

**Section A- Brief Introduction About IRC-UHVE**

An International Resource Centre for Universal Human Values & Ethics (IRC-UHVE or the centre) was established at IKG Punjab Technical University in August 2014 after 3 years of rigorous effort of evaluating the veracity and effectiveness of the Universal Human Values approach to value education. This approach has also been successfully tried out and is now established at 35 universities in 7 states of India and two universities in Bhutan.

The centre coordinates the foundation program at IKG PTU and engages with teachers & students in an effort to develop teachers and entrepreneurs. The overall idea is to develop such people with the vision and competence to develop a humane society. When there are sufficient numbers of such people in any region, a humane family and humane society can slowly materialize.



Students of IRC-UHVE standing at entrance of campus

**Vision**

**The purpose of this centre is the universalisation of human education and progress toward a human society\***

\*A Society is composed of families living in harmony and having a common human goal. A society in which this goal is fulfilled for all human beings, generation after generation is a human society.

Human Goal:

- |                                     |                       |
|-------------------------------------|-----------------------|
| 1. Resolution (Happiness)           | – in every individual |
| 2. Prosperity                       | – in every family     |
| 3. Fearlessness (Trust)             | – in society          |
| 4. Co-existence (mutual fulfilment) | – in Nature/Existence |

The human being, and more specifically, human being having the right perception is central to this human endeavour.

Education that enables right perception is essential for preparing the people who can live with definiteness within, with prosperity in family and contribute a human society.

The IRC-UHVE has been doing the following activities:

- |   |                   |
|---|-------------------|
| 1. <b>Foundation Course on UHVE (in all colleges)</b>                             | <b>since 2011</b> |
| 2. <b>PG Diploma in UHVE</b>  | <b>since 2014</b> |
| 3. <b>M.Tech in Holistic Development- Systems &amp; Technologies (HD-S&amp;T)</b> | <b>since 2014</b> |
| 4. <b>Development of living model at IRC-UHVE</b>                                 | <b>since 2014</b> |
| 5. <b>International Collaborations/Proliferation</b>                              | <b>since 2011</b> |

**1. Foundation Course on UHVE (in all colleges)**

At IKG PTU, a foundation course in universal human values and ethics was introduced in 2011, based on the long efforts in this area compiled at IIT Delhi's National Resource Centre for Value Education in Engineering (NRCVVE). The course adheres to all the MHRD guidelines (universal, rational, verifiable & leading to harmony). Universal human values is based on the natural laws, on reality, as it is – in a way that anyone can understand on their own right, through self-exploration. This course is offered in the form of 3-0-0 mode. The whole course is divided into 5 modules and 28 lectures. This course

is specially designed for preparing professionals or technocrats with blend of values & ethics.

## **2. PG Diploma in UHVE**

This programme is specifically targeted towards preparing teachers in general. It will be of interest to faculty members already teaching Human Values who are committed to deep study of the subject.

**Intake:** 10 Students/ year, 5 students have registered in this session (2016-17) & 3 students registered in the last year session (2015-16)

**Scholarship:** for selected students

**Duration:** Two semesters      1<sup>st</sup> Sem – 5 Courses + 1 Minor Project

**Total Credits:** 40                      2<sup>nd</sup> Sem – 2 Courses + 1 Major Field Work

*Completed 2 years successfully. 4 Diploma students passed out till now.*

## **3. M.Tech in Holistic Development- Systems & Technologies (HD-S&T)**

This M. Tech program is specifically aimed at developing the competence for taking up social entrepreneurship as a viable profession and make effort for prosperity.

**Intake:** 10 Students/ year, 3 students have registered in this session (2016-18) & 4 students registered for session (2015-17)

**Scholarship:** for selected students

**Duration:** Four semesters                      1<sup>st</sup> Sem – 5 Courses

**Total Credits:** 80                                      2<sup>nd</sup> Sem – 5 Courses

3<sup>rd</sup> & 4<sup>th</sup> Sem – Field Work & Major Project

*10 M.Tech Thesis on                      Holistic Themes are underway.*

### **Thesis Title of First Batch (2014-16) students**

- Exploring Holistic Livelihood System, its framework & steps for transformation
- Holistic Approach of Living Through Natural Farming (2 Acres Model)
- Exploring Holistic Livelihood System, its Framework & Steps For Transformation
- Dairy Farm & Possible Holistic Technologies in a Dairy Farm
- Agriculture- A Way of Living
- Developing a Systemic Framework for Holistic Living- Paddy Exchange Storage System in Village Economy

### **Thesis Title of Second Batch (2015-17) students**

- Developing a Self-learning Model for Introducing the foundation course in “Human Values and Professional Ethics” through Distance Education
- Design and Feasibility Analysis of a Holistic Mess System
- Harnessing the Flow Energy of Water using Water Wheel
- Cluster Level Self Reliant Water Management Model

## **4. Development of living model at IRC-UHVE (i.e. establish a Centre of Excellence in Human Education)**

**The institute develops into a live model of living with happiness and prosperity, ,** i.e. on the basis of right understanding and right feeling, behavior, work and participation in the institution order. Programs for self-sufficiency of the institution through cyclic & mutually enriching production activities and take such activities to a scale where all the faculty, staff and students can be supported internally. This will help transform the

institution into a family participating with self-responsibility for a cohesive harmonious journey toward excellence for all

**5. International Collaborations/Proliferation**

ICHVHE, an international conference on universal human values in higher education, has been conducted annually since 2011. It has helped to reach out to universities in India and SAARC nations. **Discussion started with universities of Pakistan – Univ. of Education-Lahore, Univ. of Health Sciences-Lahore & University of Sindh-Jamshoro., Nepal - Far Western University- Kathmandu**

**Section B- Key Goals**

1. To develop resource persons (from teachers, researchers...)
2. Facilitating the Conduct of Foundation Course in all the affiliated institutions
3. Prepare conducive environment through Sharing / proliferating UHV in > 2 universities / year till 100% of universities in India are covered
4. Living model, Centre of Excellence using technology / management (IRC is one example) – as an output, teachers & students are living accordingly & are resource persons

**Section C- Key Achievements (July 2015- Oct 2016)**

1. The Foundation Course in Human Values and Professional Ethics has been introduced in 2011 and is consistently running as an essential credit course in and examinations are conducted in Punjabi, Hindi and English
  - At least 2200 teachers familiarized with UHV out of which 1100 teachers were sensitized in this period
  - 300 senior academicians introduced to UHV
  - About 2,00,000 students were exposed to universal human values
  - The text-book, teacher's manual and other material has been translated into Punjabi in Oct 2012. Workshops are also being conducted in Punjabi
2. Focused effort for preparation of Resource Persons & Entrepreneurs
  - Initiation through 8-day residential Teachers orientation Program (TOP) & Refreshers workshops - Till date 25 TOP's & 3 Refreshers workshops & 18 (3 days awareness workshops) conducted successfully
  - 1-year PG Diploma in Universal Human Values & Ethics- 10 seats
  - 2-year M.Tech in Holistic Development, Systems & Technologies- 10 seats
3. In July 2015, the BoG of IKG PTU initiated a sensitization project for sensitizing all the PTU faculties. A 2 year plan was submitted & approved a sensitization project in its 58<sup>th</sup> meeting held on 21<sup>st</sup> September 2015. To fulfill this, under the Sensitization Project a series of 8 days workshops and 3 days workshops (awareness workshop) were organized from Dec 2015 to Oct 2016. A total of 1100 participants were sensitized through these workshops. Till the date IRC-UHVE has achieved 20% of its year target to sensitize the faculties.
  - We are preparing 10 teachers to accelerate the sensitization project.
  - We are on track to sensitize all PTU teachers by Dec 2017.
4. **The feedback from teachers and students of the foundation course:**
  - 4.1 There is a sense of prosperity – by identifying the definite need for physical facility & producing/having more than the need

- 4.2 More attention toward relationship – with family, colleagues, students...
- 4.3 Relationship is about definite feeling, and it is more important than physical facility
- 4.4 Better attitude of students, particularly towards academics and its impact on employability
  - 4.4.1 Students have become more serious towards their studies
  - 4.4.2 More are looking for deeper knowledge, not just exams
    - More are going for higher studies
    - For some students who were doing very badly, they have improved dramatically (from SGPA of 5 to 9.8)
- 4.5 Increased self-discipline & sense of responsibility, reduced need for enforcement
- 4.6 Significant commitment of teachers toward humane education
- 5. **The 5<sup>th</sup> International Conference on Human Values in Higher Education** was organized at Atmiya Group of Institutions, Rajkot (Gujarat) from **6-8 Jan 2016 in collaboration with IKG PTU-Kapurthala, IIT (BHU)-Varanasi, IIIT-Hyderabad, AKTU-Lucknow and Royal University of Bhutan-Thimpu**. There were 170 participants from 13 countries who deliberated on the theme. Dr. Buta Singh Sidhu shared the process of implementation of UHVE at large scale at IKG PTU, Kapurthala. Dr. S. S. Ahluwalia and team shared the experience of implementation of UHVE and about IRC-UHVE programs
- 6. Facilitating the other universities of Punjab e.g. **Adesh University, Bathinda, Baddi University, Baddi** and neighboring states universities e.g. **HPTU, Hamirpur (HP)**

**Section D- Academic Activities at IRC-UHVE**

**1.1 Academic Programs for session 2016-17 for first semester students at IRC-UHVE**

The PG programs are fully residential. The daily routine of the students is as below. This daily routine helps students to motivate toward self-discipline and self-organization.

4:30am	Rising time
5:00 – 6:00am	Self-study or group study at residence
6:00 – 8:00am	Work: getting ready, cooking Breakfast & lunch, cleaning,
8:00 – 8:30am	Breakfast
8:45am	Bus from residence to university
9:30 – 12:30	Classes
12:30 – 1:30pm	Lunch at university
1:30 – 4:30pm	Classes
5:00pm	Bus from university to residence
6:00 – 8:00pm	Work: cooking dinner,
8:00 – 8:30pm	Dinner
9:00 – 9:30pm	Daily family meeting
9:30pm	Sleeping time



**Class Room at IRC-UHVE**



**1.2 Production at IRC-UHVE**

Students & staff of IRC-UHVE do daily labor at fields. The work at field helps student to feel the co-existence with the nature. Field work is an essential part of their daily class routine.



Production Till date Oct 2016		
S.No	Vegetable	Quantity
1	Bottle Guard	130 Kg
2	Water Mellon	20 Kg
3	Green Chilly	4 Kg
4	Capsicum	10 Kg
5	Cucumber	25 Kg
6	Tomato	5 Kg
7	Brinjal	15 Kg
8	Pumpkin	30 Kg

1.3 Field Visits of M.Tech (HD-S&T) students for their one year Thesis work



Mr. Pankaj with Elango Ji at Kuthumbakam Village. Understanding work done by him to develop his village as self-sufficient (on left) and at Solid Waste Management center developed by villagers (below right).



Students of IRC-UHVE at Tribal school for girls at Majgawan district at Chitrakoot (above) and with Dr. Shukla at DRI Rashala (Ayurvedic medicine laboratory) (right).



Ms. Tanvi with farmer at Alwar during her visit at Tarun Bharat Sangh, Alwar (Rajasthan) for Water Shed Management Study.



Students at Krishi Vigyan Kendra, Majhgawan (Chitrakoot). Getting the information about producing vermin compost for farming. (Above)