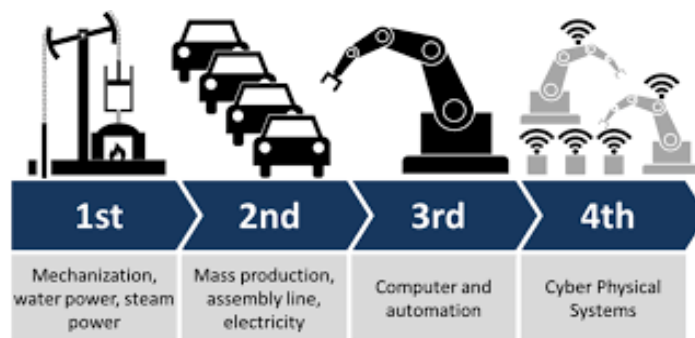


Leadership Development Programme for Deans of Universities, Directors of CDCs and Principals of Colleges

Three-day National level workshop in Managing Excellence and Innovations in Emerging Fourth Industrial Revolution

28-30th December 2017 at New Delhi, India



Report

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**Leadership Development Programme for Deans of Universities, Directors of,
CDCs and Principals of Colleges**

**Three-day workshop in Managing Excellence and Innovations in Emerging
Fourth Industrial Revolution**

28-30 December 2017 at New Delhi, India

Brief Report of the workshop

A 3 day National Level Leadership Development Workshop on Planning and Managing Excellence in Higher Education in emerging Fourth Industrial Revolution has been successfully completed on the 30th December 2017. The resource persons and delegates deliberated on the themes important from the point of view leadership development in the context of the impact of fourth Industrial Revolution. The workshop was inaugurated by Shri PP Shrivastava, IAS, Former Chairman Education, North Eastern Council, Shillong Meghalaya. He emphasized on the need for fusion between technology development during the fourth industrial revolution and human values. This precisely because of a lot of disruption will take place in coming years owing to the fast development of technology. He said best way human values, philosophy of co-existence and can best be provided by the institutions of higher education. He wished the workshop great successes.

The workshop was addressed by Professor Pant, former PVC of IGNOU, New Delhi focusing on the impact of Artificial Intelligence on the future role of machines in the production of goods and services and its likely impact on change job profiles in future. He also spelled out various aspects of Artificial intelligence and blockchain technology. He also addressed participants on innovations and change in another session.

Dr. O.P. Bohra, Formerly with National Institute of Public Finance and Policy and Presently working in University in Dubai, spoke on leaders are borne or made? It generated a lot of lively debate on this aspect.

Professor G.D. Sharma spoke on leadership qualities to deal with emerging fourth industrial revolution. He shared different leadership qualities mentioned in various research studies. These ranged from 6 -10 and 22 qualities. An exercise was given to the participants to prioritize the qualities from the point of view of educational leaders. He also shared eight styles of navigating leadership challenges in paradoxical and contradictory situations as discussed by the LEAD Institute. Delegates carried out the exercise on priorities and present the same in another session. Professor Sharma also in another session shared Impact of fourth Industrial Revolution on higher education and future world of work. He also shared the recent points made by Thomas Friedman on the impact of fourth industrial revolution on the life of people all over the world. He stated Friedman thinks that education has enabled students to filter the information as open net provided both good as well as bad information and have larger reach and influence. Therefore ability filter among students and population is essential. Another point made by him was that all technology innovations were made in 2007 and had tipping to have its impact in 2017. Reach of the internet is so wide that good message can be sent across the globe and bad message can also be sent to masses without filtering. He said need among leaders would be a curiosity to no and learn and we may have to move from EQ to Curiosity Quotient to deal with the future situation. He also shared the passion and empathy is the required for the future. Power is getting concentrated in a few hands therefore there need to fuse values with technology. Professor Sharma in another session also shared Planning and Management of innovations and excellence with the participants.

Professor. Madhulika Kaushik, Formerly with IGNOU and Common Wealth of Learning, presently pro-vice chancellor, Usha Martin University, addressed participants on Intelligent Quotient and Emotional Quotient as qualities of leadership and shared how higher education has developed over the period as also changed the requirement of leaders in higher education. She emphasized on the need for building emotional aspect of leadership along with intelligent

aspect. Both are complementary in making leaders to play their role in development and innovations in higher education.

Professor R.C. Sharma of Indira Gandhi National Open University shared and demonstrated how to use technology make presentation effectively. He also cited several open source ware which can be used to develop the presentation effectively and can also be shared with people around the work.

Dr. Sunil Mehru from Consortium of Education Communication presented role played by CEC in developing digital resources, namely MOOCs for undergraduate students, Learning Objects and other enrich programme developed by CEC. He said these resources can feely used by the colleges.

Professor. Sudhanshu Bhushan, Head of Higher and Professional Education, National Institute of Educational Planning and Administration, New Delhi discussed the structural change in the funding of higher education since last 3-4 years. He said there is a shift from the state funding higher education for development and maintenance to loan system of funding higher education. He said central contribution to higher both through UGC and RUSA has declined and the shift is towards loan funding through proposed Higher Education Funding system. He pleaded delegates to explore various sources of the fund at their level to meet the future funding requirement. Some of the participants enquired from him about the role of the welfare state to support and fund the education of people.

Valedictory Address was given by Professor Furqan Qamar, Secretary General of Association of Indian Universities, New Delhi. He shared the development of higher education under a public and private system of higher education. He also shared a concern for declining funds for development of higher education. He mentioned that this concern was also shared with a group of parliamentarians in a programme. He said that on the one side we have a good number of youths to be educated on the other we have not been able to spend an adequate amount of funds as recommended by experts. He also shared the need to ensure the quality of ever-expanding private education. The concern of equity and quality are real and this concern can only be met with adequate investment in higher education. With regard to technology, there are two views one group feels technology will be able to answer the

problems of quality with much dependence on teacher and other group feels that old method of chalk and talk will survive and ensure the quality. He said there would need to balance these views. He also said one has to think beyond existing ways managing and expressing concern for quality and access to higher education. He also awarded certificate to participants.

To the issue of welfare state raised by participants Professor G.D. Sharma said there is need to respond to realities as mentioned by Professor Suhudanshu Bhusan and also think beyond and express about the role of state under the political economic framework of the welfare state. He said the difference between other institutions of society and education institution is that education and particularly higher education is bestowed with the responsibility to speak out what is best in the interest larger number of people and the development of the country.

The workshop completed with the thanks to all and particularly participants for undertaking to attend the workshop on their own.

The Background of the workshop:

The change is constant. Leaders of higher education have to, therefore, deal with and cause the changes so as to enable institutions of higher education to dynamically respond to the development of knowledge and skills among undergraduates, Post Graduates, and Research students enrolled and likely to be enrolled with them. The changes in the field for knowledge and skills are being caused by developments in the Internet of Things (IoT) and Artificial Intelligence (AI) development of digital and virtual education processes, high expectations of employers and the system of production, distribution, and services.

Objectives of the workshop were:

1. To share with the leaders of higher education- principals of colleges and deans of universities, Deans /Directors of College Development Council about developments impacting the system of higher education locally and globally namely, Quality Assurance, World University Ranking, National University and Colleges Ranking, MOOCs, Digital Academic

Resources, and processes, new systems of outcome-based education, evaluation and entrepreneurial ways of funding

2. To discuss newer demands and expectations from system of higher education as experienced by leaders and as projected globally
3. Techniques and skills to manage and cause excellence and innovations in the institutions of higher education so as to effectively respond to impending changes owing to emerging fourth Industrial revolution

The outcome of the 3-day workshop was:

1. Participants discussed of new developments and opportunities that enabled them to carve out areas of excellence and innovations specific to their academic and students environment
2. Mutually benefited by sharing their ideas and network for future cooperation in carrying out plans and strategies of their institutions
3. Participants are able to join the larger mission of achieving excellence and innovations in higher education

Venue of the workshop:

Matangi Conference Room, SEED- ICF Office, Kh.No. 774/6 Village Mandi, New Delhi 11047

Direction to venue: Come to Chattarpur Metro Station, Take a road going to Mandi Village. Nearing Mandi on your left side, there is a Jawahar Bal Bhawan and take a left turn on the corner of Jawahar Bal Bhawan, come straight and then take a Right turn towards Mandi - Gwal Pahari border near border before the Police Chowki, on your right side is SEED Office.

Resource Persons:

List of Resource Persons who interacted with participants is given in

Annexure -1

Programme Direction

The programme was conducted by Dr. G.D. Sharma, with advice and support of Professor MM Pant. Dr. S.C. Sharma, Dr. Mridula Sharma

Programme Coordination

Mrinal Sharma

Participants' Group Leader

Dr. Buddhi Gogoi, Principal, Margarita College, Margarita, Assam

Programme Assistants

Rajat Raut

Jan Priya

List of Participants

List of participants who attended the workshop is given Annexure -2

Programme Schedule

Programme schedule is given in Annexure-3

Accommodation for participants

Stay arrangements for accommodation of participants from outside Delhi was made in NIEPA Hostel, at NIEPA Campus, 17 B Aurobindo Marg, New Delhi. (Located on NCERT Campus). Contact *Person, Mithiles-011-26544900*

Contact Persons in SEED Office

Dr. S.C. Sharma Phone – 9811084201

Dr. G.D. Sharma Phone- 9868820215

SEED Office – 011 266 511 96

Annexure -1

List of Resource Persons:

1. *Shri PP Shrivastav, IAS, Former Member, NEC, and Chairman NE Education Council, Shillong, Meghalaya*
2. *Professor Furqan Qamar, Secretary General, Association of Indian Universities, New Delhi*
3. *Professor MM Pant, Former PVC, IGNOU, and Specialist Technology*
4. *Professor Sudhanshu Bhushan, Professor and Head Higher and Professional Education, National Institute of Educational Planning and Administration, New Delhi*
5. *Professor R.C. Sharma, Expert Digital Devices, Indira Gandhi National Open University, New Delhi*
6. *Professor Madhulika Kaushik, Indira Gandhi National Open University,*
7. *Dr. S.C. Sharma, Former Principal, RLA College, New Delhi*
8. *Dr.Mridula Sharma, Director, FMG Academy, Gr. Noida, Delhi NCR*
9. *Dr. Sunil Mehra, Jt. Director, Consortium of Education Communication, New Delhi*
- 10.*Dr. O.P. Bohra, Formerly with National Institute of Public Finance and Policy, New Delhi*
11. *Professor G.D. Sharma, New Delhi*

Annexure- 2

List of Participants

1. Dr. Buddhi Gogoi
Principal,
Margherita College
Margherita Tinsukia
Assam – 786181

2. Dr. Sashikanta Saikia
Principal,
DHSK College
Dibrugarh Assam – 786001

3. Dr. Sanjeevananda Borgohain
Principal,
NLB City College
Dibrugarh Assam –786003

4. Dr.Kripa Prasad Upadhyaya
Principal,
Ledo College
Tinsukia - Assam –786182

5. Dr. Golap Sharma Boruvay
Principal,
Lakhimpur Kendriya
Mahavidyalaya
Dibrogarh Assam - 787032

6. Dr.Chaytanya Bora
Principal,
Tinsukia Commerce College
Sripuria Tinsukia Assam786145

7. Mrs. Sonail Roy
Principal,

Jamin Kant B. Ed. College
Salboni, Ghatsila East Singbhun,
Jharkhand - 832304

8. Dr Kalyani Kabir
Principal,
Jamin Kalyani Mahato College
For Management Science &
Commerce B. Ed or Woman, East
Singhbhum Jharkhand



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Tentative Programme Schedule

Day 1- 28th December 2017

0930- 1000 Hrs.	Registration
1000- 1130 Hrs.	Inauguration. By- Shri PP Shrivastav, Former Member, NEC, Chairman, NE Education Council, Shillong Meghalaya
1130-1145 Hrs	Tea Break
1145- 1300 Hrs.	Fourth Industrial Revolution and its impact AI on Higher Education Professor MM Pant,
1300 - 1400 Hrs.	Lunch
1400 -1530 Hrs	Leaders are borne or made? Dr. O.P. Bohra, Formerly with NIEPF, New Delhi
1530 - 1545 Hrs.	Tea
1530- 1700 Hrs.	Leadership qualities to deal with emerging fourth Industrial Revolution Prof.MM Pant/Dr G.D. Sharma

Day 2 - 29th December 2017

- 1000-1130Hrs Digital Devices and Resources for future teaching-learning process
Speaker: Professor R.C. Sharma- Expert – Digital Devices in Education
- 1130- 1145 Hrs. Tea
- 1145- 1300 Hrs New Age People’s Management- Students, Academic and Admin Staff
and Community – From IQ to EQ system of management
Speaker - Dr. Madhulika Kaushik
- 1300- 1400 Hrs. Lunch
- 1400-1530 Hrs Outcome Based Education-Breaking physical barriers,
Ten Top Skills and National Qualification Framework

Speaker – Professor G.D. Sharma
- 1530- 1545 Hrs. Tea
- 1545 -1700 Hrs. Quality Assurance in Higher Education- IQA, EQA, WUR, NIRF
Dr. Mridula Sharma and G.D. Sharma
- 1900- 2100 Hrs. Meeting and Dinner at IIC, Main 2nd floor Pergola, Delhi

Day 3- 30th December 2017

- 1000-1130 Hrs Planning and managing innovation and excellence in colleges
Prof. MM Pant and Prof G.D. Sharma.
- 11-30-1145 Hrs. Tea
- 1145-1300 Hrs Creating Digital Resources for Under Graduate Degree programme
Dr. Sunil Mehru
- 1300-1400 Hrs Lunch
- 1400- 1530 Hrs. Paradigm Shift in Financing and Governance of Higher Education
Speaker Prof. Sudhanshu Bhusan
- 1530 -1545 Hrs. Tea
- 1545-1700 **Valedictory Sessions**
Address by Professor Furqan Qamar, Secretary-General, AIU

List of Reading and Reference Material provided to participants in USB

- 1. Implications of the Fourth Industrial Age on Higher Education**
Bo Xing and Tshilidzi Marwala
- 2. AI and Analytical and Critical Thinking -PPT**
GD Sharma
- 3. Educating for the fourth industrial revolution**
Roger Chao Jr 10 November 2017 Issue No:48
Erik -Brynjolfsson, Published in June of 2017
- 4. Machine, Platform, Crowd: Harnessing Our Digital Future** by Andrew McAfee and
5. The Ideas Industry, How Pessimist, Partition and Plutocrats are Transforming the Market Place
of ideas By Daniel Drezner, Published on April 2017
- 6. Higher Education and the Future World of Work –**
Unpacking the Future Seminar -Making Career Choices Project
Presented by Eva Fritz- PPT
- 7. Fostering Quality in Higher Education-Policy and Practices**
Institutional Management in Higher Education
Fabrice Hannard and Deborah Rosevears, OECD, September 2012
- 8. Moocs Guidelines- MHRD**
- 9. Moocs in PG Programme- Pankaj Mittal, PPT**
- 10. Moocs at UG level and E-learning Resources- Sunil Mehru-PPT**
- 11. Learning with MOOCs, Prof. MM Pant - PPT**
- 12. New Technology and Future of Higher Education- Bikas C. Sanyal**
- 13. Innovative Pedagogies in Higher Education to Become Effective**
Teachers of 21st Century Skills: Unpacking the Learning and Innovations Skills
Domain of the New Learning Paradigm - Dr. Charles Kivunja1 (Ph.D.)
- 14. Role of Institutions of Higher Education in Providing Qualified Human Resources**
in the Context of Emerging Artificial Intelligence Technologies -Bikas C Sanyal
- 15. Coming of Age in Fourth Industrial Age – MM Pant PPT**
- 16 Challenges and Opportunities for Indian Higher Education in the 4th Industrial**
Age: -Professor MM Pant

Photos



Participants and Resources Person interacting in the LDP Workshop on Leadership Development in managing excellence and innovations in higher education in emerging Fourth Industrial Revolution

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CHEST



Group Photo of LDP Participants and Resource Persons in 3-day workshop on Managing Excellence and Innovations in Higher Education in emerging Fourth Industrial Revolution-28-30 December 2017

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Participants of Leadership Development Programme for Managing Excellence and Innovations in Higher Education in the emerging Fourth Industrial Revolution – Meeting and Dinner at IIC, New Delhi, 20th December, 2017

