

**Department of Higher Education, Haryana approved
One Day Online National Seminar
on
QUALITY INITIATIVES IN
HIGHER EDUCATION**

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Sanatan Dharma College

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Quality Initiatives in Higher Education

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FOREWORD

A quality education grants us the ability to fight the war on ignorance and poverty.”-Charles B. Rangel

It is with the deep satisfaction that I am writing this foreword to the proceedings of the National Webinar on **“Quality Initiatives in Higher Education”** organized by Internal Quality Assurance Cell, Sanatan Dharma College, Ambala Cantt in collaboration with Directorate of Higher Education, Haryana held on March 26,2022.It was an excellent initiative where IQAC, SD College and Directorate of



Higher Education have come together to facilitate the academicians, administrators, professionals and researcher scholars to collaborate, learn from one another and gain experience on the strategies to be adopted to enhance the quality of education in higher education institutions. In the era of digital industrial revolution 4.0 knowledge, skills, and expertise are the primary facilitators for sustaining our economic growth momentum.Government of India and Higher Education institutions istaking innovative initiatives towards knowledge creation & dissemination, research, skill development, entrepreneurial acumen development, outreach activities, community engagement, environment awareness and sustainability to transform the societies aimed at more sustainable future. HEI plays fundamental role in preparing future professionals to tackle local, national, regional, and global challenges. This seminar provided a forum where participants from various states of India had opportunity to share their research work & practices adopted at their institutions to elevate quality of education in India. They also got an opportunity to interact with eminent resource persons who have vast experience in the field of education, research, administration, and policy formation and leading the path towards bringing excellence in the performance of higher education institutions.

I am hopeful that the research papers contained in the Seminar proceedings

shall be helpful for better understanding of initiative to be taken to bring curriculum, teaching learning processes, research, infrastructure, academic ambience, student support services, governance at par with the global trends. It would help academicians and administrators to bring higher education institutions and universities at par with the world class institutions and universities.

We thank all authors and participants for their contribution.

Dr. Rajinder Singh
Principal
Sanatan Dharma College, Ambala Cantt

PREFACE

Ms. Amandeep Kaur
Co-Convenor, IQAC
Sanatan Dharma College,
Ambala Cantt



“Education is the key to unlock the golden door of freedom.”

- (George Washington Carver)

Higher Education Institutions plays a vital role in transforming India in to knowledge-based economy. Educated and Skilled Population, an economic and institutional regime, an efficient innovation system and Information and Communication Technology are the four pillars of Knowledge Economy Framework and the key to this transformation is a skilled human resource that creates the core of a knowledge economy — research, innovation, scientific progress, and tech evolution.

With the vision to have deliberations on innovative initiatives to be taken to enhance the quality of education in Higher education institutions, Internal Quality Assurance Cell, Sanatan Dharma College, Ambala Cantt had organized a webinar on the topic “Quality Initiatives in Higher Education” in collaboration with Directorate of Higher Education, Haryana on 26 March,2022.

An overwhelming response was received from the teaching community, where in all, 141 participants attended the webinar from more than 10 States other than Haryana. Total 29 papers were presented addressing various topics Undergraduate research curriculum framework, Digital Media, Skill Initiatives, Choice Based Credit System, Academic Bank of Credits,

Professional Development of Teachers, ICT Setup for Teachers, Academic Audits etc.

We are glad that we are able to bring out the proceedings of the seminar which consists of full papers presented by the academicians, administrators and research scholars. My heartfelt gratitude to all the authors for successfully presenting their research before the peers and experts and also thank them for writing the full paper for publication in the proceedings. My thanks go out to the organizing team for putting on such a professional show and bringing out this proceeding. I hope that it will serve as a good reference material for the academicians, administrators, professionals and research scholars.



(Amandeep Mehta)

Dr. Sushil Kumar
Convenor, IQAC
Sanatan Dharma College
Ambala Cantt



Theme Presentation

Higher education system in India is the third largest in the world. During the last few years, universities have increased manifold and colleges have mushroomed all over our country to impart higher education. As per MHRD Report 2020, India has over 1000 universities, with a break up of 54 central universities, 416 state universities, 125 deemed universities, 361 private universities and 159 Institutes of National Importance which include AIIMS, IIMs, IIITs, IISERs, IITs and NITs among others. Other institutions include 52,627 colleges as government degree colleges, private colleges, standalone institutes and post-graduate research institutions, functioning under these universities. Quantum of higher education institutes in India is significantly improving but quality of higher education has always been questioned. Higher education system of any country is directly attributed to the growth of the country and has become an influential factor in promoting economic growth, personal income and social development so in order to grow we must transform our higher education institutes to world class institutes.

Government of India is taking many quality initiatives to improve the quality of higher education system like:

1. The pedagogical change in teaching learning approach from teacher centric to student centric,
2. UGC schemes like
 - a. Basic Science Research,
 - b. College with potential for excellence,
 - c. Choice based credit system,
 - d. Special Assistance Program,
 - e. Major Research Projects,
 - f. Community College,

- g. B. Vocational Courses,
 - h. DDU Kaushal Kendra,
 - i. ISAN Uday etc.,
3. Central Government initiatives viz.
- a. National Institutional Ranking Framework (NIRF),
 - b. Impacting Research Innovation & Technology (IMPRINT),
 - c. Uchhtar Avishkar Yojna (UAY) and
 - d. Global Initiative of Academic Networks (GIAN)
 - e. Digital Initiatives like
 - i. Swayam Prabha
 - ii. National Academic Depository
 - iii. National Digital Library of India
 - iv. E-Shodh Sindhu
 - v. Virtual Labs
 - vi. E-Yantra
 - vii. Talk to a Teacher Program
 - viii. E-Acharaya
 - ix. E-Kalpa

These are few of quality initiative to enhance the competency level of student and to produce the skilled and ready manpower to meet the evolving requirements of industry. The main objective of holding this seminar is to bring academicians, administrators and professionals from industry under one roof to discuss existing initiatives and suggest new initiatives to produce world class professionals and entrepreneurs. This national webinar in collaboration with Directorate of Higher Education Haryana is a small attempt to understand, analyze, and sensitize about the quality concern of higher education in India and to suggest measures for the improvement of quality in general with focus on teaching-learning process, research, curriculum, student support system, use of technology and evaluation of learners etc.



(Sushil Kumar)

Schedule of the Seminar

Inaugural Session (10:00 AM to 11:00 AM)

Chief Guest : **Dr. Krishan Kant**
Principal
Aggarwal PG College, Ballabgarh

Technical Session-I (11:00 AM to 01:00 PM)

Resource Person : **Mr Peeyush Pahade**
Head Department of Zoology
H.V Desai College, Pune
President, IQAC Cluster India

Lunch Break (01:00 PM to 01:30 PM)

Technical Session-II (01:30 PM to 03:00 PM)

Resource Person : **Prof. (Dr.) A. K. Bakhshi**
Founder Vice-Chancellor
PDM University, Bahadurgarh, Haryana

Valedictory Session (03:00 PM to 04:00 PM)

Resource Person : **Mr. S Chand Rakesh Roshan**
Microsoft Innovative Educator
(MIE) Expert 2021-22,
Adobe Creative Educator
Assistant Professor
Rajiv Gandhi University of Knowledge
Technologies

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