



Swami Swatantranand Memorial College, Dinanagar

A Multi Faculty, Post Graduate Co-Educational Institution

(Accredited with 'A' Grade by NAAC /Affiliated to Guru Nanak Dev University, Amritsar)

Report

On

*An International Conference
On Ancient Indian Knowledge*

Systems:

*Natural Sciences Cognitive Sciences
and Social Sciences'*

on

21st August, 2021 to 23rd August, 2021

Organized by:

Department of Social Sciences

2021-22

Website: www.ssmdinanagar.org

Email: ssmdnn@yahoo.com

An International Conference On Ancient Indian Knowledge Systems: Natural Sciences Cognitive Sciences and Social Sciences' (Research Methodology)

Resource Person

- **Mr. Avinash Khanna** (Former Vice President of the Bhartiya Janta Party)
- **Professor Rajeev Ahooja** from IIT Ropar)
- **Dr RP Tiwari**, (Vice Chancellor, Central University Bathinda)
- **Professor Raj Kumar** (Vice Chancellor, Chandigarh University)
- **Professor Ashish Pandey** from IIT Mumbai
- **Professor Divender Singh** (Punjab State Coordinator of Bharatiya Shikshan Mandal).

Three Days Conference dedicated to the **Ancient Indian Knowledge System** was organized with melodious waves of Vedic sound by Department of Social Sciences, S.S.M. College Dinanagar, in Collaboration with Bharatiya Shikshan Mandal on 21st August, 2021. Total 300 members participate in the conference.

Chief Guests in the conference were- Avinash Khanna (Former Vice president of the Bhartiya Janta Party), Professor Rajeev Ahooja (IIT Ropar), Dr RP Tiwari, Vice Chancellor of Central University Bathinda), Dr. Bharat Bhushan, Professor Rajkumar (Vice Chancellor of Chandigarh University), Professor Ashish Pandey (IIT Mumbai), Professor Divender Singh (Punjab State coordinator of Bharatiya Shikshan Mandal).

In the beginning of the conference the **Principal of the college Dr. R.K. Tuli** thanked and welcomed the chief guests for joining. After that the Principal Sir described the education system based on ancient Indian culture. He described, how the Gurukul learning nurtured the students through deep levels of determination, focus and concentration and how Guru/ the teacher serve his role as a teacher, mentor, parent and a role model for the child. He emphasized that the Nation needs well qualified, trained manpower who would be the future leaders with good qualities such as faith in values, self- esteem, national identity, perseverance etc. that got eliminated in the process of the modern education. He further suggested, "In order to re- establish the ancient glory, Indian knowledge and tradition need to be reinstated and re-established in the modern educational system".

Keynote Address by Prof. RP Tiwari, Vice Chancellor of Central University, Bathinda.

Summary: “Indian ancient education system is the best heritage of the world.”

Need for imparting ancient values into today’s education system has been recognized, mainly because there are many lacunae that are not addressed by the modern education system. Holistic development of personality is what is being desired for and not mere development of certain specialized skills.

In ancient times, the qualification (leadership quality of students (*adhikaritva*) was considered while imparting education, which has become not so easy to practice in today’s secular educational scenario. This has its own merits and demerits. Similarly, teachers of ancient times had certain inherent characteristics (*shrotriyam, brahmanistha*), that gave them the power to infuse knowledge, not only of worldly nature but also of the highest spiritual knowledge. What do these qualities of a teacher get translated to, in today’s world? The Ambiance In which a student and a teacher interact has changed tremendously, and the focus is more on student-centric Methods to develop the best skills in a student. However, the purview of the training and it’s a big challenge as to how to revive this.

There is a need to assimilate the best of the modern education system and try to supplement with the ancient wisdom for the best results. **Yoga is one such tool which can be used as a bridging between ancient and modern value system because it primarily deals with culturing body and mind. The modern education system values these both prospects.**

In his closing remarks, he mentioned the objectives of the conference and the need for including some unified, standardized practices from our ancient system specifically for the physical, mental and spiritual well-being of school children. He requested participants to focus specifically on the issues of students and recommend a hybrid implementable and actionable model which would be studied in detail through the multi- organization collaborations. He concluded by saying that the outcome of such a study should lead to recommendations to MHRD, for implementation in the academic institutes.

Keynote Address by Avinash Khanna (Former Vice president of BJP)

Summary; Education is the process of learning or the acquisition of knowledge, skills, values, beliefs and habits that shape a child into a good human being. Present-day education is focused mostly on the intellectual growth of children side-lining their holistic development and physical, mental and spiritual well-being.

Modern education does not emphasize the ancient notion of education “*Sa Vidya yavimuktaye*”— means education is that which leads to liberation – freeing from life bondages. India has a rich heritage of knowledge system that was practiced from our ancient times which is for the overall development of children, including intellectual and spiritual growth.

In order to understand the best practices to be incorporated from our ancient knowledge systems into modern education, it is very important to understand how education has been transitioned from ancient to modern times. We should make efforts to highlight the important landmarks in the history of education in India from ancient to contemporary times. This would be helpful in identifying the best practices from our knowledge system that can be blended with modern education for the overall development of our future citizens.

Keynote Address by Prof. Ashish Pandey (IIT Mumbai)

Summary: Our traditional knowledge system is oriented for Panchakosha Vikasam (development of Annamaya, Pranamaya, Manomaya, Vijnanamaya and Anandamaya kosam). Development of Anandamaya kosam, leading to total happiness or bliss that could easily be achieved through spirituality. He suggested various ways through which these five koshas can be strengthened in children.


As against the common notion, spirituality is not the opposite of physical or material things but encompasses everything in this universe. It gives an experience of inter-connectedness or rather oneness with the cosmos.

This realization melts away our ego and arouses the emotion “*Athmano Mokshardham Jagath Hithaya*” and improves the Seva Bhavam (Service mentality) in the individuals. Normally, Mind creates and re-creates within a framework. Spirituality leads to the liberation from that framework. The incompatible becomes compatible. This universe exists on both physical and spiritual laws. While physical laws were taught, spiritual laws were overlooked. Children, who are the future citizens of the country, should also be aware of those spiritual laws for their eternal happiness to shape their lives and the impact of the violation of these laws. Once they understand the moral values, such as honesty, sincerity, sacrifice; good words, thoughts, acts and deeds etc., automatically the divine consciousness will increase in the individuals. It shows how we can help our children to manifest the perfection in them to make this earth a better place to live in. “*Loka Samastha Sukhino Bhavanthu*”

Vote of Thanks

Prof. Parbodh Grover delivered the vote of thanks. While thanking the guests for participating in the meeting, he pointed out the need for time tested strategies to be provided to the new generation of school and college children particularly and society at large for the highest wellbeing and harmony. He applauded the glory of Indian ancient education system that aimed at both grooming the students for the future as well as to become a good human being. He also thanked the participants.

Brochure

	BHARTIYA SHIKHSAN MANDAL, PUNJAB & SWAMI SWATANTRANAND MEMORIAL COLLEGE DINANAGAR	
Organize <i>An International Interdisciplinary Conference</i> ANCIENT INDIAN KNOWLEDGE SYSTEMS: NATURAL SCIENCES, COGNITIVE SCIENCES, AND SOCIAL SCIENCES ON 21 August to 23 August 2021		
Chief Patrons Swami Sadanand Ji (President) College Managing Committee & Dayanand Math, Dinanagar & Prof. Davinder Singh Thakur Ji Sayonjak Bhartiya Shikshan Mandal Punjab Chief Convener Dr. R.K. Tuli (Principal) S.S.M College, Dinanagar & डॉ. भारत भूषण विश्वविद्यालय इकाई प्रमुख, भारतीय शिक्षण मंडल, पंजाब Mentors उच्च नेतृत्व, भारतीय शिक्षण मंडल	About College Swami Swatantranand Memorial College, one of the prestigious institutes of the area, is the only co-educational college, accredited with 'A' Grade by NAAC in two districts (Pathankot and Gurdaspur). It is a multi-faculty, postgraduate, government-aided, premier institution established in 1973 in the sacred memory of Swami Swatantranand Ji, a staunch Arya Samajist, freedom fighter, social reformer and the founder of Dayanand Math, Dinanagar. The foundation stone was laid down by Swami Sarvanand Ji, the foundation head of inspiration. At present it is being run under the judicious and sagacious guidance of Swami Sadanand Ji, the present Acharya of Dayanand Math, along with other members of the Management Committee. During the last 48 years, the seed sowed by the early founders of the college has grown into a full-fledged tree to take the legitimate pride in rendering meritorious services in this rural, backward and border belt area by carving a niche for itself in the educational spheres. Endeavoring to be one of the Best and Speedy growing institutions, the college has been expanding its wings in all fields by adhering to moral values as its strength. The College is marching ahead in every field as in overall performance, the college is accredited with 'A' Grade by NAAC. In sports it's the only college in Guru Nanak Dev University having the honor of winning fourteen times Overall Sports Trophy (B-division) In co-curricular activities, the college is the winner of First Runner Up Trophy (A-division). In Academics, the college has captured maximum top ten positions in GNDU in all UG and PG courses. Our NCC cadets have been awarded by our worthy Prime Minister Shri Narendra Modi in RDC group. This long journey of success and achievements is still continued under the dynamic and visionary leadership of our worthy principal Dr. R. K. Tuli, who always believes to achieve the target by Excellence, Perfection and Performance.	

Ms. Sushma Devi (Asst. Prof.)
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Department of Physics

Ms. Monika (Asst. Prof.)
Department of Computer Science

**Online Platform:
Zoom for Inaugural, Valedictory,
and Plenary Session**

Google Meet for technical sessions

Link to join WhatsApp Group:

WhatsApp Group-1

<https://chat.whatsapp.com/C3e2xM2bud4TAN6McuJWCA>

WhatsApp Group-1

<https://chat.whatsapp.com/LaHVJ4Q6CPhBNH219umdfI>

- Shri. Bechain Kandial, Eminent Writer and PRO to Honourable Education Minister
- Prof. Gurmeet Singh, Vice-Chancellor, Pondicherry University
- Prof. (Dr.) Karamjeet Singh, Vice Chancellor, Jagat Guru Nanak Dev Punjab State Open University
- Prof. (Dr) Rajendrakumar Anayath, Vice Chancellor, Deenbandhu Chhotu Ram University of Science and Technology, Sonapat
- Prof. Aswini K. Mohapatra, Chairperson, Centre for West Asian Studies, School of International Studies, Jawaharlal Nehru University, and Member ICSSR.
- Mr. Kanwal Pal Singh Mundra, Registrar, Central University, Punjab
- Dr. Priyotosh Sharma, Chairperson, Department of History, Panjab University, Chandigarh
- Dr. Arvind Divedi, (Mahanagar Mantri), Bhartiya Shikhsan Mandal, Punjab
- Dr. Lucky Sharma. (Prant Mahila Prkalap), Bhartiya Shikhsan Mandal, Punjab
- Dr. Pawan Kumar, (Shalay Prkalap), Bhartiya Shikhsan Mandal, Punjab
- Prof. Rishipal, Professor, Pedagogy & Dean Humanities and Applied Sciences, SVSU, Haryana
- Professor Sudhir Kumar School of Sanskrit and Indic Studies, JNU
- Dr. Shreedhar Gautam, Professor of English, Patan Multiple Campus, Tribhuvan University, Nepal
- Dr. Dhruba Karki, Professor of English, Tribhuvan University, Nepal
- Dr. Bamdev Adhikari, Associate Professor of English, Trichandra Multiple Campus Tribhuvan University, Nepal
- Dr. Khum Prasad Sharma, Padmakanya Multiple Campus, (Tribhuvan University), Nepal
- Dr. S. Chitra, Programme Leader (MA in English), Yonphula Centenary College, Royal University of Bhutan
- Dr. Man Singh, Assistant Professor, NIT Kurukshetra
- Dr. Jyoti Sheoran, Dean Faculty of Humanities and Indic Studies, CRSU, Jind
- Reshma, Programme Officer, Shastri Indo-Canadian Institute
- Dr. Harish Sharma, Former Head , Department of History, Guru Nanak Dev University, Amritsar
- Dr. Harish Sharma, Former Head , Department of History, Guru Nanak Dev University, Amritsar
- Dr. Radha Sharma, Former Head , Department of History, Guru Nanak Dev University, Amritsar

**Professor Kiran Arora, Principal,
PCM SD College, Jalandhar**

**Shri. Ajay Raval Ji
Prant Mantri
Bhartiya Shikhsan Mandal
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Coordinator

valuable texts. In the Vedic era, India witnessed astonishing growth of different streams of knowledge and sciences. But due to kaalchakra the Science and other developed streams of knowledges were lost into the oblivion.

This conference is an effort in which the Indians as well as intellectuals around the world will participate in serious discussion and deliberations on the relevance of Vedic knowledge.

The Subthemes of the conference are as:

1. Cognitive sciences in Vedas
2. Vedas and part of World knowledge system
3. Social Sciences in Vedas
4. Artificial languages in Vedas
5. Understanding Vedas in modern world
6. Understanding of Vedas outside India
7. Relevance of Vedic knowledge in contemporary life
8. Vedas as great literature
9. Deep philosophy in Vedas
10. Astronomy in Vedas
11. Natural sciences in Vedas
12. Statecraft in Vedas
13. Mathematics in Vedas
14. Medicinal science in Vedas
15. Religious rituals in Vedas
16. Language Sciences in Vedas

Advisory Committee:

- Prof. Raghavendra P. Tiwari, Vice Chancellor Central University, Punjab
- Prof. Rajeev Ahuja, Director, IIT Ropar
- Prof. Jagat Bhushan Nadda, Honourable Director, CEC, New Delhi
- Prof. Bhushan Patwardhan, Chairman of ICSSR
- Professor Raj Kumar, Vice Chancellor, Panjab University, Chandigarh
- Prof. J. P. Pachauri, Vice Chancellor, Himalayiya University, Uttarakhand
- Prof. H. K. Sharma, Director, NIT Agartala
- Prof. T. V. Kattimani Vice-Chancellor, Central Tribal University of Andhra Pradesh

मा. डॉ रजनीश अरोड़ा जी

(प्रान्त सह संघचालक)

पूर्व कुलपति पंजाब तकनीकी
विश्वविद्यालय

Sh Avinash Khanna Ji
Former Vice President
BJP

मा. रमेश शर्मा जी

पीएम के मन की बात कार्यक्रम के पंजाब
प्रांत प्रभारी
पूर्व जिला अध्यक्ष
भारतीय जनता पार्टी
जालंधर

Shri. Pankaj Nafde Ji
Akhil Bhartiya Shah Sampark
Parmukh
Bhartiya Shikhsan Mandal

Shri. Pushendra Rathi Ji
Sauparks Sah-Pramukh
(Assistant Incharge Outreach)
Bhartiya Shikhsan Mandal

Shri. Neetesh Ji
Vistarak
Bhartiya Shikhsan Mandal
Punjab

Shri. Sunil Sharma Ji
Bhartiya Shikhsan Mandal
Haryana

About the Conference

When his first atomic explosion in 1945 succeeded, Robert Oppenheimer famously quoted the Bhagawadgītā verse (XI.12) referring to the simultaneous rise of thousand Suns in the sky (divi sūryasahasrasya yugpat utthitā). And when this keen student of Sanskrit literature was once asked by a senior Indian diplomat about what made him interested in this rich textual tradition, he is reported to have answered: 'Your ancestors asked the right questions, which we scientists are still struggling with'.

For the evolution of natural sciences, the first and foremost requirement is "technical language" or what is also known as "artificial language" and the artificial metalanguage of the Sanskrit grammar composed by the Indian linguist Pānini. Pānini's grammar is the first embodiment of a science of language that is different from the mathematical sciences that are associated with artificial languages in the Euro-Americas; and was, furthermore, not composed in Europe. Hence artificial or formal languages exist across sciences and civilizations.

Speculations on language in the India started with the Rigveda (1700-1000 BCE). It emphasized apart from generosity two features of language: its power and its limitations. The power of language is exemplified by brāhman (with the accent on the first a) and vāc. The first word may be translated as "sublime speech." Both terms are often translated into written English as "Word," with a capital "W,".

Along with natural sciences Vedas are a rich source of Cognitive sciences as well, as the Advaita Vedāntins consider knowledge primarily to be formless (nikākāra), universal objectless (nirvisaya), ownerless (nirās'raya) and determination-less (nirvisesa). They accept the reality of pure consciousness, which is eternal in nature and thus not different from the Self. However, this is not conceivable in the system of Nyāya philosophy. The naiyāyikas think that the knowledge is a quality of the Self and thus it is self-owned (ātmāsraya). It is object-dependent (savisayaka) and object-determinant (savisesa). Knowledge is produced by its causal mechanism (pramāna) and thus it is janya (a product) (unlike 'eternality' in the Advaita system). The Nyāya system goes on to describe the causal mechanism and its operation in detail for the generation of cognition. It also gives a detailed structural representation of cognitive events.

Mathematics, Naya, Social Studies all are found in abundance in Ancient Indian knowledge systems like Veda, Vedanta, Upanishads, and many other

Press Report

भारतीय पुरातन ज्ञान प्रणाली विश्व की सर्वोत्तम धरोहर : डा. तिवाड़ी

● एस.एस.एम. कॉलेज में भारतीय पुरातन ज्ञान प्रणाली को समर्पित ऑनलाइन सम्मेलन शुरू

दीनानगर, 21 अगस्त (राजीव, राजकुमार): एस.एस.एम. कॉलेज-दीनानगर एवं भारतीय शिक्षण मंडल द्वारा संयुक्त रूप से भारतीय पुरातन ज्ञान प्रणाली को समर्पित तीन दिवसीय ऑनलाइन सम्मेलन का शुभारंभ वैदिक ध्वनि की मधुर लहरों से किया गया। सर्वप्रथम कॉलेज के प्रिंसिपल डॉ. आरके तुली ने कार्यक्रम के मुख्य अतिथि अविनाश खन्ना पूर्व उपाध्यक्ष भारतीय जनता पार्टी, प्रोफेसर आशीष पांडे आईआईटी मुंबई, प्रो. राजीव अहूजा आईआईटी रोपड़, डॉक्टर आरपी तिवाड़ी कुलपति केंद्रीय विश्वविद्यालय पंजाब, प्रो. राजकुमार उपकुलपति यूनिवर्सिटी चंडीगढ़, डा. भारत भूषण विश्वविद्यालय प्रमुख



ऑनलाइन सम्मेलन के दौरान मौजूद वक्ता।

भारतीय शिक्षा मंडल, पंकज नाफदे, प्रोफेसर देवेन्द्र सिंह प्रांत संयोजक भारतीय शिक्षा मंडल पंजाब आदि का इस सम्मेलन में जुड़ने के लिए धन्यवाद और स्वागत किया। तत्पश्चात प्रिंसिपल महोदय ने पुरातन भारतीय संस्कृति ज्ञान पर आधारित शिक्षा प्रणाली को हर समस्या का समाधान बताया। प्रोफेसर आरपी तिवाड़ी ने अपने मुख्य भाषण में कहा कि भारतीय ज्ञान प्रणाली विश्व की सबसे पुरातन का सर्वोत्तम धरोहर है। अशीष पांडे ने पुरातन भारतीय ज्ञान

में शोध विषय पर अपना अनुभव साझा किया। मुख्य अतिथि अविनाश खन्ना ने बड़े साधारण शब्दों द्वारा विश्व गुरु रहे भारत की महानता को प्रस्तुत किया और कहा भारतीय पुरातन ज्ञान प्रणाली में हर वह क्षमता है जिसके द्वारा हम अपने नैतिक मूल्य संस्कारों द्वारा पुण्य अपना विश्व गुरु का सपना पूरा कर सकते हैं मंच संचालन करते हुए प्रोफेसर प्रबोध श्रोवर ने सभी आए हुए अतिथियों का विशेष कर जय सिंह का धन्यवाद किया।




Principal
SWAMI SWATANTRAMAND MEMORIAL COLLEGE
Dinanagar (Gurdaspur)