

RECENT ADVANCES IN SCHOOL EDUCATION

RECENT ADVANCES IN SCHOOL EDUCATION

EDITED BY DR. THAKUR SKR



V. B. EDUCATIONAL TRUST

Department of Holistic Education, Vidya Bharti
Plot No. 1, Sector-71, SAS Nagar-160071



Edited By
DR. THAKUR SUDESH KUMAR RAUNIJA

Recent Advances in School Education is a compendium of events from the inauguration to the passing of the world's first *Shiksha Mahakumbh*, inspired by the spirit of Kumbh culture in ancient Bharat. Shiksha Mahakumbh is the brainchild of **Dr. Thakur SKR**, a prominent scientist of ISRO and staunch worker of RSS, which took shape under the able guidance of **Vijay Kumar Nadda**, a visionary and forward-looking RSS Pracharak and Organising Secretary of Vidya Bharti (North Zone). The inaugural edition of Shiksha Mahakumbh i.e., National Conference on *Recent Advances in School Education (RASE 2023)* was organised by *Sarvhitkari Educational Society*, a prominent unit of Vidya Bharti – Akhil Bhartiya Shiksha Sansthan in the state of Punjab, in collaboration with **Dr. B. R. Ambedkar National Institute of Technology Jalandhar**. The conference was held from June 9-11, 2023 at the esteemed premises of Dr. B. R. Ambedkar National Institute of Technology Jalandhar.

To register for the next session of Shiksha Mahakumbh, please visit the website:

www.rase.co.in

RECENT ADVANCES IN SCHOOL EDUCATION

RECENT ADVANCES IN SCHOOL EDUCATION

Edited By
Dr. Thakur Sudesh Kumar Raunija

Recent Advances in School Education

Price : ₹5000

ISBN Number

978-81-950665-1-3

Publisher

*V.B. Educational Trust
Narayan Bhawan, Gita Niketan Parisar,
Salarpur Road, Kurukshetra – 136118*

First Edition

September 2023; 5,000 Copies

Printer

*M/S Amit Arts,
Plot No. 205, Sector 82,
JLPL Industrial Area, Mohali Punjab
Mobile No 9216504644
GSTIN: 03AARFA4772E1ZI
State Name: Punjab, Code: 03
E-Mail amitarts 123@gmail.com*

Editor

*Dr. Thakur Sudesh Kumar Raunija
Director
Shiksha Mahakumbh &
Department of Holistic Education
www.drthakurskr.com*

© Copyright @ Department of Holistic Education

Proceeding of शिक्षा महाकृष्ण 2023



Department of Holistic Education

Proceeding of शिक्षा महाकुंभ 2023

THEME

Recent Advances in School Education

June 9-11, 2023

VENUE

Dr. B. R. Ambedkar National Institute of Technology
Jalandhar

ORGANISED BY



DEPARTMENT OF HOLISTIC EDUCATION

Department of Holistic Education is the brainchild of Dr. Thakur SKR who is a renowned scientist of ISRO, dedicated RSS worker and accomplished author. Level of education shall not be gauged by marks alone. In true sense, it's the complete transformation of a green cake into a valuable asset for society. The students shall be full of energy, skills and values when they come out from the institution. Among all kind of institutions one goes through in his/her life span, school is an important place where one spends majority of educational years, almost 15 years. Therefore, this place shall be built and nurtured in such a way that the students pass from school with a focused and healthy approach in life.

Though Vidya Bharti was formed with this intention only, the last decade driven by technology led us to think about integration of technology with value based education. Further, the problems arose in education in last couple of decades shall be addressed in an effective way. With this intention, Department of Holistic Education was incepted in Vidya Bharti. At present, Department has 25 Cells with dedicated co-ordinators to lead these cells. The in-depth research and development in each area is exhaustively done prior to run pilot projects and implementing them in schools & society.

In last couple of months, E-cycle, Punjab Super 100, Tredul App, Sarvatr App, Swadeshibazaar App, TUDU App, Jobs360⁰ App, Surbhi Diye, Surbhi Piggy Bag, Surbhi Flower Pot, etc., are the key outcomes of the Department which are revolutionizing the education and society. Shiksha Mahakumbh is one of the major outcomes of this Department. One child one hour work per day; Recycling of cloths, paper & plastic; One school one product; International collaborations; etc., are some of the upcoming projects of the Department.

Acharya Devvrat
Governor, Gujarat
Gandhinagar-382021



आचार्य देवव्रत

राज्यपाल, गुजरात
गांधीनगर- ३८२०२१

29 APR 2023

संदेश

विद्या भारती की पंजाब प्रांत ईकाई- सर्वहितकारी शिक्षा समिति तथा डॉ. भीमराव अंबेडकर तकनीकी संस्थान, जालंधर के संयुक्त तत्वाधान में आयोजित शिक्षा महाकुंभ RASE -2023 अत्यंत प्रशंसनीय और प्रासंगिक प्रयास है।

समाज के समक्ष उत्पन्न होने वाले नित नए संकट, चुनौतियों एवं प्रश्नों के समाधान ढूँढने एवं बदलते समय में उत्पन्न होने वाले अवसरों का उपयोग करने के लिए, नई पीढ़ी को तैयार करने के लिए चिंतन- मंथन करने की हमारे देश में कुंभ की श्रेष्ठ परंपरा सदियों से रही है। शिक्षा महाकुंभ हमारी इसी पुरातन एवं महान परंपरा का युगानुकूल प्रयास है।

मुझे पूर्ण विश्वास है कि आजादी के अमृतकाल में आयोजित होने जा रहा शिक्षा का यह महाकुंभ वर्तमान चुनौतियों के समाधान ढूँढने में कारगर साबित होगा। राष्ट्रीय शिक्षा नीति के क्रियान्वन के साथ- साथ हमारी शिक्षा एवं शिक्षकों को भविष्य के लिए तैयार करने में सहायक होगा। शिक्षा महाकुंभ में प्रतिभाशाली छात्रों को भी मंच मिलेगा, यह प्रसन्नता का विषय है।

इस महत्वपूर्ण आयोजन के लिए हार्दिक शुभकामनाएं।

(आचार्य देवव्रत)



Bhupendra Patel

Chief Minister, Gujarat State

Dt. 23/05/2023

Message

India is considered as a land of opportunity for those who have talent, potentials and skill for innovation. The youth brigade of contemporary time needs to focus on Research and Development. This will provide them with ample opportunities and the sky is open for them to spread their wings of aspiration to soar into the limitless sky.

I am much pleased to learn that the **Sarvhitkari Educational Society** in association with **Dr. B. R. Ambedkar National Institute of Technology, Jalandhar** is jointly organizing “**शिक्षा महाकृष्ण**”- National Conference on Educational Society during **9th-11th June, 2023** at **Jalandhar**. I appreciate the endeavour by this organization with an aim to bring as many as 30 crore students of schools and colleges/ universities of India on a single platform annually by conducting “**शिक्षा महाकृष्ण**” in association with the *Institutions of National Importance*. I, hereby, convey my best wishes to the organizing team and to all the students for their bright future ahead.



(Bhupendra Patel)

To,
Dr. Thakur SKR, Conference Director,
National Conference on Recent Advances in School Education,
Department of Industrial & Production Engineering,
Dr. B. R. Ambedkar NIT Jalandhar, Jalandhar (Punjab)-144027.
Email: rase@nitj.ac.in, info@rase.co.in
Mo: 9501019873, 7627888222



Santosh Kumar, I.A.S.

Raj Bhavan
Malabar Hill
Mumbai 400 035.
Tel. : 022-2363 7671
FAX : 022-2363 3272
E-mail : secy.rb.mh@nic.in

Date: 30th May 2023

Dear Dr. Thakur,

Please refer to your letter dated 15th April 2023 addressed to Hon'ble Governor, invited him to be the Chief Guest for "शिक्षामहाकुंभ" National Conference on Recent Advances in School Education (RASE 2023) to be held during 9 to 11th June 2023.

In this connection, I am directed to inform you that Hon'ble Governor has extended warm wishes, but regretted his inability to accede to your request due to some other prior engagements.

Yours,

(Santosh Kumar)

Dr. Thakur SKR,
Conference Director,
office at – Department of Industrial & Production Engineering,
Dr. B. R. Ambedkar NIT Jalandhar,
Jalandhar - 144 027.
Email – rase@nitj.ac.in/info@rase.co.in



प्रो. (डॉ.) अजय सिंह

कार्यपालक निदेशक

Prof. (Dr.) AJAI SINGH

MS, MCh, FAMS, MNMS, FICS, FSS, FPO

Professor, Paediatric Orthopedics

Executive Director



अखिल भारतीय आयुर्विज्ञान संस्थान

साकेत नगर, भोपाल - 462 020

All India Institute of Medical Sciences

Saket Nagar, Bhopal - 462 020

(An Autonomous Institute under MoHFW, Govt.of India)

Phone : 0755 - 2672317, 2672329

Fax : 0755 - 2672337

E-Mail : director@aiimsbhopal.edu.in

Web: www.aiimsbhopal.edu.in

No. DIR/AIIMS_BPL/2023/REGRET LETTER/2412

Date: 08.05.2023

Dear Sir,

Greetings from All India Institute of Medical Sciences, Bhopal !

I am elated to know about 'Shikshamahakunj' i.e. **National Conference on Recent Advances in School Education (RASE 2023)**, being organized by Sarvhitkari Educational Society in association with Dr. B.R. Ambedkar National Institute of Technology, Jalandhar between 9th to 11th June, 2023. It is a beautiful initiative for the successful implementation of the National Education Policy 2020.

I would like to extend my gratitude for Inviting me to be the key-note Speaker for the said conference, however due to some pre-scheduled engagements I will not be able to attend the Shikshamahakunj.

I Convey my warm wishes for the Conference to be a successful event !

Thanking You with warm regards,

Prof. (Dr.) Ajai Singh
Executive Director & CEO

To,

Dr. Thakur SKR
Conference Director
Shikshamahakunj (RASE 2023)



Message

Shiksha Mahakumbh - 2023 is definitely a welcome initiative by Vidya Bharati Punjab at Jalandhar to bring together academia, intelligentsia, educationists, policy makers and other stakeholders of education eco-system. It is a big success as the very purpose of bringing around 5 thousand members of different states and discussing the recent advances in education with NEP & NCF in the background. Definitely it is an impetus for the course and process of implementation of national education policy in right perspective.

Being a participant, I interacted with many academicians and luminaries, whose unconditional involvement in 3-day programme is exceptional. Hope the resolve to take Mahakumbh forward by making it annual feature become true, for educating the society and further involvement in implementation.

I congratulate all the visionaries & missionaries for making this grand event a memorable one. Hope your remembrance would carry the gist of all proceedings, deliberations, interaction, guidance and panel discussion. My appreciation to all the workers who did put their effort in this Maha Vidya Yajna and I extend my greetings to the readers of the proceeding of first Shiksha Mahakumbh.

D. Ramakrishna Rao

President, Vidya Bharati

Forwarding

It is with immense pleasure and pride that I extend my warmest greetings to all the participants of the **Shiksha Mahakumbh** and readers of its proceeding. This remarkable initiative, spanning in 6 comprehensive chapters, encapsulates the collective efforts, aspirations, and achievements of educators, institutions, and visionaries who are committed to the transformation of education in Bharat.

Education stands at the core of our nation's progress, and initiatives like the **Shiksha Mahakumbh** serve as guiding beacons, illuminating the path towards excellence. The diverse topics covered in these chapters, from media campaigns to the establishment of Centres for School Education Studies in Institutes of National Importance, underscore the multifaceted nature of education's challenges and opportunities.

This document not only reflects the dedication and innovation of the educational community but also showcases the spirit of collaboration and the unwavering commitment to the betterment of society through education. As we delve into the pages of this document, we are presented with a profound understanding of the transformative potential of education.

I commend the organizers, contributors, and everyone involved in bringing this vision to life. May the insights and ideas shared within these chapters inspire and guide readers towards a brighter and more equitable future for education in Bharat.

Vijay Kumar Nadda
Organisational Secretary
Vidya Bharti (North Zone)

PREFACE

The Shiksha Mahakumbh initiative is one of its kind in the world which is inspired by the spirit of Kumbh culture prevailing in ancient Bharat. The inaugural edition of Shiksha Mahakumbh ended in a grand way. The nectar of this very first edition is tried to sum-up in this tiny piece known as proceeding. Education is the beacon that lights our path towards progress and prosperity, and as we delve into the pages ahead, we will witness how the Shiksha Mahakumbh is committed to making this light shine brighter than ever. The entire proceeding is divided into 6 Chapters.

The inaugural chapter of this journey embarks on a comprehensive exploration of the idea behind this grand event, the organisations responsible in converting the very idea into reality, the organisations came forward to volunteer in the cause of societal transformation and the ministries of Government of Bharat which backed the initiative.

As we delve into Chapter 2, we delve into the heart of the Shiksha Mahakumbh initiative – the campaign that heralds a new era in educational excellence. In this chapter, we uncover the meticulous planning, dedication, and tireless efforts that have gone into spreading the message of holistic education far and wide. The campaign is not just a call to action; it is an invitation to join hands in the pursuit of a brighter educational future.

Chapter 3 is a testament to the resilience and determination of the educational community. Here, we witness the stories of turnaround, participants from schools, institutions, industry and society. The Shiksha Mahakumbh is not just about lofty ideals; it is about actionable change. Join us in this chapter as we celebrate the educators and institutions that are turning the tide and making a difference.

Chapter 4 takes us into the heart of research, innovation and recent advances in education. In the papers and projects presented at the Shiksha Mahakumbh, we discover a wealth of knowledge, ideas, and solutions that address the pressing challenges of our education system. These contributions are the building blocks of a brighter educational landscape, and in this chapter, we explore their potential to shape the future.

Chapter 5 brings the spotlight to media and its role in amplifying the message of the Shiksha Mahakumbh. In this chapter, we explore the diverse mediums through which the campaign has reached far and wide. From posters to radio to electronic to print media, the Shiksha Mahakumbh presence is felt across all channels. Join us as we journey through the media campaign that has ignited the passion for education.

In Chapter 6, we arrive at the culmination of our journey through the Shiksha Mahakumbh initiatives. Here, we reflect on the outcomes, achievements, and impact of this collective effort. The Shiksha Mahakumbh is not just an event; it is a catalyst for change. In this chapter, we measure the results and set our sights on a future where education continues to be a force for good.

Each of these chapters is a chapter in the story of educational transformation. Together, they form a narrative of dedication, innovation, and unwavering commitment to the betterment of education in our society. Join us on this enlightening journey through the pages ahead.

EDITOR'S MESSAGE

Dear Readers,

It is with great pleasure and enthusiasm that I welcome you to the proceeding of *Shiksha Mahakumbh*, an endeavour that embodies the spirit of educational excellence, innovation, and collaboration. This comprehensive document, spanning six chapters, serves as a testament to the commitment and vision of educators and institutions who are shaping the future of education in Bharat.

Education is not merely a means to an end; it is a journey of discovery, growth, and transformation. The chapters presented here reflect the diverse facets of this journey, from media campaigns that disseminate educational initiatives to the establishment of a dedicated Journal in the field of education. Each chapter is a unique exploration of the challenges and opportunities that education presents.

As the Director of the Department of Holistic Education wherein the very idea of *Shiksha Mahakumbh* was originated, I am deeply inspired by the dedication and passion of those involved in the *Shiksha Mahakumbh* and post *Shiksha Mahakumbh* initiatives. Idea of making couples work together for societal betterment to the establishment of Institute of Teacher Training churned out of this massive movement.

I extend my sincere appreciation to all the contributors, organizers, and participants who have made this initiative a resounding success. I encourage all readers to delve into these chapters, for within them lie the keys to a brighter and more equitable future for education in Bharat.

May this document inspire, inform, and empower all those who are committed to the cause of education.

Dr. Thakur SKR
Director
Shiksha Mahakumbh &
Department of Holistic Education
www.drthakurskr.com

COMMITTEES

Chief Patron

Dr. Krishan Gopal, Joint Secretary, RSS
Mr. J. M. Kashipathi, Member, Vidya Bharti Governing Council

Patron

Mr. Govind Chandra Mahant, Organising Secretary, Vidya Bharti
Dr. Shiv Kumar, Secretary, Vidya Bharti
Mr. S.C. Ralhan, Chairman, Board of Governors, NIT Jalandhar

Conference Director

Dr. Thakur SKR
Divisional Head, SCL and Director, Department of Holistic Education

Conference Co-Director

Prof. Ajay Bansal, Registrar, NIT Jalandhar

National Advisory Committee

Mr. A Rajarajan, Director, Satish Dhawan Space Centre
Prof. Anantha Ramakrishnan, Director, CSIO
Prof. Rajeev Ahuja, Director, IIT Ropar
Prof. Shyam Sundar Patnaik, Director, NITTR Chandigarh
Prof. R. P. Tiwari, Vice-Chancellor, CU Punjab
Dr. Kumar Gaurav, Dy. Director, PGI
Prof. Arvind, Vice-Chancellor, Punjabi University
Dr. Rajiv Prasad, Secretary, Higher Secondary Education, Haryana
Prof. Adarsh Pal Vij, Chairman, Punjab Pollution Control Board
Prof. Harinder Kumar Chaudhary, Vice Chancellor, HAU
Prof. S. K. Mehta, Vice Chancellor, UOL
Prof. C. C. Tripathi, Director, NITTTER Bhopal
Prof. Anupam Shukla, Director, NIT Surat
Prof. N. N. Pandey, Vice Chancellor, MGP Rohilkhand University, Bareilly
Prof. B. V. R. Reddy, Director, NIT Kurukshetra
Dr. Rakesh Sehgal, Director, NIT Srinagar
Dr. Rajnish Arora, Ex-VC, I.K. Gujral Punjab Technical University

Organizing Committee

Mr. P.S. Khimta, Principal, SVM Malerkotla
Dr. Gagandeep Parashar, Principal, SVM Bhikhi
Dr. Jagdeep Patial, Principal, SVM Mansa
Mrs. Jyoti Sharma, Principal, SVM Mansa
Dr. Akhileshwar Arora, Principal, SVM Jalandhar
Mr. Vikram Sanyal, Sarvhitkari Educational Society
Dr. Shashikant Yadav, NIT Jalandhar
Dr. Gaurav Sharma, Indian Institute of Technology Delhi, New Delhi

Dr. Pankaj Kumar, Central University, Himachal Pradesh
Mr. Saurabh Sharma, Dy. Registrar, I.K. Gujral PTU, Kapurthala
Ms. Kavita Sharma, IT Advisor, Department of Holistic Education
Dr. Ashok Bagga, NIT Jalandhar
Dr. Ghanshyam Neje, NIT Jalandhar
Dr. Pratibha Gupta, Academic Advisor, Department of Holistic Education

Local Advisory Committee

Mr. Vijay Kumar Nadda, Organising Secretary, Vidya Bharti (North Zone)
Mr. Balkishan, Joint Organising Secretary, Vidya Bharti (North Zone)
Mr. Rajendra Kumar, Organising Secretary, Vidya Bharti (Punjab)
Dr. S. K. Mishra, Registrar, I.K. Gujral PTU, Kapurthala
Mr. Praveen Saini, IAS (Retd.), Vice President, Vidya Bharti (North Zone)
Major General Suresh Khajuria (Retd.), President, Sarvhitkari Educational Society
Mr. Subhas Mahajan, Vice President, Sarvhitkari Educational Society
Prof. Navdeep Shekhar, General Secretary, Sarvhitkari Educational Society
Mr. Manoj Singhal, Scientific Advisor, Department of Holistic Education
Prof. Binod Kumar Kanaujia, Director, NIT Jalandhar

Conference Secretaries

Mr. Chandra Has Gupta, Secretary, SES
Prof. Anish Sachdeva, NIT Jalandhar
Dr. Shailendra Bajpai, NIT Jalandhar

Conference Joint Secretaries

Mr. Vijay Thakur, Finance Secretary, SES
Dr. Kapil Kumar Goyal, NIT Jalandhar
Dr. Karan Veer, NIT Jalandhar

Conference Conveners

Dr. Mohit Tyagi, NIT Kurukshetra
Dr. Deepika Rani, NIT Jalandhar
Dr. Samay Veer Singh, NIT Jalandhar

Conference Media Co-ordinators

Dr. Amit Kansal, Independent Director, NHPC
Adv. Veshal Garg, Legal Advisor, Department of Holistic Education

Conference Zonal Co-ordinators

Co-ordinator, Western Uttar Pradesh Zone - Dr. Neeraj Pant
Co-ordinator, North Zone - Mrs. Neetu Khurana
Co-ordinator, Central Zone - Mr. Dayanidhi
Co-ordinator, West Zone - Mr. Sanyog Dutt and Dr. Hital Patel
Co-ordinator, Bihar Zone - Dr. Amitesh Kumar

Conference State Co-ordinators

Co-ordinator, Haryana - Dr. Neeru

Conference District Co-ordinators

Co-ordinator, Patiala - Prof. Rajneesh & Mr. Baljinder Singh Thakur

Co-ordinator, Hoshiarpur - Dr. Jitender Garg

Co-ordinator, Gurdaspur - Dr. Sameer Mahajan, Dr. Sonia Mahajan & Mr. Hitesh

Co-ordinator, Kapurthala - Dr. Nitya Sharma & Dr. Vivek Talwar

Co-ordinator, Ludhiana - Dr. Sanjeev Chandel & Mr. Anubhav Jain

Co-ordinator, Jalandhar - Mr. Mandeep Tiwari & Mr. Manish Sharma

Co-ordinator, Amritsar - Mr. Shourabh Sharma

Co-ordinator, Moga - Mr. Sanjeev Saini & Sdr. Davinder Pal Singh

Co-ordinator, Faridkot - Mr. Sat Pal Arora

Co-ordinator, Barnala - Adv. Vishal Garg

Co-ordinator, Firozpur - Mr. Vinay

Co-ordinator, Pathankot - Dr. Shamsher Singh

Co-ordinator, Mansa - Dr. Sumeet Gupta

Co-ordinator, Bathinda - Prof. Manjit Bansal

Co-ordinator, Sangrur - Mr. Arun Garg & Mr. Achhvinder Dev Goel

Co-ordinator, Fazilka - Adv. Shyam

Co-ordinator, Tarn Taran - Mr. Sushil & Mr. Harinder Agrawal

Co-ordinator, Fatehgarh Sahib - Mr. Mahesh Chand Sharma

Co-ordinator, Sri Muktsar Sahib - Mr. Anurag Sharma & Mrs. Birbala

Co-ordinator, Rupnagar - Mr. Jitender Sharma & Sdr. Himmat Singh

Co-ordinator, Mohali - Dr. Ramit Vasudeva & Mrs. Maninder Kakkar

Co-ordinator, Malerkotla - Mr. Ravinder Wadhawan

Co-ordinator, Nawanshahr - Mr. Sanjeev Dongal & Ms. Sonali Sharma

Conference Office

Mr. Ramendra Singh, Department of Holistic Education

Ms. Mansi Bansal, Department of Holistic Education

Mr. Prince Raj, Department of Holistic Education

Mr. Karan Goel, Department of Holistic Education

Dr. Mohit Verma, Department of Holistic Education

Mr. Vikas Kumar, NIT Jalandhar

Dr. Rahul Kumar, DAV University

Ms. Niharika Kamal, BJYM

Adv. Rajat Verma, SJM

CONTENT

CHAPTER-1: Introduction	1
1.1. Shiksha Mahakumbh	3
1.2. Objectives	3
1.3. Theme	4
1.4. Sub Themes	4
1.5. Organizing Institutes	4
1.5.1. Sarvhitkari Educational Society	4
1.5.2. NIT Jalandhar	4
1.6. Supporting Institutes	5
1.6.1. PTU Jalandhar	5
1.6.2. DAV University Jalandhar	5
1.7. Supporting Organizations	5
1.7.1. Bharatiya Shikshan Mandal	5
1.7.2. Vijnana Bharati	5
1.7.3. Swadeshi Jagaran Manch	6
1.7.4. Akhil Bhartiya Rashtriya Shaikshik Mahasangh	6
1.7.5. Shiksha Sanskriti Utthan Nyas	6
1.7.6. Think India	7
1.7.7. Saksham	7
1.7.8. Hariawal Punjab	7
1.8. Supporting Ministries	7
1.8.1. Ministry of Education	7
1.8.2. Ministry of Skill Development and Entrepreneurship	8
1.9. Conclusion	8
 CHAPTER-2: The Campaign	9
2. Introduction	11
2.1. Press Conferences	11
2.1.1. Punjab	11
2.1.2. Haryana	17
2.1.3. Madhya Pradesh	19
2.1.4. Himachal Pradesh	20
2.2. Invitations	20
2.2.1. Personal Invitations	20
2.2.1.1. Punjab	20
2.2.1.2. Haryana	27
2.2.1.3. Himachal Pradesh	28
2.2.1.4. Delhi	28
2.2.1.5. Chandigarh	29
2.2.1.6. Uttrakhand	29
2.2.1.7. Uttar Pradesh	30
2.2.1.8. Madhya Pradesh	30
2.2.1.9. Gujarat	31
2.2.1.10. Rajasthan	31
2.2.1.11. Tamil Nadu	32
2.2.1.12. Canada	32

2.2.2. Letters	33
2.2.3. E-mails	33
2.3. Conclusion	34
CHAPTER-3: Turn Around	35
3. Introduction	37
3.1. Exhibition	40
3.2. Talent Recognition	44
3.4. Cultural Programme	45
3.4. Accommodation & Hospitality	46
3.5. Conclusion	47
Chapter-4: Papers and Projects	49
4. Introduction	51
4.1. Papers	52
Integration of Bhartiya Traditional and Modern Education Systems for Sustainability	55
1. Bhartiya Gurukul Education System for Holistic Development of Student -- <i>Harpreet Kaur and Dr. Dimpal Rani</i>	56
2. Relevance of Traditional Education System in Modern Era -- <i>Sangeeta</i>	57
3. Bhartiya Gurukul Education System for Holistic Development of a Student -- <i>Prabuddha Tripathi</i>	58
4. Bhartiya Gurukul Education System is a Traditional Indian System of Education -- <i>Subash Mahajan and Prof. Navdeep Shekhar</i>	60
5. आधुनिक युग में पारंपरिक शिक्षा की प्रासंगिकता -- <i>Dr. Jyoti Verma</i>	62
6. Gurukul Education System for Holistic Development -- <i>Jyoti Sharma</i>	62
7. Bhartiya Gurukul System as a Pedagogical Model in the Context of NEP 2020 -- <i>Lavanya Magatapalli and Raghu Ananthula</i>	65
8. Relevance of Traditional Ayurvedic Medical System in Modern Era with Special Reference to the Role of Herbal Garden in School Education -- <i>Dr. Arjun Grover</i>	66
9. Bhartiya Gurukul Education System for Holistic Development of a Student -- <i>Anannya Sharma</i>	67
10. Bhartiya Gurukul System for Holistic Development of a Student -- <i>Sunil Gautam</i>	68
11. Bhartiya Gurukul Education System for Holistic Development of a Student -- <i>Maninder Kaur</i>	69
12. Health and Wellness Interlaced In the Bhagavad Gita -- <i>Ranjana Verma</i>	70
Skill, Startup and Entrepreneurship in Education	71
1. Induction of Startup Culture at School Level - Promoting Entrepreneurship and Innovation in Education -- <i>Hitisha Sharma</i>	72
2. Induction of Startup Culture on School Level -- <i>Divyanshu</i>	74
3. Induction of Startup Culture on School Level - Promoting Entrepreneurship and	75

Innovation in Education -- <i>Piyush Mahajan</i>	
4. One Hour Compulsory Work per Day for a Student in School Can Bring Revolution in Shaping the Skill India Mission. -- <i>Rohit Kumar</i>	76
5. Life Skills among Secondary School Students of Chandigarh -- <i>Harjeet Sra</i>	77
Integration of Higher Educational Institutions with Schools	79
1. Use of Hindi and Regional Language in Technical Education -- <i>Saurabh Sahu</i>	80
2. Use of Hindi and Regional Languages in Technical Education -- <i>Seema Goyal</i>	81
Miscellaneous	83
1. Nuclear Fusion - A Step towards Sustainability -- <i>Saniya Monga & Harjeet Kaur</i>	84
2. Development of Biodegradable Molded Sheets of Deoiled Rice Bran (DRB) through Extrusion Technique -- <i>Tanuja Srivastava, Suhail Ahmad Bhat, Swati Priyadarshi and Noopur Khare</i>	85
3. Role of ICT in Global Education System -- <i>Navneet Bhaskar and Neena Seth Pajni</i>	86
4. Waste Wise Schools for Sustainable Development in India -- <i>Meenal Arora</i>	87
5. Load Frequency Control for Two-Area Deregulated Power System -- <i>Jyoti Gupta, Manish Kumar Singla, Anupma Gupta and Rajneesh Talwar</i>	88
6. India as a 10 Trillion Dollar Economy By 2030: Is It a Dream or a Reality? -- <i>Sanjeev Chandel</i>	89
7. Attitude of Pre-Service Teachers of B.Ed.: Regarding Digital Literacy in Teacher Education Programme in NEP2020 -- <i>Babita Bhardwaj and Poonam Gaur</i>	90
8. Green Technology -- <i>Priyansh Kumar</i>	91
9. Mother Tongue and Early Childhood Education -- <i>Aradhana Sharma</i>	93
10. A Novel Approach for the Motor and Cognitive Rehabilitation for Slow Learners: Multiple Intelligence - An Opinion -- <i>Priyanka Vij, Dr. Poonam Chaturvedi, and Dr. Kanav Vij</i>	94
11. Relevance of Education for Sustainable Development (ESD) in the Education Sector -- <i>Priyanka Devi and Sapna</i>	95
12. A Study on Indian Mathematicians and their Contributions in the Development of Mathematics -- <i>Gaurav Varshney</i>	96
13. Education for a Better South Asia: Envisioning Policies for the Role of Technology and Policies for Borderless Education with India at Core -- <i>Nithin Kalorth and Rahul Das</i>	97
14. Augmenting Techno-pedagogical Competencies of Pre-service Trainees for Designing E-content through Collaborative Training Model -- <i>Seema Thappa and J.N. Baliya</i>	98

15. A Conceptual Model: Happiness for Kids in Schools -- <i>Supriya and Dr. Satish Sharma</i>	99
16. Social Media's Impression on Interpersonal Communication in People -- <i>Heena Wadhwa and Gaurav Kalia</i>	100
17. Importance of ATLs in Achieving \$10 Trillion Economy by 2030 -- <i>Anveer Singh</i>	101
18. Spectrum of Life-A Critical Review -- <i>Samriti Khosla, Nitin Sood, Hiteshwari Sabrol, and Shalika Dutta</i>	102
19. Impact Assessment of Hindustani Classical Music on Academic Performance of School Students-A Review Study -- <i>Anshumati</i>	103
20. Sustainable Development -- <i>Shaveta Bansal</i>	104
21. Green Technology-A Future Avenue -- <i>Sunaina Gulati</i>	106
22. Health and Wellness: Why to Escape Sex Education -- <i>Sanskars Dhyani</i>	107
23. Positive Impact of Psychoneurobics Techniques in Inculcating Health & Wellness -- <i>Dr. Disha Khanna</i>	108
24. Visual Interaction Technique in Human Computer Interaction and Its Usability in Virtual Keyboard -- <i>Heena Wadhwa and Radhika Mittal</i>	109
25. The Impact of Happiness Curriculum on the Mental Health and Emotional Wellbeing of Government School Children of Delhi -- <i>Tannu Ajmani and Dr. Tarundeept Kaur</i>	110
26. Best Practices in Schools -- <i>Sanyog Dutt and Subhash Mahajan</i>	111
27. An Academic Value-added Mathematical Model in Education Sciences -- <i>Dr. Pramod Belkhode and Dr. Pratibha Agarwal</i>	112
28. Evaluation of Executive Functions Skills among Youth Taekwondo Players and Non-taekwondo Players with the Executive Skills Questionnaire-revised -- <i>Dipshikha Baruah, Dr. Neelam K Sharma, and Dr. Aruna Rani</i>	115
29. Recent Trends in Global Education -- <i>Navpreet Kaur, Neetu Bansal, and Supreet Kaur</i>	116
30. English-The Most Emphasized Emerging Trend in Global Education System -- <i>Priya Sharma and Dr. Akhilesh Kumar Dwivedi</i>	117
31. Presentation on Psychology of the Child (How to Read, How to Teach) -- <i>Jolly Monga</i>	118
32. The Role of Behavioural Economics on School Education in India - Opportunities and Challenges -- <i>Aakash Kumar Soni and Dr. Narendra Kumar Koshti</i>	119
33. The Impact of Digital Marketing on Businesses -- <i>Utkarsh Goel and Htet Ne Oo</i>	120
34. Futuristic Educational Transformation in India -- <i>Renuka Shyam Narain</i>	121
35. Review of Hydro Electric Power Plant and Its Classifications -- <i>Preeti Rani, Ved Parkash, Naveen Kumar Sharma, Amit Kansal, and Amandeep Singla</i>	122
36. Sustainable Development Financial Development A Curse or Boon for Environment: With Special Reference to CO ₂ Emission -- <i>Dr. Sapna and Monika Sarin</i>	123

37. The Evolution and Contemporary Stance of Critical Race Theory: A Critical Study -- <i>Manmohak Sandhu</i>	125
38. Unlocking the Learning Power of Play: Exploring Learners' Preferences for Game Mechanics and Dynamics in Math Education -- <i>Purvi Arora</i>	126
39. Positive Health and Wellness: Psychological Well-being among School Students of Punjab -- <i>Dr. Monika Anand and Dr. Jahangeer Majeed</i>	127
40. Impact of Covid-19 on Education System in India -- <i>Dr. Sunita Mahajan</i>	128
41. Exploring the Potential of IoST for Smart City Development -- <i>Shreya Madaan, Mandeep Kaur, and Rajni Aron</i>	129
42. Study Onward Clustering Strategy along with Assorted K-Mean Technique -- <i>Pardeep Singh Tiwana, Heena Wadhwa, Priya Dogra, and Lakhvinder Kaur</i>	130
43. Synthesis of Biogenic Calcium Silicate Glasses from Biomass for Numerous Applications -- <i>Gaurav Sharma and K. Singh</i>	131
44. Control System Design for Automated Load Shedding in a Power System -- <i>Mananpreet Singh, Vijay Kumar Tayal, and Ankit Singh</i>	132
45. Performance Analysis of Grid-integrated Wind Energy System -- <i>Preeti Rani, Ved Parkash, Naveen Kumar Sharma, Amit Kansal, and Amandeep Singla</i>	133
46. Sustainable Development - Current Indian Scenario -- <i>Arushi Arora, Aloukik Arora, and Amit Arora</i>	134
47. Developing Reading Competence at the Preparatory Stage -- <i>Rosy Jain, Manu Chadha, and Parul Sood</i>	135
48. Developing Reading Competence at the Preparatory Stage -- <i>Meenal Raman and Dr. Arvinder Kaur</i>	136
49. Open Educational Resources: An Insight into Various Initiatives at National and International Level -- <i>Dr. Madhu Midha</i>	137
50. Fingerprint Classification System: How Justice was Denied to the Indian Innovators Who Helped Ameliorate the Criminal Justice System -- <i>Gurvinder Sodhi and Jasjeet Kaur</i>	138
51. Moral Values and Ethics in School Education -- <i>Piyush Punj</i>	139
52. Necessity of Department of Holistic Education in Schools -- <i>Vishesh Jain</i>	140
53. Role of Modern Technologies in Future Dimensions of Teaching -- <i>Deepika Bahri and Dr. Santosh Bali</i>	141
54. Relevance of Studying In Mother Tongue in Shaping the Child -- <i>Munish Kumar</i>	142
55. Advances in Chemical Science and Technology -- <i>Rishabh Kaushik</i>	143
56. Revolutionizing the Future Dimensions of Teaching through Modern Technologies -- <i>Baldev Singh and Amandeep Kaur Ghuman</i>	144
57. Mini Forklift Robot Control Design Using Microcontroller for Industrial Applications -- <i>Mananpreet Singh, Vijay Kumar Tayal, and Ankit Singh</i>	145
4.2. Projects	146
Projects Showcased	149

1. E-Cycle -- <i>Vanshika Garg, Heena and Isha Goyal</i>	151
2. Blaze Gen 1 -- <i>Daksh Kishore, Kaishav Chugh, Jaideep Singh and Deepanshu Jain</i>	152
3. Varun -- <i>Avijeet Kumar</i>	154
4. Roselle -- <i>Raushan Kumar Bharti</i>	155
5. Detection of Infection in Blood Using Artificial Intelligence (AI) -- <i>Sehaj Kundra</i>	156
6. Water Purification -- <i>Amritpal Kaur</i>	157
7. Energy Harvester -- <i>Prikshit Maan</i>	158
8. VBLOM - Value based Learning of Mathematics -- <i>Hrudaya Ramekar</i>	159
9. Wireless Electricity Transmission -- <i>Nitin Kapoor</i>	161
Projects Ideas	163
1. Understanding the Causes and Impact of Plant Diseases -- <i>Rishabh Kaushik</i>	165
2. Smart Multifunctional Lecture Stand -- <i>Himanshu Jindal</i>	166
3. Prevention of Food and Paper Wastage in University Canteens and Mess -- <i>Sujal Jain</i>	167
4. Start Up For Customized Accessories “SNDUK JEWELS” -- <i>Urvi Sood and Dhruv Sood</i>	168
5. Transforming Education and Empowering Minds with CJAN -- <i>Mayank Mani Prasad</i>	169
6. Process of Generating Electricity by Hay Bales -- <i>Harish Kumar</i>	170
7. Recycling of Polymer -- <i>Ananya</i>	171
8. Magno Dynamics -- <i>Anubhav Dubey</i>	172
9. Project Online -- <i>Rishav Kumar</i>	173
10. Scientific Innovation for Sustainable Development -- <i>Ruhani</i>	174
Art Works	175
1. World is Round -- <i>Arushi Arora</i>	177
2. Seruman: The friend of Trees -- <i>Hemish</i>	178
3. A Mysterious Story about the Myrtle's Plantation -- <i>Shagun</i>	180
4. "My Grandmother" -- <i>Nukunj</i>	183

5.	Unveiling the Paradox of Me and You -- <i>Nikita Kumari</i>	184
6.	Epiphany -- <i>Asthaa Jain</i>	185
7.	Cherry on the Cake: Celestial Bonding -- <i>Nikita Kumari</i>	186
8.	Slum Adoption Initiative by Institutions -- <i>Sunidhi</i>	187
9.	The Great -- <i>Maninder Kaur and Simranpreet Kaur</i>	189
10.	॥... -- <i>Monali Tyagi</i>	190
11.	Punjabi Song -- <i>Jossey</i>	191
12.	Punjabi Group Song -- <i>Prabhnoor, Shaheen, Gitesh and Gurkirpal</i>	192
13.	Painting -- <i>Sarthak Jain</i>	193
14.	Machine Learning Poster -- <i>Simran Ghatore</i>	194
15.	Respiratory System -- <i>Amritpal Kaur</i>	195
16.	The Emotionless Void: A Portrait of Numbness -- <i>Hitisha</i>	196
17.	Painting -- <i>Pawni</i>	197
18.	Painting -- <i>Gurleen Kaur</i>	198
19.	Entrepreneurship -- <i>Yamini Mahajan</i>	199
20.	Good Teacher -- <i>Mayra Mahajan</i>	200
21.	Scenery -- <i>Kavya Gupta</i>	201
22.	Buddha Portrait -- <i>Ria Gupta</i>	202
4.3	Conclusion	203
Chapter-5: In Media		205
5.	Introduction	207
5.1.	Campaign in Media	207
5.1.1.	Print Media	207
5.1.2.	Digital Media	210
5.2.	Special message by Prominent Personalities	211
5.3.	The Programme	211
5.3.1.	Print Media	211
5.3.2.	Digital Media	212
5.4.	Conclusion	212

Chapter-6: The Outcome	213
6. Introduction	215
6.1. Franchise Model Begins	215
6.2. Journal	217
6.3. Model Couples in the Service of Society	217
6.4. Shiksha ki Baat Shikshavidon ke Saath	219
6.5. Promotion of Social Service through Education in Tough Terrains	220
6.6. Institute of Training and Research	221
6.7. Centre for School Education Studies in Institutions of National Importance	222
Results	225