

2nd NATIONAL SEMINAR
On
“INDIA’S INDIGENOUS
KNOWLEDGE, DIGITAL PEDAGOGY
AND SELF RELIANCE: HIGHER
EDUCATION AS A CATALYST FOR
VIKSIT BHARAT@2047”

(Online Mode)

On 21.02.2026 (Saturday)

Organized by: IQAC of Govt.
Degree College, Sugh-Bhatoli,
Dist. Kangra (HP)



INTRODUCTION

The history of Govt. Degree College Sugh-Bhatoli goes back to July 1992 when the Saint- Faqir Chand - a man of foresightedness and immense wisdom reflecting his true service to humanity, established the same as Deen Dyal Mahesh Public College. A real applause goes to the sacred soul, public representatives, local and staff whose abundant efforts proved when the college was taken over by the Govt. of Himachal Pradesh as Government Degree College Sugh Bhatoli, Kangra (H.P.), in August 2016. UGC has given recognition to the college under Section 2(f) of the UGC Act, 1956 in July 2023. Since inception, the College has been imparting education to underprivileged remote and rural area students. It is pertinent to mention here that Himachal Pradesh is least urbanised state; the institution is fulfilling the aspirations of the youth of rural area in getting their higher education dreams. It is also fulfilling the universalization of higher education needs, one of the prominent goals of the Govt. of India particularly in the rural and remote areas.

As India envisions becoming a developed nation by 2047—marking 100 years of independence-the concept of Viksit Bharat encapsulates the

Nation’s commitment to inclusive growth, innovation, cultural preservation, and sustainable development. In this transformative journey, higher education plays a pivotal role in shaping human capital capable of integrating tradition with technology, values with vision, and local wisdom with global competence. India’s indigenous knowledge systems (IKS)—rooted in centuries of experiential learning, ecological balance, and holistic understanding—offer profound insights into sustainable living and ethical progress. However, these systems often remain marginalized within mainstream academic frameworks. The emergence of digital pedagogy, driven by rapid technological advancements, provides an unprecedented opportunity to revitalize and disseminate this knowledge, making education more accessible, interactive, and contextually relevant.

RATIONALE:

The intersection of indigenous knowledge, digital innovation, and self-reliance forms a fertile ground for re-imagining higher education as a catalyst for national transformation. Integrating indigenous epistemology into curricula, supported by digital platforms, can nurture creativity, critical thinking, and community engagement skills essential for building an Atmanirbhar Bharat. A multidisciplinary approach is essential to explore how diverse fields ranging from science, technology, humanities, and social sciences to agriculture, health, and management can collectively contribute to the vision of Viksit Bharat@2047. This seminar seeks to foster dialogue, collaboration, and policy-oriented discussions among educators, researchers, industry leaders, and policymakers.

OBJECTIVES:

1. To explore the role of India’s indigenous knowledge systems in shaping contemporary education and innovation.
2. To examine the potential of digital pedagogy in promoting inclusive, flexible, and context-based learning.
3. To analyze how higher education can contribute to the vision of Viksit Bharat@2047 through research, innovation, and community engagement.

4. To encourage multidisciplinary collaborations for sustainable and culturally grounded development.

5. To formulate recommendations for integrating India's indigenous knowledge and digital tools into higher education policy and practice.

THEMES AND SUB-THEMES FOR NATIONAL SEMINAR:

Main Topic/Theme:

"INDIA'S INDIGENOUS KNOWLEDGE, DIGITAL PEDAGOGY, AND SELF-RELIANCE: HIGHER EDUCATION AS A CATALYST FOR VIKSIT BHARAT@2047"

Theme-I: India's Indigenous Knowledge Systems and Indian Knowledge Traditions

Sub-Themes:

- Revival and integration of traditional knowledge in modern curriculum
- Indigenous science, mathematics, medicine, and environmental practices
- Role of local languages and dialects in preserving knowledge
- Traditional arts, crafts, and cultural education
- Indigenous knowledge and sustainable development
- Decolonizing education through Indian epistemologies
- Role of NEP 2020 in mainstreaming Indian Knowledge Systems

Theme-II: Digital Pedagogy and Innovation in Teaching-Learning

Sub-Themes:

- Role of AI, AR/VR, and emerging technologies in education
- Digital inclusion and bridging the digital divide
- MOOCs, SWAYAM, and e-content development
- Digital tools for assessment and evaluation
- Capacity building and teacher training in digital pedagogy
- Cyber security and data ethics in education
- Leveraging digital platforms for inclusive and accessible learning

Theme-III: Self-Reliance(Atmanirbhar Bharat) and Higher Education

Sub-Themes:

- Skill development, entrepreneurship, and innovation in HEIs
- Start-up culture and incubation in universities

-Role of higher education in local economic development

-Industry-academia collaborations for self-reliance

-Promoting Make-in-India and Design-in-India through education

-Education for employability and future-readiness

-Vocational education and experiential learning models

Theme-IV: Higher Education as an Engine for Viksit Bharat@2047

Sub-Themes:

- Vision 2047: Reimagining universities for the future
- Internationalization of higher education
- Outcome-based education and global benchmarks
- Sustainable development goals (SDGs) and higher education
- Governance, leadership, and policy reforms in HEIs
- Role of research and innovation in national development
- Equity, inclusion, and access in the future education landscape

Theme-V: Policy Frameworks and Roadmaps for Transformation

Sub-Themes:

- NEP 2020 and roadmap to Viksit Bharat@2047
- Multidisciplinary education and academic flexibility
- Role of regulatory bodies (UGC, AICTE, NAAC, etc.) in transformation
- Institutional autonomy, accreditation, and quality assurance
- Public-private partnerships in higher education
- Community engagement and social responsibility of HEIs

Theme-VI: Related Dimensions/Broader Perspectives/Emerging Issues and Challenges

Sub-Themes:

- Technology, Defence and Development: Driving Forces for Viksit Bharat @ 2047
- Empowering Atmanirbhar Bharat: Harnessing India's Semiconductor and Defence Capabilities
- Traditional knowledge and intellectual property rights
- Gender, technology, and inclusion in higher education
- Blending traditional wisdom with modern scientific research

- Ethical implications of AI in education
- Community participation in higher education reforms
- Environmental ethics and indigenous practices
- Preservation of indigenous knowledge in the digital era
- Balancing globalization and localization in curricula
- Overcoming digital divides in higher education
- Technology Integration for Inclusive and Equitable Learning
- Local Wisdom and Global Competence: Bridging the Knowledge Divide
- Role of Research, Skill Development, and Entrepreneurship in Nation Building
- Case Studies and Best Practices from Various Disciplines

EXPECTED OUTCOMES:

- Enhanced awareness of the relevance of India's indigenous knowledge in the digital age.
- Frameworks and strategies for integrating IKS and digital pedagogy in higher education curricula.
- Policy recommendations for fostering selfreliance and innovation in academic institutions.
- Strengthened networks among scholars, educators, and policymakers for collaborative initiatives toward Viksit Bharat@2047.

EMINENT SPEAKERS:

- Dr. A. Gangatharan, Professor,**
Department of History, Faculty of Social Sciences, B.H.U. Varanasi.
- Dr. Mayank Kumar, Associate Professor of History, Indira Gandhi National Open University, New Delhi.**
- Dr. Madhukar Gampala, Associate Professor, Dept. of Education, North-Eastern Hill University (A Central University), Tura Campus, Meghalaya.**
- Dr. Sangita Yadav, Associate Professor, Department of Mathematics, BITS Pilani.**

TENTATIVE SESSION-WISE PROGRAMME:

Date: 21-02-2026

Mode- Online

ONE-DAY SCHEDULE:

09:30 – 10:30 AM: Inaugural Session(Invocation, Welcome Address by Convener, Introductory Remarks by Seminar Coordinator, Inaugural Address by the Patron, Release of Seminar Abstract Souvenir, Vote of Thanks)

10:30 – 11:00 AM: Keynote Address by Keynote Speaker: Dr. A. Gangatharan, Professor Department of History, Faculty of Social Sciences, B.H.U.Varanasi.

11:00 – 11:15 AM: Tea Break

11:15 AM – 01:15 PM: Plenary Session

1. India's Indigenous Knowledge Systems and their Contemporary Relevance by Dr. Mayank Kumar, Associate Professor of History, Indira Gandhi National Open University, New Delhi

2. Digital Pedagogy and Self-Reliance in Higher Education by Dr Sangita Yadav, Associate Professor, Department of Mathematics, BITS Pilani and by Dr.Madhukar Gampala, Associate Professor, Department of Education, North-Eastern Hill University (A Central University), Tura Campus, Meghalaya.

01:15 – 02:00 PM: Lunch Break

02:00 – 04:00 PM: Technical Sessions (Parallel Paper Presentations), Six Simultaneous Online Sessions :

Technical Session I: Indigenous Knowledge Systems and Indian Knowledge Traditions,

Technical Session II: Digital Pedagogy and Innovation in Teaching-Learning,

Technical Session III: Self-Reliance (Atmanirbhar Bharat) and Higher Education,

Technical Session IV: Higher Education as an Engine for Viksit Bharat@2047,

Technical Session V: Policy Frameworks and Roadmaps for Transformation,

Technical Session VI: Related Dimensions / Broader Perspectives/Emerging Issues and Challenges.

Note: Each technical session will include presentations and discussions.

04:00 – 04:15 PM: Tea Break

04:15 – 05:30 PM: Valedictory Session

SUMMARY:

Inaugural & Keynote speaker: 1
Invited Speakers: 3(One Plenary Session)
Technical Sessions: 6 (to be conducted simultaneously), Total Duration: One full day (9:30 AM – 05:30 PM)

ORGANIZING COMMITTEE:

- 1. Patron:** Principal
- 2. Coordinator:** Sh. Shashi Bhushan, Associate Professor of Economics
- 3. Convener:** Dr. Rohit Gandhi, Assistant Professor of Maths
- 4. Co-conveners:**
 - a.** Ms. Bhavna Kumari, Assistant Professor of English
 - b.** Sh. Jagan Singh, Assistant Professor of Commerce
 - c.** Dr. Shikha Rana, Assistant Professor of Physics
- 5. Organizing Secretaries:**
 - a.** Sh. Shivendra Srivastava, Assistant Professor of History
 - b.** Ms. Saroti,, Assistant Prof. of Commerce

TECHNICAL ADVISORY COMMITTEE:

- 1. Dr. Dinesh Kumar, Principal, GDC Jawali, Dist. Kangra, HP.**
- 2. Dr. Ajay Kumar, Principal, Govt. College Daulatpur Chownk, Una.**
- 3. Dr. Sushil Kumar Singh, Associate Professor, Nagaland Central University, Nagaland.**
- 4. Dr. Rajesh Attri, Associate Professor (Retd.), Department of Higher Education, HP.**
- 5. Dr. Rakesh Kumar, Associate Professor of Botany, Government Arya Degree College Nurpur, Dist. Kangra, HP**

Guidelines for Abstract and Paper Submission:

- Abstract (not more than 200-250 words including key words) should be typed using Times New Romans, 12 point and line spacing 1.5
- Title (14 point, bold and centered)
- Presenting author (12 point, centered), institution & department name with email.
- Paper length: 2500-3000 words, should be submitted by e-mail to:
gdcseminarsughbhatoli@gmail.com

How to Participate in Seminar ?

Interested teachers and students can register by clicking on the link as given below: <https://forms.gle/HnvyedUvStJvMz7w6>

Fees Details

For Teachers/ Professionals	Fee for Research Scholars/ Students
₹ 300/ (Rs. Three Hundred Only)	₹150/ (Rs One Hundred Fifty Only)

Fee can be deposited into the following Account Number

Account Name: Principal, Govt. Degree College, Sugh-Bhatoli

A/C Number: 50100773861572

Bank Name: HDFC Bank Ltd

Branch Name: Indora

IFSC Code: HDFC0008203

Important Timelines:

Registration Opens

15th January 2026

Abstract Submission Closes

5th February 2026

Notification of Acceptance

10th February 2026

Full Paper Submission Closes

15th February 2026

For any query, please contact:

Email: gdcseminarsughbhatoli@gmail.com

Phone: 9988018295, 8263829966, 8924898825

Website: www.gdcughbhatoli.ac.in

Note: Selected papers will be published in an edited book with ISBN number.