

# **Dr R.K. Agarwal, Director General Ajay Kumar Garg Engineering College, Ghaziabad**

- **B.Tech : IIT, Kanpur**
- **M.S. : CIT, Canfield, UK**
- **PhD : IISc, Bangalore**

## ***Experience***

- **Indian Air Force & DRDO (28 years)**
- **Director AKGEC (Since 2004)**
- **Member Aeronautical Research & Development Board (2002-2004)**
- **President, Ghaziabad Management Association (2015-2017)**
- **Member CII, Western UP Council**
- **Member, BoS and Central Admissions Board at AKTU**
- **Member, National Committee on UHV**



## ***Focus Areas***

- **Academic Excellence and All Round Development of Students**
- **Industry Academia Collaborations**
- **Inculcating Human Values, Ethics, work culture and positive attitude**



**Sharing Session by :**

**Dr R K AGARWAL, DIRECTOR GENERAL  
AJAY KUMAR GARG ENGG. COLLEGE, GHAZIABAD  
WORKSHOP ON ROLE OF UHV**

# **Present State and Need for Integrating Universal Human Values in Education System**

- **Focus on Academic Excellence (Results) ; Employability etc.**
- **Over emphasis on skills (How but not What and Why?)**
- **Misconception about physical facilities leading to happiness**
- **Lack of right understanding and importance of Relationships**
- **Lack of awareness about importance of Nature and its Maintenance**
- **Internal conflict, Contradictions, Stress, Aggression, Corruption, Exploitation of nature**

# INITIATION OF UHV PROGRAMME

- **Introduction of Compulsory Foundation Course on UHVPE for all students from Academic Session 2009-2010**
- **Initial concerns and challenges:**
  - \* **Can Human Values be taught as a course?**
  - \* **Acceptance, Effectiveness and Impact was not certain**
  - \* **Preparation of Engineering Faculty to deliver the foundation course on UHVPE**
  - \* **Reorientation of faculty from being 'sage on the stage to guide by the side' for facilitating self exploration and experiential validation of proposals**

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# APPROACH TO INTEGRATING HUMAN VALUES IN EDUCATION

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**Courses & workshops**

**Responsibility towards Nature**

**Civic & Social Responsibility**

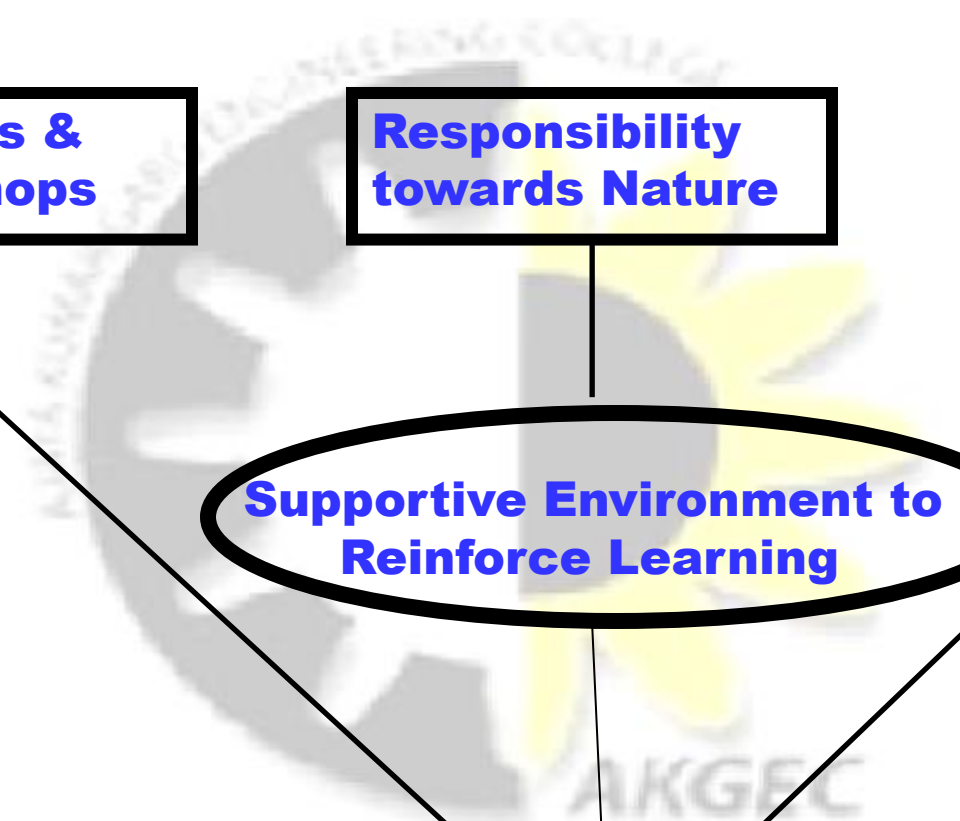
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**Supportive Environment to Reinforce Learning**

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**HOLISTIC HUMAN EDUCATION**



# ACTIVITIES AT AKGEC

## COURSES & WORKSHOPS

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- Director, all HODs and Deans have undergone 8 days orientation programme (Level - 1 FDP)
- All HODs and Deans have also undergone Refresher Course

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- 196 (Approx 90%) Faculty members trained through 8 days' Workshops (Level - 1 FDP)
- 103 Faculty members have undergone Refresher or Level - 2 FDP

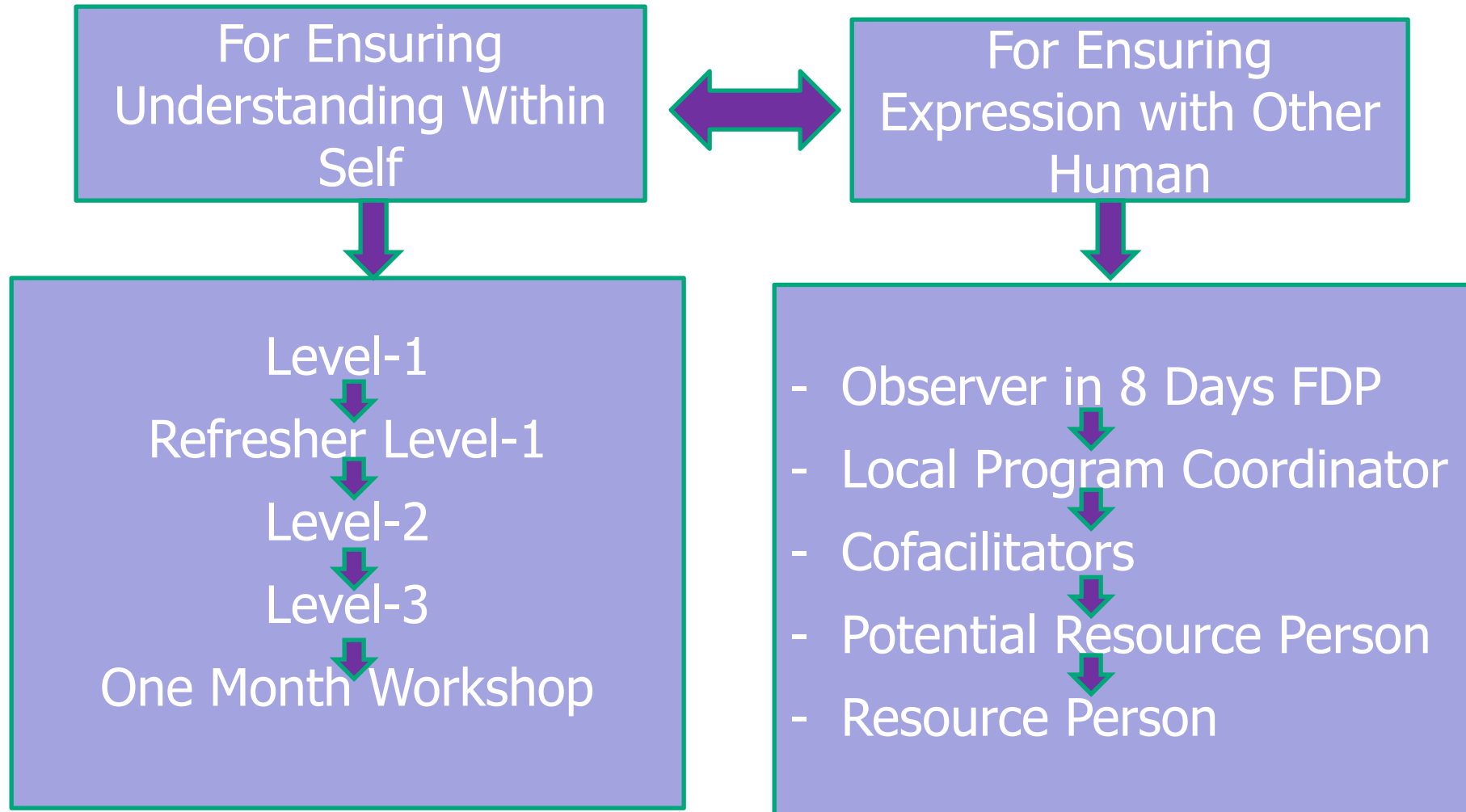
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- 16 Faculty Members have undergone Advanced Level - 3 FDP
- 3 Qualified Resource Persons and 6 Co-Facilitators developed at the college

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- Short Term (3 days') in-house Workshops for all non teaching staff members

# RESOURCE PERSON DEVELOPMENT PROCESS



# ACTIVITIES AT AKGEC

## Additional Efforts to increase Effectiveness

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- **Weekly meetings / sharing sessions (1:30 hours) for interested faculty to reinforce implementation of values in their lives**
- **Weekly UHVPE Book Reading ( 1:30 hours) and clarification of doubts of faculty teaching UHVPE for effective delivery in classes**

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- **Fortnightly meetings / sharing sessions (1:30 hours) with non teaching staff members**
- **Introducing faculty to Level - 2 contents through Audio / Video Lectures etc to make them potential Resource Persons**

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- **Evening Workshops for students in hostels**
- **Weekly meetings of students and UHV Faculty (Mentor)**
- **Advanced Elective Courses in UHV for 4<sup>th</sup> year students**
- **Invited lectures and one day workshops by Spiritual Leaders and Experts**

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# VALUE EDUCATION CELL

## ORGANIZATION

**Dr R K AGARWAL**  
**DG and Chairperson, VE Cell**

**Prof. V K Parashar**  
**DSW and Convener, VE Cell**

**Faculty Members**

- **Mr. Gopal Babu, IT (co-coordinator, VE Cell)**
- **Mr. R P Singh, EC (coordinator NCCIP )**
- **Mr. Shashank, CSE**
- **Mr. Akhilesh Verma, CSE**
- **Mr. Ritesh Sharma, EN**
- **Mr. Prashant Agarwal, CE**
- **Mr. Mayank K. Tiwari, ME**
- **Mr. Jitendra Chabra, EC**
- **Mr. Dheeraj K Singh, MCA**
- **Dr. Parul Verma, ASH**

**Student Members**

- **Arun K. Maurya, EN 4<sup>th</sup> year.**
- **Akshat Srivastava, CE 4<sup>th</sup> year**
- **Vasu Gupta, ME 4<sup>th</sup> year**
- **Devansh Bhatnagar, EN 3<sup>rd</sup> year**
- **Dhairya Saraswat, EN 3<sup>rd</sup> year**
- **Deepak Chaurasia, IT 3<sup>rd</sup> year**
- **Dhairya Saraswat, EN 2<sup>nd</sup> year**
- **Himanshu, EN 2<sup>nd</sup> year**

# VALUE EDUCATION CELL

## RESPONSIBILITIES AND ACTIVITIES

- 
- **Sharing Sessions for faculty and staff**
  - **Evening Workshops for students**
  - **Organizing and conducting various levels of FDPs**
  - **Smooth conduct of AICTE – SIP**
  - **Preparing standard PPTs, hand outs and Class Notes for UHV Courses**
  - **Setting Question Papers for Sessional Tests**
  - **Coordinating activities of Nature Club**

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# VALUE EDUCATION CELL

## ACTIVITIES



8 days Orientation Program for Faculty Members



Orientation Program for Director & HODs



Weekly Sharing Session with faculty



Workshop in Hostels

# ACTIVITIES AT AKGEC

## SUPPORTIVE ENVIRONMENT TO REINFORCE LEARNING

- **Emphasis on Moral Values, Ethics, Work Culture and Positive Attitude**
- **Uniform and Transparent Policies and Systems**
- **Unbiased and Fair approach**
- **Zero Tolerance for mis-conduct and indiscipline**
- **Rewards for Honesty and Integrity**
- **Complete Purity in Academic Systems**

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# STEPS TO ENSURE HARMONY WITH NATURE

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**Eco Friendly, Trash Free Green Campus**

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**Rain Water harvesting System and Sewage Treatment Plant**

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**330 KW Solar Power Generation System & Solar Water heaters in all hostels**

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## **Our Mantra**

**“Optimum usage of natural resources used by mankind is the basic need of the day to maintain required balance in nature”**

# CIVIC & SOCIAL RESPONSIBILITIES

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**Annual Blood Donation Camp**

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**Adoption of Refugee Camp (Delhi)**

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**Adoption of Corporation School**

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**Skill Development Programs for village School Students in summer vacation**



**Adarsh Vikas Kendra (Charitable School)**

# IMPACT OF HVPE ON STUDENTS

- **Focused & Sincere approach in academics and other spheres**
  - \* **Consistently Best Results in University with Highest Tally of Medals**
  - \* **Chancellor's Medal for Best Result Across all Branches for 4 years in succession since its inception**
  - \* **Highest number of Medals in Zonal & State Level Sports Meet of AKTU**
- **Tangible change noticed in conduct, behaviour and work ethics**
  - \* **Improved Punctuality and Attendance in classes**
  - \* **Minor offences reduced from 700 to 160 over last 4 yrs**
  - \* **Major offences reduced from 95 to 35**
  - \* **Moving from imposed to Self Discipline**
- **Strong Mentorship among Senior Students for Juniors**
  - \* **Classes for weak students**
  - \* **Training in C++ & Java**
- **Increased involvement in all societies run by students exhibiting Leadership, Team Skills and Mutual Respect**
  - \* **Managing Hostel Libraries and Supporting Main Library**
  - \* **Student Ambassador for COEs**
- **Reduction in Electricity and Food Wastage**
- **Positive Feed back from Corporates leading to improved placements**
- **Ragging Free Campus**

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# IMPACT OF HVPE ON FACULTY & STAFF

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- **Transformation of Faculty is contagious**

- **Improvement in temperament and reduced stress level**

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- **Willingness to accept additional tasks and responsibility**

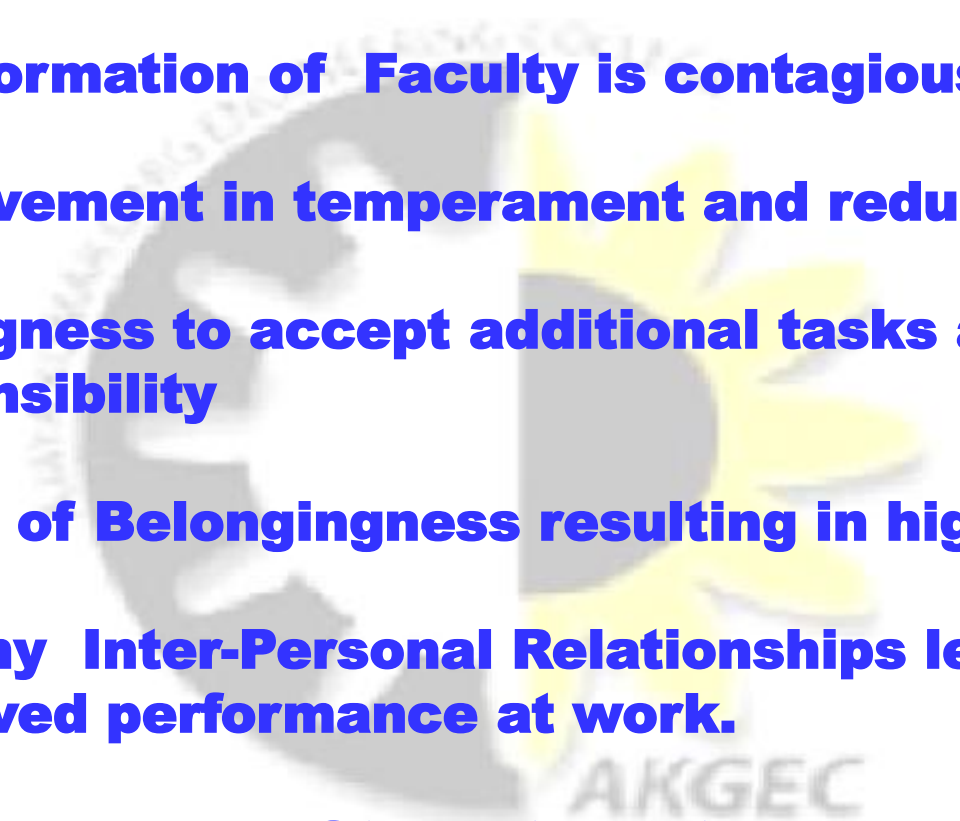
- **Sense of Belongingness resulting in high stability**

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- **Healthy Inter-Personal Relationships leading to improved performance at work.**

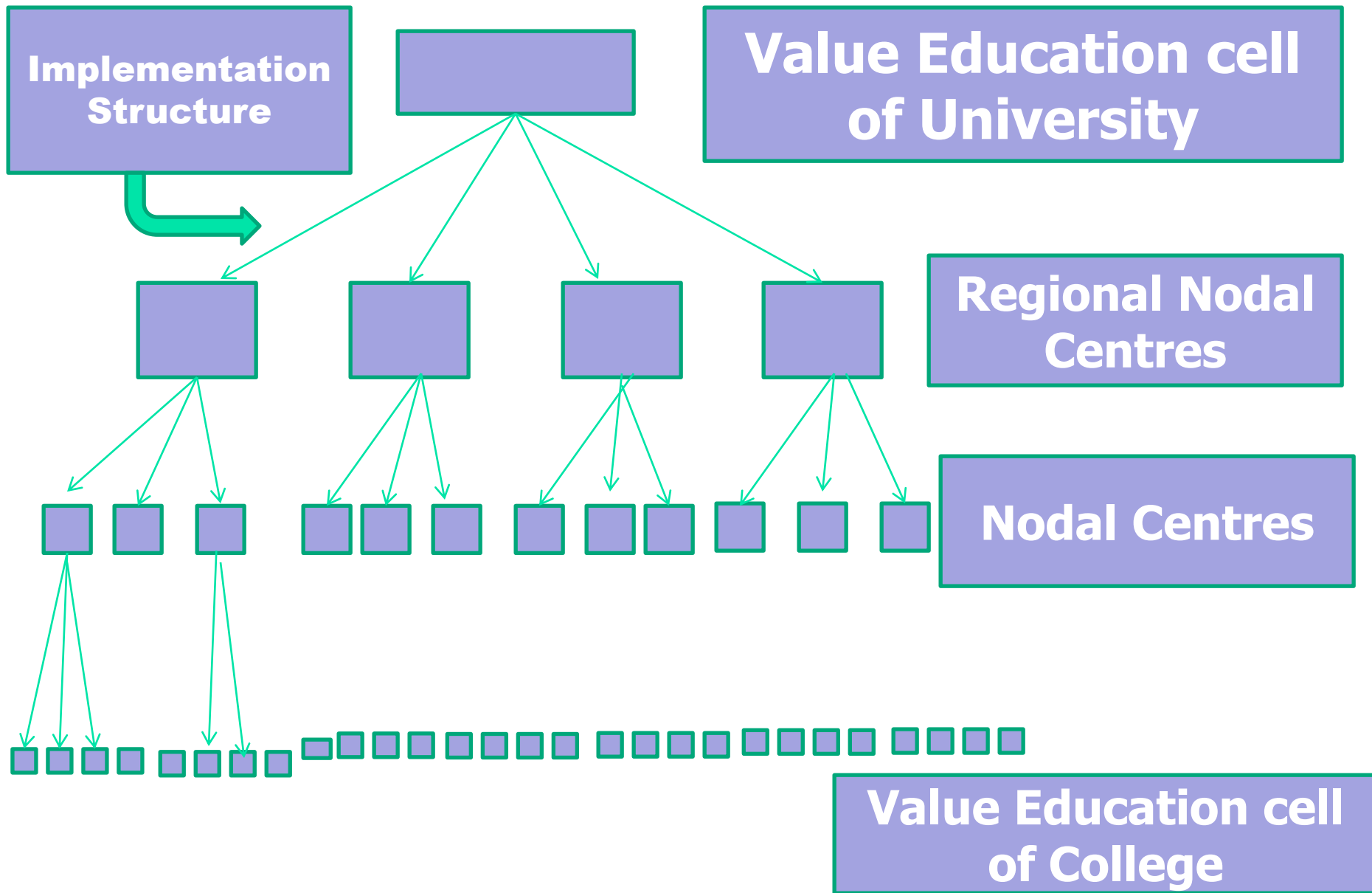
- **Healthy Teacher Student Relationship**

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# IMPLEMENTATION STRUCTURE OF VALUE EDUCATION (AKTU)



# ADDITIONAL RESPONSIBILITIES UNDERTAKEN

- 
- **Regional Nodal Centre for the University (AKTU)**
    - \* **Conducted three 8 days' Level - 1 FDPs for 300 faculty**
    - \* **Conducted two Level - 2 Advanced 8 days' FDPs for 70 faculty**
    - \* **Conducted two Refresher FDPs for 65 faculty**
    - \* **Conducted one Advanced Level - 3 FDP for 23 faculty**
    - \* **Conducted two 8 days' workshops for 130 students**
    - \* **Deputing Resource Persons and Co-Facilitators for various FDPs organized by AKTU and AICTE**
  - **1 Dedicated Faculty to support AICTE National Effort on UHV**

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# SUCCESS

*“To laugh often and much,  
to win the respect of intelligent people,  
to earn the appreciation of honest critics,  
to appreciate beauty, to find the best in others,  
to leave the world a bit better.  
This is to have succeeded”*

**Ralph Waldo Emerson**

**THANK YOU**