

(d)

A Foundation Course
In
Human Values & Professional Ethics
Syllabus for 1 Year Degree Course

Module 1: Course Introduction - Need, Basic Guidelines, Content and Process for Value Education

1. Understanding the need, basic guidelines, content and process for Value Education
2. Self Exploration-what is it? - its content and process; 'Natural Acceptance' and Experiential Validation- as the mechanism for self exploration
3. Continuous Happiness and Prosperity- A look at basic Human Aspirations
4. Right understanding, Relationship and Physical Facilities- the basic requirements for fulfillment of aspirations of every human being with their correct priority
5. Understanding Happiness and Prosperity correctly- A critical appraisal of the current scenario
6. Method to fulfill the above human aspirations: understanding and living in harmony at various levels

Module 2: Understanding Harmony in the Human Being - Harmony in Myself

7. Understanding human being as a co-existence of the sentient 'I' and the material 'Body'
8. Understanding the needs of Self ('I') and 'Body' - Sukh and Suvidha
9. Understanding the Body as an instrument of 'I' (I being the doer, seer and enjoyer)
10. Understanding the characteristics and activities of 'I' and harmony in 'I'
11. Understanding the harmony of I with the Body: Sanyam and Swasthya; correct appraisal of Physical needs, meaning of Prosperity in detail
12. Programs to ensure Sanyam and Swasthya
- Practice Exercises and Case Studies will be taken up in Practice Sessions.

Module 3: Understanding Harmony in the Family and Society- Harmony in Human-Human Relationship

13. Understanding harmony in the Family- the basic unit of human interaction
14. Understanding values in human-human relationship; meaning of Nyaya and program for its fulfillment to ensure Ubhay-tripti;
Trust (Vishwas) and Respect (Samman) as the foundational values of relationship

Text Book

- R R Gaur, R Sangal, G P Bagaria, 2009, *A Foundation Course in Value Education*.(English)
 Pradeep Kumar Ramancharla, 2013, *A Foundation Course in Value Education* (Telugu)
 R R Gaur, R Sangal, G P Bagaria, 2009, *Teacher's Manual*.(English)
 Pradeep Kumar Ramancharla, 2013, *Teacher's Manual*.(Telugu)

Reference Books

1. Ivan Illich, 1974, *Energy & Equity*, The Trinity Press, Worcester, and HarperCollins, USA
2. E.F. Schumacher, 1973, *Small is Beautiful: a study of economics as if people mattered*, Blond & Briggs, Britain.
3. A Nagraj, 1998, *Jeevan Vidya ek Parichay*, Divya Path Sansthan, Amarkantak.
4. R.Pradeep Kumar, 2013, *Jeevana Vidya to Na Prayanam*, Hyderabad
5. Sussan George, 1976, *How the Other Half Dies*, Penguin Press. Reprinted 1986, 1991
6. PL Dhar, RR Gaur, 1990, *Science and Humanism*, Commonwealth Purblishers.
7. A.N. Tripathy, 2003, *Human Values*, New Age International Publishers.
8. Subhas Palekar, 2000, *How to practice Natural Farming*, Pracheen(Vaidik) Krishi Tantra Shodh, Amravati.
9. Donella H. Meadows, Dennis L. Meadows, Jorgen Randers, William W. Behrens III, 1972, *Limits to Growth – Club of Rome's report*, Universe Books.
10. E G Seebauer & Robert L. Berry, 2000, *Fundamentals of Ethics for Scientists & Engineers*, Oxford University Press
11. M Govindrajran, S Natrajan & V.S. Senthil Kumar, *Engineering Ethics (including Human Values)*, Eastern Economy Edition, Prentice Hall of India Ltd.
12. B P Banerjee, 2005, *Foundations of Ethics and Management*, Excel Books.
13. B L Bajpai, 2004, *Indian Ethos and Modern Management*, New Royal Book Co., Lucknow. Reprinted 2008.

Relevant CDs, Movies, Documentaries & Other Literature:

1. Value Education website, <http://www.uptu.ac.in>
2. Story of Stuff, <http://www.storyofstuff.com>
3. Al Gore, *An Inconvenient Truth*, Paramount Classics, USA
4. Charlie Chaplin, *Modern Times*, United Artists, USA
5. IIT Delhi, *Modern Technology – the Untold Story*

Value Education & Professional Ethics
Ist BA / B.Com / B.Sc - Examinations

Time : 2 Hrs

Max. Marks : 50

Answer any five of the following

- Q 1) Define Value Education and emphasize its need to the Contemporary society.

(or)

Write an essay on Value Education Covering its nature and Scope.

- Q 2) Write an essay on Value Education and throw light on self - exploration as the process for value Education

(or)

What do you understand by the terms Right understanding, Relationship and Physical facilities in the context value education.

- Q 3) Define the terms Happiness and prosperity and methods to fulfill the Basic Human Aspirations

(or)

What do you understand " Human being" as the Co- existence of self (I) and the Body

- Q 4) Critically examine " The body as an instrument of I, understanding Harmony in the self (I).

(or)

Bring out the meaning of the term " Trust" in establishing the foundational value in Relationships.

- Q 5) What do you understand by Harmony in the Society in terms of Respect as the Right evaluation.

(or)

What do you mean by understanding Harmony in Nature.

a foundation course in
HUMAN VALUES and
professional ethics

Presenting a universal approach to value education
— through self-exploration

What is
my role in
this existence?



R R Gaur R Sangal G P Bagaria

About Ramancharla Pradeep Kumar

Education

Doctor of Philosophy, Earthquake Engineering (2001)
University of Tokyo, Tokyo, Japan
Master of Technology, Structural Engineering (1997)
Indian Institute of Technology, Kanpur, India
Bachelor of Engineering, Civil Engineering (1995)
Vasavi College of Engineering (Osmania University), Hyderabad, India
Diploma in Civil Engineering (1992)
Quli Qutub Shah Govt. Polytechnic, Hyderabad, India

Dr. Ramancharla Pradeep Kumar worked in L&T-ECC for about a year (1997-98), and then in Japan for pursuing Ph.D. After receiving degree, he worked as a post-doctoral research assistant for one year (2001-02). He joined IIT Hyderabad in September 2002 and started Earthquake Engineering Research Centre (EERC). He was also instrumental in initiating graduate program in Computational and Structural Engineering (CASE) at IIT Hyderabad in 2002 and 5-year Dual Degree program in Engineering Science & Engineering in 2013. Dr. Ramancharla's research interests are: i) Numerical modeling of tectonic plates and faults ii) Ground Motion Simulation on faults, iii) non-linear structural analysis, iv) damage estimation, iv) health diagnosis of historical and critical structures, v) development of innovative technologies (with local & natural materials) and v) capacity building on earthquake disaster science. In addition to the above, Dr. Ramancharla has keen interest in research on humanities and human values.

Dr. Ramancharla is leading an active research group of around 35 people. He is presently supervising 12 Ph.D/MS by Research students. Dr. Ramancharla published around 160 papers in journals and conferences. He visited Bhuj, Gujarat for conducting reconnaissance survey after 26th January 2001 Bhuj Earthquake. He also visited tsunami affected areas of Andhra Pradesh after 24 Dec 2004. He is a member of few committees at state level and also at national level. He is a member of Reconnaissance Team (PERT) of NDMA, Govt. As a member of expert committee of NDMA, he contributed in the preparation of National Disaster Management Policy and Guidelines for Earthquakes and Tsunamis. He also contributed in the preparation of policy for restructuring of Fire and Emergency Services Department, Govt of AP. He is also a member of expert committees on Disaster Management of Cyclones and Urban Floods. He is currently a BIS panel member of IS 456 & IS 1343 (CED 46:P16), and also a member of National Building Code of India (CED 46:P16).

Dr. Ramancharla is strong proponent of Human Values. He has been spear heading the efforts of human values in IIT-H since 2005. He has contributed in a major way in introducing an essential course on Human Values to UG students. Till now he has conducted over 50 workshops at 3-4 days duration and over 100 guest lectures on Human Values. His dream is to take Value Education to all universities of state of Andhra Pradesh.

Awards and Recognitions

- Young Scientist Award from ICI, 2011
- Commendation certificate from Indian Embassy, Japan, 2001
- Monbusho Fellowship for studies in Japan, 1998
- University topper in Civil Engineering, 1995
- Topper at IIT Kanpur (1997), topper in Diploma (1992), topper in School (1988)

Current Affiliations at IIT Hyderabad:

- Head, Earthquake Engineering Research Centre
- Co-ordinator, Civil Engineering PG Programs
- Co-ordinator, Human Values Cell
- Head, Engineering Technology & Innovation Centre
- Member, Master Plan & Building Works Committee



జీవన విద్య నా ప్రయాణము
ప్రొ. రామన్చెర్ల ప్రదీప్ కుమార్



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