



# DAYALBAGH EDUCATIONAL INSTITUTE

## (DEEMED TO BE UNIVERSITY)



**Established in 1981; Fully-funded by UGC under 12B**

Review of Deemed Universities, by Prof. P.N. Tandon Committee, 2009: A Category, 3 <sup>rd</sup> Rank					NBA Accredited Engineering Departments, 2019 Mentor Institute under UGC Paramarsh Scheme, 2019	
Dayalbagh (Toward Evolutionary) Science of Consciousness (DSC-May 22, 2020)					Declared one of the five Green Campuses in India by the MNRE	
NAAC	B++ (2005)	A (2013)	A+ (2019) (Score: 3.4)		School of Education, PMMMNMTT Scheme, MHRD, 2019  Ministry of Textiles empaneled Handicraft Training Centre at DEI for Skilling SC and ST, 2019	
NIRF (Univ.)	91 (2016)	72 (2017)	63 (2018)	77 (2019)		
ISO – 9001:2015 Certified Institution						
1 <sup>st</sup> Rank in AICTE Utkrisht Sansthan Vishwakarma Award, 2019					DST Mission Innovation Smart Grid Project, in collaboration with IIT Roorkee and University of Tromso, Norway, 2019	
SWACHHTA Ranking: 5 <sup>th</sup> Cleanest Institute in India, 2017					EU-DST ERA-Net Smart Energy Systems and Mission Innovation on Energy Storage Solutions, 2020	

# DEI Education Policy 1975

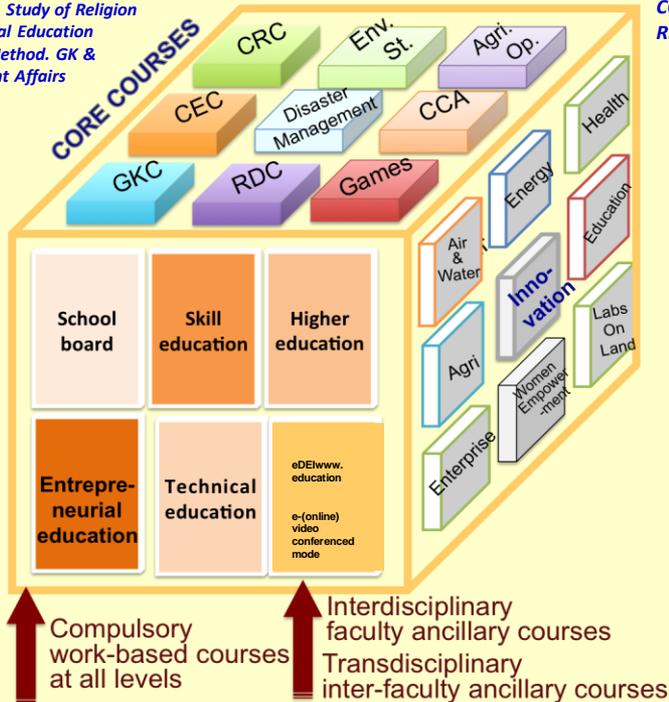
Promotes:

- Physical, intellectual, emotional & ethical integration
- Spirit of truthfulness, temperance and courage
- Humility, simple living, selfless service & sacrifice
- Scientific temper, training in practical science and technology
- Willingness & capacity to work with one's hands
- Respect for all beliefs and faiths
- Creation of a spirit of Brotherhood of Man

CRC: Comp. Study of Religion  
 CEC: Cultural Education  
 GKC: Sci. Method. GK & Current Affairs

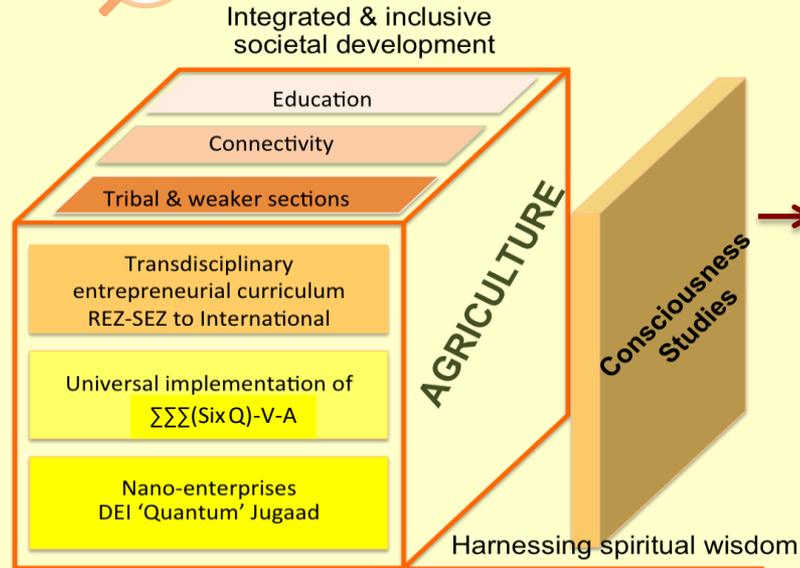
CCA: Co-curricular Activities  
 RDC: Rural Development

Framework of Education in DEI



+

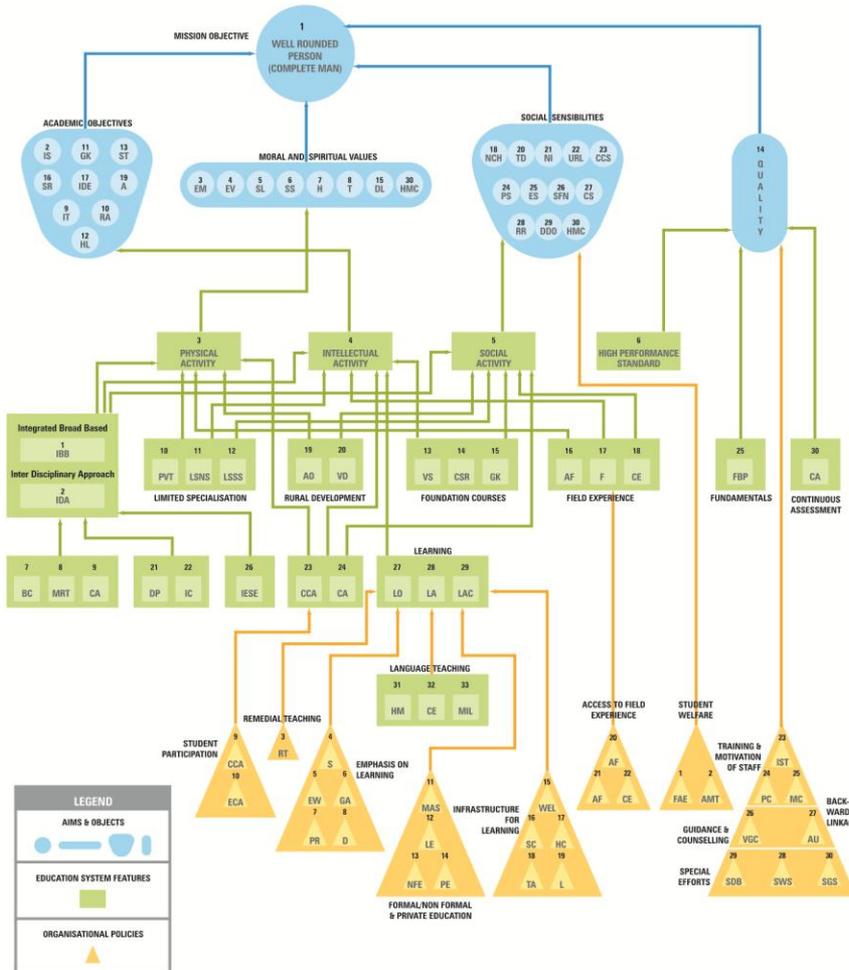
Harnessing the physical, intellectual and economic capital of individuals



# DEI's Strengths...

- Entrepreneurial and Consciousness Education
- Balanced development: body, mind & spirit
- Developing a '6S' society (zero to infinity)
- Socially relevant research: *jugaad* and frugal innovation
- Better worldliness
- Labs on land, Living laboratories
- Advanced technology intervention

# INTERPRETIVE STRUCTURAL MODEL (ISM) FOR HIGHER EDUCATION POLICY SYSTEM



L

## I AIMS AND OBJECTS

1. Well-rounded Person
2. Intellectual Strength
3. Emotional Maturity
4. Ethical Values
5. Simple Living
6. Selfless Service
7. Humility
8. Truthfulness
9. Independent Thinking
10. Reasoning Ability
11. General Knowledge
12. Habit of Learning
13. Scientific Temper
14. Quality of Education
15. Dignity of Labour
16. Self Reliance
17. Inter Disciplinary Exposure
18. National Culture & Heritage
19. Aptitude
20. Tolerance for Diversity
21. National Integration
22. Understanding Rural Life
23. Class-less and Caste-less Society
24. Political System
25. Economic System
26. Social Forces & Needs
27. Civic Sense
28. A Respect for Rights
29. Duties & Discharge of Obligations
30. High Moral Character

## II EDUCATIONAL SYSTEM

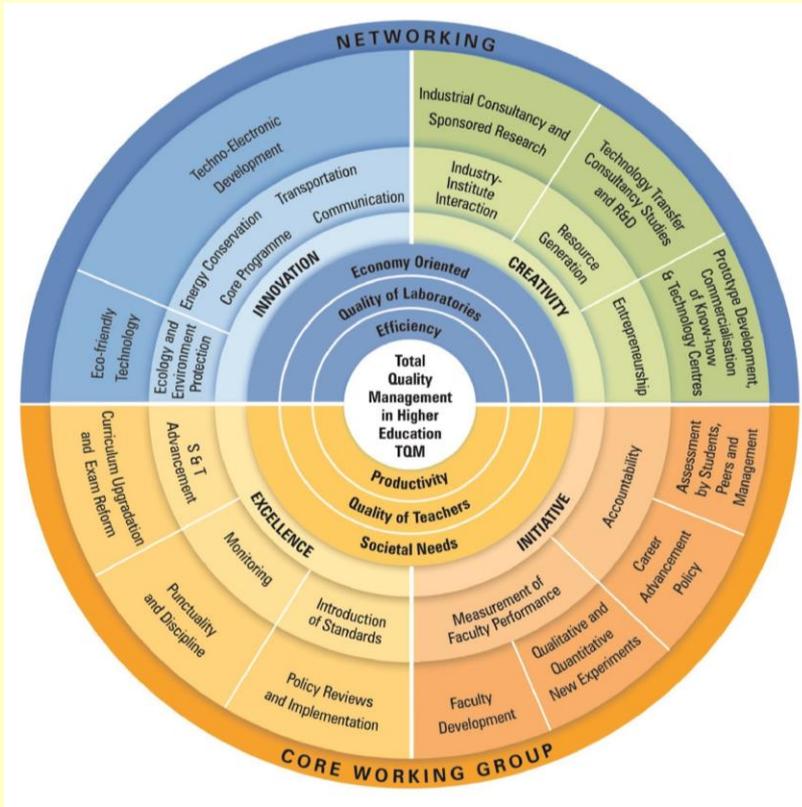
1. Integrated & Broad Based
2. Inter Disciplinary Approach
3. Physical Activities
4. Intellectual Activities
5. Social Activities
6. High Performance Standard
7. Breadth of Coverage
8. Most Recent Trends of Thought
9. Concentrates of Academics
10. Primarily Vocational and Technical
11. Limited Specialisation in Natural Sciences
12. Limited Specialisation in Social Sciences
13. Foundation Courses and Value System
14. Foundation Courses like Comparative Study of Religion
15. Foundation Courses like General Knowledge
16. Field Experience (Work Experience) in Farms
17. Field Experience (Work Experience) in Factories
18. Field Experience (Work Experience) in Commercial Establishments
19. Agricultural Operations
20. Village Developments Programs
21. Democratic Processes in Student Activities
22. Indian Constitution and Other Forms of Government
23. Co-Curricular Activities
24. Cultural Activities
25. Fundamental and Basic Principles
26. Interlinkage between the Educational System and Environment
27. Learning by Observation
28. Learning by Analysis
29. Learning by Acquisition of Knowledge
30. Continuous Assessment
31. Hindi as the Medium of Instruction
32. Competence in English
33. One other Modern Indian Language

## III ORGANISATION

1. Free / Affordable Education
2. Assistance through Means Test
3. Remedial Teaching
4. Learning through Seminars
5. Learning through Experimental Work
6. Learning through Group Activities
7. Learning through Paper Reading Sessions
8. Learning through Discussions
9. Students Participation in Management & Organisation of Co-Curricular Activities
10. Students Participation in Management & Organisation of Extra-Curricular Activities
11. Major Academic Subjects
12. Lateral Entry
13. Non-Formal Education
14. Private Education
15. Well Equipped Workshop / Laboratories
16. Science Centre
17. Hobby Centre
18. Teaching Aids
19. Library
20. Agricultural Farms for Field Experience
21. Small Scale Industries for Field Experience
22. Commercial and Service Establishments for Field Experience
23. In-Service Training Programmes & Orientation Courses
24. Adequate Physical Conditions for Motivating the Teachers
25. Adequate Mental Climate for Motivating the Teachers
26. Vocational Guidance and Counselling of the Students
27. Attachment of the School to a University Level College
28. Special Efforts to Overcome Handicaps of Weaker Sections
29. Special Efforts to Overcome Handicaps of Disadvantaged Background
30. Special Care to the Gifted Students

# A Conceptual Model for Total Quality Management at DEI

# Sigma Six Qualities and Values





Reaching the last, the least, the lowest and the lost



Superman Evolutionary Scheme

Multiple entry and exit pathways

Global Genetic Mc. Engg Competition, MIT- Bronze



QANSAS

Quantum Computing, Physics and Consciousness Studies

**EXCELLENCE with RELEVANCE**

Empowering weaker sections, women and children



Spirituality: Highest level of education

Achieving more with less: beneficial to the public at large

Dayalbagh (Toward Evolutionary) Science of Consciousness

Education at little (or no) cost to students



Dayalbagh Science of Consciousness, 2019

Socially Relevant International Projects in Tribal Villages



MOOCSKENE Bharat



Entrepreneurship (Value Addition) : Quantum Jugaad



REZ to SEZ to International Markets

Innovative & (Re)Generative Institute

Media and Telecommunication for Entrepreneurship and Education in Remote Villages



Student sustenance model through organic agriculture

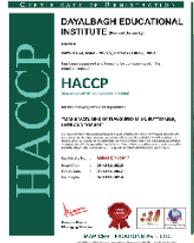
Renewable Energy: Solar System, Smart Grid



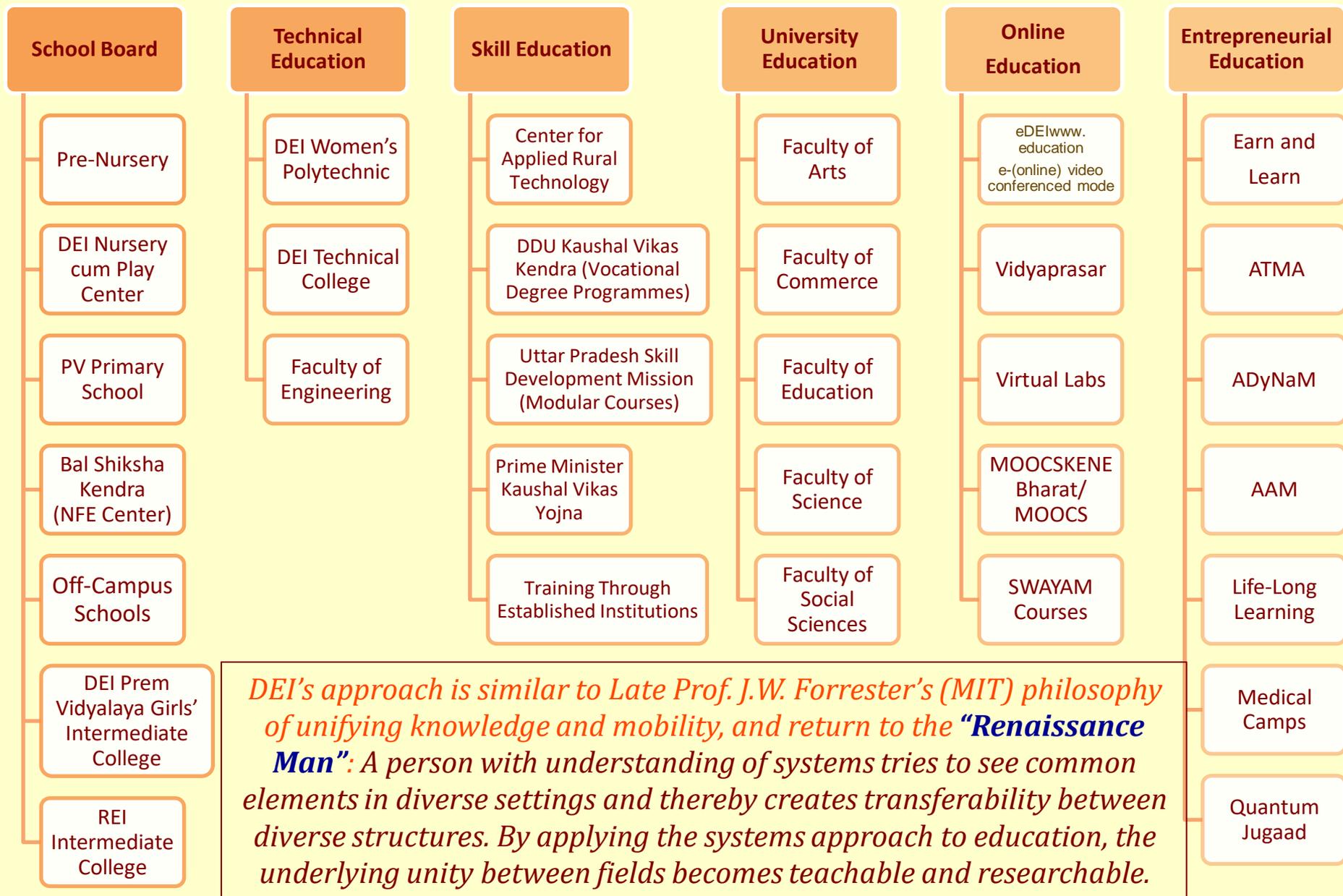
e-Mobility



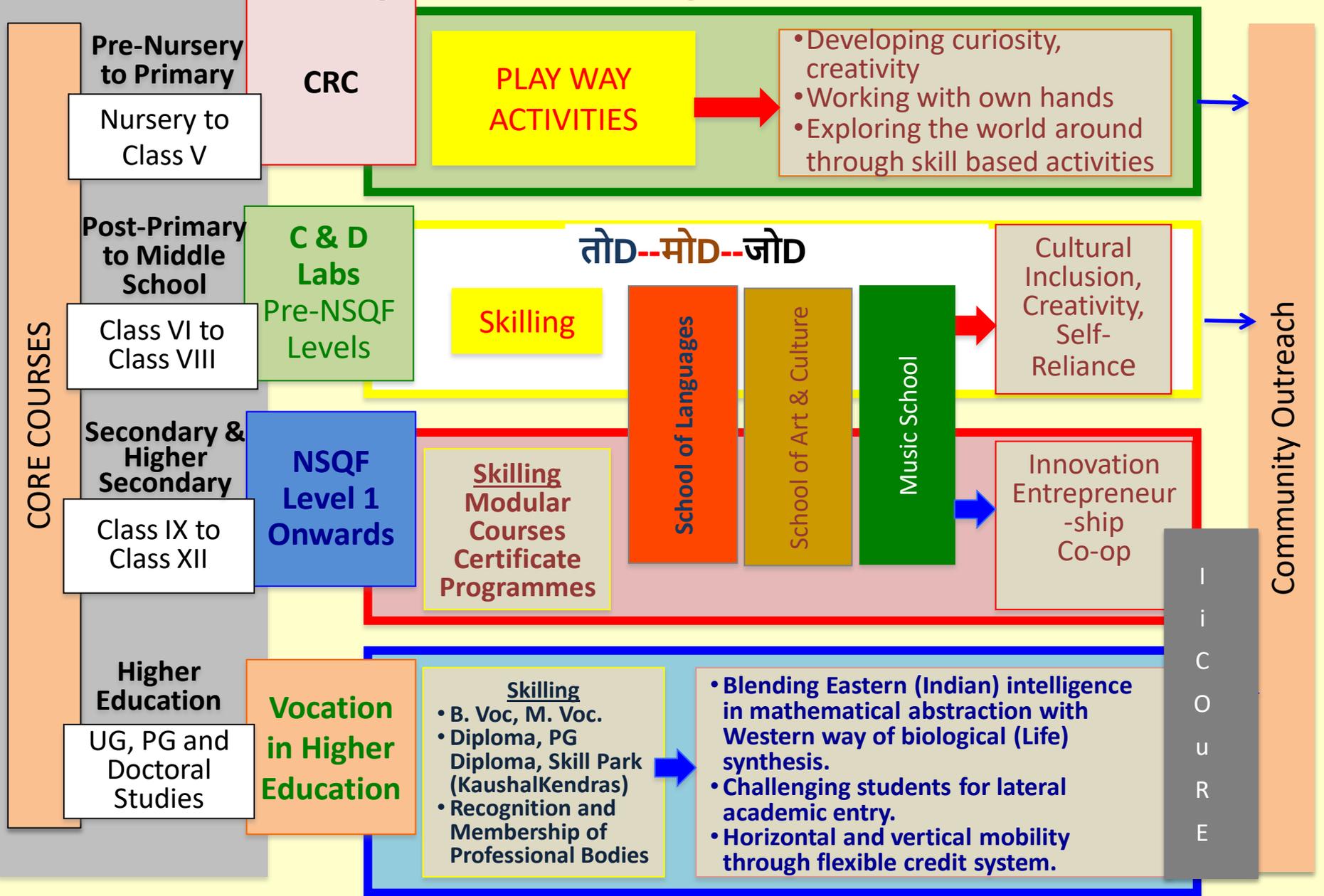
International Dairy & Food Processing



# Six Pillars of DEI Education: Systems Approach



# Integration of Skilling & Mainstream Education



# Technology & Networking as a Comprehensive Enabler of Education

## e-Learning

- MOOCS: SWAYAM @ DEI
- Vidyaprasar: DEI course portal
- Vocational courses; Digitization



## Online- Teaching

Student-centered online teaching-learning system (SCOTLS)



## Virtual Laboratories

- Remote Triggered Labs
- Simulation Labs
- Measurement Labs



Quantum and Nano Computing  
Virtual/ Consciousness Center  
Superintelligence & Robotics



MEG Facility

Sir Roger Penrose

Information-communication-neuro-cognitive-Technologies Assisted Language Lab (i-c-n-c-TALL)



## e-Services

- EdRP Software

3G-5G & IoT/  
Rural  
Connectivity



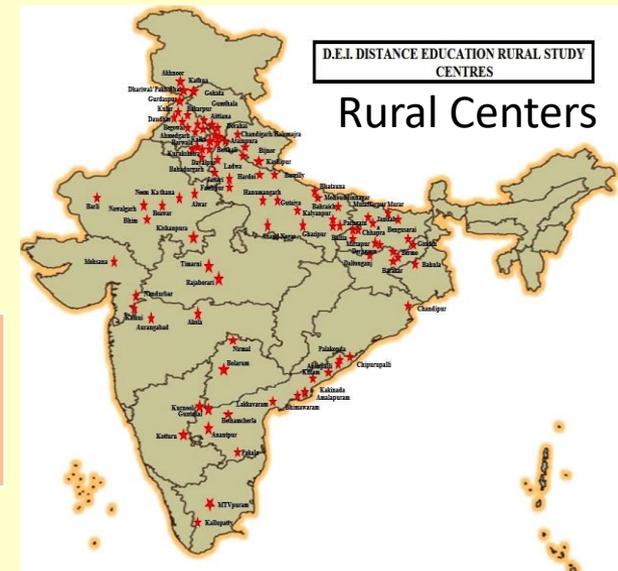
Hole  
in the  
Wall



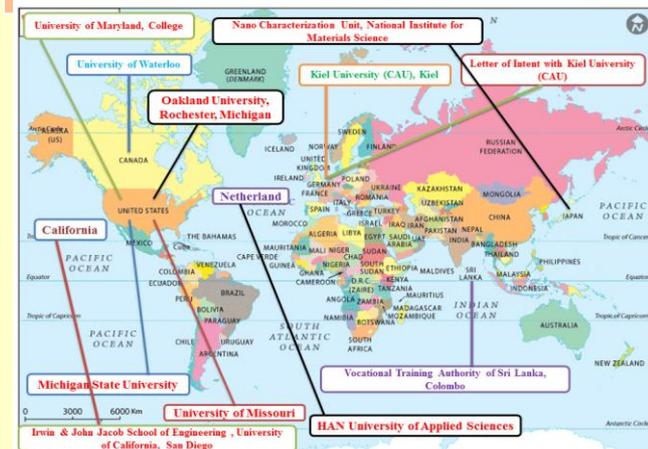
Telemedicine



Networking: 450 ± 1 Centers in India  
& Abroad/ EDUSAT 57 Locations



Collaborations & MoUs: 45 National  
19 International; 33 Industry Partners  
44 Research Collaborations, 5 Hospitals



# Historical Development of Education, Industry and Agriculture: Synergy with Dayalbagh

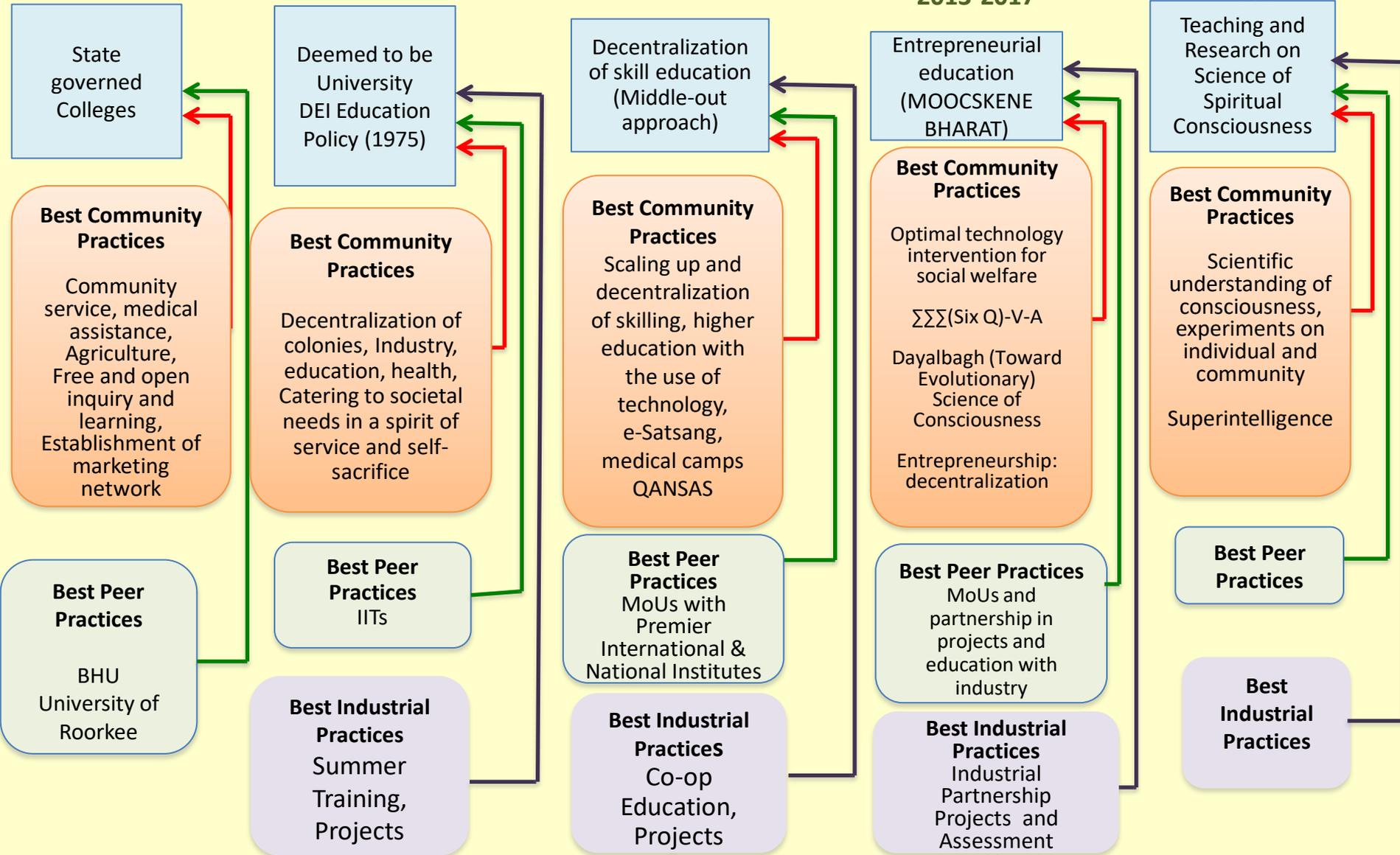
## Pre-University 1917-1980

## University and Expansion 1981-2003

## Decentralization of Skill Education 2004-2012

## Entrepreneurial Education & Consciousness Studies 2013-2017

## University for Consciousness Studies 2017-



# DEI Vision and Mission

**A Leading Teaching-cum-Research Institute  
with focus on**

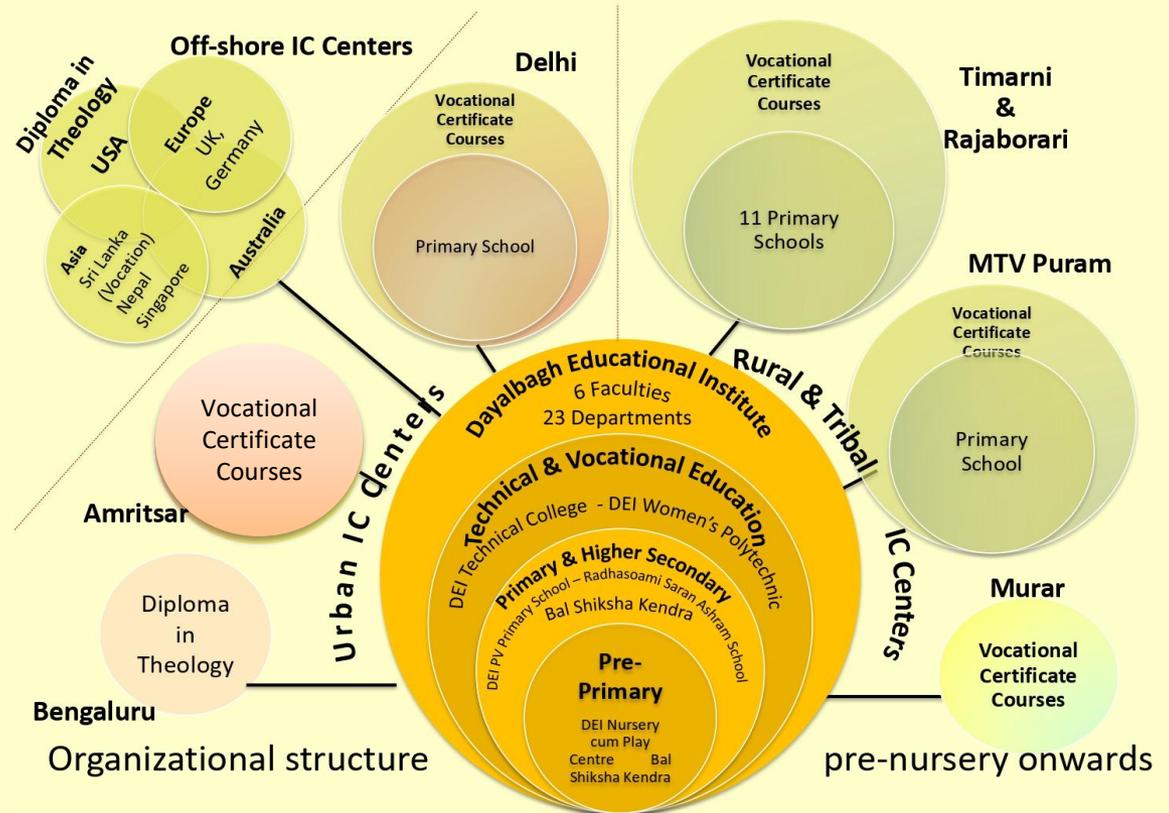
**Entrepreneurial Education and Consciousness Studies**

A model Deemed to be University that believes in **excellence with social relevance**, imparting **values-based and quality education**, with the objective of **reaching the last, the least, the lowest and the lost**; contributing to nation and community by **empowering weaker sections, women and children**; building the economy through **research and frugal innovation** anchored in the principle of achieving **more with less**.

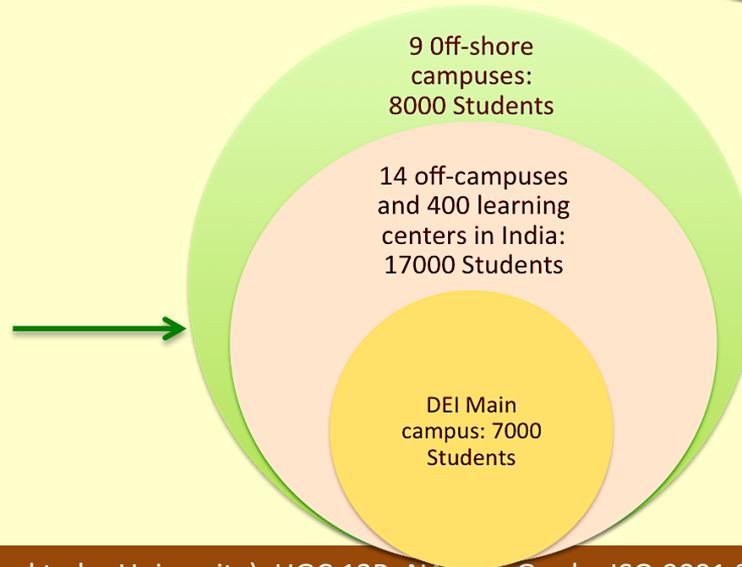
# Present Organizational Structure and Future Plans

## Admission Plan

- Need-blind, merit-based admission for all, even those without means
- Recognition of prior learning
- Progression and pathways with multiple exits and entries



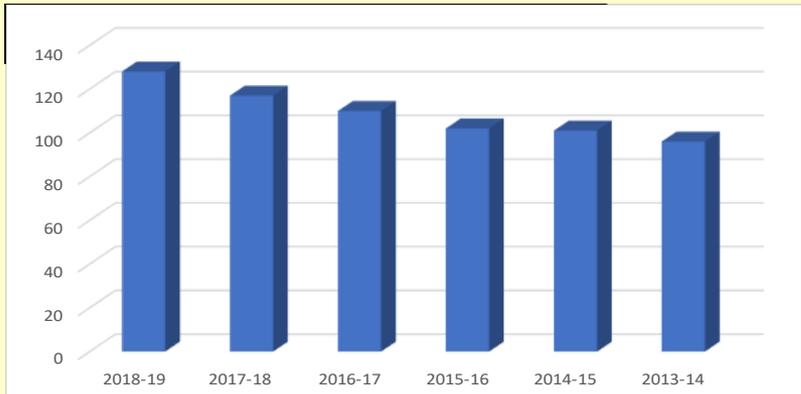
## Expansion Plan (2020-32)



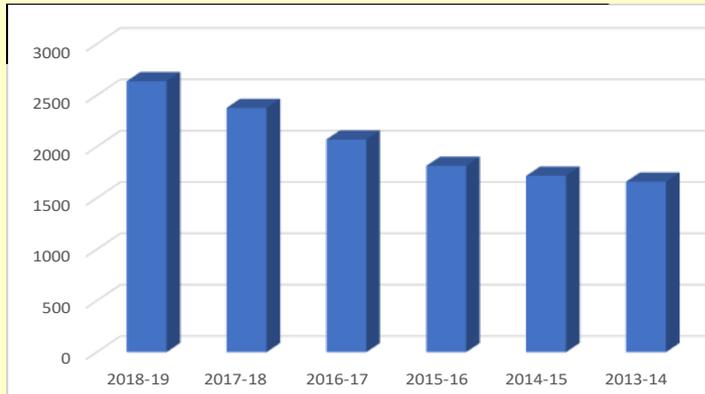
- |                     |             |
|---------------------|-------------|
| • Regular Faculty:  | 700         |
| • Emeritus Faculty: | 200         |
| • Honorary Faculty: | 200         |
| • Adjunct Faculty:  | 100         |
| • Visiting Faculty: | 100         |
| • Mentors:          | 1200        |
| • Facilitators:     | 600         |
| <b>Total:</b>       | <b>3100</b> |

# METRICS

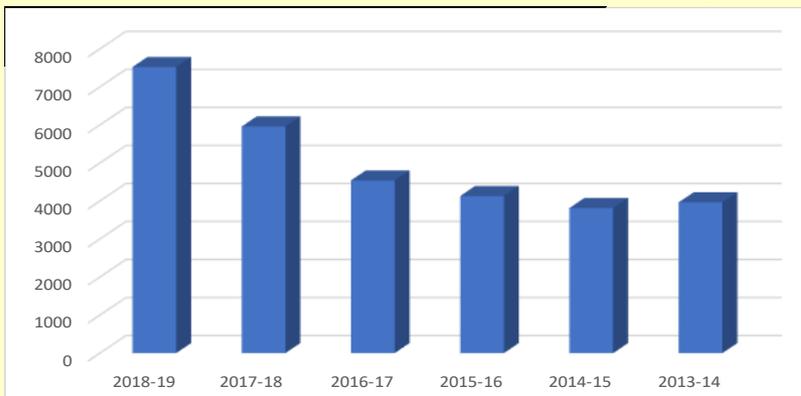
No. of Programmes



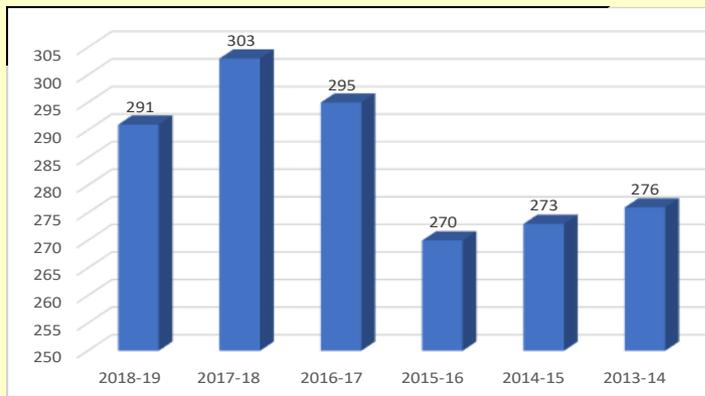
No. of Courses



No. of Students



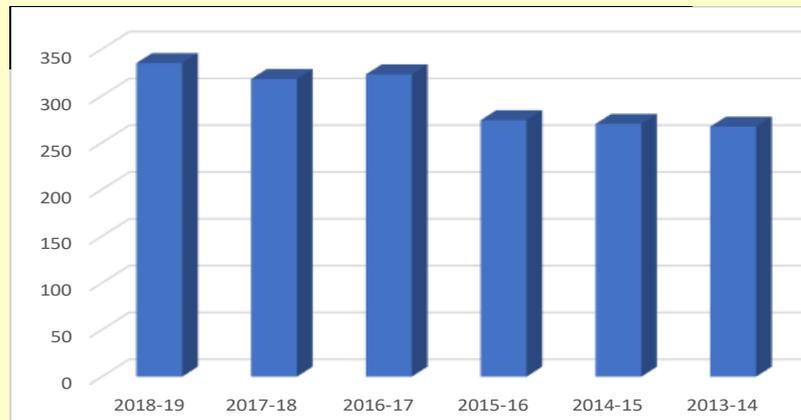
No. of Full-Time Teachers



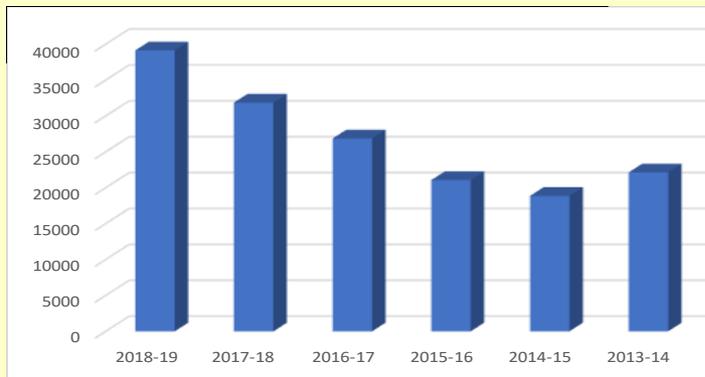
**Teacher – Student Ratio (2019): 1:26**

**68% Girls; 49% Women Staff**

No. of Sanctioned Posts



No. of Applications for Admission



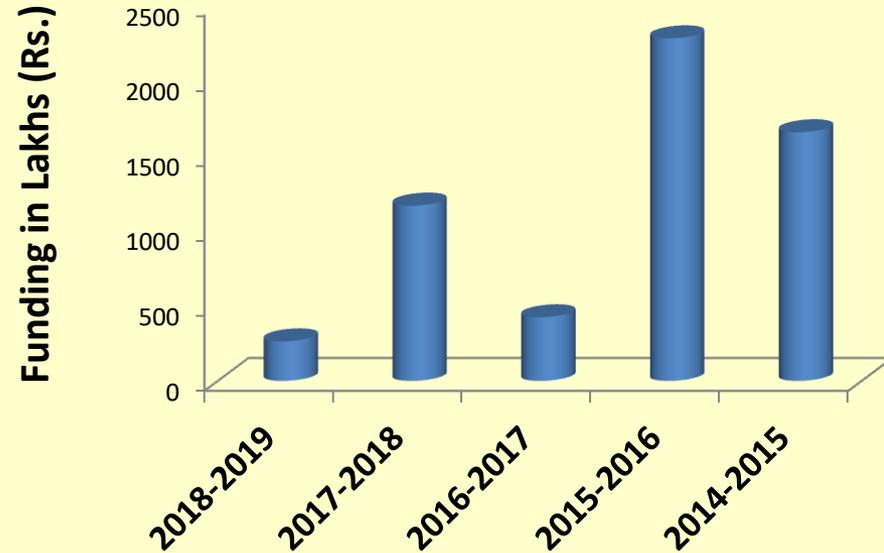
# Research @ DEI

**h-Index of DEI: 53**

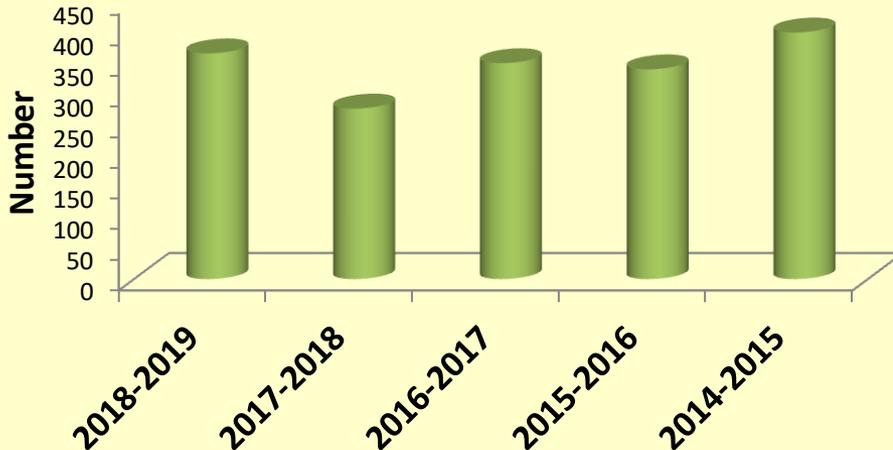
**Last five years:**

- *Patents Granted* : 5
- *Patents Filed* : 4
- *Citations* : 13,764
- *Confs./Seminars/Workshops: 81*
- *UGC-SAP funded Depts.* : 6
- *DST-FIST funded Depts.* : 6
- *Average Placement & Progression to Higher Studies : 91 %*

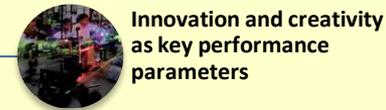
## Grants for Research Projects



## Publications

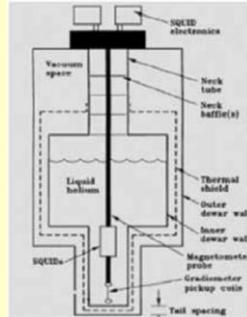


## Societal Impact



# Dayalbagh (Toward Evolutionary) Science of Consciousness

Experimental studies on Dayalbagh (Toward Evolutionary) Science of Consciousness are facilitated by the SQUID (Super-conducting Quantum Interference Device) MEG facility in the DEI Centre for Consciousness Studies



Sir Roger Penrose at DEI MEG (2013)



**(i-c-n-c) TALL** facilitates teaching and learning of various languages using technology and promotes interdisciplinary research in consciousness, literature, language learning and teaching.



The **Superman Evolutionary Scheme** is an experiment in early childhood education and consciousness.

From n-qubit multi-particle quantum teleportation modelling to contextuality based quantum teleportation and beyond

Dayal Pyari Srivastava<sup>1</sup>, Vishal Sahni<sup>2</sup> and Prem Saran Satsangi<sup>3</sup>

<sup>1</sup>Department of Physics and Computer Science & Quantum Nano Systems Centre, Dayalbagh Educational Institute, Agra, India; <sup>2</sup>Quantum Nano Systems Centre & Centre for Consciousness Studies, Dayalbagh Educational Institute, Agra, India; <sup>3</sup>Advisory Committee on Education, Dayalbagh Educational Institute, Agra, India

**ABSTRACT**  
This paper further generalizes the modelling framework for contextuality based quantum teleportation to n-dimensional quantum states, or n-qudits (quantum odd-prime based units) which holds considerable promise for even higher mathematical abstractions. The proposed generalization extends the two states in the qubit model to n states and this is qualified towards infinity. We are heading towards point-sized loops or free-grained particles of nature, which have been rejected out of hand by string theorists. It is not physical reality when measured from the sense of Planck's length  $10^{-35}$  metres, but free-grained particles than Planck's length  $10^{-16}$  metres may exist, although, they are not matter anymore. We argue that why stop at degree of freedom of three, but instead pursue quantum odd prime based units with higher degree in such as 5, 7, 11, 13, 17 and so on till  $n^{\text{th}}$  degree of freedom even tending to infinity. String theorists admit to multiple landscapes with higher degrees of freedom which points its uniqueness both for particles free than  $10^{-16}$  metres as well as distances greater than  $10^{16}$  light years. Modern research by physicists and mathematicians including Roger Penrose, Max Tegmark, Nick Bostrom and Herbert Bernstein provides scientific basis to this work.

**ARTICLE HISTORY**  
Received 28 June 2015  
Accepted 8 March 2017

**KEYWORDS**  
Qudits; teleportation; contextuality

# THE SECOND INTERNATIONAL CONFERENCE ON DAYALBAGH SCIENCE OF CONSCIOUSNESS

## DSC 2020

**MAY 22, 2020, WATERLOO, ONTARIO, CANADA**

**(European leg on May 25, 2020 at Christian Albrechts University, Kiel, Germany)**

*"Providence has located within the human body a special spiritual faculty, and it is the exclusive function of religion to teach man all about that faculty. When that faculty is developed in us like our other physical and mental faculties, we shall be able to perceive Truth and realize Ultimate Reality in the same manner as we perceive and realize the sun with our physical eyes. And when this takes place, you will be both astonished and amused to find that Truth – the goal of science, Ultimate Reality – the goal of philosophy, and God – the goal of Religion, are but three names of the same Supreme Essence."*

- Sir Sahabji Maharaj, Founder of Dayalbagh  
Convocation Address at Agra University (1935)



### EMERITUS CHAIRS

#### **East**

**Revered Prof. Prem Saran Satsangi**

*Emeritus Chairman,  
Advisory Committee on Education,  
Dayalbagh Educational Institutions, India*

#### **West**

**Prof. Peter H. Roe**

*Professor Emeritus,  
Systems Design Engineering,  
University of Waterloo, Canada*



TSC 2013 at DEI, Dayalbagh



DSC 2019 at Waterloo, Canada

### CHAIRS

- Mr. Prem Prashant, DEI, India
- Prof. Mark Juergensmeyer, UC Santa Barbara, USA
- Prof. Subhash Kak, Oklahoma State Univ., USA
- Prof. Elizabeth Behrman, Wichita State Univ., USA
- Prof. P. Sriramamurti, DEI, India

- Prof. Anna Horatschek, CAU, Kiel, Germany
- Prof. James Barrell, Univ. of West Georgia, USA
- Prof. David Christopher Lane, MTSAC, California, USA
- Prof. Keith Hipel, Univ. of Waterloo, Canada
- Prof. Rocco Gennaro, Univ. of Southern Indiana, USA

**Organizers:** Dr. Apurva Narayan, University of Waterloo, Canada  
Prof. Anand Srivastav, Christian Albrechts University, Kiel, Germany

**VISION TALK**  
**Dayalbagh**  
**(TOWARD EVOLUTIONARY)**  
**Science of Consciousness**

*Prof. Prem Saran Satsangi*  
*Leader of Radhasoami Faith, Dayalbagh*  
*and*  
*Chairman, Advisory Committee on Education*  
*Dayalbagh Educational Institutions*  
*Dayalbagh, Agra, INDIA*

**DSC 2020**  
**Second International Conference on**  
**Dayalbagh Science of Consciousness**  
**e-(online) Video Conferenced Mode**  
**eDEIwww.education**

**May 22, 2020**  
**University of Waterloo, Canada**

# eDEIwww.education

About eDEIwww.education | DEI



You are here: Home

## Important Links

- [A study of the Best Practices of Dayalbagh Educational Institute for COVID & Post COVID Scenario.](#)
- [Assessment of activities & features of dayalbagh educational institute for global competencies & sustainable development goals 2018-2020](#)

## Key Features

- Program is available anytime and anywhere.
- Candidates get material which is self-explanatory and interactive.
- Online videos and synchronous contact through Skype / Polycam systems
- Online submission of assignments
- Centre based examinations.

## About eDEIwww.education

Dayalbagh Educational Institute (DEI) is all set to embark on fully online delivery of certificate Courses, Diplomas and Degree programmes through e-DEI-World Wide Web (Not for profit) or **eDEIwww.education**. Each program is divided as modules of 2-3 courses with 9 weeks duration. The modules are administered in an online format involving standard web-based delivery components as well as a unique aspect of online consulting and discussion forums through audio and video conferencing. A student will enrol for a module or a program and after completing the requirements for the module or the program will be awarded a module or program completion certificate.

The subjects for certificate programmes will range from common soft skills to highly demanded management to contemporary nano technology and esoteric consciousness studies. Gradually the programmes will include Diplomas and Degrees in Management, Computer Science and Engineering. For these programmes, Personal Contact Modules will be organized for the students of the professional programmes so that a unique experience is created.

### Programmes offered:

1. Post Graduate Certificate in Financial Services (PGCFS): [Download Prospectus here](#)

# Research Divisions

## RESEARCH PLAN:

### Interdisciplinary Research Divisions

- **Esoteric Art & Science:** Life, Birth, Death, Rebirth, Stages of Meditation, Existence of God, Internet of Consciousness or Mind, Comparative Study of Faith & Ideology
- **Digital Life:** Artificial Intelligence, Logic, Performing Arts, Visual Arts, Values & Ethics
- **Thinkism:** Systems Thinking, System of Systems, Multi-disciplinary Thinking
- **Life & Mathematics:** Topology, Geometry, Quantum Science, Quantum Information & Computation, Neurotheology, Brain Modeling & Cognition
- **Sustainability** (ΣΣΣ(Six Q)-V-A Way of Life): Agriculture, Community Life, Infrastructure, Earth & Atmosphere
- **Classical Studies:** Mythology, Civilization, Culture, Linguistics
- **Agriculture:** Climate Smart Agriculture, Green Technology Integration, Organic Regenerative & Exotic agriculture
- **Entrepreneurship:** Frugal & Jugaad, Minimalism, Skilling to Job Creation
- **Maintenance Network:** Total Preventive, Software Testing, HRD for Residual Life Prediction, Health



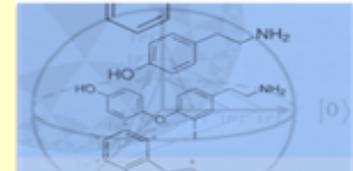
Esoteric Art & Science



Digital Life



Thinkism



Life & Mathematics



Sustainability



Classical Studies



Agriculture



Entrepreneurship



Maintenance Network

# From $n$ -qubit multi-particle quantum teleportation modelling to contextuality based quantum teleportation and beyond

Overview of attention for article published in International Journal of General Systems, January 2017



About this Attention Score

In the top 5% of all research outputs scored by Altmetric

- Mentioned by
- 51 news outlets
  - 2 blogs
  - 14365 tweeters
  - 14 Facebook pages
  - 375 Google+ users
  - 3 Redditors
  - 1 video uploader

Readers on

- 17 Mendeley

- SUMMARY
- News
- Blogs
- Twitter
- Facebook
- Google+
- Reddit

**Title** From  $n$ -qubit multi-particle quantum teleportation modelling to  $n$ -qudit contextuality based quantum teleportation and beyond

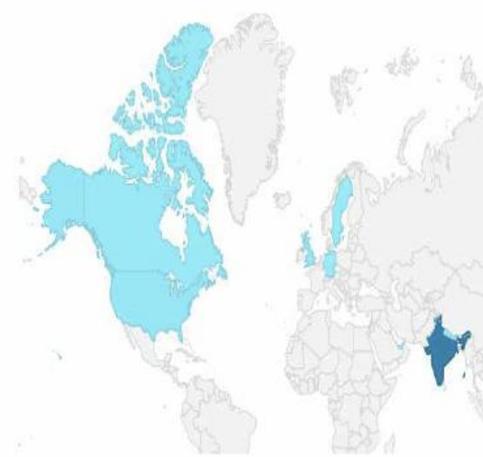
**Published in** International Journal of General Systems, January 2017

**DOI** 10.1080/03081079.2017.1308361

**Authors** Dayal Pyari Srivastava, Vishal Sahni, Prem Saran Satsangi

TWITTER DEMOGRAPHICS MENDELEY READERS

The data shown below were collected from the profiles of 14,365 tweeters who shared this research output. [Information was compiled.](#)



# From $n$ -qubit multi-particle quantum teleportation modelling to $n$ -qudit contextuality based quantum teleportation and beyond

Dayal Pyari Srivastava<sup>a</sup>, Vishal Sahni<sup>b</sup> and Prem Saran Satsangi<sup>c,‡</sup>

<sup>a</sup>Department of Physics and Computer Science & Quantum-Nano Systems Centre, Dayalbagh Educational Institute, Agra, India; <sup>b</sup>Quantum-Nano Systems Centre & Centre for Consciousness Studies, Dayalbagh Educational Institute, Agra, India; <sup>c</sup>Advisory Committee on Education, Dayalbagh Educational Institutions, Agra, India

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This paper further generalizes the modelling framework for contextuality based quantum teleportation to  $n$ -dimensional quantum states, or  $n$ -qudits (quantum odd-prime based units) which holds considerable promise for even higher mathematical abstraction. The proposed generalization extends the two states in the qubit model, to  $n$  states and this  $n$  could tend towards infinity. We are heading towards point-sized loops or fine-grained particles of nature, which have been rejected out of hand by string theorists. It is not physical reality when measured from the sense of Planck's length of  $10^{-35}$  metres, but finer-grained particles than Planck's length  $10^{-35}$  metres may exist, although, they are not matter anymore. We argue that why stop at degree of freedom of three, but instead pursue quantum odd-prime based units with higher degree  $n$  such as 5, 7, 11, 13, 17 and so on till  $n^{\text{th}}$  degree of freedom even tending to infinity. String theorists admit its multiple landscapes with higher degrees of freedom which points its uniqueness both for particles finer than  $10^{-35}$  metres as well as distances greater than  $10^{10}$  light years. Modern research by physicists and mathematicians including Roger Penrose, Max Tegmark, Nick Bostrom and Herbert Bernstein provides scientific basis to this work.

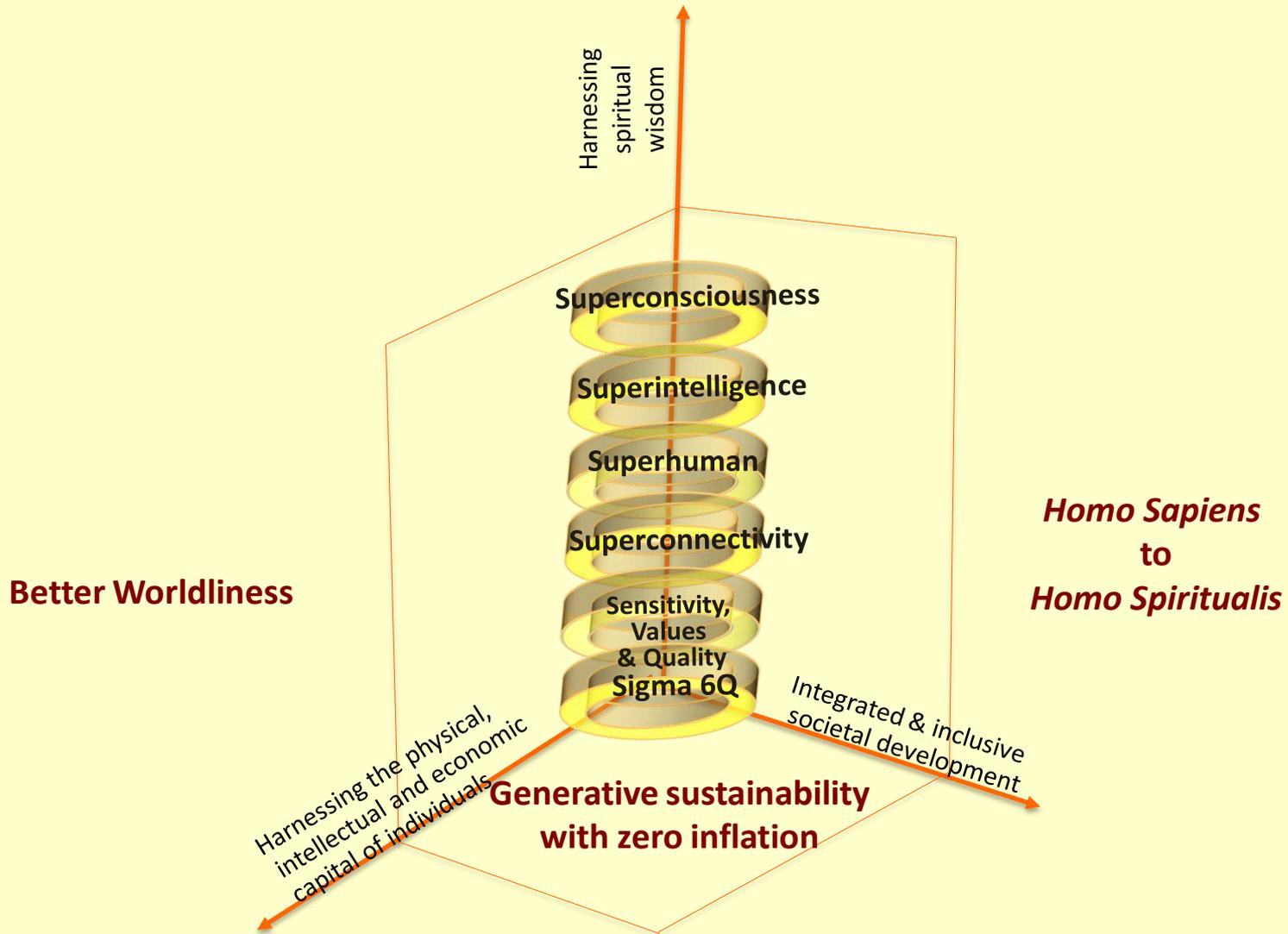
ARTICLE HISTORY

Received 28 June 2016  
Accepted 9 March 2017

KEYWORDS

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# Ultimate Objective



# Financial Support

Rs. in lakhs

Year	GRANT RECEIVED FROM UGC					TOTAL GRANT RECEIVED	GRANTS UTILISED		
	OH-36	OH-31	OH-35	Grant for EWS	Building		OH-36	OH-31	OH-35
	Salary	Pension, Non-salary, Grant In Aid	Capital Assets				Salary	Pension, Non-salary, Grant In Aid	Capital Asset
2019-20	4,333.25	515.86	542.92	0.00	0.00	<b>5,392.03</b>	4,426.07	1,164.97	734.10
2018-19	4,719.51	Included in OH 36	837.11			<b>5,556.62</b>	4,700.17	490.98	1,330.58
2017-18	4,113.50		1,059.50			<b>5,173.00</b>	4,323.30	389.19	24.48
2016-17	2,942.80		217.50			<b>3,160.30</b>	2,969.12	425.76	254.59
2015-16	2,745.65		110.00			<b>2,855.65</b>	2,733.59	306.39	15.48

*NOTE: There was a shortfall in the Financial Year 2019-20 under the Head Pension of Rs. 223.42 lakhs & Non -salary of Rs. 261.01 lakhs & Grant-in aid General of Rs. 16.21 lakhs met by taking bank loans.*

# Financial Support

- UGC communicated the MHRD instruction for implementation of EWS Schemes.
- DEI submitted its requirement as given bellow vide letter dated 31-01-2019.
- DEI has implemented the EWS Schemes and admitted 1165 students (15%) in the session 2019-20.
- However, no grant has so far been received.

## EWS REQUIREMENTS

Head	Items	Amount (Rs in lakhs)
OH-36	Teaching and Non- Teaching Salary	2141.00
OH-31	Contractual Staff and Other Expenditure	767.00
OH-35	Creation of Capital Assets	24600.00
	<b>Total</b>	<b>27508.00</b>

*Further, the Institute has already implemented OBC Reservation Scheme for which construction of Lecture Hall Complex was approved by the UGC Empowered Committee (Rs. 1154 lakhs) for which funds are yet to be received.*

# A SURVEY STUDY FOR ASSESSMENT OF ACTIVITIES & FEATURES OF DAYALBAGH EDUCATIONAL INSTITUTE FOR 11 GLOBAL COMPETENCIES & 17 SUSTAINABLE DEVELOPMENT GOALS

Survey - 09

Respondents - 10149

International Participants - 26

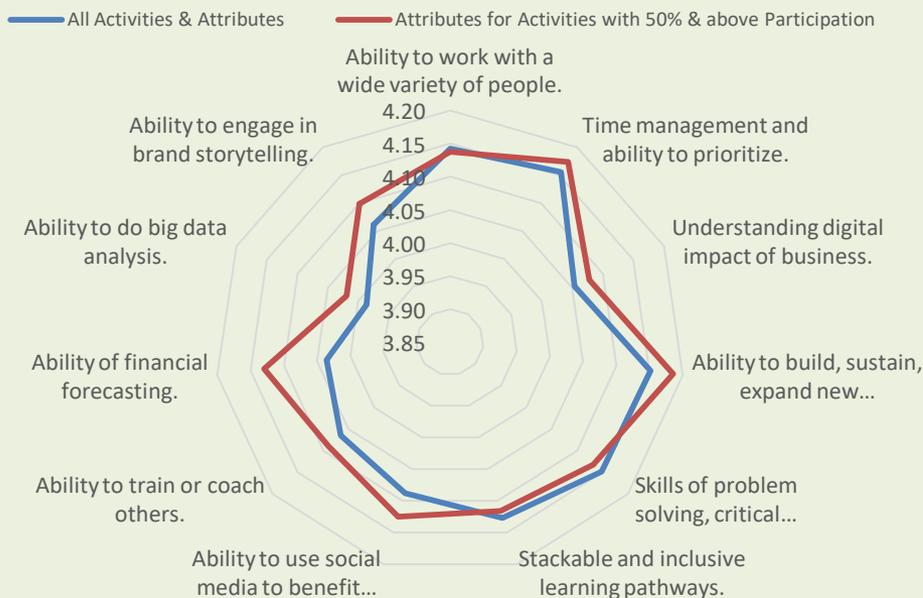
## 69 Activities and their attributes mapped with 11 Global Competencies:

- All activities contributed significantly
- NSS/NCC, Agriculture Operations, Rural Development Core Courses prominently develop attributes like dignity of labour, social sensibility for a classless-creedless society.

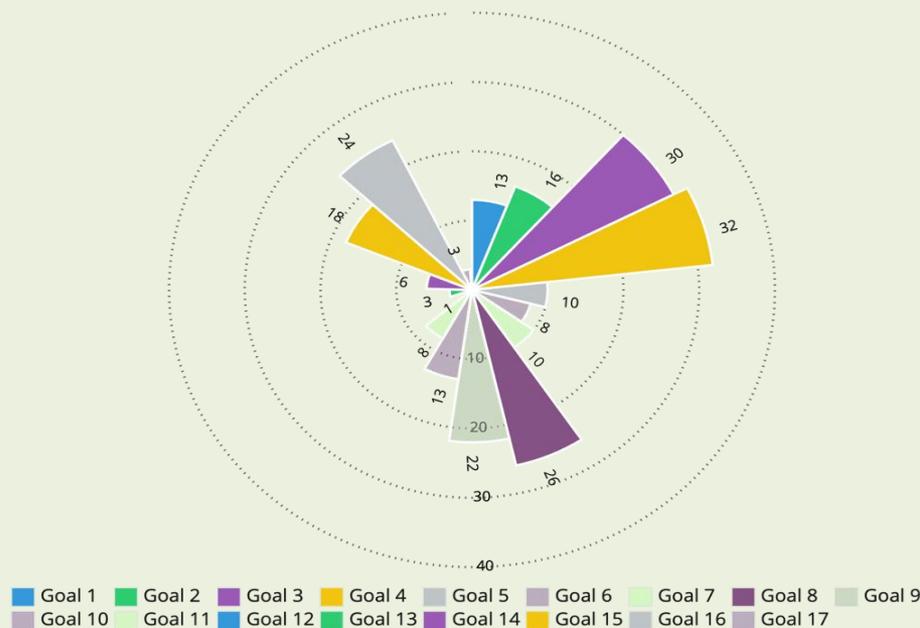
## 34 Activities & features mapped with 17 UN Sustainable Development Goals (SDG):

- Complete coverage of all the 17 SDGs
- Out of 34, 32 contribute to **Quality Education**, 30 to **Good Health and well-being**, 26 for **Decent Work and Economic Growth**, and 24 for **Peace, Justice and Strong Institutions**.

DEI Activities and Global Competencies



Number of DEI Activities & Features Contributing to 17 SDGs



# BEST PRACTICES OF DEI DURING COVID-19 PANDEMIC



## Teaching & Learning

- *Adherence to Academic Calendar*
- *Regular Classes via Online Platforms*
- *Regular assessment & semester exams via online mode*
- *Uniquely designed Take Home Exam based on Learning Outcomes & Higher Order Thinking Skills*
- *Virtual Labs for conducting Practical Exam*
- *Conference Tools for Viva & GD/Seminar*
- *Support for Hindi language users*
- *Flexibility for all learners*



## Community Practices

- *Mandatory use of helmets and masks in & around campus*
- *Regular Screening of staff and students by Doctors 24 x 7*
- *Free distribution of Homeopathy Medicine*
- *Social Distancing strictly followed*
- *Sanitization of vehicles and premises*
- *Working in shift under hygienic conditions*
- *Volunteering for continuity of essential services*
- *Health Exercise and PT for women & children*



## Outreach Activities

- *Empowering Local SHG for mask production*
- *Online workshops & webinars for training teachers (1900)*
- *Awareness through newspaper, poster, video messages (>30), songs & poems by NSS volunteers on social media platforms*
- *Sanitization of village*
- *In tribal area of MP, SHG preparing masks, converting farm produce into long shelf life products, free medical service to 25000 villagers and distribution of food.*

Successfully conducted Research Entrance Test written and interview in online mode for 650 applicants in the month of March as per schedule.

*“You see things; and you say, ‘Why?’  
But I dream things that never were;  
and I say, ‘Why not?’”*

**-GEORGE BERNARD SHAW**

**Thank You**

# Glossary

6S: Superconsciousness, Superintelligence, Superhuman, Superconnectivity, Sensitivity Values and Quality and

AAM: Automotive and Multi-skilled

ADyNAM: Agricultural and Dairy Nano Processing of Multi-Products

Agri. Op.: Agricultural Operations

ATMA: Apparel and Toy Making Association

CCA: Co-curricular Activities

CEC : Cultural Education Course

CRC: Children Recreation Centre

CRC: Comparative Study of Religion Course

EdRP: Educational Resource Planning

EU-DST: European Union – Department of Science and Technology

EWS: Economically Weaker Section

GD: Group Discussion

GKC: Scientific Methodology, General Knowledge and Current Affairs

liCOURE: India-International Centre of Urban-Rural Entrepreneurship

IOT: Internet of Things

MEG: Magnetoencephalography

MIT : Massachusetts Institute of Technology, USA

MNRE: Ministry of New and Renewable Energy

MOOCSKENE BHARAT: Massive Open Online Courseware Skilling and Entrepreneurial Network for India

MTV Puram: Melathiruvankatanathapuram, Tamil Nadu

NFE: Non-Formal Education

NIRF: National Institutional Ranking Framework

NSQF: National Skills Qualification Framework

PMMMNTT: Pt. Madan Mohan Malaviya National Mission on Teachers and Teaching

PT: Physical Training

QANSAS: Quantum and Nano Computing Systems and Applications

RDC: Rural Development

REZ to SEZ: Rural Economic Zone to Special Economic Zone

SHG: Self Help Group

SWAYAM: Study Webs of Active Learning for Young Aspiring Minds

Triple Sigma Q-V-A: Triple Sigma Qualities, Values and Attributes