



31<sup>st</sup> AUGUST,  
2024

**A REPORT ON ONE DAY NATIONAL SEMINAR:**  
**“INTEGRATING INDIAN KNOWLEDGE SYSTEM IN**  
**TECHNICAL & HIGHER EDUCATION: ALIGNING**  
**WITH NEP 2020 AND NAAC REFORMS”**

**ORGANIZED BY**

**in Association with IQAC SARALA BIRLA UNIVERSITY & in**  
**Collaboration with NIT Jamshedpur**

**Date: 31<sup>st</sup> August 2024.**

**New Auditorium**

**SARALA BIRLA UNIVERSITY**  
**BIRLA KNOWLEDGE CITY, MAHILONG, RANCHI**

## BACKGROUND OF THE PROGRAMME

**O**ver the past decade, there has been an increasing interest in India thought and wisdom as the flaws and limitations of the current model of individual and societal development have become apparent. Concepts such as sustainability, inclusivity, and values have gained prominence, leading to a surge of interest and initiatives in exploring and comprehending the knowledge traditions of ancient India, which were built upon these very principles. The National Education Policy (NEP) 2020 and NAAC reforms aligns with this spirit, emphasizing the importance of integrating Indian Knowledge Systems (IKS) into the national curriculum and pedagogy, as well as fostering genuine research and innovation in this field to address the challenges and concerns of the 21st century. Therefore, this seminar has been specially curated, towards implementing and integrating India wisdom into regular curriculum and encouraging and guiding, scholars and researchers, industry people, academicians and students.

It is in the environment of the society and linguistic community that the structure of a person's personality, knowledge, curiosity, and needs is formed, which is related to the ethnic history, cultural consciousness, occupation, and literary rites and ethos of that community. Through them, educational facts are enhanced, our new generation becomes easily familiar with cultural values. The combination of education, business and culture in the society orients it towards innovation and also paves the way for development. This development can be further enhanced if we are familiar with our basic knowledge. Basic knowledge refers to the Indian knowledge system. There are many mysteries of Indian knowledge on which a lot needs to be known, researched and tested. Keeping these special contexts and issues in mind, a seminar is being organized by IQAC, SBU and NIT JSR. The theme of the seminar is 'Integrating Indian Knowledge System in Technical Higher Education: Aligning with NEP 2020 and NAAC Reforms'. We believe that academicians, research scholars and students will definitely benefit from the deliberations of this event.

The Sarala Birla University of Ranchi, Jharkhand hosted a one day Seminar on “INTEGRATING INDIAN KNOWLEDGE SYSTEM IN TECHNICAL & HIGHER EDUCATION: ALIGNING WITH NEP 2020 AND NAAC REFORMS” organized by IQAC, in collaboration with NIT Jamshedpur on 31st August 2024. The objective of the seminar was to provide a platform to have a healthy and productive interaction on IKS and its applicability through course outcome. Discussions on adding Indian knowledge system to the curriculum which have not been addressed so far and important information was given on how India's wealth can be commercialized by combining it with innovation and technology.

The Programme was organized under the chairmanship of of Honourable Chancellor, Mrs Jayashree Mohta, Honourable Pro-Chancellor Shree B.K. Dalan, Honourable Chief Patron, Dr Pradip Kumar Verma,( Honourable M.P Rajyasabha) Honourable Director General & Parton Dr. Gopal Pathak and Professor Goutam Sutradhar ,Director NIT Jamshedpur, Co-Patro Hon'ble, Acting Vice-Chancellor, SBU, Ranchi, Prof. S.B. Dandin,& Respected Registrar, Prof. V.K. Singh.

## INAUGURAL SESSION

On 31 August 2024, the inaugural session of the seminar titled Integrating Indian Knowledge System in Technical and Higher Education: Aligning with NEP 2020 and NAAC Reforms, 2024, started at 11:15 a.m. by Dr. Arohi Anand, welcoming all the respective dignitaries. She highlighted the seminar theme as “Integrating Indian Knowledge System in Technical & Higher Education: Aligning with NEP-2020 and NAAC Reforms.” The dignitaries lit up the Lamp and recited the University Kulgeet, and then the Introduction and felicitation of the dignitaries began on the stage.



**Lighting the Lamp**



**Dr. Sandeep Kumar, Director IQAC and Dean, Commerce & Business Management, SBU, Ranchi**

**Welcome Address & Brief of Seminar by Dr. Sandeep Kumar, Director IQAC and Dean, Commerce & Business Management SBU, Ranchi.**

Dr. Sandeep Kumar, Director of UQAC and Dean, Commerce & Business Management SBU, Ranchi gave a welcome address & brief of the seminar. He highlighted the main key points of the seminar and mentioned the MoU between SBU, Ranchi and NIT Jamshedpur for research

and collaboration. He said that traditional knowledge and philosophy should be integrated into the higher education academic environment. He emphasizes on the implementation of traditional knowledge with modern scientific and technical education systems. He also said that Indian knowledge system can enhance the academic progress, and showcase innovative approach to the higher education in national as well as international platform.



Prof Neelima Pathak, Dean, Humanities and linguistics, Sarala Birla University, Ranchi

### **Words of wisdom by Dr. Neelima Pathak, Dean, Humanities and linguistics, yoga & Naturopathy, Sarala Birla University, Ranchi**

Words of wisdom delivered by Dr. Neelima Pathak, Dean, of Humanities and Linguistics, Yoga & Naturopathy, SBU Ranchi. She said भारतीय ज्ञान परम्परा is the combination of mind, body, and spirit मन, शरीर, और आत्मा. It forms by व्यक्ति, परिवार, समाज और देश. She said that true values need to be inculcated in human life. Ved and Upanishad enrich us with true knowledge and true knowledge gives us freedom, showing the path of Mukti. In the traditional education system, Sanskar (Cultute) is also very important. She highlighted the fact that how Britishers ruined the Indian traditional education system and destroyed the Sanskrit language. In Indian knowledge Sanskrit is considered pure and called “Sur Bharati” She mentioned NASA’s use of Sanskrit as an apt language, Sanskrit's grammatical structure makes it a good contender for programming languages or artificial intelligence because it is less ambiguous than modern languages. She also mentioned the great Indian scientists C. V. Raman, Jagadish Chandra Bose, Homi J. Bhabha, Jagadish Chandra Bose, A. P. J. Abdul Kalam, Meghnad Saha, and G. N. Ramachandran etc. to name a few who contributed in Indian Knowledge system.

### **Address by Hon'ble Keynote Speaker, Prof. Gautam Sutradhar, Director, NIT Jamshedpur**



Prof. Gautam Sutradhar, Patron & Keynote Speaker, Director, NIT Jamshedpur

Next, Hon’ble keynote speaker, Prof. Gautam Sutradhar, Director, NIT Jamshedpur gave his speech. He introduces the theme of his topic and mentions a quote by Nelson Mandela "Destroying

any nation does not require the use of atomic bombs or the use of long-range missiles. The collapse of education is the collapse of the nation. He emphasises rich heritage of Indian culture, he highlights how the Mughals and Britishers ruined our original knowledge system. He further talks about IKS incorporating in the curriculum. Tribal natural farming, medicine, and culture should be properly documented. Ethical, spiritual, moral, and holistic development is important. He talks about the Nalanda and Takshashila which were educational hubs of the traditional education system. UGC said that 5% of the curriculum should be the Indian knowledge system. In the modern education system, there is a need for environmental and forest management, ethical and moral development, a specialized teacher training system, multi-entry, multi-exit system, internship, and practical study more than theory class, focusing on students leadership quality.

**Address by Respected Registrar, SBU, Prof. V. K. Singh**



**Prof. V.K. Singh, Registrar, Sarala Birla University, Ranchi.**

Respected registrar, Prof. V. K. Singh, Sarala Birla University addressed the audience. He talked about 4 years of challenges of IKS and its implementation. He informed us about the committee that formed NEP-2020 and its background. He also talked about social responsibility, Environmental development or protection, and holistic development. He further added how to make the students stand in global platform and helping the students to become as a Global citizen.

**Address by Hon'ble, Acting Vice-Chancellor, SBU, Ranchi, Prof. S.B. Dandin,**



**Prof. S.B. Dandin, Co-Patron & Hon'ble Acting Vice-Chancellor, Sarala Birla University, Ranchi**

Hon'ble Acting Vice-Chancellor, Prof. S. B. Dandin, SBU, Ranchi, gave his speech. He talks about the training of the mind, the connection of body, mind, and spirit of truth. Developing character, personality, and well-being. He emphasises introspection, the process of thinking, memory, reason, and service for others. He highlights the source of knowledge is perception.



**Address by Hon'ble, Director General, SBU, Ranchi, Prof. Gopal Pathak.**



**Prof. Gopal Pathak, Patron & Hon'ble Director General, Sarala Birla University, Ranchi.**

Hon'ble Director General, SBU Ranchi, Prof. Gopal Pathak gave his speech talking about how the British education system destroyed the Sanskrit language. Recalling history, he told that how Macauley destroyed our entire education system in just two years and how we lost power of the education system. He advised to be a good teacher. Learn the good things of Europe and also maintain your own identity. In this way we could preserve our IKS. He emphasised to integrating character building, honesty, values and awareness in modern education. He ended his speech with the restoration of Indian culture through IKS.

**Address by Hon'ble Chief Guest, Shri Swami Bhaveshananda, Secretary, Ramakrishna Mission Ashrama, Ranchi.**



**Swami Bhaveshananda, Keynote Speaker, Secretary, Ramakrishna Mission Ashrama, Ranchi**

Hon'ble Chief Guest, Shri Swami Bhaveshananda, Secretary, Ramakrishna Mission Ashram, Ranchi addressed the gathering with his mesmerizing speech infused with wisdom and knowledge of Indian culture. He shared how Macauley closed down the Gurukul System of India. All the arts of living were present in the Gurukul System of India, he added. He talked about the significance of 'energy', words and way of life where he defined a traditional educational system and its holistic approach. Education doesn't mean only theoretical knowledge but also technology and inventions, he explained.

In the end, a Vote of thanks by Dr. Gautam Tanty, Associate Dean, Commerce & Business Management and member of IQAC, SBU, Ranchi at 12:55 p.m. and the first-half session which is the inaugural session ended with the singing national anthem.

## **TECHNICAL SESSION**

The Technical session of the seminar titled Integrating Indian Knowledge System in Technical and Higher Education: Aligning with NEP 2020 and NAAC Reforms, 2024, started at 03:00 p.m. by Dr. Vidya Jha, introduced all the respective dignitaries and welcomed them on the stage.

Welcome Address was given by Dr. B. Samanta, Associate Dean, Engineering & Comp. Sc. and member of IQAC. He welcomed all four eminent speakers and explained the theme of technical session, “second session was divided into two distinguish technical sessions where first session’s theme was “Integration of India wisdom” and second technical session’s theme was “Indigenous knowledge and Environment”, he explained.

### **Topic: The Contribution of Indian Knowledge System in linguistics"**



**Dr Raj Kumar Sharma, Associate Professor, English and Principal, Doranda College UGC-IKS Master Trainer, Ranchi University, Ranchi.**

Firstly he drew attention towards the importance of interest for IKS. He said,” most of the faculty members across India not showing interest towards this IKS draft. He explained that we should develop the syllabus of IKS to be included in different disciplines. Source of IKS is Indic, Arabic and Greeko Roman. vedic Sanskrit plays and important role for other laterally coming languages. India was served as a center of knowledge and many things like Number system and symbols used in number system has been taken from Arabic world. He mentioned the three important points regarding IKS which were, IKS as the Renaissance in academic world, IKS as the Harbinger of global peace and IKS as the agency of transformation.

**Topic: Integration of Bhartiya Gyan Parampara ( IKS) with Modern Scientific Approaches : NEP 2020"**



**Dr. Smriti Singh, Deputy Director, Vocational Course and Asst. Professor, PG Dept. of Chemistry, UGC-IKS Master Trainer, Ranchi University, Ranchi.**

She explained about the heritage, Researcher, geometry and chemistry of India. Emphasizing on the knowledge system she said, “ we have indigenous knowledge and language in Jharkhand and we must include it in IKS”. She recalled about the power of IKS and said India was actively to the field of science and technology long before. Further she added about the two pillars of IKS i.e. Philosophy and Science. She also talked about the Six schools of IKS. IKS is a label given to a collection of interconnected discipline is a reality of IKS over the myth that IKS is a subject/ discipline.

**Topic: "Importance of Indian Knowledge System in Science & Technology education as per NEP 2020 and NAAC Reforms"**



**Dr Md. Hassan, Associate Professor, Department of Mechanical Engineering, NIT Jamshedpur**

He explained NEP is a masterpiece which takes the world to next level.

He suggested that we should change the teaching methodology from teacher centric to students centric which is most important in today's world as bringing students to the classroom has been a major challenge for teachers now a days. Even though we can focus on natural practice which can be patented as Bihar has 32 practices which are patented.



**Topic: "Integrating Traditional Indian Knowledge Systems with SDGs: Sustainable Practices and Innovations"**



**Dr Abhishek Chouhan, Assistant Professor, Department of Commerce and Management**

Dr. Abhishek Chauhan mentioned that Sanskrit is regarded as mother of all languages. Further he mentioned that IKS is a platform to glorify education system. Also he insighted that IKS plus Tradition and culture is equal to Sustainability and innovation.

DSW SBU Dr. Ashok Kumar Asthana Concluded the seminar with his valuable remarks

And vote of thanks was given by Dr. Nitya Garg Coordinator of IQAC.

## सरला बिरला विवि में सेमिनार का आयोजन

आजाद सिपाही संवाददाता

**रांची।** सरला बिरला विश्वविद्यालय के प्रेक्षागृह में तकनीकी और उच्चतर शिक्षा में भारतीय ज्ञान परंपरा और इसमें नैक और एनईपी 2020 से जुड़ाव विषय पर एक दिवसीय सेमिनार का आयोजन किया गया। सेमिनार का आयोजन एनआईटी, जमशेदपुर के सहयोग से आइक्यूएसी, एसबीयू द्वारा किया गया। दीप प्रज्वलित कर कार्यक्रम के शुभारंभ के बाद आइक्यूएसी के निदेशक सह कॉमर्स एंड मैनेजमेंट विभाग के डीन डॉ. संदीप कुमार ने सेमिनार के विषयवस्तु पर प्रकाश डाला।

कार्यक्रम में बोलते हुए मुख्य अतिथि रामकृष्ण मिशन आश्रम के सचिव स्वामी भवेशानंद ने भारतीय शिक्षण प्रणाली में एनईपी के आने को जरूरी करार दिया। उन्होंने भारतीय भारतीय परंपरा में धर्म, अर्थ, काम, मोक्ष को शिक्षा



में सम्मिलित करने की बात कही, जिससे इसमें त्याग और तप के अलावा 'जॉय ऑफ गिविंग' की भावना पनप सके। एसबीयू के महानिदेशक प्रो. गोपाल पाठक ने एनईपी को लागू करने पर जोर देते हुए इससे होनेवाले हमारे राष्ट्र की उत्तरोत्तर प्रगति की बात कही। उन्होंने वैल्यू एडेड शिक्षा के लिए संस्कृत भाषा के ज्यादा से ज्यादा इस्तेमाल पर बल दिया। कार्यक्रम में बोलते हुए एनआईटी जमशेदपुर के निदेशक प्रो. गौतम सूत्रधर ने एनईपी से अध्ययनरत विद्यार्थियों को अधिक से अधिक

लाभ पहुंचने की बात कही। उन्होंने इसे सभी विभागों के विद्यार्थियों के लिए व्यावहारिक बताया। एसबीयू के कुलपति एसबी डंडीन ने भारत की पुरानी परंपराओं का जिक्र करते हुए उससे मिलनेवाली अच्छी चीजों के आत्मसात करने पर जोर दिया। कार्यक्रम को कुलसचिव प्रो. वीके सिंह ने संबोधित किया। डीन डॉ. नीलिमा पाठक ने विषय प्रवेश करते हुए ज्ञान के महत्व पर जोर देते हुए भारत की प्राचीन गुरुकुल परंपरा की चर्चा की।

कार्यक्रम के तकनीकी सत्र में डोरंडा कॉलेज के डॉ. राजकुमार

शर्मा, रांची विवि की डॉ. स्मृति सिंह, एनआईटी जमशेदपुर के डॉ. मोहम्मद हसन और एसबीयू के डॉ. अभिषेक चौहान ने भी भारतीय ज्ञान परंपरा से संबंधित अपने विषयों पर विस्तार से प्रकाश डाला। इस अवसर पर डॉ. अशोक अस्थाना, डॉ. गौतम तांती, डॉ. नित्या गर्ग, डॉ. आरोही आनंद समेत विश्वविद्यालय के अन्यान्य शिक्षक एवं शिक्षकेतर कर्मचारी उपस्थित थे। विश्वविद्यालय के प्रतिकुलाधिपति बिजय कुमार दलान और डॉ. प्रदीप कुमार वर्मा ने इस कार्यक्रम के आयोजन पर अपनी शुभकामनाएं प्रेषित की।

## सरला बिरला विश्वविद्यालय में सेमिनार का आयोजन

प्रातः नागपुरी संवाददाता

**रांची।** सरला बिरला विश्वविद्यालय के प्रेक्षागृह में 'तकनीकी और उच्चतर शिक्षा में भारतीय ज्ञान परंपरा एवं इसमें नैक व एनईपी 2020 से जुड़ाव' विषय पर एक दिवसीय सेमिनार का आयोजन किया गया। सेमिनार का आयोजन एनआईटी, जमशेदपुर के सहयोग से आइक्यूएसी, एसबीयू ने शनिवार को किया। कार्यक्रम के शुभारंभ के बाद आइक्यूएसी के निदेशक सह कॉमर्स एंड मैनेजमेंट विभाग के डीन डॉ. संदीप कुमार ने सेमिनार के विषयवस्तु पर प्रकाश डाला। मुख्य अतिथि रामकृष्ण मिशन आश्रम के सचिव स्वामी भवेशानंद ने भारतीय शिक्षण प्रणाली में एनईपी के आने को जरूरी बताया। उन्होंने भारतीय भारतीय परंपरा में धर्म, अर्थ, काम, मोक्ष को शिक्षा में सम्मिलित करने की बात कही, जिससे इसमें



त्याग और तप के अलावा 'जॉय ऑफ गिविंग' की भावना पनप सके।

एसबीयू के महानिदेशक प्रो. गोपाल पाठक ने एनईपी को लागू करने पर जोर देते हुए इससे होनेवाले हमारे राष्ट्र की उत्तरोत्तर प्रगति की बात कही। उन्होंने वैल्यू एडेड शिक्षा के लिए संस्कृत भाषा के ज्यादा से ज्यादा इस्तेमाल पर बल दिया।

एनआईटी, जमशेदपुर के निदेशक प्रो. गौतम सूत्रधर ने एनईपी से अध्ययनरत विद्यार्थियों को अधिक से अधिक लाभ पहुंचने की बात कही। उन्होंने इसे सभी

विभागों के विद्यार्थियों के लिए व्यावहारिक बताया।

एसबीयू के कुलपति एस.बी. डंडीन ने भारत की पुरानी परंपराओं का जिक्र करते हुए उससे मिलनेवाली अच्छी चीजों के आत्मसात करने पर जोर दिया। कार्यक्रम को कुलसचिव प्रो. वी.के. सिंह ने संबोधित किया। डीन डॉ. नीलिमा पाठक ने विषय प्रवेश करते हुए ज्ञान के महत्व पर जोर देते हुए भारत की प्राचीन गुरुकुल परंपरा की चर्चा की।

कार्यक्रम के तकनीकी सत्र में डोरंडा कॉलेज के डॉ. राजकुमार शर्मा, रांची विवि की डॉ. स्मृति

सिंह, एनआईटी (जमशेदपुर) के डॉ. मोहम्मद हसन और एसबीयू के डॉ. अभिषेक चौहान ने भी भारतीय ज्ञान परंपरा से संबंधित अपने विषयों पर विस्तार से प्रकाश डाला। इस अवसर पर डॉ. अशोक अस्थाना, डॉ. गौतम तांती, डॉ. नित्या गर्ग, डॉ. आरोही आनंद समेत विश्वविद्यालय के अन्यान्य शिक्षक एवं शिक्षकेतर कर्मचारी उपस्थित थे।

विश्वविद्यालय के प्रतिकुलाधिपति बिजय कुमार दलान और डॉ. प्रदीप कुमार वर्मा ने इस कार्यक्रम के आयोजन पर अपनी शुभकामनाएं दी।



## उच्चतर शिक्षा में भारतीय ज्ञान परंपरा पर विमर्श



**रांची.** सरला बिरला विश्वविद्यालय में तकनीकी और उच्चतर शिक्षा में भारतीय ज्ञान परंपरा और इसमें नैक व एनइपी 2020 से जुड़ाव विषय पर शनिवार को सेमिनार का आयोजन किया गया। मुख्य अतिथि रामकृष्ण मिशन आश्रम के सचिव स्वामी भवेशानंद ने भारतीय शिक्षण प्रणाली में एनइपी को जरूरी करार दिया। उन्होंने भारतीय परंपरा में धर्म, अर्थ, काम, मोक्ष को शिक्षा में सम्मिलित करने की बात कही गयी है। एसबीयू के महानिदेशक प्रो गोपाल पाठक ने एनइपी को लागू करने पर जोर देते हुए इससे होने वाले राष्ट्र की उत्तरोत्तर प्रगति की बात कही। एनआइटी जमशेदपुर के निदेशक प्रो गौतम सूत्रधार ने एनइपी से अध्ययनरत विद्यार्थियों को अधिक से अधिक लाभ पहुंचने की बात कही।

## Seminar Explores Indian Knowledge Tradition and NEP 2020 at SBU



**Ranchi:** Sarala Birla University's (SBU) Auditorium was the venue for an insightful seminar focused on "Indian Knowledge Tradition in Technical and Higher Education and Its Linkages with NAAC and NEP 2020," organized by the IQAC of SBU in collaboration with NIT Jamshedpur.

The day-long event commenced with the ceremonial lighting of the lamp by Dr. Sandeep Kumar, Director of IQAC and Dean of the Department of Commerce and Management, who delivered the welcome address and outlined the seminar's objectives. Chief guest Swami Bhaveshanand Ji, Secretary of the Ramakrishna Mission Ashram, praised the National Education Policy (NEP) as essential for modernizing the Indian education system. He advocated for integrating elements of Dharma, Artha,

Kama, and Moksha to foster the spirit of 'Joy of Giving' alongside traditional values of renunciation and penance. In his address, Professor Gopal Pathak, Director General of SBU, underscored the importance of NEP implementation and the gradual progress of the nation, stressing the need for utilizing Sanskrit for enriched education. Prof. Gautam Sutradhar, Director of NIT Jamshedpur, highlighted the benefits NEP offers students across various departments, deeming it highly practical.

S.B. Dandin, Vice-Chancellor of SBU, reflected on India's age-old traditions and the value of assimilating their positive aspects. Dean Dr. Neelima Pathak discussed the significance of the ancient Gurukul tradition, emphasizing its contribution to knowledge.

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रांची: SBU में भारतीय ज्ञान परंपरा पर एकदिवसीय सेमिनार <https://lagatar.in/one-day-seminar-on-indian-knowledge-tradition-in-sbu/>

सरला बिरला विश्वविद्यालय में सेमिनार का आयोजन

<https://dainikbharat24.com/2024/08/seminar-organized-in-sarala-birla-university/>

