



MINUTES FOR THE 14th MEETING OF BOARD OF FACULTY (BOF)

HELD ONLINE ON 01.08.2020 AT 11.00 AM THROUGH Google Meet APP,

MEETING ID: fkn-oefi-hqn

Present :

1. Dr. M.L.Aggarwal , Professor (ME) , Chairperson (Civil Deptt.) & Dean (Faculty of Engineering & Technology)
2. Dr S,K, Garg, Registrar
3. Dr. Sandeep Grover, Professor (Mechanical Engg. Deptt.)
4. Dr. Poonam Singhal, Professor & Chairperson (Electrical Engg. Deptt.)
5. Dr. Neelam Turk, Chairperson (Electronics Engg. Deptt.)
6. Dr. P.R. Sharma, Professor
7. Dr. Arvind Gupta, Professor
8. Dr. Munish Vashishth, Professor
9. Dr. Pardeep Kumar, Associate Professor
10. Dr.Vasdev Malhotra, Associate Professor
11. Dr. Anju Gupta, Associate Professor
12. Dr. Sanjeev Goyal, Assistant Professor and Coordinator (BOF)
13. Dr. Shailendra Gupta, Assistant Professor
14. Dr. Rashmi Aggarwal, Assistant Professor
15. Dr Rajesh Ahuja, Dean(Research & Consultancy) ,Special Invitee

Sh. Naresh Kumar Grover, MD, Promptech. Indl. Products, could not attend the meeting because of the pre-engagement in an other meeting.

At the outset, Professor (Dr.) M.L.Aggarwal ,Chairperson of Board of Faculty of Engineering and Technology of the University welcomed all the members of the Board.

He also expressed his good wishes for the good health of all members and their families in the crucial scenario of COVID-19.

AGENDA ITEM	MINUTES
<p>Item No. BOF/14/01: To consider and approve the minutes of 13th meeting of BOF held on 03.04.2020.</p>	<p>The Board confirmed and approved the minutes of 13th meeting of Board of Faculties of the University held on 03.04.2020.</p>
<p>Item No. BOF/14/02: To consider and note the action taken report on the minutes of 13th meeting held on 03.04.2020.</p>	<p>Action taken report was discussed and approved by the Board.</p>
<p>Item No. BOF/14/03: To consider and approve the Minutes of Board of Studies UG on 20/7/2020 and (PG & Research) meeting of Electrical Engineering Department held on 26/5/2020.</p>	<p>The Chairperson (Electrical Dept.) Dr Poonam Singhal briefed about the minutes of meeting of BOS. The minutes of the BOS UG were taken up for discussion and approved. The minutes of the BOS (PG & Research) were discussed. Department to follow Registration guidelines and Registration/Admission cancellation procedure of the research scholars as per Ph D Ordinance of the University.</p>
<p>Item No. BOF/14/04: To consider and approve the Minutes of Board of Studies UG on 16-04-2020 and (PG & Research) meeting of Electronics Engineering Department held on 17-04-2020</p>	<p>The Chairperson (Electronics Dept.) Dr Neelam Turk briefed about: 1.Changing the name of B.Tech. EIC to Electronics Engineering with specialization in IOT. 2. Closure of M.Tech. in Electronics and Instrumentation Engineering . 3. Syllabus revision of UG courses in Electronics Dept. as a result of addition of credits for Project and MOOC courses in different semester starting from 3rd to final year. Rest of the minutes were taken up for discussion and approved.</p>
<p>Item No. BOF/14/5: To consider and approve the Minutes of the 6th meeting of</p>	<p>The Chairperson-Civil Engg., Dr. M.L. Aggarwal briefed the Board members: 1. Curriculum workshop was held regarding</p>

<p>Board of Studies in Civil Engineering and Fashion & Apparels Engineering held on 30.6.2020.</p>	<p>Scheme and syllabi of M.Tech Energy and Environmental Engineering Programme. The drafted Scheme and syllabi of M.Tech Energy and Environmental Engineering Programme has been supplied to Dean(FID&R) for further action.</p> <p>2. Starting of Ph D Program in Civil Engg Dept.</p> <p>The rest of minutes were taken up for discussion and approved.</p>
<p>To inform BOF about:</p> <ol style="list-style-type: none"> 1. List of Value added courses 2. a) Value Added Course :VAC01 Human Values and Professional Ethics has been made compulsory for students from 2020-21. b) Value Added Course :VAC02 Message of Bhagwat Gita has been incorporated. 	<p>1.Board of Faculty discussed and approved the running of six Value added courses in Engg. & Technology between Jan.2020 to July 2020 (Annexure -A) by various Department.</p> <p>2. Academic Council may consider and grant approval for running two value added courses VAC01 Human Values and Professional Ethics and VAC02 Message of Bhagwat Gita at University level (Annexure -B). These syllabi have been drafted as per HSHEC instruction. VAC01 has already been approved by BOS of various Department.</p>
<p>Item No. BOF/14/07 : Any other item with the approval of the Chair.</p>	<p>Dr S.K.Garg,Registrar suggested that the Civil Engg. Dept. may start M.Tech. Program. Chairperson Department agreed to work on it.</p>

In the end of the meeting, Dr.M.L.Aggarwal , Chairperson of the Board expressed his sincere thanks to all the members for their cooperation and the meeting ended with a vote of thanks to the Chair.

Dr M.L.Aggarwal
Chairperson ,Board of Faculty (Engineering & Technology)
Dean FET

CC: PA to VC for kind information of Vice Chancellor
Registrar, Dean Academic Affairs
Department file

Annexure-A

Item BOF/14/06

Details of Value Added Courses for imparting transferable and life skills offered during Jan-June 2020 semester

S.No	Name of Department	Name of Value added course	Course Coordinator(s)	Duration (min. 30 hours)	No. of students enrolled	Whether proof submitted to IQAC
1	Civil Engg	Technological Industrial Practice	Prof.M.L. Aggarwal, Dr Vishal Puri	Jun1-6, 2020 (30 hours)	46	Yes
2	Civil Engg	Computer Aided Structural Design	Prof.M.L. Aggarwal, Dr Vishal Puri	July 21- 31,2020	82	Yes
3	Electronics in collaboration with Computer Engg Department & CSIR-CEERI, Pilani	“Hands on Training on IOT Modules”	Dr. Parul Tomar Dr.Sheilza Jain Ms.Rashmi Chawla	24-29 Feb,2020	40	Yes
4	Electrical	Industrial Automation with practical on real world Application	Dr. Poonam Singhal Mr. Satvinder	Feb- 22,23,29 Feb and 1 Mar-2020 (30 Hours)	57	Yes
5	Mechanical Engineering	3D Printing & Design	Dr. Sanjeev Kumar Dr. Rajeev Saha	Jan20-24 (30-35 Hours)	27	Yes
6	Mechanical Engineering	Concepts for Industry Readiness	Dr. Sandeep Grover Dr. Sanjeev Goyal	January, 2020 to May, 2020(30 Hours)	22	Yes

SYLLABUS

VAC01: Human Values and Professional Ethics

The value added course is compulsory for students. It may be taught through digital aided learning / class room teaching. Its duration is 35 hours. Minimum 75% attendance is compulsory for students and its evaluation will be done by concerned Dept. through Viva-Voce examination.

PROFESSIONAL ETHICS OBJECTIVES:

To enable the students to create an awareness on Ethics and Human Values, to instill Moral and Social Values and Loyalty and to appreciate the rights of others.

UNIT I HUMAN VALUES

Morals, values and Ethics – Integrity – Work ethic – Service learning – Civic virtue – Respect for others – Living peacefully – Caring – Sharing – Honesty – Courage – Valuing time – Cooperation – Commitment – Empathy – Self confidence – Character – Spirituality – Introduction to Yoga and meditation for professional excellence and stress management.

UNIT II ETHICS

Senses of Ethics – Variety of moral issues – Types of inquiry – Moral dilemmas – Moral Autonomy – Consensus and Controversy – Models of professional roles - Theories about right action – Self-interest – Customs and Religion.

UNIT III PROFESSIONALS AS SOCIAL EXPERIMENTATION

Social Experimentation – Professionals as responsible Experimenters – Codes of Ethics – A Balanced Outlook on Law.

UNIT IV SAFETY, RESPONSIBILITIES AND RIGHTS

Safety and Risk – Assessment of Safety and Risk – Risk Benefit Analysis and Reducing Risk - Respect for Authority – Collective Bargaining – Confidentiality – Conflicts of Interest – Occupational Crime – Professional Rights – Employee Rights – Intellectual Property Rights (IPR)

Gender inequality, causes and consequences. Discrimination, Social understandings, Women and Men in the Organization, Consequences of sexual harassment.

UNIT V GLOBAL ISSUES

Multinational Corporations – Environmental Ethics – Computer Ethics – Weapons Development

– Professionals as Managers – Consulting Engineers – Professionals as Expert Witnesses and Advisors Moral Leadership – Code of Conduct – Corporate Social Responsibility.

COURSE OUTCOMES :

Upon completion of the course, the student should be able to apply ethics in society, □ discuss the ethical issues related to engineering and realize the responsibilities and rights in the society.

TEXTBOOKS:

1. Mike W. Martin and Roland Schinzinger, “Ethics in Engineering”, Tata McGraw Hill, New Delhi, 2003.
2. Govindarajan M, Natarajan S, Senthil Kumar V. S, “Engineering Ethics”, Prentice Hall of India, New Delhi, 2004.

REFERENCES:

1. Charles B. Fleddermann, “Engineering Ethics”, Pearson Prentice Hall, New Jersey, 2004.
2. Charles E. Harris, Michael S. Pritchard and Michael J. Rabins, “Engineering Ethics – Concepts and Cases”, Cengage Learning, 2009
3. John R Boatright, “Ethics and the Conduct of Business”, Pearson Education, New Delhi, **2003**
4. Edmund G Seebauer and Robert L Barry, “Fundamentals of Ethics for Scientists and Engineers”, Oxford University Press, Oxford, 2001
5. Laura P. Hartman and Joe Desjardins, “Business Ethics: Decision Making for Personal Integrity and Social Responsibility” Mc Graw Hill education, India Pvt. Ltd., New Delhi 2013.

Web sources:

1. www.onlineethics.org
2. www.globalethics.org
3. www.ethics.org

VAC02: Message of Bhagwat Gita

The value added course is for UG/PG students. It may be taught through digital aided learning / class room teaching. Its duration is 35 hours. Minimum 75% attendance is compulsory for students and its evaluation will be done by concerned Dept. through Viva-Voce examination.

OBJECTIVES:

To enable the students to create an awareness on Message of Bhagwat Gita • to instill Moral , Social Values and to appreciate the Karma Yoga .

Unit 1

Introduction: Relevance of Bhagavad Gita today – Background of Mahabharatha.

Arjuna Vishada Yoga: Arjuna’s Anguish and Confusion – Symbolism of Arjuna’s Chariot.

Sankhya Yoga: Importance of Self-knowledge – Deathlessness: Indestructibility of Consciousness – Being Established in Wisdom – Qualities of a Sthita-prajna.

Unit 2

Karma Yoga: Yoga of Action – Living in the Present – Dedicated Action without Anxiety over Results - Concept of Swadharma.

Dhyana Yoga: Tuning the Mind – Quantity, Quality and Direction of Thoughts – Reaching Inner Silence.

Unit 3

Bhakti Yoga: Yoga of Devotion – Form and Formless Aspects of the Divine – Inner Qualities of a True Devotee.

GunatrayaVibhaga Yoga: Dynamics of the Three Gunas: Tamas, Rajas, Sattva – Going Beyond the Three Gunas – Description of a Gunatheetha.

COURSE OUTCOMES :

Upon completion of the course, the student should be able to realize the Relevance of Bhagavad Gita today • Yoga to devotion, realize the responsibilities and duty in the society

Textbooks

- Swami Chinmayananda, “The Holy Geeta”, Central Chinmaya Mission Trust, 2002.
- Swami Chinmayananda, “A Manual of Self Unfoldment”, Central Chinmaya Mission Trust, 2001.