the session, by sharing his own personal life story, and emphasizing on the fact that, he had very normal upbringing in a tier – 2 city in Karnataka. He, due to some issues that occurred around the family during his standard 12, couldn't clear the exam. He scored just a second class in his MSc degree, and there after he pursued his PhD from TIFR, which was an exceptional achievement, considering how he had faired so far. He devoted and involved himself in studying Physics. Later, he completed post-doctoral research in premier labs, best in the world, in Germany. And there on after his journey from being a researcher he went on to file patents, then ventured into innovation, further designed innovative courses in academics and finally started his own startup, to make humans relevant with Industry 4.0. In a nutshell, he summarized, he was always ahead of current trends in the market, and that helped him do well in whatever he ventured. The moment he became comfortable with something, he would shift to next thing. This disturbance is what helped him do better and better. He gave specific insights to participants, on how research can be conceived and how world class research is possible from a tier – 2 city as well. He took us through specific case studies, as to how research originated in different parts of the world, and how different world class laboratories were set up across the world to conduct research, which led to different start-ups, creating more job opportunities locally, generating revenues and improvising the local economy. He also showed us achievements of various Nobel Laurates around the world. He then shared, specifically how he is making an impact in Bangladesh by his collaborations. Over the last three years there has been tremendous advances in such a small country in spite of having limited resources. In the noon, we had Dr. Donato Masi, from Aston University share his views on how research is conducted in UK. He also shared as to how grants from UK are available for carrying forward research activity in India too. Post which Dr. Chinchure, took us through a session on Megatrends, what megatrends are and how can they influence to arrive at a good research topic. Each team did a small activity on analysing reports on Megatrends published by different organization. Each team then selected a megatrend they wanted to work on. This would then subsequently lead them to arriving at a theme on which specific research topic be chosen.

On Day 2, Dr. Chinchure, reviewed megatrends analysis by each team and how the teams have understood the whole concept. He then shared, information on patents. And suggested to patent first and publish next, in order to receive the credits of patents. He took us through how patents can be searched, and which are the prominent website in the world today to do good patent search. We had Dr. Rajnish Tiwari, from Hamburg Technical University, who connected through a skype call, to share his view on how research is conducted in Germany. Dr. Tiwari, highlighted on how he co – founded Centre for Frugal Innovation and the activity being done there. He introduced the participants to Sustainable Development Goals from World Economic Forum, and how these can also be good topics to start off, to do good research and the results of which will prevail for longer time. Post the skype session with Dr. Tiwari, Dr. Chinchure asked each participant to arrive at the theme, in which they would like to pursue research. Each participant shared their themes.

There was feedback taken from the participants as well. Participants greatly appreciated the knowledge the resource person possessed and the variety of experience he had. They appreciated sessions on Megatrends, Patent Search and exposure to different country development. Few participants appreciated the Nobel laureate's summarization slides and

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were blown way by the achievements they had. Participants believed that this FDP was a great start to carry out their research work – as it helped them great way to finalise the theme and do relevant patent search. However, over all participants expressed that, a detailed workshop on handholding each participants research topic and helping them go to next level would have helped them better. In addition to this, if they get help from resource person to write good proposals which will then help them to get grants from different government agency, would help them to greater extent.

Overall, this FDP will lead to further collaborations, learnings and building KLE Technological University as a world – class university in the future to come. Over 40 faculty from 8 different
engineering schools of KLE Tech, participated in it.

Number of Participants: 37

List of Participants:

SL. No	NAME	Dept
1	Jyothi Bali	A&R
2	Vinod Meti	A&R
3	Sachin Karadgi	A&R
4	Rakesh Tapaskar	A&R
5	S.V.Seeri	MCA
6	Sujata Kulkarni	MCA
7	Deepa Mulimani	MCA
8	Praveenkumar S.M	MCA
9	Amit Kachvimath	MCA
10	Nagaraj C	MCA
11	Prakash R Patil	MCA
12	Ashok Chikraddi	MCA
13	P P Revankar	MECH
14	I G Siddhalingeshwar	MECH
15	Ramachandra	MECH
16	Arun Patil	MECH

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17	Shvaprasad M	MECH
18	Praveen Kumar M	MECH
19	V.P. Baligar	CSE
20	KMM Rajshekaria	CSE
21	Anand Meti	CSE
22	Gitanjali Rao	Arch
23	Sharan Goudar	Arch
24	Kalpesh kumar Patel	Arch
25	Hima C S	Arch
26	Minal Salunke	EEE
27	Anupama R Itagi	EEE
28	Anoop Kumar Patil	EEE
29	Sachin Angadi	EEE
30	Vani Yelamani	Humanities
31	Poornima Byahatti	Humanities
32	Sanjeev Kavale	CEER
33	Ashwin G Kubsadgoudar	CEER
34	Doddesh Marebal	CEER
35	Madhu Asundi	CEER
36	Prema Malali	Civil
37	Roopa Kuri	Civil

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More About Resource Person:

http://www.aravindchinchure.com

Dr. Chinchure is an Innovation Professor & Coach, Growth Strategist, IP Specialist.

He has worked with many global innovation thought leaders and Nobel laureates on projects of national and regional significance. He credits these associations for shaping his perceptions and expertise around results-driven innovations. He was part of Indian and global research organizations, and large multinational and Indian companies in diverse technology areas, driving innovation in technology as well as leading intellectual property-driven assets creation at workplaces.

He is credited with designing and implementing India's first two-year residential and experiential MBA course on Innovation and Entrepreneurship, at Symbiosis Institute of Business Management (SIBM), Pune. Currently, Dr. Chinchure is the Chair Professor of Innovation and Entrepreneurship at the Symbiosis International University, Pune, India.

He received the *Innovation Excellence Award* from Indira International for his contributions towards spreading awareness on innovation across India.

Dr. Chinchure has worked with multinationals, large Indian companies, and startups by formulating organic and inorganic strategies for their growth. This includes helping businesses tap growth opportunities through investments, joint ventures and partnerships to succeed in new and prevalent markets.

Dr. Chinchure is known as an IP specialist and guides organizations across the spectrum to support their IP needs, implement IP strategies and train employees on areas such as IP search and analysis.

Dr. Chinchure is on the board of many non-profit organizations, and advisor to over a dozen companies in sectors across technology, business incubation, social entrepreneurship, digital marketing and consultancy.

Dr. Chinchure has played key roles in many large Indian and multinational corporations, leading critical projects related to innovation, intellectual property as well as developing cutting edge technology.

Dr. Chinchure authored 28 research articles published in international journals in the area of condensed matter physics, and has filed four patents as lead and co-inventor in different geographies including US, Europe, Japan in the area of fuel cells.

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