

# CURRICULUM DEVELOPMENT CENTRE

July to September, 2023



## 1. Training Programme:

### Short Term Courses:

1. Outcome based Curriculum and Accreditation Criteria from 3-7 July, 2023; Coordinated by Dr. Meenakshi Sood.

The screenshot shows a Zoom meeting in progress. The main window displays a PowerPoint slide titled "Curriculum" with the following content:

**Skill Enhancement Courses**  
(any one per semester in semesters III & IV)

- Field Geology 1: Basic Field Training
- Field Geology 2: Geological Mapping
- Field Geology 3: Himalayan Geology Field
- Field Geology 4: Stratigraphy & Palaeontology Field

Field Geology: direct observations from outcrops, exposures, drill cores, landforms

Fieldworks help to break down barriers between students and their peers and between students and staff (Hall et al 2002).  
Develop soft skills, such as leadership, teamwork and communication skills, resulting in students' personal and social development.

The meeting interface includes a participant list on the right with names like Seema Singh, Tushar Shende, Ghanshyam Tripathi, Srikanth D, Niveditha G, Rupesh Kumar, Cowsigan S P, and 51 others. A chat window on the far right shows messages from Dr.C.Arunachala perumal and Saira Banoo Warsia.

### Short Term Course on Outcome based Curriculum and Accreditation Criteria from 3-7 July, 2023

2. Effective Curriculum Implementation from 24-28 July, 2023; Coordinated by Dr. AB Gupta.
3. Developing Healthy Work Culture from 24-28 July, 2023; Coordinated by Dr. SK Gupta.
4. Developing Academic and Administrative leadership from 21-25 August, 2023; Coordinated by Dr. Meenakshi Sood.
5. NSQF Aligned Curriculum Design and Implementation from 18-22 September, 2023; Coordinated by Dr. S.K. Gupta.

## Faculty Academic Contribution outside the Department

- Prof. PK Singla engaged an expert session during The UGC-Human Resource Development Centre, Panjab University, Chandigarh organized STC on ‘Innovative Curriculum Design’ from 25-31 July, 2023 for Assistant Professors. Addressed the participants on the theme ‘Models of Curriculum Design’.
- Prof. PK Singla as keynote speaker on the Topic: ‘Self Grooming of the young minds - Developing Ethics and Values,’ under NEP 2020 Programme, organized by Chandigarh School of Business, CGC Jhanjeri, Mohali on 27, July 2023.
- Prof. PK Singla delivered an expert lecture as an Eminent Guest Speaker during Faculty Development Program on ‘Universal Human Values, Ethics and Life Skills’ on the Topic ‘Professional Ethics and 21st Century Life Skills’ at Chandigarh University on 1 August, 2023.
- Prof. PK Singla as panelist during discussions on Higher Education Conclave 11-13 August, 2023 organized By Silver Fern. Panelist on 12 August, 2023.
- Prof. PK Singla addressed the gathering on 8 September, 2023 during event on The Transform 8.0 event of Punjab Angels Network organized by BBetter Solutions and COO.
- Dr. Meenakshi Sood engaged session on “NEP-2020 relevance for Curriculum Design” in STC on NSQF aligned Curriculum Design and Implementation from 18 - 22, September 2023.

## 2. Curriculum Development:

- Conducted 11 Curricula development workshops for PSBTE, Punjab as follows:
  - Workshop to design of Curriculum for PSBTE – Fashion Design conducted on July 05, 2023.
  - Workshop to design of Curriculum for PSBTE – Garment Technology conducted on July 05, 2023.
  - Workshop to design of Curriculum for PSBTE – Leather Technology conducted on July 07, 2023.
  - Workshop to design of Curriculum for PSBTE – Leather Technology (Footwear) conducted on July 19, 2023.
  - Workshop to design of Curriculum for PSBTE – Interior Design and Decoration conducted on July 20, 2023.
  - Workshop to design of Curriculum for PSBTE – Architectural Assistantship conducted on July 21, 2023.
  - Workshop to design of Curriculum for PSBTE – Automation and Robotics conducted on August 01, 2023.

- Workshop to design of Curriculum for PSBTE – Modern Office Practice conducted on August 03, 2023.
  - Workshop to design of Curriculum for PSBTE – Library and Information Science conducted on August 10, 2023.
  - Workshop to Finalizing Curriculum of Diploma Programmes for PSBTE conducted on August 16, 2023.
  - Workshop to design of Curriculum for PSBTE – Medical Laboratory Technology conducted on August 17, 2023.
- Conducted 01 Curriculum development workshops for HSBTE, Haryana.
    - Workshop to design of Curriculum for HSBTE – Automation and Robotics conducted on August 01, 2023.



**Workshop to design curriculum for HSBTE, Haryana**

### 3. Research & Development:

#### A. Paper Presentation in Conference

Sr. No.	Name of the Paper Presented	Author (s) Name
1.	“A Computational and Comparative Analysis of Medical Image Fusion Using Different Transform Domain Techniques” 6th International Conference on Mathematical Modelling, Applied Analysis and Computation-2023 (ICMMAAC-23) 03-05 August 2023 organized by the Department of Mathematics, School of Science, JECRC University Jaipur	Nirdesh Shukla, Meenakshi Sood, Amod Kumar, Gaurav Choudhary

#### B. Ph.D and M.E. Thesis

Research	No.	Supervisor(s)
No of M.E Thesis being Guided	5	Prof. (Dr.) Rajesh Mehra and Dr. Meenakshi Sood
No of Ph.D Thesis being Guided	2	Prof. (Dr.) Rajesh Mehra and Dr. Meenakshi Sood
No of Ph.D Thesis completed	1	Prof. (Dr.) Rajesh Mehra

#### C. Patent/Copyright

- Shruti Jain, Meenakshi Sood, and Pramod Kumar, Patent on "Household Waste Heat Harvesting System for Energy Generation", patent gets published. 202311047900, 11 August, 2023.

### 4. Instructional Material Development:

#### ➤ HSBTE, Haryana State:

Finalization of second year Curriculum Document of 30 Diploma Programmes along with Instructional Strategies.

#### ➤ PSBTE, Punjab State:

Finalization of complete Curriculum Document of 24 Diploma Programmes along with Instructional Strategies.

## 5. Extension & Consultancy Services:

- NSQF compliant curricula of 30 diploma courses for HSBTE, Haryana worth Rs. 91.45 lacs.
- NSQF compliant curricula of 24 diploma courses for PSBTE, Punjab worth Rs. 57.23 lacs.

## 6. Other Activities:

- Invited lecture on ‘India's Vision 2047: Economic Achievements and the Role of National Education Policy 2020’ By Shaurya Dovel, Director India Foundation. Prof. PK Singla coordinated the event on July 28, 2023.
- Akhil Bharatiya Shiksha Samagam: Address by PM on the occasion of 3<sup>rd</sup> Anniversary of NEP 2020. Prof. PK Singla coordinated the Event on July 29, 2023.
- A two days brainstorming workshop on ‘Indian Knowledge System (IKS) For Technical, Economic Historical and Policy Aspect’ in collaboration with the Indira Gandhi National Centre for the Arts (IGNCA), Kalakosa, New Delhi. Coordinated by Prof. PK Singla on July 29-30, 2023.
- Workshop for Primary Heads in context with NEP 2020 in Collaboration with Vidya Bharti: Coordinated by Prof. PK Singla & Dr. Meenakshi Sood from August 18-20, 2023.
- Dr. Meenakshi Sood organised a Press meet to celebrate 3rd Anniversary of NEP implementation on July 27, 2023.
- Dr. Meenakshi Sood organised a three - days workshop on “NAAC Accreditation Procedures” at Netaji Subhas University of Technology, New Delhi in July 2023.
- Dr. Meenakshi Sood as keynote speaker on “Best Practices for Effective Teaching”- in ‘International Faculty Development Program’ at Chandigarh University, on July 3, 2023.
- Dr. Meenakshi Sood engaged session on “The Potential Advent of AI in Transforming Health Care” in One Week Faculty Development Program on "Trends in Technological Intelligence (T2I 2023)" organized by "the Department of Electronics and Communication Engineering and Department of Electrical Engineering, BBDNIIT, Lucknow (AKTU College Code 056)" from August 21-25, 2023.
- Dr. Meenakshi Sood engaged session on “National Education Policy 2020” in Faculty Induction Programme from 23.06.2023 to 20.07.2023 UGC-Human Resource Development Centre, Panjab University, Chandigarh.