



NETAJI SUBHAS OPEN UNIVERSITY

Accredited by NAAC with Grade-A

PROGRAMME REPORT

Prelude: The two-day International Symposium on "Education 5.0: Expected Roles of Teachers & Learners" was organized by the Department of Education, School of Education (SOE) at Netaji Subhas Open University (NSOU). The event took place on August 22nd and 23rd, 2025, at the Kalyani Regional Centre, NSOU. The symposium aimed to examine the implications of Education 5.0 on the roles of both teachers and learners in an era of rapid technological advancements and evolving societal needs.

Key Themes & Objectives: The symposium focused on how education is shifting beyond simple technology integration to a human-centric approach that develops crucial skills for a future-ready society. Key topics included innovation, critical thinking, creativity, collaboration, and digital literacy. The symposium's main objectives were to:

- **Explore the conceptual framework** of Education 5.0 and its practical implications.
- **Identify the emerging roles** of teachers as facilitators, mentors, and innovators.
- **Analyze the evolving expectations** of learners, emphasizing their active participation and self-directed learning.
- **Discuss innovative pedagogies** and assessment strategies aligned with Education 5.0 principles.
- **Foster interdisciplinary collaboration** among educators, researchers, and policymakers.
- **Showcase research and best practices** related to Education 5.0 from both national and international perspectives.

Participants & attendees: Around 75. The event welcomed a diverse audience, including academicians, researchers, teachers, and PhD scholars, with encouraging contributions on themes like the teacher as a facilitator and learner agency.

Program Highlights

Day 1: August 22, 2025

The first day kicked off with an inaugural session including lamp lighting, a welcome address by Dr. Papiya Upadhyay, Convener of the symposium, Prof. Sibaprasad De outlining the theme of the event and a presidential address by Prof. D.P. Nag Chowdhury, Director of SOE, NSOU.

- **Keynote Address:** Prof. K. Ferreira-Meyers of the University of Eswatini presented on "The polyglot architect: reimagining language education in education 5.0 with AI as catalyst".
- **Guest of Honour Address:** Prof. Pradeep Kumar Misra, Director, (CPRHE-NIEPA), New Delhi, spoke on a "Human-centric Approach in the era of Education 5.0".
- **Vote of Thanks:** Dr. Parimal Sarkar, Jt. Convener of the symposium proposed the motion of thanks.
- **Plenary Session:** Prof. Bijan Sarkar from the University of Kalyani delivered a talk on the "Modern Learning Ecosystem in Education 5.0".

The afternoon featured two technical sessions with presentations on topics such as the role of metacognition, psychological well-being in Education 5.0, and the use of AI tools in learning.

Day 2: August 23, 2025

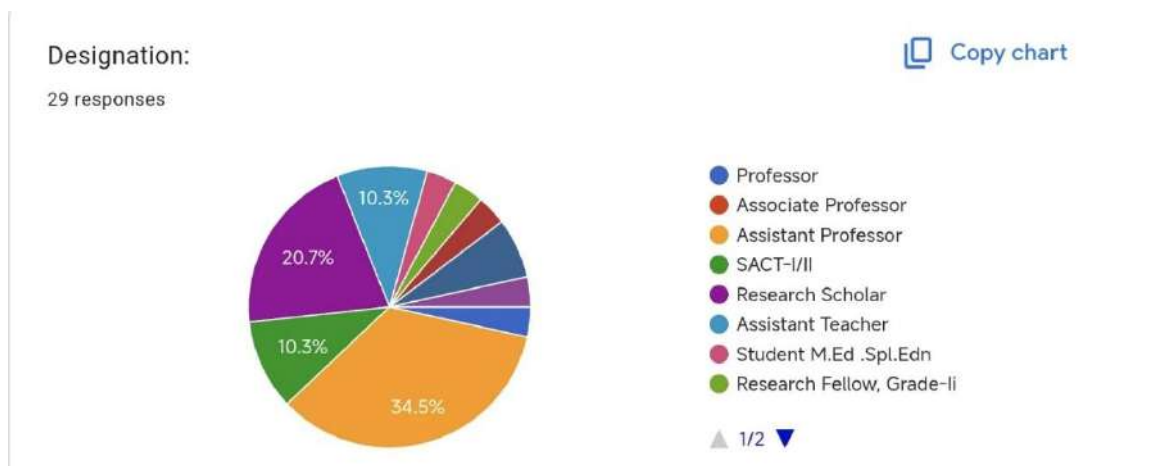
The second day began with a summary of Day 1 by Swapna Deb, a research scholar at SOE, NSOU. The day continued with two technical sessions and a parallel online presentation session.

- **Technical Sessions:** Presenters covered topics like social intelligence among Scheduled Caste students, collaborative lesson planning, and the impact of emotional intelligence of teachers.
- **Parallel Online Presentation:** This session included a wide range of topics, from promoting self-directed learning to the ethical considerations of technology in education.
- **Valedictory Session:** Prof. Asheesh Srivastava, from IUCTE-BHU, Varanasi, gave the valedictory address titled "The Metamorphosis of Education: Cultivating Human Potential in the 5.0 Era". The symposium concluded with feedback from participants and certificate distribution
- **Certificate Distribution:** Participants and presenters were provided respective certificates for their spirited contribution and participation/presentation.

Outcome: The organizers anticipate several outcomes from the event, including the enrichment of academic discourse on Education 5.0, the identification of new roles and competencies for teachers and learners, and the enhancement of Netaji Subhas Open University's reputation as a leader in educational innovation. The symposium's proceedings will be published as a peer-reviewed book with an ISBN by a reputable national/international publisher. Only papers selected by the review committee will be included.

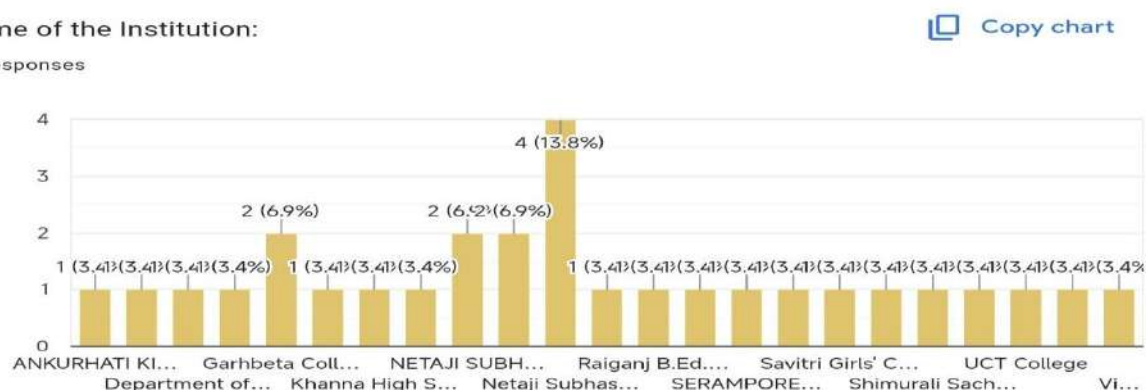
Feedback Analysis Report: A Google form was circulated among the participants for their feedback on the 2-day International Symposium. The following are the responses obtained:

FEEDBACK FROM THE PARTICIPANTS



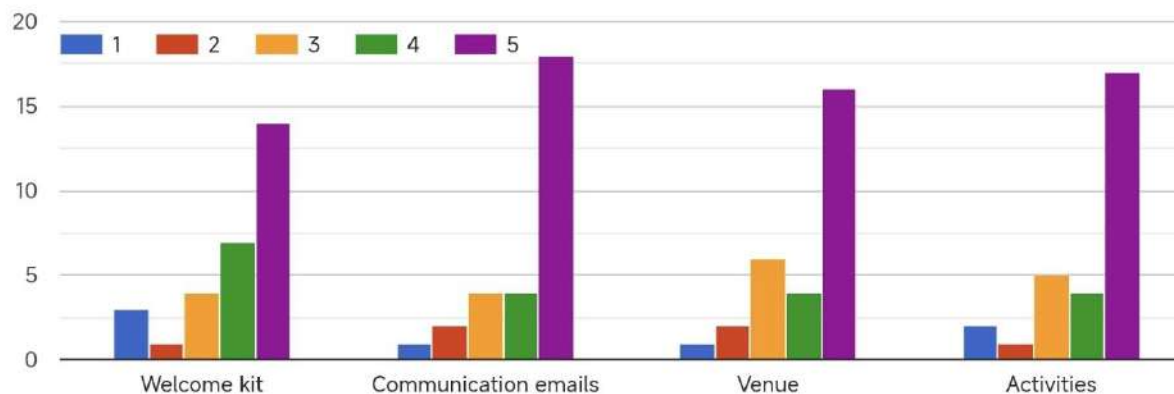
Name of the Institution:

29 responses



How satisfied were you with the logistics?

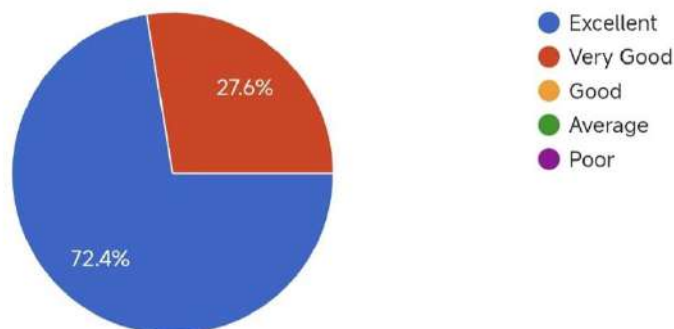
 [Copy chart](#)



Were the objectives of the symposium fulfilled through deliberation and presentation sessions? Rate your view:

 [Copy chart](#)

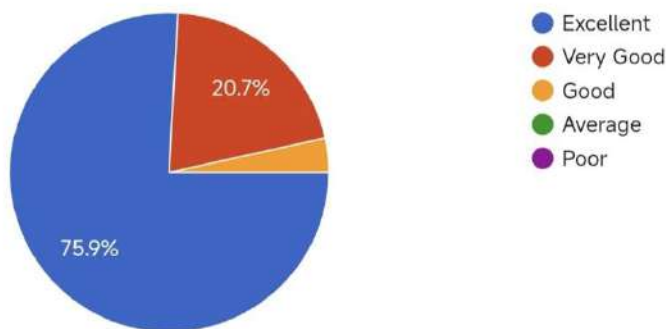
29 responses



Rate the overall management of the event:

 [Copy chart](#)

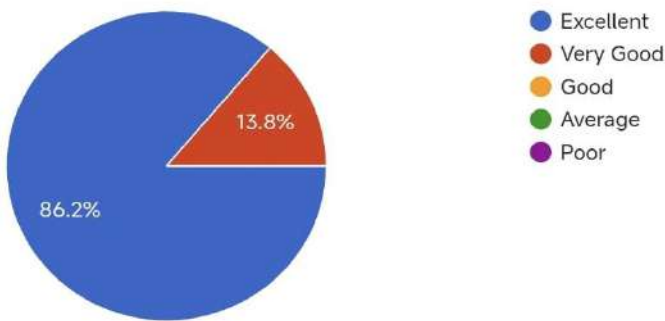
29 responses



How would you rate the event as a need-based academic initiative?

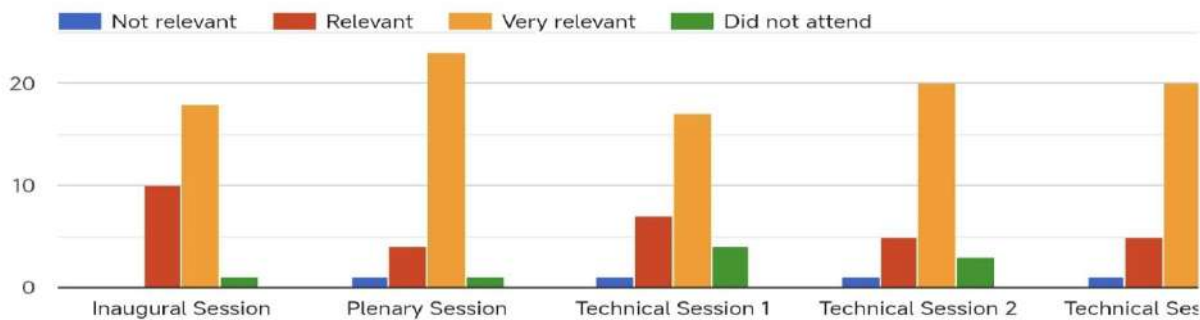
[Copy chart](#)

29 responses



Which sessions did you find most relevant?

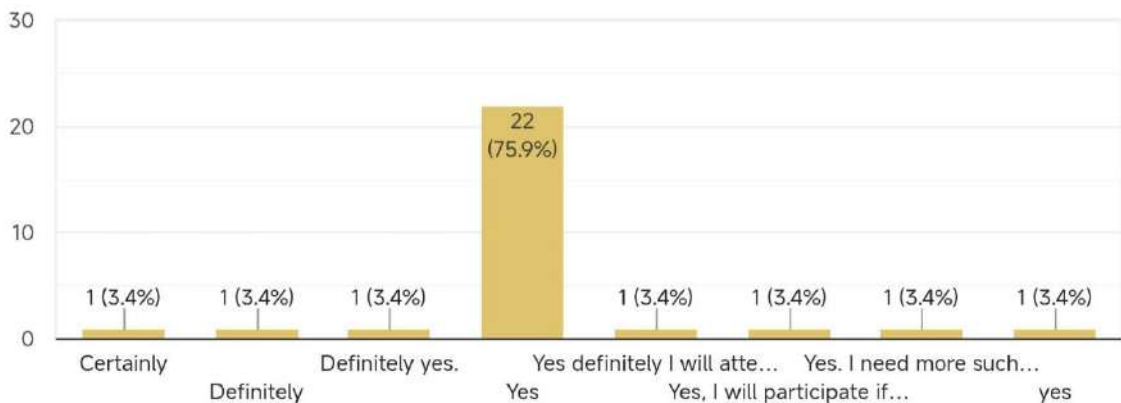
[Copy chart](#)



Will you participate if such events are organized in the future?

[Copy chart](#)

29 responses



Programme Schedule:



Two-Day International Symposium
On
Education 5.0: Expected Roles of Teachers & Learners
Organized by
Department of Education, School of Education
Netaji Subhas Open University

Date: 22 & 23 August 2025

Venue: Seminar Hall, SoE, Kalyani RC, NSOU

PROGRAMME SCHEDULE

Day-1: 22nd August 2025, Friday

Registration: 10.00 – 10.45 AM	
INAUGURAL SESSION 10.45 a.m. to 1.00 p.m.	
Welcome Address 10.45 a.m. to 10.55 a.m.	Dr. Papiya Upadhyay Asst. Prof of Education, SoE, NSOU Convener, International Symposium
About the Symposium 10.55 a.m. to 11.00 a.m.	Prof. Sibaprasad De SoE, NSOU
Keynote Address 11.00 a.m. to 11.45 a.m.	Prof. K. Ferreira-Meyers Coordinator, Linguistics and Modern Languages/Literature Institute of Distance Education University of Eswatini, Eswatini Title: The polyglot architect: reimagining language education in education 5.0 with AI as catalyst
Address by the Guest of Honour 11.45 a.m. to 12.30 p.m.	Prof. Pradeep Kumar Misra Ph.D., Fulbright Fellow, Commonwealth Academic Fellow, DAAD Fellow Director, (CPRHE-NIEPA), New Delhi Title: Human-centric Approach in the era of Education 5.0
Presidential Address 12.30 p.m. to 12.40 p.m.	Prof. D. P. Nag Chowdhury Director, SoE, NSOU
Vote of Thanks 12.40 p.m. to 12.45 p.m.	Dr. Parimal Sarkar Asst. Prof of Education, SoE, NSOU Convener, International Symposium
Comperre: Shantanu Saha, Research Scholar & Sudipta Karmakar, Research Assistant, SoE, NSOU	
Tea Break 12.45 p.m. to 1.00 p.m.	

Day 1 Continue

Plenary Session 1.00 p.m. to 1.30 p.m.	
Coordinator & Rapporteur Santanu Patra	Speaker: Prof. Bijan Sarkar Department of Education, University of Kalyani, Kalyani, W.B. Title: Modern Learning Ecosystem in Education 5.0
Lunch Time: 1.30 p.m. to 2.15 p.m.	

Technical Session 1 <i>Chairperson: Prof. D. P. Nag Chowdhury, Director, SoE, NSOU</i> Coordinator & Rapporteur: Subrata Naskar Time: 2.15 p.m. to 3.15 p.m.		
Name of the Participants		Title of Presentation
1	Suvankar Biswas	<i>The role of metacognition and self-regulation in enhancing learning and performance</i>
2	Tridib Roy Choudhury	<i>Psychological well-being and mental health equity in education 5.0: supporting SEDG learners for transformative impact</i>
3	Madhura Roy Chowdhury	<i>An inquiry into technology and its implications for contemporary learning</i>
4	Sudipta Karmakar	<i>Safeguarding Youth: The Educator's Role in the Digital Classroom</i>
5	Dr Rudrashis Datta	<i>Learning English as a Second Language in the Era of Education 5.0: Opportunities and Challenges</i>
6	Jayanta Majumder	<i>A review on harnessing AI: West Bengal teachers as facilitators of intelligent learning tools for skill development</i>
7	Anindita Bachhar	<i>Challenging role of teachers in personalized learning environments and in promoting digital well-being</i>

Day 1 Continue

Technical Session 2 <i>Chairperson: Prof. Sibaprasad De, SoE, NSOU</i> Coordinator & Rapporteur: Subhasree Pal Time: 3.15 p.m. to 4.15 p.m.		
Name of the Presenters		Title of Presentation
1	Santanu Patra, Subrata Naskar & Dr. Papiya Upadhyay	<i>The transforming role of teachers in blended learning</i>
2	Saikat Das	<i>Meta Cognitive Awareness of Reading Processes and Strategies Applied for Meaning Making</i>

3	Debasish Sarkar	<i>Enhancing Digital literacy Skills among students for Effective Teaching learning process through the Lens of Self-Directed learning – A case study of West Bengal</i>
4	Souvik Paul & Dr. Biswajit Chatterjee	<i>Instagram and Teen Ethics: Navigating the Dynamics of a Virtual Social Landscape</i>
5	Dr. Rakesh Manna & Dr. Arindam Bhattacharyya	<i>Strengthening AI Ethical Guidelines for Qualitative Transformation of Indian Higher Education in View of NEP 2020</i>
6	Debkanta Halder	<i>The Compass for Tomorrow's Learner: Libraries, Librarians, and the Demands of Education 5.0.</i>
7	Nilanjan Bala	<i>Implementing the Integrative Pedagogical Technology (IPT) Framework: Field- Based Insights for Advancing Technology-Integrated Interdisciplinary Pedagogy in Education 5.0</i>

Day-2

23rd August 2025, Saturday

Summary of Day-1: Swapna Deb, Research Scholar, SoE, NSOU 10.45 a.m. to 11:00 a.m.		
Technical Session 3 Chairperson: Dr. Parimal Sarkar Coordinator & Rapporteur: Jayanta Majumder 11.00 a.m. to 12.15 p.m.		
	Name of the Presenters	Title of Presentation
1	Santu Biswas & Prof. Arjun Ch. Das	<i>Social intelligence and mental health among scheduled caste students: challenges and coping mechanisms in educational institutions</i>
2.	Sardiya Sultana & Dr. Papiya Upadhyay	<i>Unlocking Potential: Collaborative Digital Learning and Girls' Academic Triumph</i>
3	Gopal Adhikari	<i>Teacher Guidance and Creative Problem Solving in Education (5.0)</i>
4	Susan James	<i>Collaborative lesson planning: enhancing inclusion in mainstream classrooms</i>
5	Manami Bhadra, Shri Vinay Kumar & Jangjilong Iyer	<i>Experiential Learning in the development of employability skills and career readiness</i>
6	Manjila Bhutia	<i>From technology to humanity: tracing the evolution of education from 1.0 to 5.0</i>
7	Dr. Abhedananda Panigrahi	<i>Ethical Issues and Competency for Special Educators: A Critical Review</i>

Day-2 Continue

Technical Session 4 Chairperson: Prof. Sibaprasad De Coordinator & Rapporteur: Sudipta Karmakar 12.15 p.m. to 1.30 p.m.		
Name of the Presenters		Title of Presentation
1	Dr. Piyali Ghosh	<i>Impact of Emotional Intelligence of Teachers in Education 5.0</i>
2	Dr. Sumedha Banerjee	<i>Emerging Roles of Teachers in Modern Education and Society</i>
3	Deepak Kumar & Prof. (Dr.) Poonam Gaur	<i>Pilot Study to Know the Effectiveness of Art Integrated Learning as Pedagogy from In -Service Teachers (At Secondary Level) of Delhi Schools</i>
4	Dr. Jyoti Nath & Abhijit Roy	<i>Artificial Intelligence in Education of Teaching and Teacher Professional Development</i>
5	Mintu Bhattacharya & Arindam Guha	<i>Effect Of Classroom Behaviour for Children with Special Needs in School Settings</i>
6	Sandip Basu Roy	<i>Cultivating Creativity and Critical Thinking by Learner Centric AI Generative Interactive Class</i>
7	Saheb Kazi	<i>A study on the relationship between professional adjustment And professional ethics of elementary school teachers in West Bengal.</i>

Lunch Time: 1.30 p.m. to 2.15 p.m.

Day-2 Continue

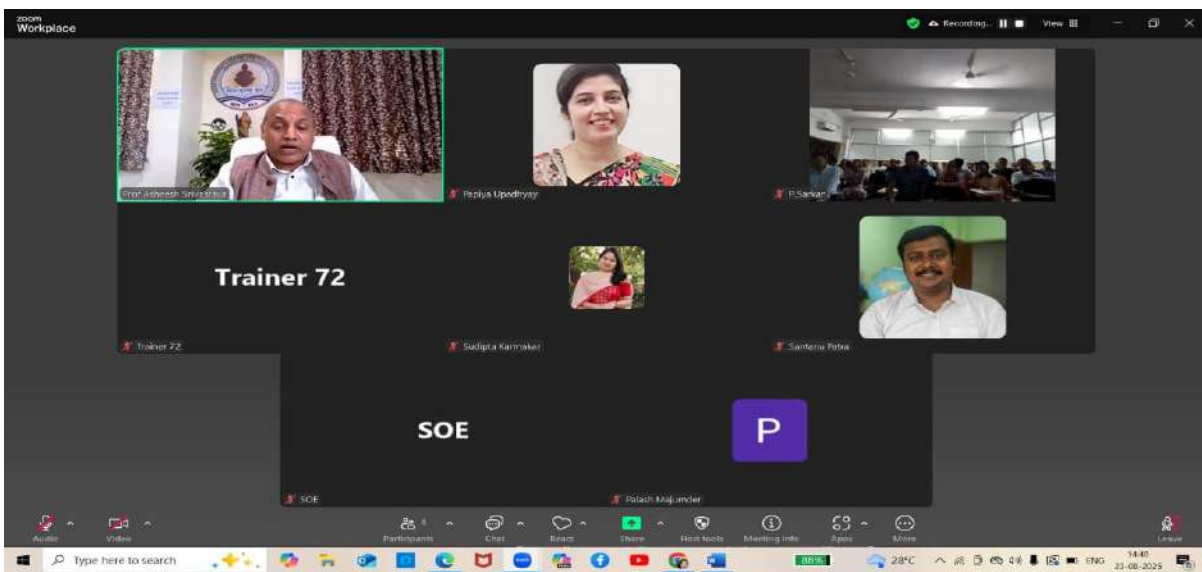
Technical Session 4 (Parallel Online Presentation) Chairperson: Dr. Papiya Upadhyay Coordinator & Rapporteur: Subrata Naskar 12.15 p.m. to 2.30 p.m.		
Name of the Presenters		Title of Presentation
1	Dr. Sonali Roy Chowdhury Ghosh	<i>Promoting self-directed learning for future readiness</i>
2	Dr. Pranay Pandey	<i>Redefining the Roles of Teachers and Learners in the Human-Centric Paradigm of Education 5.0</i>
3	Partha Sarathi Sarkar	<i>Guideline for Teacher-Student Interaction in the AI Age</i>
4	Palash Majumder, Dr. Nimisha Beri & Salil Biswas	<i>Integrated AI Solutions for Fostering Joyful Learning, Enhancing Engagement, and Mitigating Absenteeism in Secondary ESL Contexts</i>
5	Dr. Arnab Kumar Dutta	<i>Sustainable learning through techno-emotive pedagogy: A conceptual framework for an Inclusive environment</i>
6	Swarup Rana	<i>The Role of Teachers in Shaping Civic Engagement and Political Literacy in Education 5.0</i>

7	Mira Mandal	<i>Pedagogical Shifts in Education 5.0: From Content Delivery to Learner-Centered Facilitation</i>
8	Dr. Chandan Mandal	<i>Fostering Critical Thinking and Self-Directed Learning in Classical Language Education</i>
9	Amit Kumar Bhunia	<i>Teacher as Facilitator: Promoting Social Competencies and Digital Well-being in Education 5.0</i>
10	Dr. Subhankar Sengupta	<i>Encouraging Independent Thinking: The Role of Teachers in Facilitating Historical Inquiry in the Digital Age</i>
11	Soma Mishra	<i>Developing Socio-Emotional Skills in Sanskrit Education Through Facilitated Learning Approaches</i>
12	Avijit Maity	<i>Empowering Learners Through Personalized Learning Environments: Teacher Facilitation in the Digital Era</i>
13	Tanusri Samanta	<i>Ethical Considerations in Teacher Facilitation in Technology-Rich Learning Environments</i>
14	Piu Mondal	<i>Teacher's Role in Promoting Creative and Critical Thinking Skills in Bengali Language Education</i>
15	Debasmita Kundu	<i>Teacher Autonomy and Innovation: Facilitating Pedagogical Leadership in a Globalized Education 5.0 Classroom</i>
16	Susanta Kumar Giri	<i>Facilitating Active Participation and Critical Thinking in Chemistry Education Through Self-Directed Learning</i>
17	Dr. Basudeb Das	<i>The Role of Teachers in Curating AI-Driven Learning Tools for Sanskrit Education</i>

Valedictory Session Coordinator & Rapporteur: Shantanu Saha 2.15 p.m. to 4:00 p.m.	
Summarizing the Symposium 2.15 p.m. to 2.30 p.m.	Prof. Sibaprasad De, SoE, NSOU
Valedictory Address 2.30 p.m. to 3.00 p.m.	Speaker: Prof. Asheesh Srivastava Professor, Higher Education Policy & Dean of Academic & Research, IUCTE-BHU, Varanasi. Title: The Metamorphosis of Education: Cultivating Human Potential in the 5.0 Era
Vote of thanks 3.00 p.m. to 3.15 p.m.	Ms. Priya Topno
3.15 p.m. to 4:00 p.m.	Feedback & Certificate Distribution

Glimpses of the Symposium:







Report Prepared by
 Dr. P. Upadhyay, Mr. Shantanu Saha & Ms. Sudipta Karmakar
 International Symposium Organizing Team
 Dept. of Education, SoE, NSOU