

**SWAMI KESHVANAND INSTITUTE OF TECHNOLOGY, MANAGEMENT & GRAMOTHAN,  
JAIPUR**

**DEPARTMENT OF MANAGEMENT STUDIES**

in collaboration with

**Rajasthan State Productivity Council**

**&**

**IIM-A Alumni Association, Jaipur Chapter**

organize a National Seminar on

**“Industry 4.0, Leapfrog Opportunity for India”**

**(During National Productivity Week Celebration)**

**Feb 17<sup>th</sup>, 2018**

**About the Seminar**

Industry 4.0, to put it briefly, is a mélange of many futuristic and advanced concepts and technologies which have the potential of transforming the production scenario in the 21st century mainly comprising of a ‘connected shop floor’ where data is collected from various sensors and other input devices to be used for predictive maintenance, better control and long-term analysis.

Industry 4.0 or the fourth industrial revolution as it is called, is emerging globally as a powerful force and is being touted as the next industrial revolution. It is characterized by the increasing digitization and interconnection of products, value chains and business models. Industry 4.0 is driven by an amalgamation of emerging technologies like data volumes, computational power, Internet of Things (IOT), business analytics, augmented reality, artificial intelligence, elemental design, simulation, advanced robotics, additive manufacturing, sensor based technologies and cyber-physical systems. Industry 4.0 would mean the convergence of real and virtual worlds - the next phase in bringing together conventional and modern technologies in manufacturing. This will result in the “Smart Factory”, which is characterized by versatility, resource efficiency, ergonomic design and direct integration with business partners.

Industry 4.0 is one of the major drivers of the Fourth Industrial Revolution. The first industrial revolution was triggered by water and steam power to move from human labor to mechanical manufacturing. The second industrial revolution built on electric power to create mass production. The third used electronics and information technology to automate manufacturing. The fourth is the current trend of automation and data exchange in manufacturing technologies.

Manufacturing today is cutting edge and requires a high level of skill. Today, the global manufacturing sector is undergoing a structural transformation. Though India banks heavily on its Service Sector for growth, the Manufacturing Sector needs to play a significant role in the Indian economy. Manufacturing now needs to fuel the high growth in India. Hon’ble Prime Minister of India, launched the **‘Make in India’** program to place India on the world map as a manufacturing hub. The Manufacturing Sector especially MSMEs play a pivotal role in the Indian economy and provide the largest share of employment after agriculture. In order to converge the aims of growth with employment it is important to increase the share of

manufacturing in the country's Gross Domestic Product from 16% to 25% by 2022 and to create 100 million additional jobs by 2022.

Digital connectivity forms the backbone for adoption of advanced technologies. With increasing penetration of the internet in India and emergence of e-Commerce, presence of enterprises on the internet has become inevitable. Ensuring comprehensive broadband connectivity in industrial clusters, Government of India has launched **Digital India Programme** with a vision to transform India into a digitally empowered society and knowledge economy.

Smart Factory may be characterised in terms of flexible systems and machines, distribution of functions throughout the network, communication/interaction among all participants across hierarchy, self-optimization and autonomous decision-making. Digital technologies allow for new business models and value-producing opportunities, and are attainable for most developing countries.

**Smart manufacturing brings in the following benefits:**

- Lower Cost
- Additional Revenue
- Enabling Industrial Companies to optimize customer relationship.
- Transparency in the production process
- Clarity on the status of all aspects of production system in real time
- Industrial companies that successfully implement Industry 4.0 no longer need to choose between focusing on a better top or bottom line. They can improve both at the same time.
- Logistics processes becomes leaner
- Reduced inventories
- Maintenance processes standardization
- 100% traceability

India is uniquely advantaged in scalable digital technologies. In financial services, it is building a unique, first-of-its-kind digital stack (known as the "India Stack") with Aadhaar, Jan Dhan accounts and various payment technologies such as UPI and the Aadhaar Payment Bridge System. This scalable platform offers an opportunity to develop innovative services not just for the Indian customer but can easily be modified to offer similar services to global customers. Developing and deploying these 'technology stacks' across well-penetrated service sectors like construction, under-penetrated sectors like health or nascent sectors like urban management services can deliver not just economic growth but millions of new jobs.

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### **Outcome report of the event**

The Department of Management Studies successfully organized a National Seminar on “Industry 4.0, Leapfrog Opportunity for India” on 17<sup>th</sup> February, 2018. The seminar was organized in association with Rajasthan State Productive Council and IIM-A, Alumni Association Jaipur chapter. The following are the few outcomes of the National Seminar:

- The seminar was attended by more than 150 participants.
- The seminar constituted a good opportunity to foster the sharing of knowledge on various contemporary issues in the context of improved governance, accountability, and effective development of the developing country like India.
- The seminar met its objectives in promoting the young students to innovate the future and practices that will help them to meet the new challenges.

### **Some of the lessons learned from the National Seminar are the following:**

- The youth should be employment creator rather than job seeker. They should be creative and dynamic.
- There is increased awareness and growing clarity on the role of government and various initiatives taken by government for nation building.
- The action plan for generating new ideas was discussed. People, especially youth should effectively contribute towards strengthening manufacturing sector of India.
- The multi-faceted nature of the problems addressed during the National Seminar highlighted the opportunities that are available for positive actions for the digital economy.

Five students namely Mr. Anurag Sing, Ms. Madhvi Rathore, Mr. Harshvardhan Sharma, Mr. Piyush Agarwal and Ms. Ragini Sharma also shared their views on various sub themes of the Seminar. This was followed by the distribution of the certificate to all winners of Productivity Quiz.

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**Feb 17<sup>th</sup>, 2018**

Venue: Kautilya Seminar Hall

*Programme Sheet*

<b>Time</b>	<b>Session</b>
08:00 AM to 08:30 AM	Registration & Welcome of the Students
08:30 AM to 09:30 AM	Inaugural Session
09:30 AM to 10:00 AM	Group Photo Session & Break
10:00 AM to 11:15 AM	Expert Session I
11:15 AM to 01:00 PM	Expert Session II
01:00 PM to 01.30 PM	Lunch Break
01.30 PM to 02:45 PM	Expert Session III
02.45 PM To 03:30 PM	Valedictory Session

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**List of Experts**

<b>Name of Expert</b>	<b>Organization</b>	<b>Country</b>
Shri O. P. Agrawal	IIM-A Alumni Association Jaipur Chapter	India
Shri V. K. Sharma	Rajasthan State Productivity Council	India
Dr. Vinay Mohan	Founder FIDCO, Ex. Director Finance and CMD, Instrumentation Ltd	India

**National Seminar**  
**On**  
**“Industry 4.0, Leapfrog Opportunity for India”**  
**(During National Productivity Week Celebration)**  
**Feb 17<sup>th</sup>, 2018**  
**Few Glimpse of International Conference**





**Swami Keshvanand Institute of Technology Management and Gramothan, Jaipur**

Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur, was established in the year 2000 by a team of committed professionals and academicians. SKIT enjoys the reputation of being one of the premier institute in northern India, possessing qualified and experienced faculty along with well-developed infrastructure. A great sense of discipline, sincerity and an environment conducive to learning makes SKIT an educational paradise. All the Courses are duly approved by AICTE and affiliated to Rajasthan Technical University, Kota. B.Tech courses are accredited by the National Board of Accreditation (NBA, New Delhi).

**Department of Management Studies**

In its endeavor to strengthen the philosophy of Swami Keshvanand Ji and achieve excellence in Techno-managerial environment, the institute established Department of Management Studies in the academic year 2006-2007. The Department of Management Studies offers an AICTE approved Master of Business Administration (MBA) degree course, affiliated to Rajasthan Technical University, Kota. The Department aims at developing future managers equipped with curricular & co-curricular skills, which will help them to make a mark in the industry. To achieve its vision the Department uses a blend of well-qualified and experienced core faculty and renowned visiting faculty members from other institutes. To enhance the horizon of knowledge, various Seminars, Workshops, and Entrepreneurial Activities are organized regularly. The Department is an active member of All India Management Association (AIMA).

**Patron**

Shri Surja Ram Meel  
Chairman

**Organizing Board**

Dr. Ona Ladiwal  
Dr. Savita Choudhary  
Dr. Maneesha Kaushik  
CS. Pallavi Biyani

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Prof. (Dr.) R. K. Pachar- Principal  
Prof. M. L. Bhargava- Advisor  
Mrs. Abha Meel- Advisor

**FACILITATOR**

Prof. (Dr.) Vikas Shrotriya  
HOD-DMS

**COORDINATOR**

Dr. Atul Gupta

**National Seminar**

On

**“Industry 4.0, Leapfrog Opportunity for India”**

**17<sup>th</sup> February, 2018 (Saturday)**



in collaboration with



**IIM-A Alumni Association,  
Jaipur Chapter**



**Rajasthan State  
Productivity Council**



**Organized by:**

**Department of Management Studies  
Swami Keshvanand Institute of Technology,  
Management & Gramothan, Jaipur, India**



### About the Seminar

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Manufacturing today is cutting edge and requires a high level of skill. Today, the global manufacturing sector is undergoing a structural transformation. Though India banks heavily on its Service Sector for growth, the Manufacturing Sector needs to play a significant role in the Indian economy. Manufacturing now needs to fuel the high growth in India. Hon'ble Prime Minister of India, launched various programmes like 'Make in India, Digital India, Aadhaar, Jan Dhan Yojana and many more to place India on the world map as a manufacturing hub. The Manufacturing Sector especially MSMEs play a pivotal role in the Indian economy and provide the largest share of employment after agriculture. In order to converge the aims of growth with employment it is important to increase the share of manufacturing in the country's Gross Domestic Product from 16% to 25% by 2022 and to create 100 million additional jobs by 2022.

Keeping the importance of realizing higher productivity on continual basis for various sectors of economy, "Industry 4.0, Leapfrog Opportunity for India" is selected as the theme for this National Seminar.

#### Sub-themes of the seminar are:

- Productivity & Industrial Development
- Skill Development & Youth
- Make in India and Digital India
- Industrial Business Scenario
- Strategies for Sustainable Growth
- And other related sub themes.

#### Objectives:

- To address opportunities for visioning the present & future in changing environment of Indian Economy.
- To foster dialogue among various stakeholders, including senior level policy makers, researchers, academicians, managers, regulators and those engaged in non government sector.
- To expose the young students who are the potential leaders of the future to ideas and practices that will help them to meet the new challenges.
- To exchange experiences and networks with fellow professionals, academia and industry experts

#### Target Group:

- Policy makers, Regulators & Government officials.
- Corporate officers from related sectors including technology.
- Professionals & Consultants . NGO's.
- Faculty and Research Scholars of Management/ Developmental Institutes.
- Post- graduate Students of Management, Economics, Commerce, Engineering, CA/CS/ICWA/CFA/MCA/other Professional Courses

**Participation Fee: Free of Cost**

#### Date and Venue:

17<sup>th</sup> February, 2018 (Saturday)

J.C. Bose Seminar Hall,

Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur -302017 (Rajasthan)

Tel No. - +91 141516 0400/ 402, 275 2165/ 67, 275 9609

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Department of Management Studies  
Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur

in collaboration with  
Rajasthan State Productivity Council  
&  
IIM-A, Alumni Association, Jaipur Chapter

***National Seminar***

***on***

***“Industry 4.0, Leapfrog Opportunity for India”***

**17<sup>th</sup> February, 2018 (Saturday) at 11.00 AM**

**Venue: Kautliya Seminar Hall, DMS Block-SKIT, Jaipur**

Key Note Speaker: Dr. Vinay Mohan, Founder FIDCO, Ex. Director Finance and CMD Instrumentation Ltd.

Your benign presence is solicited

Prof. (Dr.) Vikas Shrotriya  
HoD-DMS

Prof. (Dr.) S. L. Surana  
Director Academics

Jaipal Meel  
Director

Dr. Atul Gupta  
Cordinator-Seminar

Prof. (Dr.) R. K. Pachar  
Principal

Prof. (Dr.) S. K. Calla  
Director (D&W)

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JAIPUR**

**DEPARTMENT OF MANAGEMENT STUDIES**

**“Industry 4.0, Leapfrog Opportunity for India”**

**17th February, 2018**

1	Prof. (Dr.) Vikas Shrotriya
2	Dr. Ona Ladiwal
3	Dr. Savita Choudhary
4	Dr. Maneesha Kaushik
5	Dr. Atul Gupta
6	CS. Pallavi Biyani
7	Mr. Dileep Singh Gurjar
8	Mr. Yogesh Sharma
9	Mr. Shiv Prasad Sharma
10	Aastha Kumari (Miss)
11	AAYUSHI RAMDEO
12	Abhishek Kumar
13	ABHISHEK SAINI
14	Aishwarya Kumawat (Miss)
15	AJAY MEHTA
16	Akash Mehra
17	Akshat Kumar
18	AKSHAY KUMAR SHARMA
19	AKSHAY MUTREJA
20	ANIL POONIA
21	Anjali (Miss)
22	ANURAG SINGH
23	APPALI MATHUR
24	ARTI GPTA
25	ASHRAF ALI
26	Avinash Gour
27	Charu Agarwal (Miss)
28	Charu Sharma (Miss)
29	DEEPALI JAIN
30	Dharamveer Jadon
31	DIKSHA SHARMA
32	Diksha Sharma (Miss)
33	Divya Bharti (Miss)
34	Divya Kumari (Miss)
35	GARGI SHARMA
36	GORISHA SONI
37	Govind Sharma
38	Halchal Tiwari (Miss)
39	Harshit Sharma
40	Harshita Singh (Miss)
41	VIPUL SHARMA
42	Vivek Kumar Soni

43	HARSHVARDHAN SHARMA
44	HRICHA SHARMA
45	Jitendra Sharma
46	Juhi Bhura (Miss)
47	Kanksha Malhotra (Miss)
48	KARAN BHATLA
49	Kavita Jat (Miss)
50	Kevin P Sam
51	KHUSHBOO AGARWAL
52	Krishan Kumar Soni
53	KULDEEP BAIRWA
54	Lalit Kumar
55	Lokesh Kumawat
56	MADHAVI RATHORE
57	Mahima Gupta (Miss)
58	Manish Singh
59	Manisha Goswami (Miss)
60	Manoj Yadav
61	MANSHA PARMAR
62	Mayank Behari Mathur
63	MD ALI DANISH
64	Milan Agarwal
65	MOHAMMAD AZHARUDDIN
66	Mohit Soni
67	Monika Chauhan
68	Neha Choudhary (Miss)
69	NEHA IDNANI
70	NISHA SAINI
71	Pankaj Sain
72	Paramjeet Yadav
73	Paritosh Rajoria
74	PAYAL GUPTA
75	Piyush Agarwal
76	Prakash Mulani
77	PRATHVI SINGH RAJAWAT
78	PRATIKSHA MITTAL
79	PRAVEEN PAREVA
80	PREMANAND
81	Prince Kumar
82	Priyal Singh Solanki (Miss)
83	VIVEK SHARMA
84	Vivek Srivastava

85	PRIYANKA KUMARI
86	Puneet Yadav
87	RADHA GAUTAM
88	Radha Kumari (Miss)
89	Ragini Sharma (Miss)
90	Rahul Sain
91	RAJVEER SINGH
92	RAMAN TAILOR
93	RAMKISHAN PALIWAL
94	Rashmi (Miss)
95	RISHABH GUPTA
96	Ritesh Thinger
97	RIYA MALVIYA
98	RUKMANI JANGID
99	SALONI VYAS
100	SHAFaq ARIF ANSARI
101	SHASHANK VASHISTHA
102	SHASHI MOHAN MEENA
103	SHIKHA VIJAY
104	Shivam Mittal
105	SHIVANGI KUMARI
106	SHIVANI DANGAYACH
107	Shivansh Srivastava
108	SHOBHIT SETHI
109	Shubham Kumar Goswami
110	Shubham Singh Shekhawat
111	SONAKSHI DADHICH
112	Sonali Saxena (Miss)
113	SOURABH KHATRI
114	SUDHANSHU GAUR
115	SURABHI
116	SWATI KHANDELWAL
117	Tanya (Miss)
118	TRAPTI MADATWAL
119	Tushar Vaishnav
120	VAIBHAV JAIN
121	VARSHA AGARWAL
122	VIKAS HIRANI
123	VIKAS KUMAR
124	VINAY SHARMA
125	Yamakshi Kumawat (Miss)

# लीपफ्रॉग अपॉर्च्युनिटी इन इंडिया पर हुआ सेमिनार



जयपुर। जगतपुरा स्थित स्वामी केशवानंद इन्स्टीट्यूट टेक्नोलॉजी, मैनेजमेंट एंड ग्रामोत्थान में राजस्थान स्टेट प्रोडक्टिविटी काउंसिल एवं आईआईएमए एल्यूमिनाई एसोसिएशन जयपुर चैप्टर सहभागिता में डिपार्टमेंट ऑफ मैनेजमेंट स्टडीज में इंडस्ट्री 4.0, लीपफ्रॉग अपॉर्च्युनिटी इन इंडिया पर

नेशनल सेमिनार आयोजित किया गया। सेमिनार का प्रारंभ प्रो. डॉ. विकास श्रोतिया ने किया। तत्पश्चात जयपाल मील, डायरेक्टर, एस. के. आई. टी. ने छात्रों को स्टार्टअप अपॉर्च्युनिटी के संदर्भ में बताया। एसकेआईटी के डायरेक्टर प्रो. डॉ. एसके कल्ला ने अतिथियों का स्वागत किया।

## छात्रों को स्टार्टअप के महत्व की जानकारी दी



जयपुर (कासं)। जगतपुरा स्थित स्वामी केशवानन्द इन्स्टीट्यूट टेक्नालाजी, मैनेजमेंट एण्ड ग्रामोथान में राजस्थान स्टेट प्रोडक्टिविटी कॉउन्सिल एवं आईआईएमए एल्यूमिनाई एसोसिएशन, जयपुर चैप्टर सहभागिता में डिपार्टमेंट ऑफ मैनेजमेंट स्टडीज में इन्डस्ट्री 4.0: लीपफ्रॉग ऑर्पोच्युनिटी इन इण्डिया पर नेशनल सेमिनार आयोजित किया। सेमिनार का प्रारंभ प्रो. डॉ. विकास श्रोतिया के लघु वर्णन से हुआ, जिसके बाद एसकेआईटी डायरेक्टर, जयपाल मील ने छात्रों को स्टार्टअप ऑर्पोच्युनिटी के संदर्भ में बताया। एसकेआईटी डायरेक्टर (डी एण्ड डब्ल्यू) प्रो. डॉ. एस.के. कल्ला ने कॉलेज का विवरण देते हुए अतिथियों का स्वागत किया। एसकेआईटी के प्रिंसिपल प्रो. डॉ. आर.के. पचार ने छात्र-छात्राओं को विकर्षण एवं आत्मसंयम के किस्से सुनाकर प्रोत्साहित किया। इस दौरान विभिन्न छात्र-छात्राओं ने लीपफ्रॉग ऑर्पोच्युनिटी पर विचार व्यक्त किए। आरपीएससी के सेक्रेट्री वी.के. शर्मा ने इन्डस्ट्री 4.0 के विभिन्न स्तम्भों पर प्रकाश डालते हुए लीपफ्रॉग ऑर्पोच्युनिटी का विस्तृत विवरण दिया।



## नेशनल सेमीनार आयोजित

जयपुर। जगतपुरा स्थित स्वामी केशवानन्द इंस्टीट्यूट टैक्नालोजी, मैनेजमेंट एण्ड ग्रामोथान में राजस्थान स्टेट प्रोजेक्टविटी काउन्सिल एवं आई. आई.एम.ए. एल्यूमिनायी एसोसिएशन जयपुर चैप्टर सहभागिता में डिपार्टमेंट ऑफ मैनेजमेंट स्टडीज में इन्डस्ट्री 4.0: लीपफ्रॉग ऑपॉर्च्युनिटी इन इण्डिया पर नेशनल सेमीनार आयोजित किया। सेमीनार का प्रारंभ प्रो. डॉ. विकास श्रोतिया के लघु वर्णन से हुआ। जयपाल मील, डायरेक्टर, एस. के. आई. टी. ने छात्रों को स्टार्टअप ऑपॉर्च्युनिटी के संदर्भ में बताया। प्रो. डॉ. एस. के. कल्ल, डायरेक्टर (डी एण्ड डब्ल्यू), एस. के. आई. टी. ने अतिथियों का स्वागत

किया। प्रो. डॉ. आर. के. पचार, प्रिंसिपल, एस. के. आई. टी. ने छात्र-छात्राओं को विकर्षण एवं आत्मसंयम के किस्से सुनाकर प्रोत्साहित किया।

वी.के. शर्मा, सेक्रेट्री, आर. पी. एस. सी. जयपुर ने लीपफ्रॉग ऑपॉर्च्युनिटी का विस्तृत विवरण दिया। सेमीनार के मुख्य अतिथि डॉ. विनय मोहन, फ़ंडण्डर फ़िडको, एक्स. डायरेक्टर फ़इनेंस एण्ड सी. एम. सी., इन्स्ट्रुमेंटेशन लिमिटेड ने इन्डस्ट्री 4.0 कि युवाओं के लिए महत्ता बताई एवं नॉन पर्फॉर्मिंग एसेट पर चर्चा की एवं लीपफ्रॉग ऑपॉर्च्युनिटी के लाभ समझाए। अन्त में अतुल गुप्ता ने धन्यवाद अर्पित करते हुए सेमीनार का समापन किया।

**सीमा सन्देश**

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