

Education in Universal Values in Technical Education at NIT Raipur

Purpose:

- Identifying the purpose of human being so that unrealized potential of each one can be utilized in totality.
- **To contribute for holistic development of an individual in every aspect leading to clarity, and determination to contribute towards ensuring a healthy order in family and in socio-economic system for the satisfaction of all.**

This is the only way of attaining permanent recognition and success.

➤ Human Resources Development

An educated, civilized and developed human being means an individual living in harmony with nature and human society. Utilizing and maintaining a perfect balance in human and natural resource for eternal happiness and prosperity of mankind is the aim and objective of human resource development, so that a better social and natural atmosphere will be available to the coming generations.

The process of grooming every individual with such abilities is value-based education.

The rapid progress in science and technology has been accompanied by alarming increase in value degradation all over the world, as manifested in exacerbation of maladies like ecological imbalance, increase in inequity, crime and violence. It has, therefore, become imperative to sensitize the youth, especially those studying in technical institutions, towards these issues.

To address the above role of technical education in country, **National Resource Centre for Value Education in Engineering (NRCVEE)** was created at IIT Delhi in August 2001 at the behest of Ministry of Human Resource Development (MHRD), Govt. of India.

Realising the importance and urgency of inculcation of human values in the technocrats of future, **Engineering College Raipur (Now NIT Raipur)** in collaboration with NRCVEE, and in association with Directorate of Technical Education, Chhattisgarh and Abhyudaya Sansthan, Achhoti (a group of like-minded families dedicated towards the cause of value education) has initiated

efforts towards organization of courses, workshops and seminars for the students and faculty of technical institutions of Chhattisgarh state. These efforts have been very well received by the student community and teaching faculty (A listing of these efforts is enclosed).

All these efforts are based on unique philosophy of 'Madhyastha Darshan' promulgated by Shri A. Nagraj. This human centric coexistence based unique education is imparted through the "Jeevan Vidya" classes and workshops. The course has been designed strictly according to the MHRD directive that such a course should be:

- A science, in the sense that it accepts only those facts and theories which are capable of being experimented upon and verified.
- Free from dogmas and rituals.
- Free from religious doctrine, mysticism.
- Having a sound logical and philosophical base
- Universally acceptable

Present Course of Education in Universal Values (EUV): To fulfill the purpose of wholesome development of students NIT Raipur is organizing classes on Value Education in collaboration with Abhyudaya Sansthan Achhoti, since 2001. To understand the issues all the students interact with the expert faculty in 100 minutes weekly class schedule and attend a residential workshop of one-week duration at Abhyudaya Sansthan. The course for conduction of value education classes has been designed in consultation with, and on the basis of the **course content developed by NRCVEE based on unique philosophy of 'Madhyastha Darshan' promulgated by Shri A. Nagraj.**

Course Objective

- Arousing awareness about essentiality of human values for human happiness, prosperity, and balance in nature.
- Appreciation of complementarity of values and skills in all the pursuits.
- Providing a scientific and universally acceptable framework for human values by correct understanding of human reality and its inherent interconnectedness with the whole existence. The natural course of human evolution leading to sustainable peace, harmony, happiness and prosperity.
- Understanding the inherent harmony and mutual complementarity at various levels in existence, thereby engendering universal values.

- An appreciation that the root cause of all human suffering and disorder is the lack of correct perception of the reality and happiness.
- To indicate ways and means of gaining a correct perception of life which becomes the prime goal of all human endeavour.

The course is being conducted by the experts from Abhyudaya Sansthan working in the area of value education since a long time.



HUMAN VALUES IN TECHNICAL EDUCATION

List of Efforts made in the direction of education in universal values in technical education :-

Faculty members of GEC Raipur attended workshop at NRCVEE, IIT Delhi, from March 14 to 16, 2002.

1. One day Seminar on Value Education was organized at GEC Raipur in February 2002, which was attended by NRCVEE, Medical College Raipur, Indira Gandhi Krishi Vishwavidyalaya (IGKV) Raipur, Pt. Ravi Shankar University Raipur, and other Engineering Colleges of the State.
2. One day Seminar on Human Values in Technical Education was organized at GEC Raipur on July 2, 2002, which was attended by all Engineering Colleges of the State, and NRCVEE.
3. On 3rd November 2003 GEC Raipur and Abhyudaya Sansthan signed an MoU for working together for inculcation of Universal Values in Technical Education.. Sine then the following activities have been undertaken:
 - a. **Forty-seven residential workshops of seven days each on EUV have been organized for the students of GEC Raipur (now NIT Raipur) benefiting 2235 students.**
 - b. **Three residential workshops of seven days each, benefiting 102 students and faculty and staff, have been organized for GEC Jagdalpur.**
 - c. **A one-week workshop for faculty members and staff of GEC Bilaspur has been conducted from 29th November 2004 to 5th December 2004.**
 - d. **Six residential workshops of seven days each on EUV have been organized for the teachers of various engineering colleges in state benefiting 111 teachers.**
4. Regular counseling with students is being done and yielding very good results.
5. Regular classes of 100 minutes duration each week under General Proficiency were conducted for all the first year students and the results have been very encouraging.
6. Results among students are remarkable improvement in self-confidence, expression power, analytical power, problem handling capacity, harmony in the class, and sincerity in studies and control in ragging.

7. It was an important observation of the two-days seminar entitled “Inclusion of Human Values in Technical Education for Sustainable Development of Society” sponsored by Directorate of Technical Education and held at GEC Raipur on 01st & 02nd March 2004 that all the faculty members of Engineering Colleges should attend seven days residential programme on EUV, at least once. This is critical for the success of General Proficiency Development Programme. The workshop received overwhelming positive response with 196 delegates including Principals / Directors, administrators and faculty members of all the technical education institutions of the state actively participating in the proceedings.
8. Center for Education in Universal Values has been started at NIT Raipur to give desired impetus to the efforts made in this direction.

H.E. the President of India Bharat Ratna Dr. A. P. J. Abul Kalam has appreciated these efforts and kindly visited the institute to interact with the students undergone this programme on December 7, 2006.

A positive outcome of these efforts is that now we have young, motivated budding engineers who are willing to invest their energy and expertise in meaningful enterprise leading to self reliance for themselves by practicing environment friendly sustainable technology and also to the upliftment of rural sector in India.

HUMAN VALUES IN TECHNICAL EDUCATION

ABHYUDAYA SANSTHAN

Village – Achhoti, District Durg (Chhattisgarh)

Introduction

The Existence is co-existence itself, therefore, development occurs only when co-existence based living system exist among the units of nature. Such a system of living is being practised at **Abhyudaya Sansthan, a voluntary, self-sustained institution run by a group of like-minded families dedicated towards the cause of value education. The sansthan is** spread over 17 acres land near Raipur at Gram Achhoti. Abhyudaya Sansthan was inaugurated in the year 2001 with an objective to establish the humanitarian tradition of everlasting happiness and prosperity. In its short span of establishment, the Sansthan has been able to display the right way of living based on co-existence.

Awareness camps on sense & science of living known as Jeevan Vidya Shivir – based on unique philosophy of ‘Madhyastha Darshan’ promulgated by Shri A. Nagraj – are organised at the institute on regular basis. A complete understanding of life, personality, family, society, nature and existence is dealt in length in these camps which run for 5 to 7 days. One-day camps are also conducted to present an introductory view of Jeevan Vidya. These camps have been proven to be a great success in improving right understanding of life and brought a positive change in living of participants. The participants of the camps have been the representatives of all walks of society including students and teachers from educational institutions, married couples, middle and old aged men-women from city to rural areas.

A living style derived from **“existence based human centered philosophy or Co-existentialism”** is being practiced at the Sansthan. It comprises group of happily living families with right understanding of co-existence, education center, a dairy unit of indigenous breed, humane farming center, health center and village industries center.

Farming being practiced at the center is free from intoxicating chemicals, fertilizers and pesticides. Humane farming techniques have been evolved at the center which include application of rain water harvesting, indigenous seeds, cow dung gas (bio gas) slurry, organic manure, cow urine based bio-repellants and recycled water from dairy unit.