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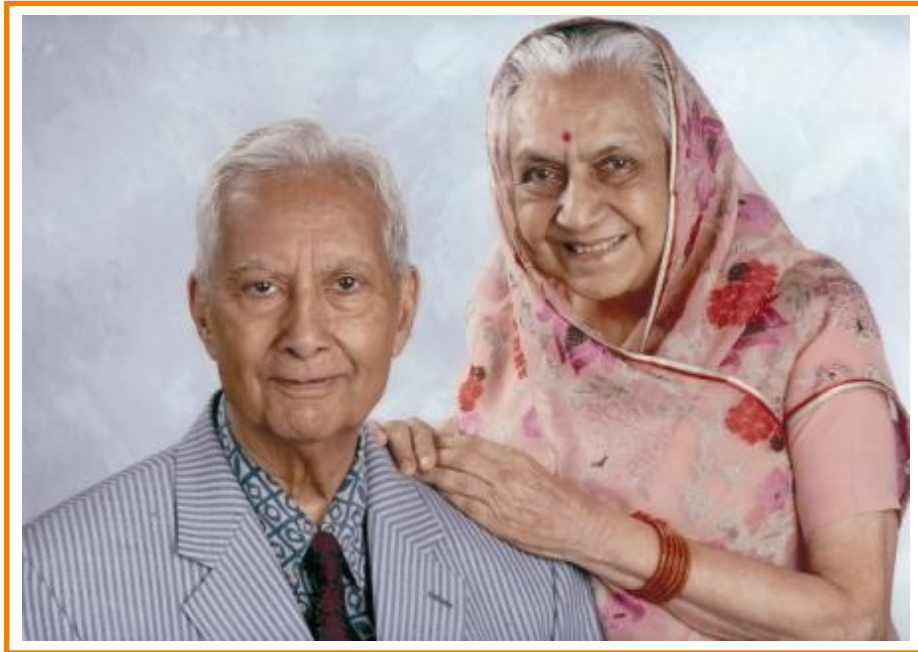
**PROCEEDINGS**  
**FACULTY DEVELOPMENT PROGRAMME**

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**M O O C S**

**E-Content Development & Open Educational Resources**

January, 7 - 14, 2019



*Education is a meaningless ritual unless it can mould the character of students and give them values of life.*

**-Dr. Sarala Devi Birla**



# MOOCS, E-CONTENT DEVELOPMENT AND OPEN EDUCATIONAL RESOURCES

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# PREFACE



These proceedings contain lectures presented at the Faculty Development Programme, held in Sarala Birla University, Ranchi, January 7 - January 14, 2019.

The theme of the FDP, which was organised by SBU in association with UGC- Human Resource Development Centre, was on MOOCs, e-content development and Open Educational Resources.

This volume of proceedings from the FDP provides an opportunity for readers to engage with a wide range of topics discussed during the One-week Faculty Development Programme.

The Faculty Development Program was a huge success among Faculty & Research scholars and well received by participants from various Universities in and around Jharkhand.

I wish to express my sincere gratitude for support rendered by Chief Executive Officer of Sarala Birla University, Shri Pradeep Kr Varma.

I am also thankful to Director, HRD Centre, Dr. Ashok Kr Choudhary for his continuous assistance.

The FDP program started from 7th January 2019. The keynote speaker was Prof. (Dr.) D.K. Singh, Director, BIT Sindri. Dr. Singh presented his views on "Pedagogy for 21st century".

On the second day there were two sessions, first by Prof. S.P. Singh, Former VC, Veer Kunwar Singh Ara University, on Environmental & Sustainable Development and post-lunch session by Prof. Mohd Raziuddin, Former VC, Ranchi University, on "Research topic writing, plagiarism, Copyright, Indexing & Citation of Journals".

Morning session of the third day was taken by Dr. Saroj Ranjan, Department of Management, Vinoba Bhave University on the topic Research-What is it and how it is pursued? whereas the second one was by Prof. Vijay Bahadur Singh, Ex-Director, HRD on the topic Quality Education.

On the fourth day, Prof. Nirmal Kumar, Principal, Gaya College of Engineering, shared his views on Outcome Based Learning whereas topic of Prof. Vishnu Priye, Director, IIIT Ranchi, was Thrills of Research & Traps of Commercial Software.

On the fifth day of FDP, morning session was delivered by Prof. Ranjeet Kumar Singh, Pro-VC, Kolhan University. He emphasized on the topic How to do research. Afternoon session was on the topic MOOCs, e-content development & open educational resources, by Prof. Raj Kumar Singh of Ranchi University.

The last session, i.e., session no. 10 was taken by Prof. Bansidhar Prasad Rukhaiyar, Registrar, Vinoba Bhave University, on the topic Values & Ethics in teaching.

Prof. (Dr.) Ramesh Kumar Pandey, Vice- Chancellor, Ranchi University was the Chief Guest of Valedictory session whereas Dr. A.K. Choudhary, Director, Human Resource Department Centre was the Guest of Honor. Certificate of Participation was distributed among the participants.

At the end of this preface, I would like to thank all who are associated directly or indirectly with the programme.

**Prof. (Dr.) Vijay Kr Singh**  
Registrar/ Course Co-Ordinator (FDP)  
Sarala Birla University

## *Message from Chancellor*



**Smt. Jayashree Mohta**

It is a great pleasure to welcome you to the first Faculty Development Programme here in Sarala Birla University. It is a great honour for the Sarala Birla University to organise this event in such short span of time.

This FDP, under the theme '**MOOCs, e-content development and Open Educational Resources**', provides a platform for teachers, educationists and researchers to exchange ideas and share experiences on how the teachers can better position themselves to the challenges and opportunities of the new age educational techniques.

I appreciate the presence of distinguished guests and great minds from different parts of Jharkhand who became a part of this scholarly exchange of ideas and experience.

It is my hope that this FDP programme will offer a platform to debate the issues but also meet, interact and strengthen networks with each other and even open up wider participation area.

I wish you all fruitful discourse.

## *Message from Pro-Chancellor*



**Shree B. K. Dalan**

**'Massive Open Online Courses (MOOCs)'** is a dynamic and widely discussed topic these days. As a young University it is a commendable effort to organize Faculty Development Programme on this topic with good participation of scholars from various Universities, Colleges and Institutions.

As Pro-Chancellor of the University and the person responsible for communicating the alumni's needs and feedback of the university, I congratulate the entire team of SBU Ranchi for successfully organizing Faculty Development Programme. Without their commitment and contributions, this event would not have been possible and successfully delivered at this time.

My appreciation goes to UGC Human Resource Development Centre for their great support, the FDP organizing team and all others who played a role to make the event successful.

# *Message from Chief Executive Officer*



**Shree Pradip Kumar Varma**

The primary function of institutions of higher education is to facilitate learning. However, the use of the innovative methods of teaching-learning requires training and expertise on the part of the teacher.

The major focus of this **Faculty Development Programme** is on upgrading the teaching style by being innovative in the classroom and to help the participants build upon their teaching skills

I congratulate the Organising team for arranging the FDP for exchange of knowledge.

My best wishes to all the participants of this FDP.



*Message from Director,*  
UGC-HRDC, Ranchi University



**Dr. Ashok Kr Choudhary**

It gives me great pleasure to be a part of 1-week Faculty Development organised in Sarala Birla University from 7th January 2019 on the theme MOOCs, e-content Development & Open Educational Resources.

The essential paradigm of MOOCs as a superior way to deliver learning to a wider audience is evidently gaining acceptance. While most MOOCs don't go beyond recorded lectures or PowerPoint slides, the essentially successful MOOCs are carefully curated to embody all walks of differentiated pedagogy and learner engagement.

MOOCs have the potential to make a difference where conventional eLearning has evidently slopped off. Open MOOC platforms and the ease of curating MOOCs sanctioned by advances in educational technology further predict a promising future.

I wish the organizers the very best in this and all their other endeavours.

# INTRODUCTION TO THEME OF FDP

## MOOCs, e-content Development & Open Educational Resources

A massive open online course (MOOC) is a free Web-based distance learning program that is designed for the participation of large numbers of geographically dispersed students.

The word MOOC was coined in 2008 by Dave Cormier, from the University of Prince Edward Island for a course offered by the University of Manitoba, "Connectivism and Connective Knowledge."

In 2011, the Massachusetts Institute of Technology (MIT) Open Courseware (OCW) became the first large collections of MOOC resources made available by a university.

Learning happens most easily when students feel connected to the content, the instructor, and each other. The objective of this FDP was to create general awareness about the MOOCs among faculty so as to achieve its effective and maximum utilization.

## ABOUT SARALA BIRLA UNIVERSITY

**Sarala Birla University, Ranchi** has been established to create new benchmarks for quality education in various fields viz. Technical, Professional, General & Medicine Education in Jharkhand in particular & India and overseas in general. Sarala Birla University is more than just an education institute. It is a centre for excellence, where ideas are exchanged, curiosity is kindled, and minds are moulded.

SBU shall endeavour to promote the study of national integrity, social justice, secularism and democratic way of life, international understanding & scientific approach to the problems of the society in totality.

SBU aims to be a global leader by creating a knowledge economy where there would be an integration of academia and industry to nurture leaders who are closely connected to the roots and are creative, enlightened and dynamic.

## ABOUT UGC HUMAN RESOURCE DEVELOPMENT CENTRE

All over India 66 Human Resource Development Centres were created by the UGC as a place where special short-term courses could be run for serving teachers from institutions of higher education.

The Human Resource Development Centre, Ranchi is India's premier institution for the up-gradation of knowledge and skills of college and university teachers. It provides world-class education to teacher participants from all over India and abroad every year and is known to provide an excellent atmosphere for scholars to mingle and debate issues of contemporary relevance. The prevailing ethos is one of free speech and a collective endeavour in the search for knowledge.

This Faculty Development Programme was organized by Sarala Birla University in association with UGC-Human Resource Development Centre.

## FDP AT A GLANCE

A one-week **Faculty Development Programme** was successfully conducted in the Sarala Birla University on 7th - 14th January 2019, in association with UGC- Human Resource Development Centre. The FDP programme received an overwhelming response with 38 participants from various Universities, Colleges and Institutions of Jharkhand.

The theme of Faculty Development Programme was **MOOCs, e-content development and Open Educational Resources**.

### Introduction

Massive Open Online Courses (MOOCs) are free online courses available for anyone to enrol. MOOCs provide an affordable and flexible way to students for learning new skills, advance their career and empower faculty to deliver quality educational experiences at scale. It aims to enable thousands of learners to participate in the same course with high quality digital content and interactive tools for learning. The objective of this FDP was to create general awareness about the MOOCs among faculty so as to achieve its effective and maximum utilization.

Date wise brief Report for each day of the one-week FDP programme is given below with the feedback at the end:

### **Date: 7th January 2019 (First Day)**

#### **INAUGURAL SESSION**

The programme was inaugurated in the morning at SBU seminar hall on 7th January 2019 by hands of Dr. D.K. Singh (Director, BIT Sindri), Dr. Ashok Kr Choudhary (Director, UGC Human Resource Development Centre), Prof. (Dr.) Vijay Kumar Singh (Registrar, SBU), Prof. (Dr.) S.K. Singh (Dean Academic, SBU) and others.

In his inaugural address, Dr. Vijay Kumar Singh stressed upon the paradigm changes from blackboard-based teaching to modern ICT base teaching and the importance of using online tools for teaching and evaluation in present days.

He shared his views with the faculty participants that if faculty wants to develop themselves and their students, then attending such faculty development programmes would enhance their skills of teaching concepts practically. He briefed the participants about the subjects chosen for the FDP and highlighted the reasons and importance of the same.

In his message, Chief Executive Officer of Sarala Birla University, Shri Pradeep Kumar Varma congratulated the Organising team for arranging the FDP for exchange of knowledge.

He emphasised on adaption of new technologies for teaching. In line with the current digital era, teachers are required to integrate technology in their daily teaching and replace their traditional methods with modern tools and facilities. MOOCs, online evaluations, audio and video lectures, real time feedback of learners is changing shapes of traditional classrooms.



*Dr. S.K. Singh, Mr. Manish Kumar, Dr. D.K Singh, Dr. A.K Choudhary and Dr. V.K. Singh [From left to right]*

Dr. D.K. Singh, Director, BIT Sindri, in his keynote address appreciated the program organized by Sarala Birla University in association with UGC Human Resource Development Centre, Ranchi University. He said that the whole teaching concept is widely changed with the introduction of information technology.

Today, all teachers are faced with the ongoing challenge of adaption of new technologies to make their teaching effective. The teaching process has been shifted from teacher centric to student centric. Teacher needs to act as Mentor.

### **Highlights Of Keynote Address:**

- The widening gap between the learner and teacher.  
Understand the problem of a learner.
- Use of technology to enhance learning and collaboration.
- Technology for e-evaluations and internal tests.
- MOOC platforms and their effective use.



*Participants of FDP*

Dr. Ashok Kr Choudhary addressed the audience and spoke about the transforming role of a teacher in the contemporary times.

He shared his views on MOOCs and Swayam portal. For quality education, internet and information technology came into picture from where finally the idea of MOOCs came into existence.



*UGC-HRD Centre Director Dr. A.K. Choudhary in conversation with participants*

He encouraged participants to avail the benefits of Swayam portal. He asked the teachers to think big to make the students think big.

## **FIRST SESSION**

The resource person of the first session was Professor D.K. Singh, Director (BIT Sindri). He said that the whole teaching concept was widely changed with the introduction of information technology.

Dr. Choudhary started his discussion with very basic idea of concept of education, learning and teaching. He shared important aspect to be considered in teaching-learning process.

He highlighted the importance of learning and gave idea about domains of learning. He shared his knowledge with participants using power point presentation.

A number of real-life examples helped to make subject fully understand and created interest among the participants.

**Date: 8th January 2019 (Second Day)**

## **SECOND SESSION**

Prof. S.P. Singh, Former Vice-Chancellor, Veer Kunwar Singh Ara University was the resource person for second session. At present, sir is Vice-Chancellor of Himalayan University, Itanagar, Arunachal Pradesh. He welcomed all and spoke on role of teachers. He said teachers need to follow ethics, like love for learning and should be empathetic to all.

His topic was Environment and Sustainable Development. This session focused on the relationship between the access to energy through renewable energy base systems with the sustainability. The environment without development is life without opportunity.

He invited the young community to come forward to protect the environment to avoid a situation where there is a queue for even basic amenities like water or clean air.

## **THIRD SESSION**

Third session of One-week Faculty Development Programme witnessed Prof. Mohd Raziuddin, Former Vice-Chancellor, Ranchi University as Resource Person. He was UGC Emeritus Fellow, Vinoba Bhave University, Hazaribag. He welcomed all and said all teachers are basically researchers.

His topic was Research paper writing and how to publish it in reputed journals. He mentioned that no matter how exceptional a piece of research material is, if it does not meet the proper requirements of a journal, it may not even be considered for publication.

He asked researchers to exchange ideas, get their name and work into circulation and develop new concepts. He suggested participants to build a strong network with other researchers and subject experts.

**Date: 9th January 2019 (Third Day)**

## **FOURTH SESSION**

Dr. Saroj Ranjan, Associate Professor, University Department of Management, Sarala Birla University was the Resource Person for fourth session. His topic of interaction was Research – what is it and how it is pursued.

He said if we need to add some value to education, we must do prior research.

Research is a systematic and careful investigation undertaken to establish facts or principles. It should be self-explanatory.

He explained types of research and process of research in detail. This session was very helpful for the research scholars.

### **FIFTH SESSION**

Fifth session of FDP was graced by Professor Vijay Bahadur Singh, Ex-Director, HRD as Resource Person. At present he is working as Professor, Department of Commerce and Management, Ranchi University. He emphasized that quality among teachers can be built only through development programs.

He gave his thanks and blessings to University management for the achievement in such a short span of time and appreciated for contribution in promoting quality education in the Jharkhand region.

Focusing on his topic “Quality of Education”, he said it is a socio- economical concept. It is a learning concept for learners to acquire those qualities to meet standards.

**Date: 10th January 2019 (Forth Day)**

### **SIXTH SESSION**

This One-week Faculty Development Programme of Sarala Birla University was organised in association with UGC Human Resource Development Centre. Resource Person of the sixth session was Professor Nirmal Kumar, Principal, Gaya College of Engineering.

He shared his experience on Outcome-based education and Continuous quality improvement.

He spoke on issues in higher education like accountability towards students, satisfying the needs of industry, maintaining academic standards, stakeholders and accreditation.

During his lecture, he also addressed the significance of Massive Open Online Courses (MOOCs) which is based on three philosophies, i.e. Anytime, Anyone and Anywhere.

### **SEVENTH SESSION**

The Director of IIIT Ranchi, Professor Vishnu Priye was the Resource Person of seventh session. He chose a very exciting topic to deliver his lecture.

His topic was “Thrills of Research & Traps of Commercial Software”. He discussed about the pitfalls and benefits of Research.

He explained about the paper structure that can be submitted to best journals like papers should have Title, Abstract, Introduction, Body, Conclusions, Acknowledgement, Citations and Appendix.

He emphasised on the references that one should use in his or her research paper. Paying a lot stress that one should put as many references as possible. This makes a research paper justifiable. For eighteen pages of research at least hundred references are mandatory. This also creates a good impression on the reader.

**Date: 11th January 2019 (Fifth Day)**

## **EIGHTH SESSION**

Professor Ranjeet Kumar Singh, Pro-Vice-Chancellor of Kolhan University graced the Eighth session of FDP as Resource Person. He spoke on “Systematized effort to gain new knowledge in Research”.

He discussed on characteristics, types and process of research where formulating the research problem is important than review, analysis, generalization and interpretation and finally conclusion. As a researcher it is mandatory for one to know the basics and have a core idea in order to satisfy the purpose of research and establish an acceptable conclusion.

He connected things starting from the Vedas to the modern philosophy of doing research. He described how the process of metamorphosis takes place when it comes to finding answer to a question.

The second issue which he emphasised on was the collection of data. According to him the two sources of data collection are the primary and the secondary sources and one has to choose among the two in accordance to the question which has been framed.

He emphasised on the framing of the research question and held it to be the fundamental and initial step to do research.

One should focus on the suitability of the research question and its applicability to which type of people even the geographic areas and mentality of the people. He made the session interactive and based on various examples for better understanding of the academicians.

Finally, when the house was open for questions the participants were keen to ask and with the same level of enthusiasm they were justifiably answered by professor.

## **NINTH SESSION**

The Resource Person of ninth session of FDP was Dr. Raj Kumar Singh, Assistant Professor, University Department of Physics, Ranchi University. Topic of his interaction was based on “From Books to MOOCs”.

He said present education pattern is plagued by Exam centric approach which has no room for students' innovation and creativity. Explaining the concept of MOOCs, he said MOOCs are free online courses available for anyone to enrol.

MOOCs provide an affordable and flexible way to students for learning new skills, advance their career and empower faculty to deliver quality educational experiences at scale. It aims to enable thousands of learners to participate in the same course with high quality digital content and interactive tools for learning.

**Date: 12th January 2019 (Sixth Day)**

## **TENTH SESSION**

Professor Bansidhar Prasad Rukhariyar, Registrar, Vinoba Bhave University was the Resource Person of Tenth session. On 12<sup>th</sup> January 2019, Sarala Birla University also celebrated Swami Vivekananda Jayanti.

After paying homage to Swami Vivekananda, he spoke on the topic “Values and Ethics in Teaching”. He spoke about guiding principles of our civilization where ethics and values are inbuilt in a society.

He mentioned the role of a teacher who needs to follow values and ethics in development of the society.



## **VALEDICTORY SESSION**

Sarala Birla University celebrated valedictory of this one-week Faculty Development Programme themed “MOOCs, e-content development and Open Resources” in the presence of distinguished guests. Chief Guest of the valedictory session was Professor Ramesh Kumar Pandey, Vice-Chancellor, Ranchi University. Dr. Ashok Kr Choudhary, Director (UGC-HRDC) and Professor Bansidhar Prasad Rukhariyar were also present during the session.

Professor Vijay Kumar Singh, Registrar (SBU) welcomed and congratulated all for successful completion of the programme. He focused on the role of faculties and stressed to follow the right path to shape the foundation of students.

Professor Bansidhar Prasad Rukhariyar congratulated all for this wonderful programme.

Dr. Ashok Kr Choudhary in his address, focused on new trends in teaching. He encouraged the participants to use the platform of MOOCs for blended teaching learning process. He motivated the teachers to give importance to their role in shaping the future of students.

Chief Guest Professor Ramesh Kr Pandey praised the Organizing team for managing the programme so brilliantly at such initial stage of functioning of University and hoped to get more platforms for such interactions in future as well.

The Chief Guest distributed the Certificates among the participants. During Feedback session, participants agreed that they learned so many new things during FDP. They also suggested a few improvements in future FDP. Moreover, all the resource persons were of repute in their respective fields and the knowledge imparted by them was very useful in their forthcoming academic endeavours.

With the National Anthem, the one-week Faculty Development Programme came to an end.



## FDP SESSION DETAILS

Session No.	Resource Person	Topic
1	<b>Prof. D. K. Singh</b> Director, BIT Sindri	Pedagogy for 21 <sup>st</sup> Century
2	<b>Prof. S.P Singh</b> Former VC, Ara University	Environment and Sustainable Development
3	<b>Prof. Mohd Raziuddin</b> Former VC, Ranchi University	A Foundational Guide to Publishing Research
4	<b>Dr. Saroj Ranjan</b> Department of Management, VBU	Research-what is it and how is it pursued
5	<b>Prof. Vijay Bahadur Singh</b> Ex-Director, HRD	Quality Education
6	<b>Prof. Nirmal Kumar</b> Principal, Gaya College of Engineering	Outcome based Education and Continuous Quality Improvement
7	<b>Prof. Vishnu Priye</b> Director, IIIT Ranchi	Thrills of Research and Traps of Commercial Software
8	<b>Prof. Ranjeet Kr Singh</b> Pro-VC, Kolhan University	Research-Systematized Effort to Gain New Knowledge
9	<b>Dr. Raj Kumar Singh</b> Ranchi University	From Books to MOOCs
10	<b>Prof. Bansidhar Prasad Rukhaiyar</b> Registrar, VBU	Values and Ethics in Teaching

# SESSION NO. I



*Resource Person:*

**Prof. D. K. Singh**, Director, BIT Sindri

**Date: 7<sup>th</sup> January 2019**



*Prof. Vijay Kumar Singh, Registrar, SBU felicitating Prof. D.K. Singh, Director, BIT Sindri with a bouquet*



*Prof. D.K Singh delivering his keynote address*



*Prof. D.K. Singh addressing the participants*

# 1

## **PEDAGOGY FOR 21<sup>ST</sup> CENTURY** **SPEAKER : Prof. D. K. Singh**

Professor D.K. Singh delivered his keynote lecture on the emerging topic 'Pedagogy for 21st Century'. He congratulated the SBU organisers for choosing such a dynamic topic for one-week Faculty Development Programme.

### ***“A Teacher is the image of Brahma”***

With the quote of Manu, he started his lecture by explaining that a teacher is the creator of the Universe. The teacher is the backbone of the educational system, maker of the mankind, architect of the society.

### **OUTLINE OF THE PRESENTATION**

- Purpose of Education
- Impact of Technology on Teaching methodology
- ICT for teaching & Learning
- Role & Responsibilities of Teacher
- Objective of NMEICT

He said that the whole teaching concept is widely changed with the introduction of information technology. Today, all teachers are faced with the ongoing challenge of adoption of new technologies to make their teaching effective.

There is a paradigm shift in the approach of teaching. Earlier the teaching process was teacher centric and at present scenario, it is student centric.

**How can we best prepare our students to be informed, conscientious leaders in a technologically advanced society?**

"Despite our challenges, we have the biggest opportunity to be innovative - the biggest opportunity to do something different.", this quote of Renu Khator explains everything. Mentioning the journey of Renu Khator to University of Houston president position, Professor Singh encouraged the teachers to think globally.

In the 21st Century, an Educator needs to develop eight characteristics- The Adaptor, The Communicator, The Learner, The Visionary, The Leader, The Model, The Collaborator and The Risk Taker.

Education can be a great equalizer in this increasingly unequal, polarized and divided world. Discussing the benefits of online teaching, he said that purpose of web-based education is to make the best teachers, best authors, best instructional and reference materials available to more and more students without any kind of barriers.

Wishing the Sarala Birla University for organising Faculty Development Programme, he said SBU has the potential to do bigger thing, experiment and to innovate and make a change in the education system.

**Teachers should be trained to effectively operate modern word processors (word), spreadsheets (excel), presentation devices (PowerPoint), and various software packages geared toward teaching aids.**

## SESSION NO. II



*Resource Person:*  
**Prof. S. P. Singh**

Former VC, Veer Kunwar Singh University Ara

**Date: 8<sup>th</sup> January 2019**



*Prof. Vijay Kumar Singh, Registrar felicitating Prof. S.P. Singh, Former VC, Ara University. Dr. S.K Singh (Dean-Academic) on the left.*



*Participants in a knowledge-sharing session*

# 2



## ENVIRONMENT AND SUSTAINABLE DEVELOPMENT

SPEAKER : Prof. S. P. Singh

**Professor S.P. Singh** spoke on Sustainable Development. He said all the biotic and abiotic resources influences the environment.

He gave example of Stockholm and said sustainable development means that development which meets the need of the present generation and cares for future generation.

### The key objectives of sustainability include:

- Reviving economic growth so that it has a reduced impact on the environment by using less materials and energy;
- Meeting essential needs for jobs, food, energy, water and sanitation;
- Ensuring a sustainable level of population;
- Conserving and enhancing our natural resource base;



This session focused on the relationship between the access to energy through renewable energy base systems with the sustainability. The environment without development is life without opportunity.

There must be planned and systematic utilization of resources for tranquillity of development, i.e., reviving economic growth.

Energy is the driving force behind all economic activities. Consequently, the ever-increasing population and associated energy requirements to meet the increasing living standard has become a matter of great concern. In particular, the availability of suitable and sufficient energy sources, development of environment friendly utilization technologies and the cost of energy have been extremely important factors needing immediate attention.

**The key to growing sustainability is not to produce less but to produce differently in a way which is environmentally friendly and compatible i.e. by embracing the philosophy of 'Cleaner Production'; not to consume less but to consume judiciously and efficiently within the regenerative capacity of the Earth ecosystems and with minimum waste generation.**

The planet must shift to renewable sources of energy as compared to the regular thermal or hydropower plants that lead to climatic degradation. Solar energy is an effective alternative that we can harness using photovoltaic cells. It is less costly and environmentally friendly.

A shift to wind energy is also an option. Setting up windmills in areas with high-speed wind can help convert the natural resource into electricity for commercial or household usage. Another effective solution can come through the use of natural manure or bio-compost as a substitute for chemical fertilizers. This helps avert soil erosion and soil pollution.

The rest of the change can come majorly through increased awareness and consciousness. Only when the gravity of the situation and a moral responsibility towards forthcoming generations is realized can we pass on a healthy environment to them.

## SESSION NO. III



*Resource Person:*  
**Prof. Mohd. Raziuddin**

Former VC, Ranchi University

**Date: 8<sup>th</sup> January 2019**



*Prof. Mohd Raziuddin in conversation with participants*



# 3



## A FOUNDATIONAL GUIDE TO PUBLISHING RESEARCH

SPEAKER : Prof. Mohd. Raziuddin

UGC Emeritus Fellow **Professor Md. Raziuddin** spoke on how to publish a Research. He said Research is to ponder over a problem and to find solution with a scientific approach.

While discussing the importance of impact factor of journals, he warned the researchers not to fall prey to predatory journals.

**No matter how exceptional a piece of research material is, if it does not meet the proper requirements of a journal, it may not even be considered for publication.**



The number of predatory journals is increasing day-by-day and also getting more difficult to identify. Jeffrey Beall, a librarian at the University of Colorado in Denver, first coined the term “predatory journals”. A predatory journal is a publication that actively asks researchers for manuscripts. They have no peer review system and no true editorial board and are often found to publish mediocre or even worthless papers. They also ask for huge publication charges.

He said that researcher should be wary of predatory journals when using and citing sources, as the articles in predatory journals may not have been thoroughly peer reviewed.

Dr. Raziuddin sir also mentioned that a good publishing work needs to meet the proper requirements of a journal.

Research is an indispensable part of academic profession and provides constant learning and development for the faculty members. It inculcates a quest to explore more and learn more to gain in-depth knowledge in the area of interest.

## 5 Steps Guide to Publishing

- ✓ Positioning the Research
- ✓ Organizing the Research & Submissions
- ✓ Formatting the Submission
- ✓ Including Essential Details The Final Check

A paper to be published should contain well-designed study, well-documented and based upon the significant findings.

Discussing about references and citations, he said to abide strictly to a journal's request for citation formats such as APA (American Psychological Association Standard), MLA (Modern Language Association) or AMS (American Mathematical Association).

**When you plagiarize, you are robbing yourself of the opportunity to learn and showcase your skills.**

It is important on the part of the researcher to properly check for plagiarism. “Be sure to write it in your own words,” is a mantra that was given by sir.

While discussing about the citation, impact factor and plagiarism, he said that writing in own words helps to create something new, build valuable life skills, shows that you understand the material, helps you learn the subject and makes the time spent on the research paper more valuable.

**Inadvertent Plagiarism:** or any material you leveraged in your manuscript that wasn't your own, you should provide proper attribution to the original sources. Make sure you have properly cited all your sources.

**Self-plagiarism:** Sometimes writers do not know that they are committing plagiarism. Did you know that authors are required to cite their own previously published material if they are referencing it within a new paper due to copyright infringement policies?

## SESSION NO. IV



*Resource Person:*  
**Dr. Saroj Ranjan**

Associate Professor, Vinoba Bhave University

**Date: 9<sup>th</sup> January 2019**



*From Left to Right: Mrs. Subani Bara, Principal (Nursing), Dr. Saroj Ranjan, Prof. Vijay Kr Singh and Prof. S.K. Singh*





# 4



## RESEARCH- WHAT IS IT AND HOW IS IT PURSUED?

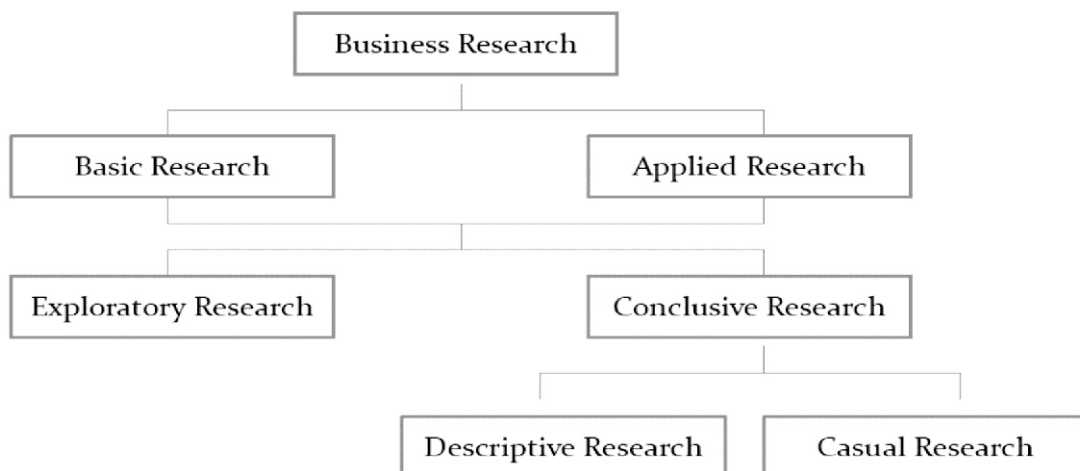
SPEAKER : Dr. Saroj Ranjan

**Dr. Saroj Ranjan** of University Department of Management, Vinoba Bhave University, Hazaribag was the Resource person of fourth session of Faculty Development Programme.

He welcomed all and spoke on “Research- what is it and how is it pursued.”

The Resource Person was focused on the aspect of how to write a good research paper. Sir briefed everyone on how to write the introduction of the paper and the detailed structure of literature review. He further acquainted everyone on how data analysis should be conducted by choosing the right sample size and technique.

### TYPES OF RESEARCH

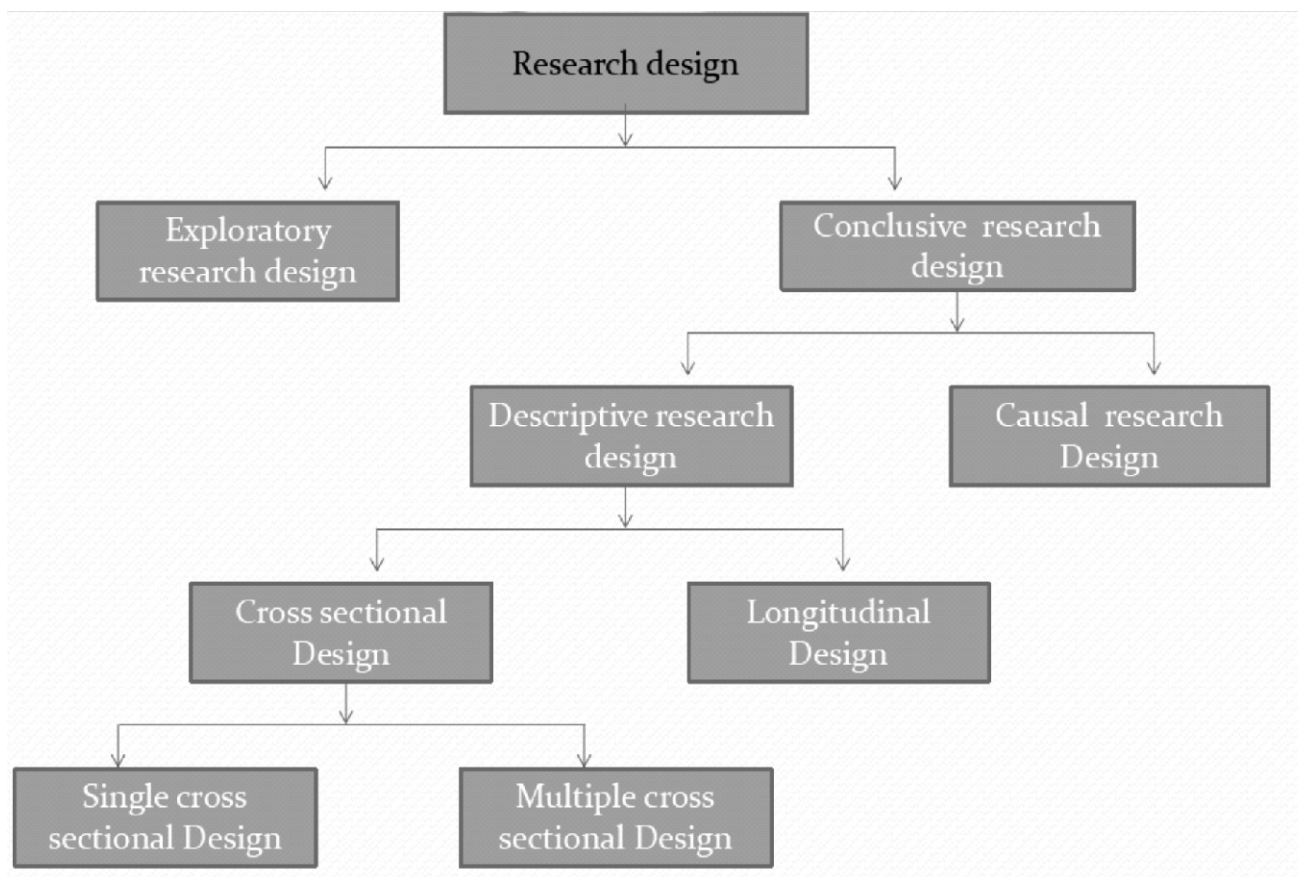


Other points that he discussed was that whatever you write get it edited by the expert of that particular field in which you have written the paper. This is simply done to minimise the mistakes and remove the linguistic barriers.

He emphasised on the references that one should use in his or her research paper. Paying a lot stress that one should put as many references as possible. This makes a research paper justifiable. For eighteen pages of research at least hundred references are mandatory. This also creates a good impression on the reader.

Dr. Saroj Ranjan stated that the work should be so appropriate and reasonable that people wait for the articles. The references and paper should be genuine and clearly explain the topic. Further he talked about the procedure of framing the research question. It should be direct and justifiable. While collecting data one should reach to the abstract source of the data by reading books, articles, journals, etc.

Discussing Research Design, he said that a research Design is based on a framework and provides a direction to the investigation being conducted in the most efficient manner.



Lastly, he ended his session with an advice for the Researcher stating that they should choose a topic which is of their interest and not just for formality of doing research.

## SESSION NO. V



*Resource Person:*  
**Prof. Vijay Bahadur Singh**  
Ex-Director, HRD

**Date: 9<sup>th</sup> January 2019**



*From Left to Right: Mrs. Subani Bara, Prof. S.K. Singh, Dr. Vijay Bahadur Singh and Prof. Vijay Kr Singh*



# 5

## QUALITY EDUCATION

**SPEAKER: Prof. Vijay Bahadur Singh**

**Dr. Vijay Bahadur Singh**, Ex- Director, HRD was the Resource Person for the Session No 5. At present he is working as Professor, Department of Commerce and Management, Ranchi University.

The fifth technical session was started with formal welcome of Dr. Vijay Bahadur Singh. He started his discussion on “Quality Education”. He further added that if faculty wants to develop themselves and their students, then attending such faculty development programs would enhance their skills of teaching the practical concepts.



The session was extremely interesting and beneficial to the faculty members where the role of a teacher in modern times was highlighted.

The facts like centre of learning, understanding the difference between teaching and learning, the teachers being constant learners, involvement of teachers, Innovation in class room and providing a controlled lenience were dealt with.

Practical learning is as much important as the theoretical learning is. This is the sole responsibility of the teachers, who transmit their theoretical and practical knowledge to their academic circles and students. So, it is essential to develop an academican who is capable of early identifying the thrust areas of research.



He gave example of Korean Education system and said it is one of the best education systems followed by other countries too. South Korea performance in education in the last four years has been masterful in execution. Their results in standardized testing and their student's ability to advance towards college graduation is the model over 200 nations, are chasing to be the best in education.

He focused on Chalk and Talk system of the Education system which is still being practised in the country. He also mentioned the pillars of “Quality of Education”.

The lecture was very beneficial and provided an insight on the various challenges associated which a teacher educator has to overcome.

## SESSION NO. VI



*Resource Person:*

**Prof. Nirmal Kumar**

Principal, Gaya College of Engineering

**Date: 10<sup>th</sup> January 2019**



*Prof. Vijay Kr Singh felicitating Prof. Nirmal Kumar, Principal, Gaya College of Engineering. Prof. S.K Singh on left.*





# 6



## OUTCOME BASED EDUCATION

**SPEAKER: Prof. Nirmal Kumar**

The sixth session of the one-week FDP was graced by Dr. Nirmal Kumar, Principal, Gaya College of Engineering. He shared his views on Outcome-based Education and Continuous Quality Improvement.

**“Man is made by his belief.  
As he believes, so he is.”**  
*- Bhagavad Gita*

With this quote from Gita, he said Outcome based education is a system to develop all the students embedded with all the technologies and right attitude. Sir mentioned that OBE is not just for academics but much beyond that, since it has societal need as an integral part of it.

He gave direction and guidance to participants (faculties) on how we can inculcate OBE in our academics to make students more conceptual in thinking and understanding rather just stick to curriculum for scores.

Professor Nirmal Kumar sir explained that for higher education courses, one should aim for imparting 'higher order thinking skills' as desired outcomes. These are based on Bloom's taxonomy.

He talked about three components of Outcome based Education:

- a. Acquiring knowledge
- b. Acquiring skills
- c. To develop right kind of attitude

He spoke on issues in higher education like accountability towards students, satisfying needs of the industry, maintaining academic standards, stakeholders and accreditation.

Though the use of Outcomes-based Education in higher education is comparatively recent in the Indian subcontinent, its significance in higher education learning and teaching has increased in response to the pressing requirement of educational institutions to seek accreditation from national bodies like the National Board of Accreditation (NBA), the National Assessment and Accreditation Council (NAAC), and even International bodies also.

### **PARAMETERS OF OUTCOME BASED EDUCATION MODEL :**

- **Program Educational Objectives**
- **Program Outcomes**
- **Course Outcomes**

He also elaborated the OBE Philosophy, Challenges and Opportunities of OBE for Technical Institutions. Sir threw light on innovations in classroom teaching and laboratory work required for OBE, also justifying the strong Industry-Institute interaction for the wholistic development of students.

He also spoke on the significance of Massive Open Online Courses which is based on three philosophies: Anytime, Anyone and Anywhere.

Both during and after the FDP, questions came from different individuals of the audience. In general, the audience appreciated the lecture and became knowledgeable about the OBE.

## SESSION NO. VII



*Resource Person:*  
**Prof. Vishnu Priye**

Director, Indian Institute of Information Technology, Ranchi

**Date: 10<sup>th</sup> January 2019**



*Prof. Vishnu Priye receiving bouquet from Registrar, SBU*



# 7



## THRILLS OF RESEARCH AND TRAPS OF COMMERCIAL SOFTWARE

**SPEAKER: Prof. Vishnu Priye**

**Professor Vishnu Priye** was the Resource Person of Session No 7 of Faculty Development Program organised by Sarala Birla University in association with UGC- Human Resource Development Centre. He is the Director of IIIT Ranchi.

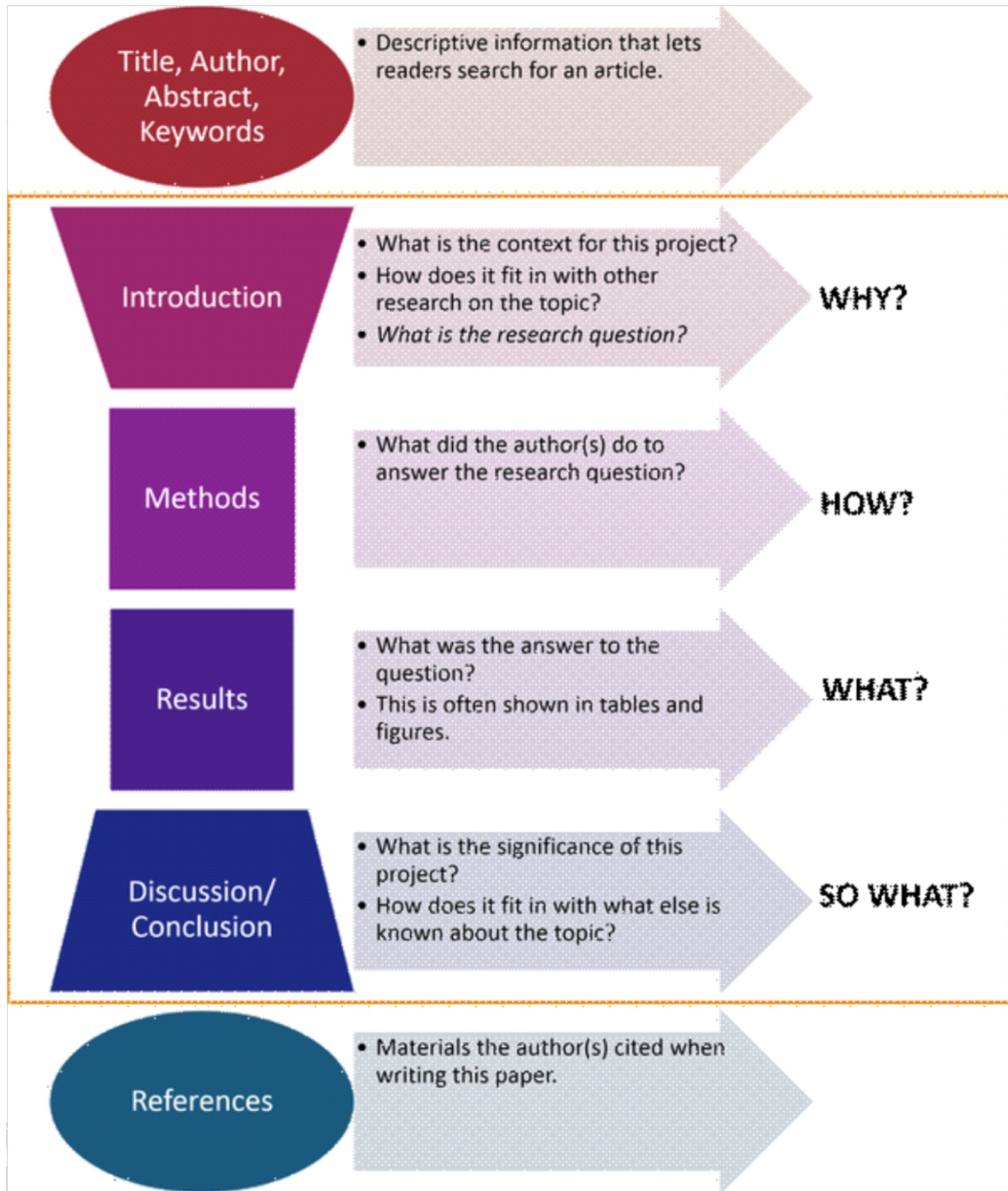
The seventh technical session was started with formal welcome of Dr. Vishnu Priye. He started his discussion on “Thrills of Research and Traps of Commercial Software”.

He mentioned the focus required on formulating a problem to raise new questions, new possibilities, to regard old problems from a new angle and to explore un-accessible areas or to adapt to the data available.

## STRUCTURE OF A RESEARCH PAPER

He discussed about the paper structure that can be submitted to the best journals. Paper structure includes title, abstract, introduction, body, conclusions, acknowledgements, citation and appendices.

In the initial submission of your manuscript, explain and support with references anything you suspect will draw the attention of a reviewer. You want to help a reviewer understand why you did what you did. And you want to anticipate and address an issue before it creates a question.



He gave an idea about research process, various methods of sampling and sampling technique, detail description about the probabilistic and non-probabilistic sampling, measurement scales and how to make use of secondary data, from where to get the secondary data and how to identify the authenticity of secondary data.

Sir mentioned the pitfalls as well as benefits of research where Interpretation and Verification is very important.

He encouraged the researcher and said “Somewhere, something incredible is waiting to be known” So search, search and search till the end.

## SESSION NO. VIII



*Resource Person:*  
**Prof. Ranjeet Kumar Singh**

Pro-VC, Kolhan University

**Date: 11<sup>th</sup> January 2019**



*From Left to Right: Mrs. Subani Bara, Prof. S.K. Singh, Prof. Ranjeet Kr Singh and Prof. Vijay Kr Singh*



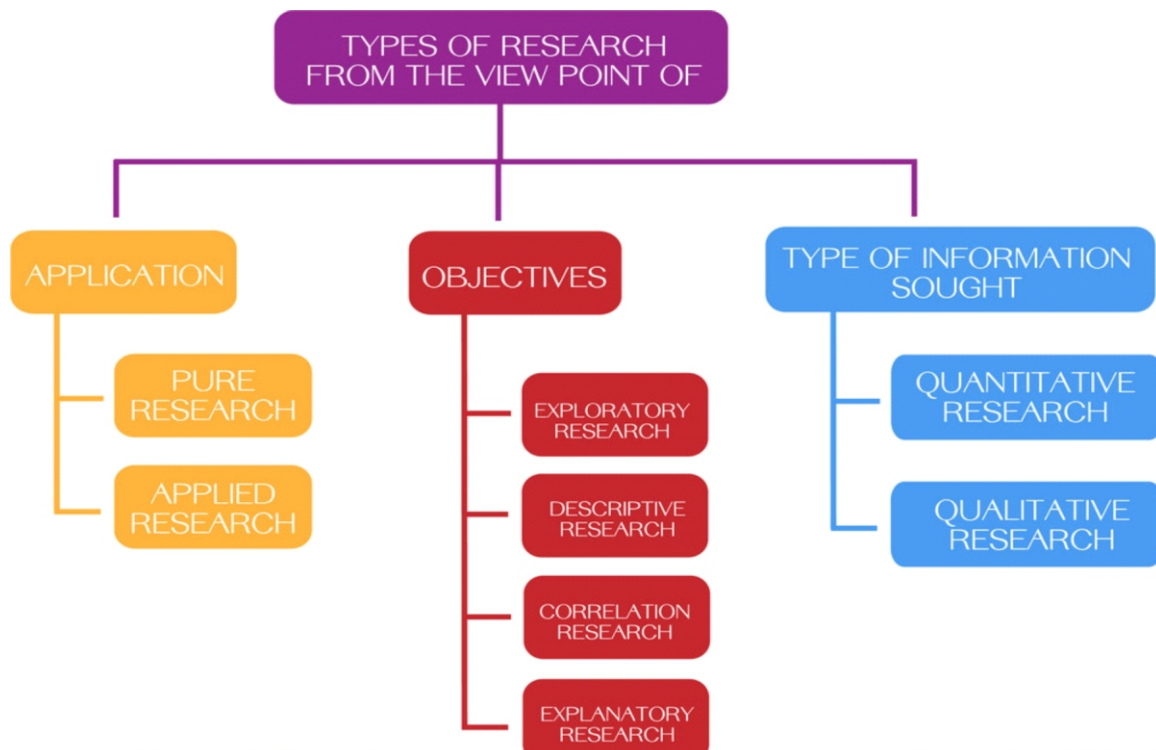
# 8

## RESEARCH - SYSTEMATIZED EFFORT TO GAIN NEW KNOWLEDGE

**SPEAKER: Prof. Ranjeet Kumar Singh**

Sarala Birla University was privileged to have so many distinguished guests during this one-week programme. On the fifth day and in session no 8, Professor Ranjeet Kumar Singh, Pro-Chancellor, Kolhan University was the Resource Person. He was welcomed by faculty members.

After the formal welcome, he started his lecture on Systematized Effort to Gain New Knowledge in Research. It should be as per the need of the society.





He said that, field of research is dynamic and inter disciplinary which gave a knowledgeable experience. He described the objective-wise analysis of research problem.

The path of finding answers to your research questions constitutes **“Research Methodology.”**

The difference between Research Methods and Research Methodology was discussed in detail.

He emphasised on the framing of the research question and held it to be the fundamental and initial step to do research. One should focus on the suitability of the research question and its applicability to which type of people even the geographic areas and mentality of the people. He made the session interactive and based on various examples for better understanding of the academicians.

Next topic in his session was how to approach the literature. He explicitly stated that while surveying the literature a researcher must start with the data available for the last five years and check the dominant theories in that area of research. The top ten journals cited papers leading associations and important conferences act as a lot of input to the researcher's literature.

The various types of research hypothesis were discussed the Directional, the Non-Directional and Null Hypothesis were elaborated.

At the end, when the house was open for questions the academicians were keen to ask and with the same level of enthusiasm they were justifiably answered by professor.

## SESSION NO. IX



*Resource Person:*  
**Dr. Raj Kumar Singh**  
Assistant Professor, Ranchi University

**Date: 11<sup>th</sup> January 2019**



*On the Chair (Left to Right: Mrs. Subani Bara, Prof. S.K Singh and Dr. Raj Kumar Singh; with the Participants*



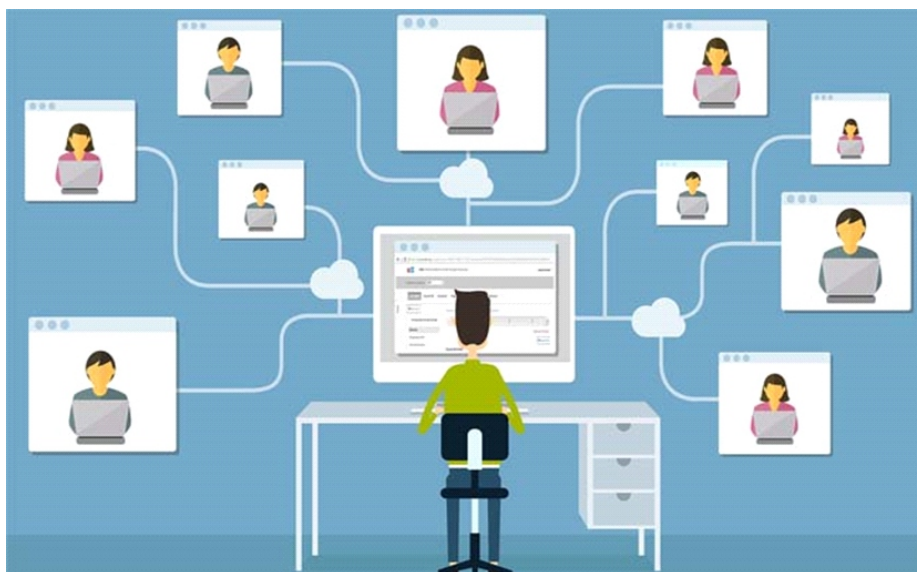
# 9

## FROM BOOKS TO MOOCs

**SPEAKER: Dr. Raj Kumar Singh**

Dr. Raj Kumar Singh was the Resource Person of the Session No 9 of FDP, themed MOOCs, e-content Development and Open Educational Resources. He is associated with University Department of Physics, Ranchi University, in the capacity of Assistant Professor.

After formal welcome, he delivered his lecture on “From Books to MOOCs.” He said present education pattern is plagued by exam centric approach which has no room for students' motivation and creativity.



He focused on “Blended Learning” approach. Blended learning has many names – hybrid learning, flipped classroom, mixed-mode courses, integrative learning. While there is no standard definition of blended learning, the main idea behind it is to optimise the learning experience by integrating elements of online learning with traditional face-to-face class activities or lectures.

### **MOOCs:**

- Massive, involving hundreds and thousands of students.
- Open, in terms of access.
- Online, exclusively. All of the learning activity- content and interactions occurs online.
- Courses. MOOCs have a set start and stop time. MOOC archives are made available even after the completion of course.
- The basic philosophy of MOOCs is 3A's i.e., Anytime, Anyone, Anywhere.

He discussed the benefits of Govt of India project 'Swayam' where, with a view to providing access to the best quality learning resources across the country, the project 'Study Webs of Active Learning for Young Aspiring Minds' (SWAYAM) has been started.

SWAYAM provides an integrated platform and portal for online courses, using information and communication technology (ICT) and covering High School till all higher education subjects and skill sector courses to ensure that every student benefits from learning material through ICT.

## MOOCs Formats

**xMOOCs:** offered in a traditional university model such as Stanford (Coursera), MIT (Massachusetts Institute of Technology)/Harvard (edX), and Udacity.

**cMOOCs:** are based on a connectivist pedagogical model. cMOOCs are largely open in terms of the activities that learners can pursue related to the theme.

**quasi-MOOCs:** provide Web-based tutorials as OER, such as those of the Khan Academy and MIT's OpenCourseWare (OCW). These are technically not courses. They consist of OER intended to support learning-specific tasks

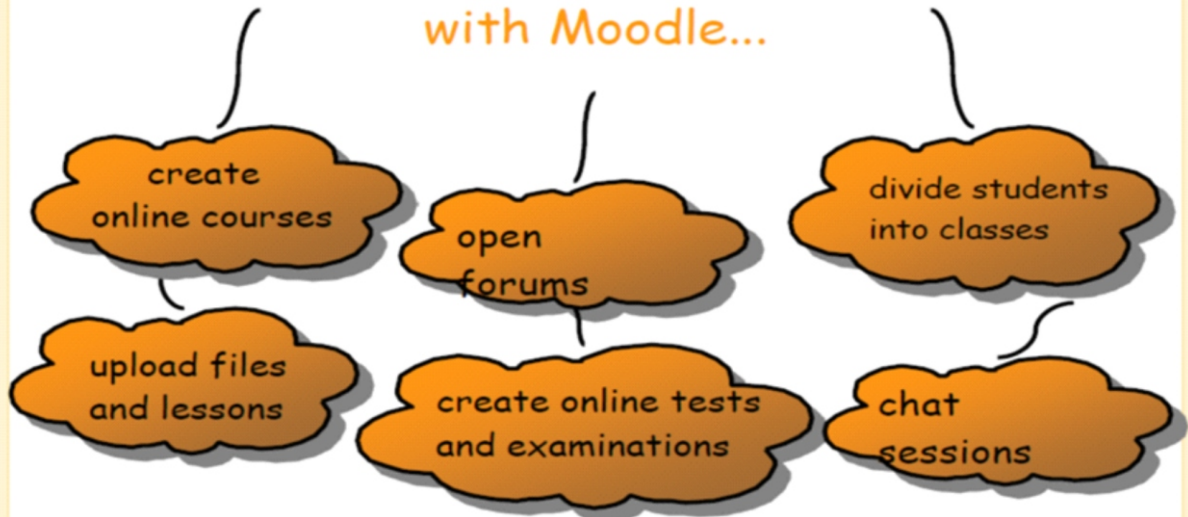
He discussed about Open Educational Resources (OER) materials offered freely and openly to use and adopt for teaching, learning and research.

While there are various Learning Management Software available in the market, he specifically mentioned the functionality of MOODLE, the open source software which is the market leader in the segment.

Moodle is the world's most popular and most used learning management system. It's easy to see why. The Moodle Learning Management System (LMS) is a flexible, open source and free to download learning management solution.

With 100 million users (and growing) and over 100,000 Moodle sites deployed worldwide, this user-friendly eLearning platform serves the learning and training needs of all types of organizations in more than 225 countries worldwide.

## What teachers can do with Moodle...



Both during and after the FDP, questions came from the participants of the FDP. In general, the audience were very enthusiastic about the lecture and became knowledgeable about the MOOCs.

At the end of the FDP, a Q & A session was addressed by Dr. Raj Kumar, where he tried to answer the queries mostly related to online creation and blended learning.

## SESSION NO. X



*Resource Person:*  
**Prof. Bansidhar Prasad Rukhaiyar**  
Registrar, Vinoba Bhave University

**Date: 12<sup>th</sup> January 2019**



*Prof. Vijay Kr Singh felicitating Prof. Bansidhar Prasad Rukhaiyar, Registrar, VBU*





# 10



## VALUES AND ETHICS IN TEACHING

**SPEAKER: Prof. Bansidhar Prasad Rukhaiyar**

January 12 is observed as Vivekananda Jayanti. Swami Vivekananda, one of India's most revered spiritual leaders, was born in Kolkata on January 12, 1863, as Narendra Nath Datta. Vivekananda renounced the worldly pleasures in 1887 along with other disciples of Ramakrishna Paramhansa and took formal vows of sannyasa.

The spiritual leader's iconic speech at the World's Parliament of Religions in Chicago in 1893, is still remembered today.

On this auspicious day, Professor Bansidhar Prasad Rukhaiyar graced the FDP as Resource Person for last session. After paying homage to the Swami Vivekananda, he delivered his lecture on "Values and Ethics in Teaching". He spoke about guiding principles of our civilization where ethics and values are inbuilt in a society.

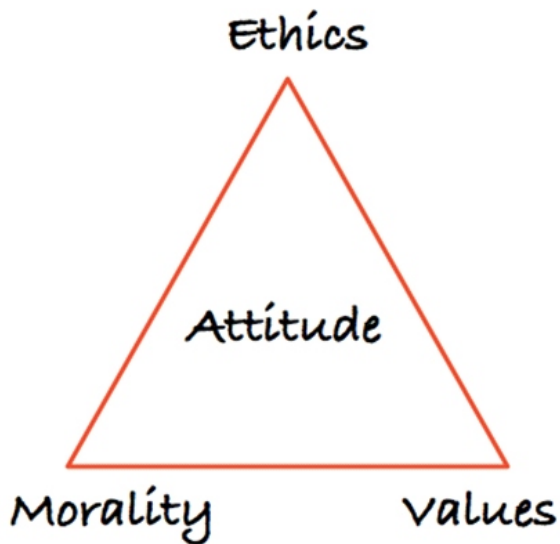
**"The first step in the evolution of ethics is a sense of solidarity with other human beings."**

India is both a beneficiary and a victim of the effects of globalization. India is developing rapidly, but unless we are careful this development can come at the cost of lack of regard for families and the underprivileged. There is also a disregard for an ethical society; as a result, one sees rampant corruption in life.

He spoke about guiding principles of our civilization where ethics and values are inbuilt in any kind of institution or society.

He discussed the role of a teacher who needs to follow values and ethics in development of the society.

The state of society is a direct consequence on the state of education. Education is at the core of developing the people, who are the society. If the education is right, the resulting society will be harmonious and fearless; otherwise it is just a crowd or even a battlefield.



A change is needed in the education system. Education should prepare students with a larger view of life. Education should sensitize the students and equip them with an understanding of self & society. It can be carried out in 2 steps. In the first step, Human Values courses can be introduced in existing education. In the second step, entire education can be remoulded.

He said that teachers can govern the society with their values and ethics.

The participants were very receptive to the session. The session ended after Question-Answer session.



*Prof. Vijay Kr Singh felicitating Prof. Ramesh Kumar Pandey, Hon'ble VC, Ranchi University during Valedictory*



## सरला-बिरला विवि में फैकल्टी डेवलपमेंट प्रोग्राम सात से

**रांची.** सरला बिरला विश्वविद्यालय में सात से 14 जनवरी तक फैकल्टी डेवलपमेंट प्रोग्राम का आयोजन किया जायेगा. इस बाबत विवि के कुलसचिव डॉ विजय कुमार सिंह ने बताया कि फैकल्टी डेवलपमेंट प्रोग्राम, मानव संसाधन विभाग रांची विवि द्वारा ऑफ कैंपस कार्यक्रम के तहत आयोजित किया जा रहा है.

इसमें कई विषयों के जानेमाने शिक्षाविदों और विशेषज्ञों का व्याख्यान होगा. इसमें मुख्य रूप से मॉक के लाभ, सह आधारित शिक्षण और

दृष्टिकोण, नैतिकता और शिक्षण का मूल्य, भविष्य में विवि में विभागों का निर्माण, डिजिटल युग में ई-लर्निंग का महत्व, श्रेष्ठ शिक्षा, प्रभावी शिक्षक के संदर्भ में विचारधारा, सामग्री विकास और सामग्री वितरण आदि विषयों पर व्याख्यान होगा. विशेषज्ञ के रूप में प्रो. एके चौधरी, प्रो. मो. रजीउद्दीन, प्रो. राजकुमार, प्रो. डीके सिंह, प्रो. रंजीत कुमार सिंह, प्रो. विष्णु प्रिय, प्रो. अंजनी कुमार श्रीवास्तव, प्रो. एसपी सिंह, प्रो. शैलेंद्र कुमार सिंह, प्रो. निर्मल कुमार, प्रो. बंशीधर रुखेयार शामिल होंगे.

### अमेरिकी कंपनी के साथ एडम का टाइअप



Sat, 05 January 2019

<https://epaper.prabhatkhabar.com>



Coverage of FDP in Prabhat Khabar

## सरला बिरला विश्वविद्यालय में बीआइटी सिंदरी के निदेशक ने कहा

# स्टूडेंट्स को गाइड करें टीचर्स

लाइफ रिपोर्ट रांची

सरला बिरला विश्वविद्यालय और यूजीसी ह्यूमन रिसेस डेवलपमेंट सेंटर, रांची के संयुक्त तत्वाधान में फैकल्टी डेवलपमेंट प्रोग्राम का आयोजन किया गया. इसका उद्घाटन बीआइटी सिंदरी के निदेशक प्रो. डीके सिंह ने किया. उन्होंने कहा कि आज टीचिंग और लर्निंग प्रोसेस दोनों ही बदल गये हैं. शिक्षक की भूमिका छात्रों को गाइड करने की है. वे उनको गाइड करें, जिससे छात्र सही रास्ते पर जा सकें.

उन्होंने कहा कि शिक्षा का मूल तत्व आज भी नहीं बदला है, लेकिन बदलते परिवेश में उसको प्राप्त करने के तरीके बदल गये हैं. इसलिए शिक्षकों को अपने ज्ञान से परिपूर्ण होकर छात्रों को दुनिया की दौड़ में शामिल करने के लिए एक वातावरण तैयार करना होगा. प्रो सिंह ने कहा कि वैश्वीकरण के इस युग में परंपरागत चीजों को छोड़ते हुए नयी पद्धति एवं नयी दृष्टि से विवि को सुसज्जित करना होगा. विशिष्ट



अतिथि एकेडमिक स्टॉफ कॉलेज के निदेशक प्रो. एके चौधरी ने ओपन ऑनलाइन कोर्सेज पर चर्चा की. उन्होंने कहा कि इससे शिक्षक खुद को अपडेट कर सकते हैं. साथ ही विभिन्न प्रकार के पाठ्यक्रम, ई-लर्निंग और गुणवत्तापूर्ण शिक्षा देने के लिए खुद को तैयार कर सकते हैं. उन्होंने कहा कि क्लास रूम टीचिंग के साथ-साथ विवि ऑनलाइन कोर्सेज करने के लिए भी विद्यार्थियों को प्रेरित करें. इस दौरान

सरला-बिरला विवि के कुलसचिव प्रो. विजय कुमार सिंह ने वर्तमान परिस्थिति में फैकल्टी डेवलपमेंट प्रोग्राम पर विस्तार से चर्चा की. उन्होंने कहा कि 21वीं शताब्दी में शिक्षकों को आवश्यकतानुसार खुद को अपडेट करना होगा. इससे हम दुनिया की दौड़ में अपने आप को सार्थक सिद्ध कर सकेंगे. इस अवसर पर प्रो. एके चौधरी, विजय कुमार सिंह और मनीष कुमार मुख्य रूप से उपस्थित थे.

Coverage of Inaugural Day of FDP in Prabhat Khabar

## सरला बिरला विवि में फैकल्टी डेवलपमेंट प्रोग्राम, बोले मो रजीउद्दीन शोध के विषयों पर गहराई से काम करें



कार्यक्रम में शामिल लोग.

### लाइफ रिपोर्टर @ रांची

सरला बिरला विवि एवं यूजीसी ह्यूमन रिसोर्स डेवलपमेंट सेंटर रांची के संयुक्त तत्वावधान में आयोजित फैकल्टी डेवलपमेंट प्रोग्राम के दूसरे दिन मंगलवार को आरा विवि के पूर्व कुलपति प्रो सुरेश प्रसाद सिंह ने कहा कि बिना पर्यावरण के विकास के

हमारा पूर्ण विकास असंभव है. ऊर्जा संरक्षण एवं संसाधनों का यथासंभव कम उपयोग करना चाहिए. पानी के संरक्षण एवं समायोजन पर विशेष ध्यान देने की जरूरत है. उक्त सभी कार्य उन्नत तकनीकी विकास एवं शोध विकास द्वारा ही संभव है.

रांची विवि के पूर्व कुलपति प्रो मो रजीउद्दीन ने कहा कि कैसे अच्छे ढंग

से शोध पेपर का प्रकाशन किया जा सकता है. उन्होंने कहा कि शोध पेपर का प्रकाशन ऐसा हो, कि समाज को एवं शिक्षा जगत को इससे फायदा हो. उन्होंने शोधार्थियों को सलाह दी कि वे शोध विषयों पर गहराई से काम करें. विवि के कुलसचिव डॉ विजय कुमार सिंह ने कहा कि इस तरह के कार्यक्रम से शिक्षकों को काफी लाभ मिलता है.

Coverage of Second day of Faculty Development Programme

सरला बिरला विवि में फैकल्टी डेवलपमेंट प्रोग्राम, डॉ सरोज रंजन ने कहा

## समाज को समर्पित शोध की जरूरत

### लाइफ रिपोर्टर @ रांची

सरला बिरला विश्वविद्यालय और यूजीसी ह्यूमन रिसोर्स डेवलपमेंट सेंटर, रांची के संयुक्त तत्वावधान में आयोजित फैकल्टी डेवलपमेंट प्रोग्राम के तीसरे दिन शोध एवं गुणवत्तापरक शिक्षा पर वक्ताओं ने अपने विचार व्यक्त किया.

मुख्य वक्ता डॉ सरोज रंजन (मैनेजमेंट डिपार्टमेंट, विनोबा भावे विश्वविद्यालय, हजारीबाग) ने कहा कि शोध समाज को जोड़ने वाला, गुणवत्तापूर्ण और समाज के लिए समर्पित होना चाहिए. उन्होंने कहा कि शिक्षकों को समय के अनुसार खुद को अपडेट रखने की आवश्यकता है.

### गुणवत्ता बढ़ाने की जरूरत

प्रो. विजय बहादुर सिंह, (मैनेजमेंट डिपार्टमेंट, रांची विश्वविद्यालय)



फैकल्टी डेवलपमेंट प्रोग्राम में शामिल टीचर्स.

ने कहा कि आज विवि में गुणवत्ता बढ़ाने की जरूरत है. उन्होंने कहा कि विश्व के विवि की तुलना में भारतीय विश्वविद्यालयों को अपनी गुणवत्ता में गुणात्मक सुधार की जरूरत है. इसके लिए हमें प्राथमिक स्तर से लेकर उच्चतम स्तर तक प्रयासरत रहने की

जरूरत है. ताकि हमारी गुणवत्ता का सतत और गुणात्मक विकास हो सके. यह तभी संभव है जब हमारे शिक्षकों की गुणवत्ता विश्वस्तरीय होगी. उन्होंने कहा कि शोध और गुणवत्ता एक-दूसरे के पूरक हैं. शोध से गुणवत्ता आती है.

Coverage of Third Day of FDP in Prabhat Khabar

# सरला बिरला विवि में फैकल्टी डेवलपमेंट प्रोग्राम जारी

आजाद सिपाही संवाददाता

रांची। गुरुवार को सरला बिरला विश्वविद्यालय एवं यूजीसी ह्यूमन रिसोर्स डेवलपमेंट सेंटर, रांची के संयुक्त तत्वावधान में आयोजित फैकल्टी डेवलपमेंट प्रोग्राम 2018 का चौथा दिन था। कार्यक्रम में पिछले दिनों की भांति नये विषयों एवं नये-नये ज्ञानदायी वक्तव्यों को सुनने के लिए प्रतिभागी जिज्ञासु दिखे। कार्यक्रम में मुख्य वक्ता के रूप में गया कॉलेज ऑफ इंजिनियरिंग, बिहार के प्रचार्य डॉ. निर्मल कुमार, एवं आइआइआईटी, रांची के निदेशक प्रो. विष्णु प्रिये उपस्थित थे। आज के कार्यक्रम का मुख्य विषय परिणाम आधारित शिक्षा एवं अनुसंधान में रोमांच एवं व्यावसायिक सॉफ्टवेयर के जाल



पर आधारित था। आज का कार्यक्रम दो सत्रों में विभाजित था। प्रथम सत्र में गया कॉलेज ऑफ इंजिनियरिंग, बिहार के प्रचार्य डॉ. निर्मल कुमार ने वर्तमान समय में शिक्षा को किस प्रकार परिणामदायी बनाया जाये, इस विषय पर प्रकाश डाला।

वहीं दूसरे सत्र में आइआइआईटी, रांची के निदेशक प्रो. विष्णु प्रिये ने अपने वक्तव्य में अनुसंधान के क्रम में आने वाले रोमांच एवं आधुनिक समाज में व्यावसायिक सॉफ्टवेयर के जाल के बारे में वर्णन किया। इस विषय पर प्रो. विष्णु प्रिये ने कहा कि आदमी

जैसा विश्वास करता है, वैसा बनता है। उन्होंने कहा कि आज नए प्रश्नों के लिए नयी समस्याओं के संरचना, पुरानी समस्याओं को सुलझाने के लिए नई नए दृष्टिकोण एवं संभावनाओं और नयी कल्पनाओं को तैयार करने पर ध्यान केंद्रित करने को कहा। साथ

ही अस्वीकार्य क्षेत्रों का पर लगाने एवं उपलब्ध डेटा के उपलब्ध को अपनाने के लिए धं कहा। उन्होंने कहा कि पैपर व संरचना ऐसी होनी चाहिए जिसे प्रस्तुत किया जा सकता है। सबसे अच्छी पत्रिकाएँ कही जाती हैं जिसमें शीर्षक, अनुप्रेक्षा, परिचय निकाय, निष्कर्ष, स्वीकृति, उद्धरण और परिशिष्ट आदि समाहित होती हैं।

उक्त दोनों अतिथियों के विश्वविद्यालय के कुलसचिव द्र. विजय कुमार सिंह ने पुष्पगुच्छ देकर सम्मानित किया तथा उनसे प्रति आभार व्यक्त किया। साथ ही आशा व्यक्त किया कि उनसे बहुमूल्य अभिभाषण से शिक्षार्थियों को एवं शिक्षा जनत को लाभ मिल पायेगा।

Coverage of Faculty Development Programme- Forth Day

## कार्य में उत्कृष्टता हासिल करने के लिए स्वस्थ रहें : रमेश पांडेय



एसबीएम में प्रमाणपत्र देते कुलपति रमेश पांडेय व मंच पर उपस्थित अन्दाअतिथि • जागरण

जागरण संवाददाता, रांची : सरला बिरला विश्वविद्यालय और यूजीसी ह्यूमन रिसोर्स डेवलपमेंट सेंटर के द्वारा संयुक्त रूप से विश्वविद्यालय के सभागार में आयोजित चार दिवसीय 'फैकल्टी डेवलपमेंट प्रोग्राम-2018' का समापन शनिवार को किया गया। कार्यक्रम के समापन के अवसर पर स्वामी विवेकानंद को याद करते हुए उनकी तस्वीर पर पुष्प अर्पित किया गया। कार्यक्रम के प्रथम सत्र में मुख्य वक्ता विनोवा भावे विश्वविद्यालय के कुलसचिव प्रो. डॉ. बंशीधर प्रसाद रूखेंवार ने शिक्षण में मूल्य एवं नैतिकता विषय पर विभिन्न उपयुक्त उदाहरणों द्वारा सविस्तार व्याख्यान देकर सभी प्रतिभागियों में शिक्षण की नव ऊर्जा का संचार किया। वहीं रांची विश्वविद्यालय

के कुलपति प्रो. डॉ. रमेश कुमार पांडेय ने कहा कि समस्त शिक्षकों को अपने परिवार, कार्य और स्थान में उत्कृष्टता हासिल करने के लिए शारीरिक, मानसिक एवं चारित्रिक रूप से स्वस्थ होने की आवश्यकता है।

उन्होंने सरला बिरला विश्वविद्यालय को इस कार्यक्रम के आयोजन के लिए शुभकामनाएं दीं। सरला बिरला विश्वविद्यालय के कुलसचिव प्रो. डॉ. विजय कुमार सिंह ने कार्यक्रम के उद्देश्यों पर प्रकाश डाला। इस कार्यक्रम में सरला बिरला विश्वविद्यालय, अरका जैन विवि, विनोवा भावे, डॉ. श्यामा प्रसाद मुखर्जी, आइएसएम पुंदाग, रांची महिला कॉलेज, डेरंडा कॉलेज एवं सीआइटी, रांची के प्राध्यापकों ने हिस्सा लिया।

Let's face it, no one wants to be different. But sometimes following the 'normal' crowd gets you no further than that crowd.

When it comes to education, the quality of any education system is based on the quality of teachers. Effective pedagogy techniques enables teachers to observe & assess students in context of classroom situations which increases the prospects of effective learning.

The question is. "How can faculty be helped to strengthen their teaching effectiveness?"

This One-week FDP was meant for professional and moral development of teachers, researchers and trainers working in Universities, Colleges, Professional Institutes, Business Schools, etc.



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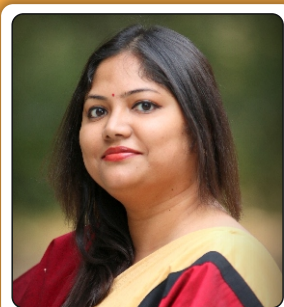
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