



# Techno India NJR Institute of Technology

Department of Basic Science

## Teaching & Examination Scheme

### B.Tech. I & II Semester (2019 & 2020)

#### Content

- University Teaching & Examination Scheme
- University Syllabus
- Syllabus Deployment
- Tutorial Sheets

For Techno India NJR Institute of Technology  
पंकज पौरवाल  
Dr. Pankaj Kumar Porwal  
(Principal)



Techno India NJR Institute of Technology  
Academic Administration of Techno NJR Institute  
Syllabus Deployment

**Name of Faculty:** Danish Paliwal

**Subject Code:** 1FY1-04/ 2FY1-04

**Department:** Basic Science

**SEM:** I / II

Total No. of Lectures Planned: 34

**Subject:** Communication Skills

Lecture No.	Unit	Topic
1.	1	<b>Communication:</b> Meaning, Importance And Cycle Of Communication.
2.	1	Media And Types Of Communication.
3.	1	Verbal And Non-Verbal Communication.
4.	1	Barriers To Communication.
5.	1	Formal And Informal Channels Of Communication (Corporate Communication).
6.	1	Divisions Of Human Communication And Methods To Improve Interpersonal Communication.
7.	1	Qualities Of Good Communication.
8.	2	<b>Grammar:</b> Passive Voice
9.	2	Passive Voice
10.	2	Passive Voice
11.	2	Reported Speech.
12.	2	Reported Speech.
13.	2	Reported Speech.
14.	2	Conditional Sentences
15.	2	Modal Verbs.

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16.	2	Linking Words (Conjunctions)
17.	2	Linking Words (Conjunctions)
18.	3	<b>Composition:</b> Job Application
19.	3	Curriculum-Vitae Writing.
20.	3	Business Letter Writing
21.	3	Paragraph Writing.
22.	3	Report Writing.
23.	4	<b>Short Stories:</b> "Luncheon" By Somerset Maugham."
24.	4	"Luncheon" By Somerset Maugham."
25.	4	"How Much Land Does A Man Need?" By Count Leo Tolstoy.
26.	4	"How Much Land Does A Man Need?" By Count Leo Tolstoy.
27.	4	"The Night Train At Deoli" By Ruskin Bond.
28.	4	"The Night Train At Deoli" By Ruskin Bond.
29.	5	<b>Poems:</b> "No Men Are Foreign" By James Kirkup
30.	5	"No Men Are Foreign" By James Kirkup
31.	5	"If" By Rudyard Kipling.
32.	5	"If" By Rudyard Kipling.
33.	5	"Where The Mind Is Without Fear" By Rabindranath Tagore.
34.	5	"Where The Mind Is Without Fear" By Rabindranath Tagore.

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**Syllabus Deployment**

**Name of Faculty:** Hitkaran Singh Ranawat

**Subject Code:** 1FY1-05/ 2FY1-05

**Department:** Basic Science

**SEM:**I / II

Total No. of Lectures Planned: 35

**Subject:** Human Values

Lecture No.	Unit	Topic
1.	1	Understanding The Need, Basic Guidelines
2.	1	Self Exploration - Its Content And Process
3.	1	Natural Acceptance" And Experiential Validation
4.	1	Continuous Happiness And Prosperity
5.	1	Human Aspirations, Right Understanding, Relationship And Physical Facilities
6.	1	,Understanding Happiness And Prosperity Correctly
7.	1	A Critical Appraisal Of The Current Scenario.
8.	1	Method To Fulfill The Above Human Aspirations: Understanding And Living In Harmony At Various Levels
9.	2	Understanding Human Being As A Co-Existence Of The Sentient 'I' And The Material 'Body'
10.	2	Understanding The Needs Of Self ("I") And "Body"
11.	2	Sukh And Suvidha
12.	2	Understanding The Body As An Instrument Of "I"
13.	2	Understanding The Characteristics And Activities Of „I" And Harmony In "I"
14.	2	Understanding The Harmony Of I With The Body: Sanyam And Swasthya

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15.	2	Correct Appraisal Of Physical Needs, Meaning Of Prosperity In Detail
16.	2	Programs To Ensure Sanyam And Swasthya.
17.	3	Understanding Harmony In The Family
18.	3	Understanding Values In Human-Human Relationship
19.	3	Meaning Of Nyaya And Program For Its Fulfillment To Ensure Ubhay-Tripti;
20.	3	Trust (Vishwas) And Respect (Samman) ,
21.	3	Meaning Of Vishwas; Difference Between Intention And Competence,
22.	3	Meaning Of Samman, Difference Between Respect And Differentiation;
23.	3	The Other Salient Values In Relationship,
24.	3	Harmony In The Society , Samadhan, Samridhi, Abhay, Sah-Astitva As Comprehensive Human Goals
25.	3	Visualizing A Universal Harmonious Order In Society- Undivided Society (Akhand Samaj), Universal Order (Sarvabhaum Vyawastha )- From Family To World Family.
26.	4	Understanding The Harmony In The Nature.
27.	4	Interconnectedness And Mutual Fulfillment Among The Four Orders Of Nature- Recyclability And Self-Regulation In Nature.
28.	4	Understanding Existence As Co-Existence (Sah-Astitva) Of Mutually Interacting Units In All Pervasive Space.
29.	4	Holistic Perception Of Harmony At All Levels Of Existence
30.	5	Definitiveness Of Ethical Human Conduct. Basis For Humanistic Education, Humanistic Constitution And Humanistic Universal Order
31.	5	Competence In Professional Ethics: A) Ability To Utilize The Professional Competence For Augmenting Universal Human Order,
32.	5	Competence In Professional Ethics (B) Ability To Identify The Scope And Characteristics Of People-Friendly And Ecofriendly Production Systems, Technologies And Management Models.
33.	5	Strategy For Transition From The Present State To Universal Human Order: (A). At The Level Of Individual: As Socially And Ecologically Responsible Engineers, Technologists And Managers.
34.	5	Strategy For Transition From The Present State To Universal Human Order: (B). At The Level Of Society: As Mutually Enriching Institutions And Organization.
35.	5	Case Studies Related To Values In Professional Life And Individual Life

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