

Course Prerequisites:

Basic Knowledge about computer.

What you will learn?

Upon completion of this course, the student will be able to:

1. Use object-oriented programming (OOP) techniques.
2. Develop executable programs.
3. Incorporate pointers and/or arrays to manipulate data; and create programs using classes and objects.
4. Create appropriate documentation.

Course Description:

This course emphasizes on the fundamentals of object-oriented design with development, testing, implementation, and documentation along with stress upon language syntax, data and file structures, input/output devices, and files.

COURSE DETAILS

Module 1: Introduction and Basic C++

Topic 1 Introduction and Basic C++

- Lecture 1.1: Introduction to C++
- Lecture 1.2: Variables and Datatypes
- Lecture 1.3: Scope of a Variable
- Lecture 1.4: Typecasting
- Lecture 1.5: Input/Output in C++

Module 2: Operators, Conditional statements and functions

Topic 1: Operators, Conditional statements and functions

- Lecture 1.1: Operators in C++
- Lecture 1.2: Conditional Statements in Loops
- Lecture 1.3: Function in C++

Module 3: Pointers, Arrays and Strings

Topic 3: Pointers, Arrays and Strings

- Lecture 1.1: Pointers and Memory Allocation
- Lecture 1.2: Arrays
- Lecture 1.3: Strings

Module 4: Object Oriented Programming (OOPS)

Topic 4: Object Oriented Programming (OOPS)

- Lecture 1.1: Abstraction
- Lecture 1.2: Encapsulation
- Lecture 1.3: Inheritance
- Lecture 1.4: Polymorphism

INTRODUCTION TO BLOCK CHAIN AND SMART CONTRACTS

COURSE CODE: MOCCAP-A02

DURATION: 05 Hrs.

Course Prerequisites:

Basic Programming fundamentals

What you will learn?

1. Block chain Fundamentals
2. Programming Basics
3. Solidity
4. Smart Contracts
5. Writing Smart Contracts

Course Description:

This course gives an introduction to Blockchain development. Learn about Solidity, the language used on Ethereum Blockchain. After the completion of the course the learner will be able to write smart contracts which are the building blocks of the blockchain development. In short this course will get you interested into developing blockchain applications and build your own dream project.

COURSE DETAILS

Module 1: Introduction to Solidity and Smart Contracts

Topic 1: Introduction

Lecture 1.1: Introduction to the course

Topic 2: Smart Contracts

Lecture 1.1: What are Smart Contracts?

Lecture 1.2: What is Pragma keyword and Deploying our first smart contract?

Lecture 1.3: Creating a new Smart Contract.

Module 2: Programming Fundamentals

Topic 1: Back to Fundamentals

Lecture 1.1: Integers and Different kinds of variables in solidity

Topic 2: Functions

Lecture 1.1: What are Functions

Lecture 1.2: Writing Functions in Solidity

Lecture 1.3: Writing a new Smart Contract

Module 3: Visibility

Topic 1: Conditionals

Lecture 1.1: What is If/else

Lecture 1.2: Writing If/Else in Solidity

Topic 2: Types of Visibility Specifier

Lecture 1.1: Different keywords for specifying visibility.

Module 4: Operators

Topic 1: Different Operators in Solidity

Lecture 1.1 Introduction to solidity operators.

Topic 2: Arithmetic Operator

Lecture 1.1 Different Types of Arithmetic Operators.

Topic 3: Comparison operator

Lecture 1.1 Different Types of Comparison Operators.

Topic 4: Logical Operator

Lecture 1.1 Different Types of Logical Operators.

Topic 5: Exercise

Lecture 1.1 Adding new functions to our Calculator contract.

Module 5: Loops

Topic 1 For Loop in Solidity

Lecture 1.1 A basic introduction to the for loop and its syntax.

Topic 2: While Loop in Solidity

Lecture 1.1 A basic introduction to the for while loop and its usage.

Topic 3: do-while Loop in Solidity

Lecture 1.1 Using do-while loop and understanding its usage.

Topic 4: Exercise

Lecture 1.1 Adding a function to calculate the sum of N natural numbers and a few more features.

Module 6: Keywords

Topic 1 Different Structures in Solidity

Lecture 1.1 Discussion on different types of structures in Solidity.

Topic 2 Maps in solidity

Lecture 1.1 What are maps?

Lecture 1.2 How to use Mapping in solidity.

Topic 3: Arrays in Solidity

Lecture 1.1 Introduction to Arrays.

Lecture 1.2 Using Arrays and its methods.

Topic 4: Enums in Solidity

Lecture 1.1 Introduction to Enums.

Topic 5: Nested Mapping

Lecture 1.1 Where and How to use Nested mapping

Topic 6: Exercise

Lecture 1.1 Adding new features to our Calculator contract.

CYBER CRIME

COURSE CODE: MOCCAP-A01

DURATION: 05 Hrs.

Course Prerequisites:

There is no requirement of any qualification to join this course. Anyone interested in knowing about cybercrimes can join it. Netizens can join it for their protection from cybercrimes. All the professionals as well as school students can join it.

What you will learn?

- 1) All the aspects of cybercrimes to work in any legal firm.
- 2) Working in any organization to deal with the matters relating to cybercrimes.
- 3) Gain skills to work on internet without falling prey to cybercrime.
- 4) Students who want to continue their studies in foreign countries can opt this course as it will help them in getting more employment opportunities in numerous fields.

Course Description:

This course gives the details regarding cybercrimes which includes classification of cybercrimes, cyber laws, various degrees of punishments for the offenders of cybercrimes, misuse of technology, cyber criminals and their motive and legal provision. It also provides information about the initiatives which must be taken by government as well as by general public to reduce the incidences of cybercrimes in the future.

This course will help students to become more aware about how to tackle these cybercrimes. Moreover, they will learn numerous methods by which they can protect themselves from cybercrimes. The course enables the professionals to navigate the various legal challenges that they face pertaining to their activities in cyberspace.

COURSE DETAILS

Module1: Introduction to cybercrime

Topic1: Origin and types of cybercrime

Lecture 1.1: Origin of cybercrime

Lecture 1.2: Types of cybercrime

Topic2: Factors responsible for cybercrime and information security

Lecture 1.1: Factors responsible for cybercrime

Lecture 1.2: Information Security

Module 2: Cybercriminals

Topic1: Motive and categories of cybercriminals

Lecture 1.1: Motive of cybercriminals

Lecture 1.2: Categories of cybercriminals

Topic2: Misuse of technology and techniques of cybercrimes

Lecture 1.1: Misuse of technology by cybercriminals

Lecture 1.2: Techniques of cybercrime

Topic3: Computer Forensics

Lecture 1.1: Computer Forensics defined

Lecture 1.2: Objectives of Cyber Forensics

Lecture 1.3: Phases of Cyber Forensics

Lecture 1.4: Cyber Forensic Tools

Module 3: Cyber Laws

Topic1: Importance of cyber law and cybercrimes under Information Technology Act

Lecture 1.1: Importance of cyber law

Lecture 1.2: Cybercrimes under Information Technology Act

Lecture 1.3: Cybercrimes under Indian Penal Code

Topic2: Provisions of Indian Evidence Act, 1872

Lecture 1.1: Provisions of Indian Evidence act, 1872 followed with Information Technology Act, 2000

Module 4: International Perspective regarding cybercrimes

Topic1: Cooperation among countries and laws in various countries

Lecture 1.1: Cooperation among all the countries to combat cybercrime

Lecture 1.2: Laws related to cybercrimes in various countries

Module 5: Impact of cybercrimes

Topic1: Major attacks and Impact on children

Lecture 1.1: Major attacks of cybercrimes

Lecture 1.2: Impact on children

Topic2: Impact on Society and Businesses

Lecture 1.1: Impact on Society

Lecture 1.2: Impact on Businesses

Module 6: Measures for the prevention of cybercrimes

Topic1: Actions by Government

Lecture 1.1: Actions which are taken by Government

Topic2: Steps which can be taken by general public

Lecture 1.1: Steps which can be taken by general public

MACHINE LEARNING WITH PYTHON

COURSE CODE: MOCCAP-A05

DURATION: 10 Hrs.

Course Prerequisites:

Must have experience with Python Programming.

What you will learn?

1. How Machine Learning Works?
2. Different Machine Learning Algorithm and its implementation.
3. Use Python for Machine Learning.
4. Learn to use NumPy
5. Learn to use Pandas

Course Description:

This course is designed to make the learner understand the basic concepts of Machine Learning and how to implement it with Python. This course imparts basic and intermediate skills used in the Machine Learning.

COURSE DETAILS

MODULE 1: Basics of Machine Learning

TOPIC 1: Introduction to Machine Learning

- Lecture 1.1: Machine Learning & Its Application Workflow of Machine Learning
- Lecture 1.2: Types of Machine Learning, Supervised Learning
- Lecture 1.3: Unsupervised Learning
- Lecture 1.4: Types of Unsupervised Learning
- Lecture 1.5: Reinforcement Learning

MODULE 2: Python: NumPy

TOPIC 1: Anaconda Navigator and Jupyter

- Lecture 1.1: Installing Anaconda Navigator and Jupyter

TOPIC 2: NumPy

- Lecture 2.1: What is NumPy?
- Lecture 2.2: NumPy: Array
- Lecture 2.3: NumPy: Multi-Dimensional Array
- Lecture 2.4: NumPy: Array Slicing
- Lecture 2.5: NumPy: Array Concatenation and Split

MODULE 3: Python: Pandas Part-1

TOPIC 1: Pandas Part-1

- LECTURE 1.1: Basic of Pandas – 1
- LECTURE 1.2: Basic of Pandas – 2
- LECTURE 1.3: Pandas: Data Frame
- LECTURE 1.4: Pandas: Read CSV File
- LECTURE 1.5: Pandas: Write CSV File
- LECTURE 1.6: Pandas: Handling Missing Values – 1

LECTURE 1.7: Pandas: Handling Missing Values – 2

LECTURE 1.8: Pandas: Fillna()

LECTURE 1.9: Pandas: Replace()

MODULE 4: Python: Pandas Part-2

TOPIC 1: Pandas Part-2

LECTURE 1.1: Pandas: Interpolate()

LECTURE 1.2: Pandas: loc() & iloc()

LECTURE 1.3: Pandas: GroupBy Function

LECTURE 1.4: Pandas: Merging Function

LECTURE 1.5: Pandas: Concat()

LECTURE 1.6: Pandas: Join()

LECTURE 1.7: Pandas: Append()

LECTURE 1.8: Pandas: pivot()

LECTURE 1.9: Pandas: melt()

LECTURE 1.10: datetimeindex()

MODULE 5: Machine Learning Algorithm

TOPIC 1: Algorithm

LECTURE 1.1: Data preprocessing techniques

LECTURE 1.2: Download Datasets from Kaggle

LECTURE 1.3: Linear Regression Algorithm Theory

LECTURE 1.4: Linear Regression Algorithm implementation

LECTURE 1.5: Polynomial Regression Algorithm Theory

LECTURE 1.6: Polynomial Regression Algorithm Implementation

LECTURE 1.7: Classification: Decision Tree Theory

LECTURE 1.8: Classification: Decision Tree Implementation

LECTURE 1.9: Classification: Random Forest Theory

LECTURE 1.10: Classification: Random Forest Implementation

LECTURE 1.11: KNN (K Nearest Neighbor)

PROGRAMMING USING PYTHON

COURSE CODE: MOCCAP-A06

DURATION: 10 Hrs.

Course Prerequisites:

Basic knowledge about Computer.

What you will learn?

1. Working ON Python Environment (Replit)
2. Python Operations and Data Types
3. Importing Libraries
4. Loops in Python and Binary Search Implementation
5. List, Tuples, Dictionaries
6. Intermediate level python codes.

Course Description:

This program is designed for students and working professionals from various educational backgrounds and different age groups to give them an opportunity to code in Python without having any prior experience. Through this online program, learners can get access to a world-class curriculum in Programming and make coding look easy.

COURSE DETAILS

MODULE 1: (Introduction Part)

TOPIC 1: Working on Replit

LECTURE 1.1: Introduction to Replit

TOPIC 2: Variable, Input Statement and Data type

LECTURE 2.1: Introduction to Variable and Input

LECTURE 2.2: Input Variable and Literals

LECTURE 2.3: Data types in Python

TOPIC 3: Operators and String

LECTURE 2.1: Operators and Expression in Python

LECTURE 2.2: Strings in Python

MODULE 2: (Strings and Loops)

TOPIC 1: Characters, Quotes and Strings

LECTURE 1.1: Escape Character and Quotes

LECTURE 1.1: String Methods

TOPIC 2: If Statement

LECTURE 2.1: Introduction to If, Else statement

LECTURE 2.2: If, Else and Else if statement in Python

TOPIC 3: Libraries

LECTURE 1.1: Importing Libraries

MODULE 3: (While and for loops)

TOPIC 1: While loops

LECTURE 1.1: Introduction to While Loop

LECTURE 1.1: While loop tutorial

TOPIC 2: For Loop

LECTURE 2.1: Introduction to For loop

LECTURE 2.2: Examples using for loop

LECTURE 2.2: More on range and for loop without range

TOPIC 3: Printing Methods

LECTURE 1.1: Formatted Printing

MODULE 4: More on loops

TOPIC 1: For, while and Nested loops

LECTURE 1.1: (for vs. while loop)

LECTURE 1.1: Nested for loop

TOPIC 2: Some examples of nested loops

LECTURE 2.1: Examples of nested loops

LECTURE 2.2: Another nested loops example

TOPIC 3: Statements

LECTURE 1.1: Break pass and continue Statements

MODULE 5: Search and sorting in Lists

TOPIC 1: Introduction

LECTURE 1.1: Introduction to list

LECTURE 1.1: Birthday Paradox

TOPIC 2: Search in a list

LECTURE 2.1: Naive search in list

TOPIC 3: Sorting in Python

LECTURE 1.1: Obvious Sort

C PROGRAMMING

COURSE CODE: MOCCAP-A04

DURATION: 10 Hrs.

Course Prerequisites:

Basic knowledge about Computer

What you will learn?

This course is a beginner level instruction course teaching C language. The entire concept pertaining to same will be thoroughly explained and practiced in this course. By the end of this course, you will be able to write code in c language and built programs.

Course Description:

C is a middle level language and often serves as a reliable entry point for various coding aspirants. This course will enable the learners to become efficient C programmers by creating a viable and strong conceptual base.

COURSE DETAILS

Module 1: Basics of C programming

Topic 1: Basics of C programming

- Lecture 1.1: Introduction to C and Requirements
- Lecture 1.2: Basic structure of a C Program
- Lecture 1.3: Syntax of C
- Lecture 1.4: Variables and Data Types in C
- Lecture 1.5: Operators in C (Part-1)
- Lecture 1.6: Operators in C (Part-2)
- Lecture 1.7: Format Specifiers & Escape sequences
- Lecture 1.8: EXERCISE #1

Module 2: Control Flow Statements

Topic 2: Control Flow Statements

- Lecture 1.1: If Else control statements in C
- Lecture 1.2: Switch Case control statements in C
- Lecture 1.3: Loops in C (Part-1)
- Lecture 1.4: Loops in C (Part-2)
- Lecture 1.5: Break & Continue Statements
- Lecture 1.6: Go to Statement & Typecasting
- Lecture 1.7: EXERCISE #2

Module 3: Arrays, Pointers, & Functions

Topic 3: Arrays, Pointers, & Functions

- Lecture 1.1: Functions in C (Part-1)
- Lecture 1.2: Functions in C (Part-2)
- Lecture 1.3: Recursive Functions (Part-1)
- Lecture 1.4: Recursive Functions (Part-2)
- Lecture 1.5: EXERCISE #3
- Lecture 1.6: Arrays in C (Part-1)

Lecture 1.7: Arrays in C (Part-2)
Lecture 1.8: Pointers in C (Part-2)
Lecture 1.9: Array & Pointer Arithmetic (Part-1)
Lecture 1.10: Array & Pointer Arithmetic (Part-2)
Lecture 1.11: Call by Value
Lecture 1.12: Call by Reference
Lecture 1.13: Star Pattern in C
Lecture 1.14: EXERCISE #4

Module 4: Strings, Structures, & Unions

Topic 4: Strings, Structures, & Unions

Lecture 1.1: Strings in C
Lecture 1.2: String Functions in C
Lecture 1.3: Structures (Part-1)
Lecture 1.4 Structures (Part-2)
Lecture 1.5: Typedef in C
Lecture 1.6: Unions
Lecture 1.7: Static Variables in C
Lecture 1.8: EXERCISE #5

Module 5: Dynamic Memory Allocation & Linked List

Topic 5: Dynamic Memory Allocation & Linked List

Lecture 1.1: Memory Layout of C-programs (Part-1)
Lecture 1.2: Memory Layout of C-programs (Part-2)
Lecture 1.3: Dynamic Memory Allocation (Part-1)
Lecture 1.4: Dynamic Memory Allocation (Part-2)
Lecture 1.5: Storage Classes in C (Part-1)
Lecture 1.6: Storage Classes in C (Part-2)
Lecture 1.7: EXERCISE #6

Module 6: File Handling and Pre-processors in C

Topic 6: File Handling and Pre-processors in C

Lecture 1.1: C Pre-processor
Lecture 1.2: #define and #include pre-processor directives (Part-1)
Lecture 1.3: #define and #include pre-processor directives (Part-2)
Lecture 1.4: predefined Macros & other Pre-processor directives
Lecture 1.5: File I/O in C
Lecture 1.6: Functions for File I/O in C
Lecture 1.7: File Handling (Part-1)
Lecture 1.8: File Handling (Part-2)

REACT NATIVE

COURSE CODE: MOOCCAP-A07

DURATION: 09 Hrs.

Course Prerequisites:

The Course for Beginners to Intermediate

- A pc or Smartphone is required.
- A little bit knowledge of JavaScript.
- React knowledge is required but you don't need to be an expert.
- NO Java/Android or iOS (Swift, Objective C) development experience is required.

What you will learn?

1. Learn how to use React Native to build real native mobile apps for IOS and Android.
2. Build native mobile apps without knowledge of java, Swift, kotlin or Objective C.
3. How navigation and libraries work with react native.

Course Description:

This course will enable the learners to build their own mobile apps without much hustle. This is the course for beginners to intermediate which enables to build real native mobile apps for both the platforms iOS and android. Learn to target the dual platforms with one code base.

COURSE DETAILS

Module 1: (Introduction)

Topic 1: (Introduction of react native)

- Lecture 1.1: (What is React Native?)
- Lecture 1.2: (Why React Native is so popular?)
- Lecture 1.3: (Pros and Cons of React Native)

Topic 2: (Integrated Development Environment IDE (Code Editor))

- Lecture 1.1: (First install Mac Users)
- Lecture 1.2: (First install Window users)

Module 2: (Setting Up Environment)

Topic 1: (Integrated development Environment IDE (Code Editor))

- Lecture 1.1: (First install windows)
- Lecture 1.2: (First install Mac users)

Topic 2: (Introduction of Expo)

- Lecture 1.1: (Expo or not expo)

Topic 3: (Installation)

- Lecture 1.1: (Install XCODE)
- Lecture 1.2: (Installing android studio for mac and windows)

Topic 4: (Variables)

- Lecture 1.1: (Mac-Environment Variables)
- Lecture 1.2: (Window-Environment Variables)

Topic 5: (Expo Quick Fix for Windows)

- Lecture 1.1: (installation of visual studio code)
- Lecture 1.2: (installation of expo cli)

Module 3: (Running App and Simulators)

Topic 1: (Running app an expo)

- Lecture 1.1: (Running an expo app)
- Lecture 1.2: (Running app without expo)

Topic 2: (Running Simulators Android and iOS)

- Lecture 1.1: (Running the android simulator)
- Lecture 1.2: (Running app on web)

Module 4: (RN Basics)

Topic 1: (About React Native and its Core Components)

- Lecture 1.1: (Views, Text, Style and Stylesheet)
- Lecture 1.2: (State and Components)
- Lecture 1.3: (Text Inputs)
- Lecture 1.4: (Touch Events)
- Lecture 1.5: (Buttons)
- Lecture 1.6: (The Scroll view)

Module 5: (Navigation)

Topic 1: (How navigation work with react native)

- Lecture 1.1: (Installing Navigation)
- Lecture 1.2: (Stack Navigation)
- Lecture 1.3: (Working with params)
- Lecture 1.4: (Navigation bars)
- Lecture 1.5: (Navigation buttons)

Module 6: (Libraries)

Topic 1: (How libraries work with react native)

- Lecture 1.1: (Image Picker Installing)
- Lecture 1.2: (Use of Image Picker)
- Lecture 1.3: (The Contracts Library installing)
- Lecture 1.4: (Use of contracts Library)
- Lecture 1.5: (Installing React Native Elements)
- Lecture 1.6: (Using React Native Elements)

Module 7: (More about React Native)

Topic 1: (React Native)

- Lecture 1.1: (Debugging)
- Lecture 1.2: (Reusable Components)
- Lecture 1.3: (The Platform)
- Lecture 1.4: (Animations)
- Lecture 1.5: (Interpolation)
- Lecture 1.6: (Parallel and Sequence Animations)

Module 8: (Practice Project)

Topic 1: (Who lose the game?)

Lecture 1.1: (Installation and Context)

Lecture 1.2: (Creating the input and validation)

Lecture 1.3: (Creating the list)

Lecture 1.4: (Starting the stage 2 and Toasts)

Lecture 1.5: (Creating the Stage 2)

Lecture 1.6: (Installing Fonts and Finishing Apps)

PATENTS & INTELLECTUAL PROPERTY RIGHTS

COURSE CODE: MOOCUBS-A01

DURATION: 05 Hrs.

Course Prerequisites:

Any Stream of B.Tech. Or M.Tech.

What you will learn?

1. Understand the basic knowledge of intellectual property and its significance
2. Read, interpret and analyse the various parts of patents.
3. Perform patentability and prior art searches on free patent databases.
4. Learn search tactics such as use of Boolean operators and use of AND, OR, NOT.
5. Analyse and learn about design Patents and design patent classifications.
6. Learn about various forms of patent applications.

Course Description:

This course is designed impart knowledge about the various forms of intellectual property rights and how the study of Intellectual property is important in today's world. This course will give a deep insight of how to interpret a patent through free patent search tools available on the internet. The course also gives an overview of the free and paid patent databases available in the market along with simple search tactics that will enhance one's searching skills.

COURSE DETAILS

MODULE 1: Introduction

TOPIC 1: Introduction and Types of IPR

LECTURE 1.1: An introduction to IPR and its significance

LECTURE 1.2: Various types of IPR

LECTURE 1.3: Copyrights & Trademarks

LECTURE 1.4: Geographical Indications, Trade secrets & Plant varieties)

MODULE 2: PATENT AND VARIOUS FORMS OF PATENT APPLICATIONS

TOPIC 1: Patents

LECTURE 1.1: Introduction to patents, its types and various components of a patent

LECTURE 1.2: How to view patents on Google patents & espacenet

TOPIC 2: Patent searches and patent applications

LECTURE 2.1: Various types of patent searches

LECTURE 2.2: (Various types of patent applications)

MODULE 3: (PATENT SEARCHING)

TOPIC 1: How to perform Non Patent literature (NPL) searches & patent searches?

LECTURE 1.1: NPL search & simple search tactics to enhance searching skills by using search strings and using Boolean operators

LECTURE 1.2: Searching on free patent databases & paid patent databases

POWER BI

COURSE CODE: MOOCUBS-A02

DURATION: 05 Hrs.

Course Prerequisites:

Basic knowledge of MS Excel

What you will learn?

1. Transform raw data into beautiful interactive dashboards
2. Build Business Intelligence reports
3. Learn to study trend analysis
4. Data visualization and DAX functions
5. Insight into Power BI interview questions

Course Description:

Business Intelligence has become an important technology for data professionals today. Learning and using a data visualization tool is a crucial part for Business Intelligence and Data Analytics.

Power BI is a self-service Business Intelligence tool from Microsoft used for data visualization and analysis to create interactive dashboards and reports. This course will enable the learners in efficient and effective interpretation of the data thus leading to better decision making.

COURSE DETAILS

Module 1: Introduction

Topic 1: Business Intelligence

- Lecture 1.1: What is Business Intelligence?
- Lecture 1.2: Benefits of using BI tools
- Lecture 1.3: Introduction to Data Visualization

Topic 2: Introduction to Power BI (Topic-1)

- Lecture 1.1: What is Power BI?
- Lecture 1.2: Why choose Power BI
- Lecture 1.1: Key benefits of Power BI

Topic 3: Structure

- Lecture 1.1: Components of Power BI
- Lecture 1.2: Architecture of Power BI
- Lecture 1.3: Building Blocks of Power BI

Module 2: Getting Started With Power Bi

Topic 1: Introduction

- Lecture 1.1: Install Power BI Desktop
- Lecture 1.2: Import Data

Topic 2: Starting with visuals

- Lecture 1.1: Create simple visual
- Lecture 1.2: Publish report

Topic 3: Data Sources

- Lecture 1.1: Joining data sources
- Lecture 1.2: Building and sharing dashboards
- Lecture 1.3: Pin visuals

Module 3: Power BI Desktop

Topic 1: Introduction to Charts

- Lecture 1.1: Bar and Column chart
- Lecture 1.2: Line and Area chart
- Lecture 1.3: Pie and Doughnut chart
- Lecture 1.4: Tree maps and Maps
- Lecture 1.5: Funnel and Gauge chart

Topic 2: Cards

- Lecture 1.1: What is card visualization?
- Lecture 1.2: How to create a card

Topic 3: Tables and Matrices

- Lecture 1.1: What is table visualization?
- Lecture 1.2: How to create a table
- Lecture 1.3: What is matrix visualization?
- Lecture 1.4: How to create a matrix

Module 4: Power BI KPI

Topic 1: Key Performance Indicator

- Lecture 1.1: What is KPI?
- Lecture 1.2: Requirements for KPI

Topic 2: KPI visualization

- Lecture 1.1: Steps to create a KPI

Module 5: Power BI Dashboard

Topic 1: What is Dashboard?

- Lecture 1.1: Create a dashboard
- Lecture 1.2: Share a dashboard
- Lecture 1.3: View a dashboard

Topic 2: Dashboards vs. Report

- Lecture 1.1: Key differences

Module 6: Working with Dummy Dataset

Topic 1: Introduction

- Lecture 1.1: Creating visuals
- Lecture 1.2: Dashboard
- Lecture 1.3: Performing DAX functions
- Lecture 1.4: Report

Module 7: Interview Questions

BASIC STATISTICS FOR DECISION MAKING

COURSE CODE: MOOCUBS-A03

DURATION: 07 Hrs.

Course Prerequisites:

Basic knowledge of MS

What you will learn?

1. Different Data Science disciplines+
2. What is Business Intelligence
3. Mathematical and Statistical concepts
4. MS-Excel

Course Description:

Business Intelligence has become an important technology for data professionals today. Learning and working on data science disciplines is crucially important.

This course will cover some Statistical concepts and methods required to study the data at the initial level. We will learn about need of data, data science disciplines, descriptive statistics, inferential statistics, confidence intervals and hypothesis testing.

COURSE DETAILS

MODULE 1: BUSINESS INTELLIGENCE AND IMPORTANCE OF DATA

TOPIC 1: Business Intelligence

Lecture 1.1: What does the course cover?

TOPIC 2: Why data is important?

Lecture 2.1: Need of Data

Lecture 2.2: Traditional Data and Big Data

MODULE 2: INTRODUCTION TO DATA SCIENCE DISCIPLINES

TOPIC 1: Data Science disciplines

Lecture 1.1: Data Analytics and Business Analytics

Lecture 1.2: Business Intelligence, Machine Learning and AI

Lecture 1.3: Software and programming languages used

Lecture 1.4: Job positions

MODULE 3: STATISTICS

TOPIC 1: Introduction to Statistics

Lecture 1.1: Population vs Sample

TOPIC 2: Descriptive Statistics

Lecture 2.1: Types of Data

Lecture 2.2: Levels of Measurement

Lecture 2.3: Categorical and Numerical variables

Lecture 2.4: Mean, Median and Mode

Lecture 2.5: Variance

Lecture 2.6: Standard Deviation

Lecture 2.7: Covariance

Lecture 2.8: Correlation

TOPIC 3: Inferential Statistics

Lecture 3.1: Distribution and Normal Distribution

Lecture 3.2: Standard Normal Distribution

Lecture 3.3: Central Limit Theorem

MODULE 4: CONFIDENCE INTERVAL

TOPIC 1: Introduction to Confidence Interval

Lecture 4.1: Population variance known

Lecture 4.2: Population variance unknown

Lecture 4.3: CI: Two means, dependent samples

Lecture 4.4: CI: Two means, independent samples

MODULE 5: HYPOTHESIS TESTING

TOPIC 1: Hypothesis Testing

Lecture 5.1: Null and Alternative Hypothesis

Lecture 5.2: Rejection region and Significance Level

Lecture 5.3: p-value

Course: Vermicomposting Business

What you will learn?

1. How to make vermicompost?
2. How to start your own vermicomposting business?
3. You will learn to produce the vermicompost of exceptional quality for the organically starved soil.
4. You will learn the technique used in vermicomposting.

Requirements:

1. A learner must be 10+.
2. No pre knowledge is required.

Course Description:

This course will enable the budding entrepreneurs to start a flourishing Vermicompost business.

The use of chemical fertilizers has increased tremendously from green revolution leading to heavy dependence on chemical fertilizer in conventional agricultural system. The application of chemical fertilizers, no doubt has increased the crop productivity many folds, but their continuous and imbalanced application has also produced detrimental effects on soil health due to which crop yields have become stagnated in past few decades not to reflect upon its impact on human health which can be seen in the growing number of the cancer patients throughout the world.

Dear learners, Vermicomposting has gained popularity in both industrial and domestic settings because, as compared with conventional composting, it provides a way to treat organic wastes more quickly. In manure composting, it also generates products that have lower salinity levels.

Course Content

Module I. Introduction to Vermicomposting

Topic 1: Introduction to vermicompost, Vermiculture and Vermiwash

Lecture 1.1: Meaning of Vermicomposting, Vermiculture and Vermiwash, Principle of Vermiwash Preparation, Method of the application of Vermiwash

Lecture 1.2: Effect of Vermicompost on different crops and plants

Topic 2: Difference between Vermicompost and Compost

Lecture 2.1: Vermicompost Vs. Compost

Topic 3: Importance of Vermicompost

Lecture 3.1: Need of Vermicomposting

Topic 4: Advantages and Disadvantages of Vermicompost

Lecture 4.1: Advantages of Vermicomposting

Lecture 4.2: Disadvantages of Vermicompost

Module II: Requirements of Vermicomposting

Topic 1: Materials required for Vermicomposting

Lecture 1.1: Materials Required for Vermicomposting

Lecture 1.2: Brief Description and Selection of Suitable Earthworms

Lecture 1.3: Vermiculture

Topic 2: Vermicompost Site

Lecture 2.1: Site Selection

Lecture 2.2: Composting unit

Module III: Process of Vermicomposting

Topic 1: Stages of Vermicomposting Process

Lecture 1.1: Steps in the process of vermicomposting

Lecture 1.2: Basic requirements of the earthworms

Topic 2: Phases of Vermicomposting

Lecture 2.1: Pre- composting Phase

Lecture 2.2: Mesophilic Phase

Lecture 2.3 Maturing and Stabilization

Module IV: Different types of units/ Methods of Vermicomposting

Topic 1: Pit Method

Lecture 1.1: Process of Pit Method

Topic 2: Open Bed Method

Lecture 2.1: Process of Open Bed Method

Module V: Harvesting of the Vermicompost

Topic 1: Problems faced in vermicomposting and their solutions

Lecture 1.1: Commonly faced problems in vermicomposting and their solutions

Lecture 1.2: Precautions to be taken in vermicomposting

Lecture 1.3: Assessing the maturity of the vermicompost

Topic 2: Methods of Harvesting, storing and packing the Vermicompost

Lecture 2.1: Manual Harvesting

Lecture 2.2: Bulk Harvesting by the Pyramidal Method

Lecture 2.3: Sieve Method

Lecture 2.4: How to store and Pack Vermicompost

Module VI: Licensing

Topic 1: Meaning of Licensing

Lecture 1.1: Licensing

Module VII: Visit to the vermicomposting Unit

Video 1: Infrastructure

Video 2: Process of Vermicomposting

Merit Generation and Seat Allotment Rules

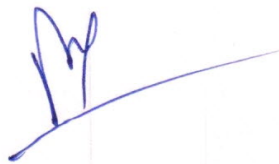
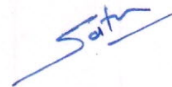
The committee constituted vide office order DAA/MRSPTU/2022/3562 dated 25.01.2022 had various meeting and hereby proposes following rules for the Merit Generation, Tie breaking and Seat Allotment rules for Admission in MRSPTU Bathinda. These rules are general for all the programmes, however the guidelines issued by the statutory body for a particular programme should be taken care while preparing the merit.

Prerequisites of Merit Generation:

1. The candidate/aspirant seeking admission in a programme offered by the University should qualify the eligibility of admission, which would be as per guidelines/notifications issued time to time by the statutory body or notifications issued by University for the programme.
2. The marks in aggregate and subject wise in Matriculation, 10+2, Diploma, Undergraduate and Postgraduate etc. as applicable should be sought from the candidates.
3. The degrees issued by the authorized universities/ boards/ statutory bodies' etc. can be considered for the authentication of marks.
4. At least three preferences of colleges should be collected from the candidate.
5. At least three preferences of programmes should be collected from the candidates.

Rules for Merit Generation:

1. The merit shall be prepared separately for all the programmes offered by the University, now onward would be called as "**Merit of Programme**".
2. The **Merit of Programme** shall be prepared for all those candidates who applied for the programme, irrespective of the choice of category, college, reserve seat, state/other state quota etc. applied by the candidate.
3. The merit shall be prepared in following parts taking care that the top scorers should be give the higher rank in the merit list.
 - a. **Merit Part-A:** Ranking/ Percentage of marks scored by candidate in Entrance Exam like: JEE/ NATA/ C-MAT/ GATE etc. OR ranking given by National Testing Agency.
 - b. **Merit Part-B:** Aggregate marks scored by candidate and studied Physics, Chemistry and Mathematics in the qualifying examination (For Engineering and Technical programmes)
 - c. **Merit Part-C:** Aggregate marks scored by candidate in the qualifying examination.
4. The final merit list for the programme i.e., **Merit of Programme** shall be the combination of above as per below mentioned criteria.
 - (a) For B.Arch.: The **Merit of Programme** shall be prepared by giving 50% weightage to **Merit Part-A** (NTA (i.e. JEE) or NATA only) and 50% weightage to combine **Merit Part-B and Merit Part-C**.
 - (b) For Other Programmes: All the candidates in **Merit Part-A** shall be given at higher rank in the **Merit of Programme**. Next positions shall be given to candidates in the **Merit Part-B** and last positions shall be given to Merit Part-C, keeping the order of the respective merits same.

5. The 'Merit of Programme' for all other programmes shall be prepared similarly using the above rules.

Tie Braking Rules: These rules can be used while preparing *Merit of Programme* in the case two or more students have same percentage in the qualifying marks.

1. First preference will be given to inter-se-merit/marks of qualifying examination.
2. In case of tie in (1) above the candidate scoring higher marks in 10th examination shall be higher in rank in the *Merit of Programme*.
3. In case of tie in (2) above, candidates senior in age shall be higher in rank in the *Merit of Programme*.

Seat Allotment Rules:

1. The first and foremost seat shall be allotted to the candidate with first rank in *Merit of Programme* list. He/she shall be given seat as per his/her choice of: (a) college (b) 85% seats for Punjab residents and 15% outside Punjab. Thereafter, second ranked candidate shall be considered for seat allotment and so on.
2. Seat allotment for 85% seats for Punjab residents and 15% outside Punjab candidates should be taken up simultaneously.
3. The general category seats of the college should be filled first. Even if a candidate belongs to reserved category, he/she shall be considered in general category first before being considered in respective reserved category.
4. If all the general category seats in a college are filled, the category seats shall be allotted to eligible candidates. In any case, the reserved category seats cannot be allotted to a general category candidate during the counselling.
5. If a candidate didn't get seat in a college, he/she will be given seat according to his/her second preference of college, provided seats in the college are available. Third preference may also be considered.
6. If candidate didn't get seat in any of the college, he/she will be given seat according to his/her second preference of programme, provided seats are available in the programme after filling the seats with candidates have the programme as first preference. The third preference of the candidate may also be considered.
7. The left-over candidates who could not secure seat in the online counselling may apply for subsequent counselling rounds.

After following the adequate counselling rounds with above said procedure, if still the seats remained vacant in reserve category these can be filled with candidates belonging to general category through Direct Admission process.

Dr. Satnam Singh

Dr. Jyoti Rani

Dr. Amit Bhatia

Dr. Naveen Singla

Dr. Manjeet Bansal

Note No. #1**Sub.: Merit Generation and Seat Allotment Rules.**

Sir,

As per subject cited above, the case is attached herewith for your consideration please.

12/07/2022 1:27 PM

KAILASH JOSHI
(CDEO(DEAN ACADEMIC OFFICE)-MRSPTU-BTD)

Note No. #2

The Merit Generation and Seat Allotment Rules as proposed by Committee are placed herewith for your kind perusal and approval please.

12/07/2022 1:49 PM

SATNAM SINGH
(ASST. DEAN(ACADEMICS)-MRSPTU)

Note No. #3

For consideration and approval please.

13/07/2022 9:59 AM

KAWALJIT SINGH SANDHU
(ASSO DEAN(ACADEMICS)-MRSPTU)

Note No. #4

Approved

13/07/2022 1:59 PM

BUTA SINGH SIDHU
(VICE CHANCELLOR-MRSPTU-BTD)

Note No. #5

13/07/2022 2:19 PM

KAWALJIT SINGH SANDHU
(ASSO DEAN(ACADEMICS)-MRSPTU)

Note No. #6

For Notification and Closure of file.

13/07/2022 2:31 PM

SATNAM SINGH
(ASST. DEAN(ACADEMICS)-MRSPTU)



ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਤਕਨੀਕੀ ਯੂਨੀਵਰਸਿਟੀ, ਬਠਿੰਡਾ
ਡੱਬਵਾਲੀ ਰੋਡ, ਬਠਿੰਡਾ - 151001

Maharaja Ranjit Singh Punjab Technical University

DABWALI ROAD, BATHINDA-151001

[A State University Estb. by Govt. of Punjab Act No. 5(2015) u/s 2(f) & Approved u/s 12B of UGC Act, 1956]

ਐਸੋ. ਡੀਨ (ਅਕਾਦਮਿਕ ਮਾਮਲੇ)

Associate Dean (Academic Affairs)

Ref. No.: DAA/MRSPTU/Notifications/ 125

Date: 13/07/22

NOTIFICATION

Merit Generation and Seat Allotment Rules

Consequent upon the approval of the competent authority vide File No: I-15/1027/2022-DEAN ACAD-MRSPTU-BTD dated 13.07.2022 the rules for the Merit Generation, Tie breaking and Seat Allotment for admission in MRSPTU Bathinda are as follows. These rules are general for all the programmes, however the guidelines issued by the statutory body for a particular programme should be taken care while preparing the merit.

Prerequisites of Merit Generation:

1. The candidate/aspirant seeking admission in a programme offered by the University should qualify the eligibility of admission, which would be as per guidelines/notifications issued time to time by the statutory body or notifications issued by University for the programme.
2. The marks in aggregate and subject wise in Matriculation, 10+2, Diploma, Undergraduate and Postgraduate etc. as applicable should be sought from the candidates.
3. The degrees issued by the authorized universities/ boards/ statutory bodies' etc. can be considered for the authentication of marks.
4. At least three preferences of colleges should be collected from the candidate.
5. At least three preferences of programmes should be collected from the candidates.

Rules for Merit Generation:

1. The merit shall be prepared separately for all the programmes offered by the University, now onward would be called as "**Merit of Programme**".
2. The *Merit of Programme* shall be prepared for all those candidates who applied for the programme, irrespective of the choice of category, college, reserve seat, state/other state quota etc. applied by the candidate.
3. The merit shall be prepared in following parts taking care that the top scorers should be give the higher rank in the merit list.
 - a. **Merit Part-A:** Ranking/ Percentage of marks scored by candidate in Entrance Exam like: JEE/ NATA/ C-MAT/ GATE etc. OR ranking given by National Testing Agency.
 - b. **Merit Part-B:** Aggregate marks scored by candidate and studied Physics, Chemistry and Mathematics in the qualifying examination (For Engineering and Technical programmes)
 - c. **Merit Part-C:** Aggregate marks scored by candidate in the qualifying examination.
4. The final merit list for the programme i.e., *Merit of Programme* shall be the combination of above as per below mentioned criteria.
 - (a) For B.Arch.: The *Merit of Programme* shall be prepared by giving 50% weightage to *Merit Part-A* (NTA (i.e. JEE) or NATA only) and 50% weightage to combine *Merit Part-B* and *Merit Part-C*.
 - (b) For Other Programmes: All the candidates in *Merit Part-A* shall be given at higher rank in the *Merit of Programme*. Next positions shall be given to candidates in the *Merit Part-B* and last positions shall be given to Merit Part-C, keeping the order of the respective merits same.
5. The '*Merit of Programme*' for all other programmes shall be prepared similarly using the above rules.

Tie Braking Rules: These rules can be used while preparing *Merit of Programme* in the case two or more students have same percentage in the qualifying marks.

1. First preference will be given to inter-se-merit/marks of qualifying examination.
2. In case of tie in (1) above the candidate scoring higher marks in 10th examination shall be higher in rank in the *Merit of Programme*.
3. In case of tie in (2) above, candidates senior in age shall be higher in rank in the *Merit of Programme*.

Seat Allotment Rules:

1. The first and foremost seat shall be allotted to the candidate with first rank in *Merit of Programme* list. He/she shall be given seat as per his/her choice of: (a) college (b) 85% seats for Punjab residents and 15% outside Punjab. Thereafter, second ranked candidate shall be considered for seat allotment and so on.
2. Seat allotment for 85% seats for Punjab residents and 15% outside Punjab candidates should be taken up simultaneously.
3. The general category seats of the college should be filled first. Even if a candidate belongs to reserved category, he/she shall be considered in general category first before being considered in respective reserved category.
4. If all the general category seats in a college are filled, the category seats shall be allotted to eligible candidates. In any case, the reserved category seats cannot be allotted to a general category candidate during the counselling.
5. If a candidate didn't get seat in a college, he/she will be given seat according to his/her second preference of college, provided seats in the college are available. Third preference may also be considered.
6. If candidate didn't get seat in any of the college, he/she will be given seat according to his/her second preference of programme, provided seats are available in the programme after filling the seats with candidates have the programme as first preference. The third preference of the candidate may also be considered.
7. The left-over candidates who could not secure seat in the online counselling may apply for subsequent counselling rounds.

After following the adequate counselling rounds with above said procedure, if still the seats remained vacant in reserve category these can be filled with candidates belonging to general category through Direct Admission process.

f. Jivandeep Kaur
13/7/2022

**Associate Dean (Academic Affairs),
MRSPTU, Bathinda**

Copy to:

1. PA to Vice Chancellor, MRSPTU, Bathinda for information to the Hon'ble Vice Chancellor please.
2. Registrar, MRSPTU, Bathinda
3. Chairperson Admission Cell, MRSPTU, Bathinda
4. Chairperson Information Brochure Committee, MRSPTU, Bathinda
5. Prof. I/C, Finance, MRSPTU, Bathinda
6. Prof. I/C, ITES, MRSPTU, Bathinda for uploading this on University website.
7. Heads/Directors/Principals of University Main Campus/ GZSCCET/ PITs/ PSAEC, Patiala/All affiliated colleges of MRSPTU through E-mail



ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਤਕਨੀਕੀ ਯੂਨੀਵਰਸਿਟੀ, ਬਠਿੰਡਾ

ਡੱਬਵਾਲੀ ਰੋਡ, ਬਠਿੰਡਾ - 151001

Maharaja Ranjit Singh Punjab Technical University

DABWALI ROAD, BATHINDA-151001

[A State University Estb. by Govt. of Punjab Act No. 5(2015) u/s 2(f) & Approved u/s 12B of UGC Act, 1956]

Ref. No.: UBS/22/1002

Date: 06.07.2022

Eligibility for new courses started from session 2022-23

Programme Name	Duration	Eligibility
MBA (Agri Business)	2 Yrs/ 4 Sem.	(i) All those candidates who have passed bachelors degree of minimum three year duration with atleast 50% marks (45% marks in case of a candidate belonging to reserved category) in any discipline from the University recognized by the University Grants Commission (UGC) and with valid rank in C-MAT shall be eligible to apply for MBA course. (ii) Admissions to the MBA courses, both for 85% seats for resident of Punjab and 15% seats for outsiders shall be made strictly on the basis of C-MAT and in case seats are not being filled under respective categories, admission may be considered on the basis of inter-se-merit in qualifying examination.
MBA (Hospital Administration)	2 Yrs/ 4 Sem.	1. MBBS (recognized by respective council) 2. BDS, BAMS, BHMS, BPT, Pharmacy, Nursing and other medical qualification (recognized by respective council with 60% marks aggregate) and with one year experience in healthcare sector 3. Any graduation (recognized by UGC/ AICTE with 60% marks aggregate) and with 2 years' experience in health sector or 3 years' experience in any govt./private sector.
B. Com. with Aviation and Logistics Management)	3 Yrs./ 6 Sem.	Passed 10+2 with 50% in Commerce stream from any Board recognized or established by Central/State Government through a legislation.
Skill Certificate Course in Tally	6 Months	Passed 10+2 in any stream from any Board recognized or established by Central/State Government through a legislation.
Executive MBA	3 Years	1. Bachelor's degree of minimum 3 years duration from UGC/AICTE recognized institutions 2. Obtained at least 50% (45% in case of candidate belonging to reserved category) at the qualifying examination 3. Minimum 1 year work experience is required in any government or private limited company.

Bhullor
Chairperson BoS,
Commerce and Business Management



ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਤਕਨੀਕੀ ਯੂਨੀਵਰਸਿਟੀ, ਬਠਿੰਡਾ
ਡੱਬਵਾਲੀ ਰੋਡ, ਬਠਿੰਡਾ - 151001

Maharaja Ranjit Singh Punjab Technical University
DABWALI ROAD, BATHINDA-151001

[A State University Estb. by Govt. of Punjab Act No. 5(2015) u/s 2(f) & Approved u/s 12B of UGC Act, 1956]

Ref. No.: HCEP/364

Date: 28/6/2022

Eligibility for new courses started from session 2022-23

Programme Name	Duration	Eligibility
M.Tech. (Structural and Foundation Engineering) Part Time	3 Yrs./ 6 Sem.	Passed B.Tech. Civil/ Civil with computer applications from any University recognized by the University Grants Commission (UGC).
M.Tech. (Construction Technology & Management) Part Time	3 Yrs./ 6 Sem.	Passed B.Tech. Civil Engg. or B. Arch. from any University recognized by the University Grants Commission (UGC).
M.Tech. (Environmental Science and Engineering) Part Time	3 Yrs./ 6 Sem.	Passed B.Tech. (any branch) / M. Sc. (Environmental Sciences / Environmental Mgt. / Chemistry/ Physics/ Biotechnology) from any University recognized by the University Grants Commission (UGC).
Skill Certificate Course in Quantity surveying & Quality Control	6 months	Passed Diploma in Civil Engineering / Diploma in Architecture from Punjab State Board of Technical Education & Industrial Training Chandigarh or from any other recognized State Board of Technical Education.
B.Tech. (Civil Engineering with Computer Application)	4 Yrs./ 8 Sem.	Same as B.Tech. (Civil Engg.)

28/06/2022

Chairperson BoS,
Civil Engineering

ADAA
4/7/22
ACT ADAA - II



ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਤਕਨੀਕੀ ਯੂਨੀਵਰਸਿਟੀ, ਬਠਿੰਡਾ

ਡੱਬਵਾਲੀ ਰੋਡ, ਬਠਿੰਡਾ - 151001

Maharaja Ranjit Singh Punjab Technical University
DABWALI ROAD, BATHINDA-151001


[A State University Estb. by Govt. of Punjab Act No. 5(2015) u/s 2(f) & Approved u/s 12B of UGC Act, 1956]

Ref. No.: MRSP TU / FST / 22 / 2788

Date: 24.06.2022

Eligibility for new courses started from session 2022-23

Programme Name	Duration	Eligibility
PG Diploma in Nutrition and Dietetics	1 Yr./ 2 Sem.	B.Sc. in Home Science with specialization in Foods and Nutrition and General Home Science/ B.Sc. Food Science and Technology / All B.Sc.s. /B.F. T.M./ M.B.B.S. / B.H.M.S./ B.A.M.S./ B.Pharmacy
Skill Certificate Course in Bakery and Confectionary	6 Months	Passed 10+2 in any stream from any Board recognized or established by Central/State Government through a legislation.


Chairperson BoS,
Food Science & Technology



ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਤਕਨੀਕੀ ਯੂਨੀਵਰਸਿਟੀ, ਬਠਿੰਡਾ

ਡੱਬਵਾਲੀ ਰੋਡ, ਬਠਿੰਡਾ - 151001

Maharaja Ranjit Singh Punjab Technical University
DABWALI ROAD, BATHINDA-151001

[A State University Estb. by Govt. of Punjab Act No. 5(2015) u/s 2(f) & Approved u/s 12B of UGC Act, 1956]

Ref. No.: MRSPTU/FST/22/2787

Date: 24.06.2022

Eligibility for new courses started from session 2022-23

Programme Name	Duration	Eligibility
M.Sc. (Agriculture) Agronomy	2 Yrs./ 4 Sem.	1. Bachelor's degree in respective/related subjects 2. 7.0/10 or equivalent OGPA /equivalent percentage of marks at Bachelor's degree
M.Sc. (Horticulture) Vegetable Science	2 Yrs./ 4 Sem.	1. Bachelor's degree in respective/related subjects 2. 7.0/10 or equivalent OGPA /equivalent percentage of marks at Bachelor's degree
M.Sc. (Horticulture) Fruit Science	2 Yrs./ 4 Sem.	1. Bachelor's degree in respective/related subjects 2. 7.0/10 or equivalent OGPA /equivalent percentage of marks at Bachelor's degree
B.Sc. (Hons.) Agri Business Management	4 Yrs./ 8 Sem.	Passed 10+2 in Arts / Commerce / Science stream from any Board recognized or established by Central/State Government through a legislation.


Chairperson BoS,
Agriculture Sciences



ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਤਕਨੀਕੀ ਯੂਨੀਵਰਸਿਟੀ, ਬਠਿੰਡਾ

ਡੱਬਵਾਲੀ ਰੋਡ, ਬਠਿੰਡਾ - 151001

Maharaja Ranjit Singh Punjab Technical University
DABWALI ROAD, BATHINDA-151001

[A State University Estb. by Govt. of Punjab Act No. 5(2015) u/s 2(f) & Approved u/s 12B of UGC Act, 1956]

Ref. No.: Arch/2/22/589

Date: 24/06/2022

Eligibility for new courses started from session 2022-23

Programme Name	Duration	Eligibility
Bachelor of Fine Arts (Applied Arts)	4 Yrs/ 8 Sem.	Passed 10+2 Examination or diploma from any Board recognized or established by Central/State Government through a legislation with a minimum of 40% marks in any stream.
Skill Certificate Course in Graphics and Video Editing	1 Yr./ 2 Sem.	Passed 10+2 Examination or diploma from any Board recognized or established by Central/State Government through a legislation with a minimum of 40% marks in any stream.
Bachelor of Design (Interior Design)	4 Yrs/ 8 Sems.	Passed 10+2 Examination or diploma from any Board recognized or established by Central/State Government through a legislation with a minimum of 40% marks in any stream.

Chairperson BoS,
Architecture & Planning

f. kaur
24 JUNE
2022



Giani Zail Singh Campus College of Engineering & Technology
Maharaja Ranjit Singh Punjab Technical University
DABWALI ROAD, BATHINDA-151001
ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਤਕਨੀਕੀ ਯੂਨੀਵਰਸਿਟੀ,
ਡੱਬਵਾਲੀ ਰੋਡ, ਬਠਿੰਡਾ - 151001
(A State University Estb. by Govt. of Punjab Act No. 5(2015) u/s 2(f) & Approved u/s 12B of UGC Act, 1956)

Ref No: HCSD / 2267

Department of Computer Science & Engineering

Dated: 23-05-2022

Minutes of meeting

A prescheduled meeting of standing committee of BoS CSE and other faculty members of CSE deptt. was held in the o/o HOD CSE on 18-05-2022 at 2:30pm with HOD CSE in chair, to deliberate about the nomenclature , eligibility , duration, scheme and syllabus of the following courses to be offered by the university in the coming session 22-23.

1. B. Tech. CSE (Artificial Intelligence and Machine Learning)
2. M. Tech. CSE (Part Time)
3. B. Tech. (Computer and Communication Engg.) ✓
4. M. Tech. (Computer and Communication Engg.) Part time ✓
5. M. Tech. (Computer and Communication Engg.) full time ✓

Following members attended the meeting as special invitees in reference to the letter no. 4971 dated 12/5/2022.

1. Dr.Savina Bansal (Prof. ECE Deptt.)
2. Dr. Neeraj Gill (Chairperson BoS ECE Deptt.)
3. Er. Sukhjinder Singh (Nominated by Chairperson BoS, ECE Deptt.)

The nomenclature, eligibility, duration, scheme and syllabus of the new courses to be offered by the university in the coming session 22-23.was deliberated at length and following proposal was unanimously arrived at:

1. The proposed nomenclature, eligibility and duration for the new courses to be offered in session 2022-23 are as follows.

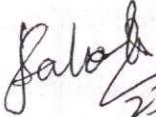
Name of the Course	Eligibility	Duration
B. Tech. CSE (Artificial Intelligence and Machine Learning)	As per B.Tech CSE of MRSPTU	4 yrs.
M. Tech. (CSE) Part Time	B.Tech CSE/IT or any other allied branch	3 yrs.
B. Tech. (Computer and Communication Engg.)	As per B.Tech CSE of MRSPTU	4 yrs.
M. Tech. (Computer and Communication Engg.) Part time	B.Tech CSE/ECE /IT or any other allied branch	3 yrs.
M. Tech. (Computer and Communication Engg.) full time	B.Tech CSE/ECE /IT or any other allied branch	2 yrs.

For verification in Faculty of Engg. & Tech.
S a h
09/06/2022

2. The scheme and syllabus of B.Tech CSE (Artificial Intelligence and Machine Learning) and M. Tech. CSE (Part Time) has been proposed. (already sent vide Ref. No. HCSD/2264 dt: 20/5/22)
3. It was proposed that the scheme and syllabus of first year B.Tech (Computer and Communication Engg.) will be same as that of scheme and syllabus of first year B.Tech of other branches. The syllabus of first year B.Tech (Computer and Communication Engg.) including the subject "Introduction to Computer and Communication Engineering." is attached. (copy attached)
4. The scheme of first year M.Tech (Computer and Communication Engg.) Part time and first year M.Tech (Computer and Communication Engg.) full time has been proposed. The scheme and syllabus for 2nd, 3rd and 4th year of the said courses are being prepared and shall be intimated soon. (syllabus of first sem. is attached)
5. The reframed scheme of 3rd and 4th sem M.Tech CSE (Regular) was proposed which is in line with the-CBCS system of MRSPTU. (copy attached)

Encls: As above

Associate Dean Academic Affairs


23/5/22
HOD CSE
GZSCCET MRSPTU
BATHINDA

CC: Chairperson BoS, ECE Deptt, GZSCCET MRSPTU

Maharaja Ranjit Singh
Punjab Technical University
Badal Road, Bathinda-151001, Punjab (INDIA)
Department of Computational Sciences



ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ
ਪੰਜਾਬ ਤਕਨੀਕੀ ਯੂਨੀਵਰਸਿਟੀ,
ਬਾਦਲ ਰੋਡ, ਬਠਿੰਡਾ 151001) ਪੰਜਾਬ (ਭਾਰਤ)
ਕੰਪਿਊਟੇਸ਼ਨਲ ਸਾਇੰਸਜ਼ ਵਿਭਾਗ
(Established by Govt. of Punjab vide Punjab Act No. 5 of 2)

Ref. No: MRSPTU/ CS./22/: 8055

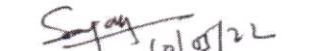
Dated: 10/5/22

Eligibility and Duration of Course PGDCA (Part-Time):

Sr. No	Course	Course Duration	Eligibility Criteria	Basis of Admission
1	PGDCA (Post-Graduate Diploma in Computer Application) (Part-Time) on Week-ends	1.5 Year/ 3 Semester	All those candidates who have passed Graduation in any discipline from University recognized by UGC	Inter-se-merit in qualifying examination

These classes has holding on be Saturday & Sunday


(Dr. Munish Kumar)


(Prof. Sanjay Bhatnagar)

Dean Academic Affairs



Maharaja Ranjit Singh Punjab Technical University

Dabwali Road, Bathinda -151001

(Established by Govt. of Punjab vide Punjab Act No. 5 of 2015)
ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਬਾਦਲ ਰੋਡ, ਬਠਿੰਡਾ

Ref. No. Arch/D/22/415

Date: 10/05/2022

To,

Associate Dean (Academic Affairs),
MRSPTU, Bathinda.

Sub: Regarding the new courses by GZS School of Architecture & Planning.

Sir,

This is with reference to your email dated 9th May, 2022, kindly make following corrections in course name, eligibility, duration, exit policy and intake of the new courses proposed by GZS School of Architecture & Planning for the session 2022 onwards:

Sr. No.	Course Name	Eligibility	Duration	Exit Policy	Intake
1	Bachelor of Interior Design	12 th or diploma with minimum 40% marks in any stream	4 years	B. Sc. Interior design after 3 years & Skill Certificate Course in Interior Design after 1 year	30
2	Bachelor of Fine Arts (Applied Arts)	12 th or diploma with minimum 40% marks in any stream	4 years	Advance Diploma in Applied Arts after 3 years, Diploma after 2 years & Certificate in Applied Arts after 1 year	30
3	Skill Certificate Course in Graphics and Video Editing	12 th or diploma with minimum 40% marks in any stream	1 year	NA	30

This is for your kind information and necessary action please

9/5/22

Professor & Head
GZS School of Architecture & Planning
MRSPTU, Bathinda

Giani Zail Singh Campus College of Engineering & Technology ਗਿਆਨੀ ਜ਼ੈਲ ਸਿੰਘ ਕੈਂਪਸ ਕਾਲਜ ਆਫ ਇੰਜੀਨੀਅਰਿੰਗ ਐਂਡ ਟੈਕਨਾਲੋਜੀ	
MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY (Estb vide Punjab Act No. 5(2015) u/s 2(f) and 12 B of UGC Act, 1956) Dabwali Road, Bathinda (Punjab) -151001	ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ, ਯੂਨੀਵਰਸਿਟੀ (ਯੂ.ਜੀ.ਸੀ ਫਲੋ 2(ਐੱਫ) ਅਤੇ 12(ਬੀ) ਅਧੀਨ ਮਾਨਤਾ ਪ੍ਰਾਪਤ) ਡੱਬਵਾਲੀ ਰੋਡ, ਬਠਿੰਡਾ (ਪੰਜਾਬ) - 151001
HEAD (Electronics & Comm Engg Deptt)	ਮੁੱਖੀ (ਇਲੈਕਟ੍ਰੋਨਿਕਸ ਐਂਡ ਕੰਮਿਊਨੀਕੇਸ਼ਨ ਇੰਜ. ਵਿਭਾਗ)
www.gzscampus.org	Contact No.: +91-87250-72480
	eceptugzs@gmail.com

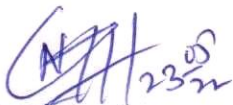
Ref. No.: HECD/ 712

Date: 23/05/2022

ANNEXURE-I

Eligibility/ Nomenclature/Duration of new courses under offer by MRSPTU, Bathinda with academic support of Deptt of ECE of GZSCCET, MRSPTU, as desired is as follows;

SN	Nomenclature	Duration	Eligibility*	Remarks/Prerequisites
1	B. Tech Biomedical Instrumentation (UA-AICTE)	04 Years	Obtained 45% marks (40% for reserve Category) in 10+2 examination with Physics, Chemistry as mandatory courses and any one from	Due to the lack of manpower in the subject, human &infrastructural resources including labs and library both are the prerequisites for these courses
2	B Tech Biomedical Engineering (UA-AICTE)	04 Years	Biology/Biotechnology/Mathematics taken together/any other as specified by MRSPTU/Pb Govt.	
3	Post Graduate Diploma in Artificial Intelligence & Machine Learning (UA)	01 Year	Bachelor's degree with a minimum of 50% marks (45% for reserve Category), having qualified mathematics/statistics as one of the mandatory subjects at 10+2/graduation level. /any other as specified by MRSPTU/Pb Govt.	Nomenclature not available in AICTE/UGC, Decision on the start/continuance may kindly be reviewed accordingly, if required.
4	M Tech in Electronics and Communication Engineering (Part-Time) (UA-AICTE)	03Years	Bachelor in Engg. & Tech. /M. Sc. (Physics), with specialization in Electronics and its allied areas, preference shall be given to working professionals with two years' experience after B. Tech. /any other as specified by MRSPTU/Pb Govt.	For remarks please refer to the MoMs of BoC-ECE HECD 618 dt 02-03-2022 sent vide HECD 619 dt 02-03-2022.
5	Solar System Installation & Maintenance	Your kind attention is drawn towards MoMs of BoC-ECE vide HECD 618, dt 02-03-2022 sent vide HECD 619 dt 02-03-2022 for the prerequisites before the start of the said course please.		
6	Home Surveillance System Installation & Maintenance			



Head, ECE Deptt.
GZSCCET, MRSPTU, Bathinda

✓ Associate Dean, MRSPTU, Bathinda

HEED-8597
18/05/2022

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
Dabwali Road, BATHINDA – 151001

(A state technical university estb. By Govt. of Punjab Act No. 5(2015) u/s 2(f) &
approved u/s 12B of UGC act 1956)

Ref. No. 8597

Date 18/05/2022

Department of Electrical Engg.

To

The Associate Dean,
Academic Affairs,
MRSPTU Bathinda.

Handwritten notes:
20/5/22
Asst DAA-IP

Subject: Regarding academic eligibility of the Full-Time & Part-Time courses of M. Tech Power System and M. Tech Electrical Engg., and One-Year Certificate course of Electrician

13th meeting of BOS in Electrical Engineering of MRSPTU Bathinda, was held through Google hangouts online meet (<https://meet.google.com/iby-spyz-hqc>) on May 12, 2022 (Thursday) at 3:00 p.m. onwards. The minutes of the same have already been submitted through our letter no. HEED/8595, dated 17/05/2022. The academic eligibility of the courses is as follows:

S.No.	Programme	Duration of the Programme	Minimum Eligibility Criteria for 2022-23 batch onwards admissions
1.	M.Tech Power System	Part-Time (3Year/6-Sem) Full-Time (2Year/4Sem)	B.E/B.Tech in Electrical Engg./ Electrical & Electronics Engg./ Electrical Engg. & Industrial Control/ Instrumentation & Control Engg.
2.	M.Tech Electrical Engg.	Part-Time (3Year/6-Sem) Full-Time (2Year/4-Sem)	B.E/B.Tech in Electrical Engg./ Electrical & Electronics Engg./ Electrical Engg. & Industrial Control/ Instrumentation & Control Engg.
3.	Certificate Programme in Electrician	Full-Time (One-Year/2-Sem)	Matriculation or equivalent NSQF Level as prescribed by MRSPTU, Bathinda

This is being submitted for your further necessary action please.

Handwritten: Bath 18/5/2022
Dr. Sarbjeet Kaur Bath
(Chairperson of BoS EE)

Handwritten: 18/5/2022
Dr. Ved Prakash
(Member of BoS EE)



ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਤਕਨੀਕੀ ਯੂਨੀਵਰਸਿਟੀ, ਬਠਿੰਡਾ

ਡੱਬਵਾਲੀ ਰੋਡ, ਬਠਿੰਡਾ - 151001

Maharaja Ranjit Singh Punjab Technical University
DABWALI ROAD, BATHINDA-151001

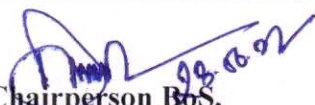
[A State University Estb. by Govt. of Punjab Act No. 5(2015) u/s 2(f) & Approved u/s 12B of UGC Act, 1956]

Ref. No.:

Date:

Eligibility for new courses started from session 2022-23

Programme Name	Duration	Eligibility
Post Graduate Diploma in Public Health	1 Yr./ 2 Sem.	Applicants should have a graduate/postgraduate degree in medicine, AYUSH, dental, nursing, pharmacy, health sciences, physiotherapy, occupational therapy, natural/life sciences, management, social sciences, social work, economics, statistics or any equivalent qualification.
Post Graduate Diploma in Medical Record Techniques	1 Yr./ 2 Sem.	Passed any Graduation/ B.Tech/ B.Sc. in Microbiology/ Life Sciences/ Botany/ Zoology/ Food Science/ Food Technology/ B.E./ B.Pharma/ MBBS/ BDS/ BHS/ BUMS/ BAMS or any other discipline.
Post Graduate Diploma in Hospital Management	1 Yr./ 2 Sem.	Passed any Graduation/ B.Tech./ B.Sc. in Microbiology/ Life Sciences/ Botany/ Zoology/ Food Science/ Food Technology/ BE/ B.Pharma/ MBBS/ BDS/ BHMS/ BUMS/ BAMS or any other discipline. Diploma holders are eligible for our Executive Diploma, Industry Certificate, and Certificate Programmes.


Chairperson BoS,
Pharmaceutical Sciences



MRSPTU
Bathinda

Dean Academic Affairs MRSPTU <daa@mrsptu.ac.in>

updated eligibility for MBA (HA)

University Business School <mgthod@mrsptu.ac.in>
To: Dean Academic Affairs MRSPTU <daa@mrsptu.ac.in>

Mon, Jul 11, 2022 at 3:19 PM

Respected Sir,

Please find the below updated eligibility criteria for MBA (HA)

Eligibility Criteria

- Bachelor of Medicine and Bachelor of Surgery (MBBS)/ BAMS / BHMS/ BDS / B. Pharmacy / B.Sc. (Nursing) / Bachelor of Physiotherapy (BPT)) recognized by the respective council

or

- Any Bachelor degree from UGC/AICTE recognized university/institute with a minimum of 60% of marks (in aggregate) (55% for SC/ST Candidates) and must have at least three-year work experience in any government or private sector. Candidate having experience in healthcare sector will be given preference.

Dr. Pritpal Singh Bhullar
Incharge
University Business School,
MRSPTU, Bathinda.
Mob. 87250-72428

*CDEO, this earlier eligibility
plz be replaced with this updated
eligibility in the Academic Council
agenda*
S u tu
14/07/2022



ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਤਕਨੀਕੀ ਯੂਨੀਵਰਸਿਟੀ, ਬਠਿੰਡਾ

ਡੱਬਵਾਲੀ ਰੋਡ, ਬਠਿੰਡਾ - 151001

Maharaja Ranjit Singh Punjab Technical University

DABWALI ROAD, BATHINDA-151001

[A State University Estb. by Govt. of Punjab Act No. 5(2015) u/s 2(f) & Approved u/s 12B of UGC Act, 1956]

ਐਸੋ. ਡੀਨ (ਅਕਾਦਮਿਕ ਮਾਮਲੇ)

Associate Dean (Academic Affairs)

Ref. No.: DAA/MRSPTU/Notifications/

Date:

ACADEMIC CALENDAR

Session: 2022-23

(For All Batches Including Lateral Entry)

ODD SEMESTER (UG/PG)		
S. No.	Description	Period
1.	Commencement of Semester	16 th August, 2022 onwards
2.	1 st Mid Semester Test	10 th to 15 th October, 2022
3.	2 nd Mid Semester Test	28 th November, 2022 to 03 rd December, 2022
4.	Classes up to	09 th December, 2022
5.	End Semester Examinations	14 th to 30 th December, 2022
6.	Practical Examinations	Immediately after the end of regular Theory Examinations
7.	Vacations	20 th December, 2022 to 1 st January, 2023

EVEN SEMESTER (UG/PG)		
S. No.	Description	Period
1.	Commencement of Semester	2 nd January 2023, onwards
2.	1 st Mid Semester Test	27 th February, 2023 to 4 th March, 2023
3.	2 nd Mid Semester Test	24 th to 28 th April, 2023
4.	Classes up to	28 th April, 2023
5.	End Semester Examinations	02 nd to 19 th May, 2023
6.	Practical Examinations	Immediately after the end of regular Theory Examinations
7.	Vacations	15 th May, 2023 to 30 th June, 2023
8.	End Semester Summer Training	20 th May, 2023 to 30 th June, 2023
9.	Commencement of Academic Year 2023-24	01 st July, 2023 (Tentative)

Note:

1. All the Institutes must ensure 90 teaching days. To ensure 90 teaching days, classes should be held on Saturdays also, if needed.

*Put in for morning
Academic
Council meeting for
consideration and approval.*

ASTP DAA - T

8/7/22

8/7/22
Associate Dean Academic Affairs

CDEO to do needful

S. An
08/07/2022

Note No. #1

Sub.: Proposal to start Lateral Entry of the programmes offered by MRSPTU Bathinda running in affiliated colleges from session 2022-23 onwards.

In reference to the subject cited above the following affiliated colleges are seeking permission to start lateral entry in the courses mentioned below along with the eligibility criteria. The matter was forwarded to Chairperson, BoS Pharmacy for their comments and approval and he has agreed to start Lateral Entry as per the eligibility criteria in the below mentioned table (copy attached).

S.No	College Name	Course Name	Eligibility
1.	i.)Bhai Gurdas Institute of Allied Sciences ii.)Dolphin PG College	B.Sc. (Anesthesia Technology) (Lateral Entry)	All those Candidates who have passed 3 year Diploma in any Stream. Or 2 Yrs. Diploma (after 10+2) in Anesthesia or Operation theater technology or At & OTT or equivalent from recognized Punjab State Board of Technical Education & Industrial Training Chandigarh or such examination from any other recognized State Board of Technical Education.
2.	i.)Bhai Gurdas Institute of Allied Sciences ii.)Dolphin PG College	B.Sc. (Cardiac Care Technology) (Lateral Entry)	All those Candidates who have passed 3 year Diploma in any Stream. Or 2 Yrs. Diploma (after 10+2) in Cardiac care / Cardiovascular technology /Radio Medical Imaging Technology or equivalent from recognized Punjab State Board of Technical Education & Industrial Training Chandigarh or such examination from any other recognized State Board of Technical Education.
3.	Bhai Gurdas Institute of Allied Sciences	B.Sc. (Respiratory Care Technology) (Lateral Entry)	All those Candidates who have passed 3 year Diploma in any Stream. Or 2 Yrs. Diploma (after 10+2) in Respiratory care or equivalent from recognized Punjab State Board of Technical Education & Industrial Training Chandigarh or such examination from any other recognized State Board of Technical Education.
4.	Bhai Gurdas Institute of Allied Sciences	B.Sc. (Dialysis Technology) (Lateral Entry)	All those Candidates who have passed 3 year Diploma in any Stream. Or 2 Yrs. Diploma (after 10+2) in Dialysis Technology or equivalent from recognized Punjab State Board of Technical Education & Industrial Training Chandigarh or such examination from any other

			recognized State Board of Technical Education.
5.	Dolphin PG College	B.Sc. (Hons.) Forensic Science (Lateral Entry)	All those Candidates who have passed 3 year Diploma in any Stream. Or 2 Yrs. Diploma (after 10+2) in Forensic science or equivalent from recognized Punjab State Board of Technical Education & Industrial Training Chandigarh or such examination from any other recognized State Board of Technical Education.

Submitted for approval please.

Prepared By



Eligibility Criteria of 5 new lateral entry course.pdf

12/07/2022 9:34 AM

SUSHIL SINGLA
(CDEO(DEAN ACADEMIC OFFICE)-MRSPTU-BTD)

Note No. #2

Submitted for Approval Please.

12/07/2022 12:16 PM

SATNAM SINGH
(ASST. DEAN(ACADEMICS)-MRSPTU)

Note No. #3

Submitted for Approval Please.

12/07/2022 3:12 PM

KAWALJIT SINGH SANDHU
(ASSO DEAN(ACADEMICS)-MRSPTU)

Note No. #4

Approved as proposed

13/07/2022 1:51 PM

BUTA SINGH SIDHU
(VICE CHANCELLOR-MRSPTU-BTD)

Note No. #5

13/07/2022 2:22 PM

KAWALJIT SINGH SANDHU
(ASSO DEAN(ACADEMICS)-MRSPTU)

Note No. #6

Prepare Notification, Include in Information Brochure, add as agenda for ratification in Academic Council and close this file.

13/07/2022 2:37 PM

SATNAM SINGH
(ASST. DEAN(ACADEMICS)-MRSPTU)

Note No. #1

Attachment: Eligibility Criteria of 5 new lateral entry course.pdf

Regarding the Lateral Entry (LEET) admissions in UG level Non-Aicte courses 2022 session

2 messages

Dolphin PG College <rgm119698@gmail.com>

Wed, Feb 23, 2022 at 1:32 PM

To: "Dean Academics, MRSPTU" <daa@mrsptu.ac.in>

Cc: Director College Development Council <dir.cdc@mrsptu.ac.in>, HOD Pharmacy <hodpharmacy@mrsptu.ac.in>

To

The Dean (Academics Affairs)

Maharaja Ranjit Singh

Punjab Technical University Bathinda

No. MRSPTU/PHARM/183
Date: 28/2/2022

Sub: Regarding the Lateral Entry (LEET) admissions in UG level Non-Aicte courses

Respected Sir,

This is for your kind information that the college already admitted the students for 2021 session in UG level Non -Aicte Courses as B.Sc Anesthesia Technology, B.Sc Cardiac Care Technology, B.Sc (Hons) Forensic Science.

The details of eligibility along with relevant information from other universities related to LEET admission in the above said courses as give below.

Course Name	Duration	Eligibility
B.Sc Anesthesia Technology (LEET)	3 Yrs/ 6 Sem	All those Candidates who have passed <u>3year Diploma (after Matric) in any Trade Or 2 Yrs. Diploma (after 10+2) in Anesthesia or Operation theater technology or At & OTT or equivalent from recognized Punjab State Board of Technical Education & Industrial Training Chandigarh or such examination from any other recognized State Board of Technical Education.</u>
B.Sc Cardiac Care Technology (LEET)	3 Yrs/ 6 Sem	All those Candidates who have passed <u>3year Diploma (after Matric) in any Trade or 2 Yrs. Diploma (after 10+2) in Cardiac care /Cardiovascular technology /Radio Medical Img Technology or equivalent from recognized Punjab State Board of Technical Education & Industrial Training Chandigarh or such examination from any other recognized State Board of Technical Education.</u>
B.Sc (Hons) Forensic Science (LEET)	2 Yrs/ 4 Sem	All those Candidates who have passed <u>3year Diploma (after Matric) in any Trade or 2 Yrs. Diploma (after 10+2) in Forensic science or equivalent from recognized Punjab State Board of Technical Education & Industrial Training Chandigarh or such examination from any other recognized State Board of Technical Education.</u>

The Other universities and colleges who run these courses in LEET mode as below:

1. Rimt University Mandi Gobingarh,
- 2 Hamdard institutes of medical science & research (New Delhi)
3. CT University Jalandhar
4. Adesh University Bathinda
5. Shri Swami Rama Himalayan University, Dehradun & Many More also.

Diary No. 4767.
Date ... 24/02/2022..
Dean Academic Affairs,
MRSSTU, Bathinda

Kindly provide the permission to college for admission in these courses on-a lateral entry basis from session 2022 & onwards.

With Regards & Thanks
Dr Vinod Kumar Mittal
Chairman
Dolphin PG College
VPO Chunji Kalan
Fatehgarh Sahib Punjab

Forwarded to BOS chairperson for comments. Ph. S. 24/02/2022
Head Pharmacy
Can be allowed as per eligibility of respective course. Dm 28/2/22

for eligibility

It should be specifically mentioned the Trade/specialisation for Diploma after Matric (10th std).

It may be in the allied fields in line with the Course. ~~no if concerned~~

Also. Dean (AA)
Prepare reply.

Amr
27.07.22

V
10/5/22

Asst DAA - II

Note No. #1

Attachment: Eligibility Criteria of 5 new lateral entry course.pdf

**BG-IAS****BHAI GURDAS INSTITUTE OF ALLIED SCIENCES**

(Under the Aegis of Bhai Gurdas Technical Educational Trust, Sangrur)

Govt. of Punjab and affiliated with Maharaja Ranjit Singh Punjab Technical University, Bathinda

Ref.No. BGIAS/2022/ 181

Dated: 29th March, 2022

To

The Dean Academics
Maharaja Ranjit Singh Punjab Technical University
Bathinda

11/4/22
ACT DAA-I
Can university start lateral entry in the course 'A'. If yes kindly provide eligibility.
Chairman BOS pharmacy
23/6/22

Sub: Request for issue eligibility criteria and intimate process to admit the students through **lateral entry** of the New Courses of Bhai Gurdas Institute of Allied Sciences.

Respected Sir,

This is for your kind information that this Institute have already running New Courses i.e. New Courses B. Sc. Operation Theatre Technology, B.Sc. Radio Medical Imaging Technology, B. Sc Anesthesia Technology, B. Sc Dialysis Technology, B. Sc Cardiac Care Technology & B. Sc Respiratory care Technology, under Bhai Gurdas Institute of Allied Sciences from the academic year 2021-2022. We have already gone through the eligibility criteria available on the university website but the inormations have not been found on the University Website of the following New Courses:

1. B.Sc Cardiac Care Technology
- A 2. B.Sc Dialysis Technology
3. B. Sc Anaesthesia Technology
- A 4. B. Sc Respiratory Technology

In view of the above, may I request to your good self to forward a hard copy as well as soft copy of the abovesaid Courses eligivility criteria and intimate process to admit the students through **laterl entry** as early as possible. We shall feel highly obliged for this.

Looking forward for your kind cooperation.

No. MRSPTU/P21ARM/519 Thanking you,
Date: 23/6/2022

Diary No. 5122
Date: 23/6/2022
Dean Academic Affairs,
Maharaja Ranjit Singh Punjab Technical University,
Bathinda

Yes lateral entry to the said courses can be allowed as per the eligibility.

ADAA

23.06.22

Yours sincerely,

[Signature]
Principal



ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਤਕਨੀਕੀ ਯੂਨੀਵਰਸਿਟੀ, ਬਠਿੰਡਾ
ਡੱਬਵਾਲੀ ਰੋਡ, ਬਠਿੰਡਾ - 151001

Maharaja Ranjit Singh Punjab Technical University
DABWALI ROAD, BATHINDA-151001

[A State University Estb. by Govt. of Punjab Act No. 5(2015) u/s 2(f) & Approved u/s 12B of UGC Act, 1956]

Sub.: Regarding eligibility of Lateral Entry courses

The eligibility and the name of programme in lateral entry undergraduate level programme is as below:

Course Name	Duration	Eligibility
B.Sc. (Anesthesia Technology) (Lateral Entry)	3 Yrs / 6 Sem	All those Candidates who have passed 3 year Diploma in any Stream. Or 2 Yrs. Diploma (after 10+2) in Anesthesia or Operation theater technology or At & OTT or equivalent from recognized Punjab State Board of Technical Education & Industrial Training Chandigarh or such examination from any other recognized State Board of Technical Education.
B.Sc. (Cardiac Care Technology) (Lateral Entry)	3 Yrs / 6 Sem	All those Candidates who have passed 3 year Diploma in any Stream. Or 2 Yrs. Diploma (after 10+2) in Cardiac care / Cardiovascular technology /Radio Medical Imaging Technology or equivalent from recognized Punjab State Board of Technical Education & Industrial Training Chandigarh or such examination from any other recognized State Board of Technical Education.
B.Sc. (Hons.) Forensic Science (Lateral Entry)	2 Yrs / 4 Sem	All those Candidates who have passed 3 year Diploma in any Stream. Or 2 Yrs. Diploma (after 10+2) in Forensic science or equivalent from recognized Punjab State Board of Technical Education & Industrial Training Chandigarh or such examination from any other recognized State Board of Technical Education.
B.Sc. (Respiratory Care Technology) (Lateral Entry)	3 Yrs / 6 Sem	All those Candidates who have passed 3 year Diploma in any Stream. Or 2 Yrs. Diploma (after 10+2) in Respiratory care or equivalent from recognized Punjab State Board of Technical Education & Industrial Training Chandigarh or such examination from any other recognized State Board of Technical Education.
B.Sc. (Dialysis Technology) (Lateral Entry)	3 Yrs / 6 Sem	All those Candidates who have passed 3 year Diploma in any Stream. Or 2 Yrs. Diploma (after 10+2) in Dialysis Technology or equivalent from recognized Punjab State Board of Technical Education & Industrial Training Chandigarh or such examination from any other recognized State Board of Technical Education.


Chairperson, BoS in Pharmaceutical Sciences



ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਤਕਨੀਕੀ ਯੂਨੀਵਰਸਿਟੀ, ਬਠਿੰਡਾ

ਡੱਬਵਾਲੀ ਰੋਡ, ਬਠਿੰਡਾ - 151001,

Maharaja Ranjit Singh Punjab Technical University

DABWALI ROAD, BATHINDA-151001

[A State University Estb. by Govt. of Punjab Act No. 5(2015) u/s 2(f) & Approved u/s 12B of UGC Act, 1956]

ਐਸੋ. ਡੀਨ (ਅਕਾਦਮਿਕ ਮਾਮਲੇ)

Associate Dean (Academic Affairs)

Ref. No.: DAA/MRSPTU/Notifications/ 194

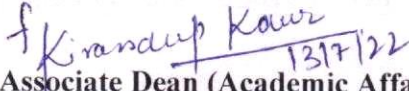
Date: 13/07/2022

NOTIFICATION

Consequent upon the approval of the competent authority vide no. File No: I-15/1019/2022-DEAN ACAD-MRSPTU-BTD dated 13.07.2022, MRSPTU has started following new lateral entry courses for the affiliated colleges from the Academic Session 2022-23:

S.No.	Course Name	Eligibility
1.	B.Sc. (Anesthesia Technology) (Lateral Entry)	All those Candidates who have passed 3 year Diploma in any Stream. Or 2 Yrs. Diploma (after 10+2) in Anesthesia or Operation Theater Technology or At & OTT or equivalent from recognized Punjab State Board of Technical Education & Industrial Training Chandigarh or such examination from any other recognized State Board of Technical Education.
2.	B.Sc. (Cardiac Care Technology) (Lateral Entry)	All those Candidates who have passed 3 year Diploma in any Stream. Or 2 Yrs. Diploma (after 10+2) in Cardiac care / Cardiovascular technology /Radio Medical Imaging Technology or equivalent from recognized Punjab State Board of Technical Education & Industrial Training Chandigarh or such examination from any other recognized State Board of Technical Education.
3.	B.Sc. (Respiratory Care Technology) (Lateral Entry)	All those Candidates who have passed 3 year Diploma in any Stream. Or 2 Yrs. Diploma (after 10+2) in Respiratory care or equivalent from recognized Punjab State Board of Technical Education & Industrial Training Chandigarh or such examination from any other recognized State Board of Technical Education.
4.	B.Sc. (Dialysis Technology) (Lateral Entry)	All those Candidates who have passed 3 year Diploma in any Stream. Or 2 Yrs. Diploma (after 10+2) in Dialysis Technology or equivalent from recognized Punjab State Board of Technical Education & Industrial Training Chandigarh or such examination from any other recognized State Board of Technical Education.

5.	B.Sc. (Hons.) Forensic Science (Lateral Entry)	<p>All those Candidates who have passed 3 year Diploma in any Stream.</p> <p style="text-align: center;">Or</p> <p>2 Yrs. Diploma (after 10+2) in Forensic science or equivalent from recognized Punjab State Board of Technical Education & Industrial Training Chandigarh or such examination from any other recognized State Board of Technical Education.</p>
----	--	---


 Associate Dean (Academic Affairs),
 MRSPTU, BATHINDA

Copy to:

1. PA to Vice Chancellor, MRSPTU, Bathinda for information to the Hon'ble Vice Chancellor please.
2. Registrar, MRSPTU, Bathinda
3. COE, MRSPTU, Bathinda
4. Chairperson Admission Cell, MRSPTU, Bathinda
5. Chairperson Information Brochure Committee, MRSPTU, Bathinda
6. Prof. I/C, Finance, MRSPTU, Bathinda
7. Prof. I/C, ITES, MRSPTU, Bathinda for uploading this on University website.
8. Directors/Principals of Affiliated colleges under MRSPTU Bathinda through E-mail

- Design - 20%
- Architecture - 25%
- Planning - 30%

In all other Programmes, ONLY under exigent conditions such as relieving/retirement of Faculty members/ delay in Faculty recruitment, Institutions may avail the services of Adjunct Faculty/ Resource Person up to a maximum of 10% of the required Faculty members as per the "Approved Intake", for a period not exceeding one Academic Session. The Institutions may appoint more number of Adjunct Faculty for the benefit of the students to get the Industrial exposure.

- b. The Second Shift shall have 50% Faculty from those working in Regular/First shift and 50% additional Faculty are to be appointed for each Second Shift Course.
- c. For every Post Graduate Course, there should be at least one Professor with Ph.D. qualification.
- d. Faculty requirement for a Course may comprise of Faculty of Science and Humanities and other interdisciplinary specialisation depending on the University Curriculum.
- e. Number of Technical and Non-Teaching Staffs depends on the Institution/ University/ concerned Government norms.
- f. Aadhaar seeding has to be provided for the Faculty.
- g. The Technical Institutions may introduce online Aadhaar linked Biometric attendance for regular Faculty members.

Disclaimer:

Annexures 6 and 7 of Approval Process Handbook provide the major domains and the corresponding possible nomenclatures under each domain which is applicable to AICTE approved Institutions. Inter disciplinary Courses are numerous and more firmly entrenched in the academy than ever. Such Courses are being offered at various Universities, IITs, NITs, IISERs, NISERs and other Institutes of National importance, other than the nomenclatures listed in Approval Process Handbook and AICTE cannot update all the existing nomenclatures. However, the recruiting authorities shall decide the equivalent Course(s) based on the curricula and syllabus, without taking approval from AICTE, depending on the needs of their Programme(s)/ Course(s).

- 6.8 The Technical Institutions shall follow **Faculty Cadre and Qualifications** as provided in the Appendix 8 of Approval Process Handbook.
- 6.9 **Admission to Lateral Entry to Second Year Course(s)**
 - a. Lateral Entry to Second Year Diploma Course(s) shall be permissible up to a maximum of 10% of the "Approved Intake" which shall be over and above, supernumerary to the "Approved Intake", plus the unfilled vacancies of the First year as specified in the Approval Process Handbook.
 - b. Lateral Entry to Second Year Degree Course(s) in Engineering and Technology/ Pharmacy/ MCA Programme shall be permissible up to a maximum of 10% of the "Approved Intake" which shall be over and above, supernumerary to the "Approved Intake", plus the unfilled vacancies of the First year as specified in the Approval Process Handbook.
 - c. The Institution applied for Closure (if the same is under process/ approved for Progressive Closure) are eligible for admission to the Lateral Entry in the current Academic Year, as Extension of Approval was issued in the previous Academic Year and students were admitted during that year.



ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਬਠਿੰਡਾ।

Sub.: Regarding Lateral Entry admissions for Non-AICTE/UGC courses.

The University has already decided to offer Lateral Entry admissions to the Non-AICTE / UGC courses as per following details;

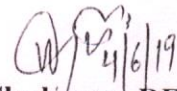
1. BCA (Lateral Entry)
2. B.Sc. Fashion Technology (Lateral Entry)
3. B.Sc. MLS (Lateral Entry)
4. B.Sc. Information Technology (Lateral Entry)
5. B.Sc. (Hons.) Agriculture (Lateral Entry)

As per previous practices, the seats for Lateral Entry admissions were allowed to be filled as 20% of approved/sanctioned intake + vacant seats of the 1st year on the pattern of Lateral Entry admissions to AICTE courses.

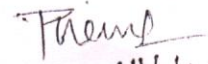
Now, as per AICTE Handbook 2019-20, the seats permitted for Lateral Entry admissions are 10% of approved/sanctioned intake + vacant seats of the 1st year.

Therefore, it is proposed that the seats for Lateral Entry admissions for Non-AICTE/UGC courses offered by University may be allowed to be filled as 10% of approved intake + vacant seats of 1st year.

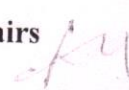
Submitted for consideration and approval please.

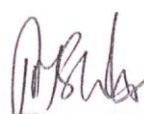

Clerk-cum-DEO

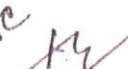
Deputy Registrar (A & R) for perusal & approval pl.

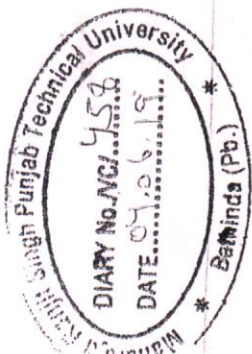

4/6/19

Dean Academic Affairs


4/6/19


Vice Chancellor

Plu in Ac 





MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Dabwali Road, Bathinda (Pb.) - 151001

(Estd. by Govt. of Punjab Vide Punjab Act No. 5 of 2015) ONLY TECHNICAL UNIVERSITY OF PUNJAB HAVING UGC APPROVAL UNDER 2(f) AND 12 B OF UGC ACT, MEMBER AIU.

Think Excellence, Live Excellence



Vision, Mission & Quality Policy



Prepared by:

INTERNAL QUALITY ASSURANCE CELL

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

(DABWALI ROAD, BATHINDA (PB.)- 151001)

VISION, MISSION & QUALITY POLICY



2021

**INTERNAL QUALITY ASSURANCE CELL
MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
BATHINDA 151001**

VISION, MISSION & QUALITY POLICY

Prepared by:

- Dr. Savina Bansal, Department of ECE, GZSCCET, MRSPTU, Bathinda
- Dr. Balwinder Singh, Department of Mechanical Engg., GZSCCET, MRSPTU, Bathinda
- All HoDs/Incharges, Teaching Departments
- Dr. Satpal Singh, Department of Mechanical Engg., GZSCCET, MRSPTU, Bathinda
- Er. Yadwinder Pal, Department of Mechanical Engg., GZSCCET, MRSPTU, Bathinda

Inputs by:

- Dr. Ashish Baldi, Director, IQAC, MRSPTU, Bathinda

All rights reserved with MRSPTU

Version 1

Year 2021

INTERNAL QUALITY ASSURANCE CELL

VISION, MISSION & QUALITY POLICY

VISION, MISSION & QUALITY POLICY

The University

Vision

To contribute towards the state, the nation and the world through advancement for attaining excellence in technical education and research, and to provide quality human resource having high professional and ethical conduct to serve the needs of the industry and society.

Mission

- To provide a conducive and inspiring environment for promoting advancement in technology and research by fostering freedom, empowerment, commitment, creativity and innovation.
- To provide competent and highly skilled professionals and entrepreneurs to meet the requirements of the industry and society for discovery and dissemination of knowledge.
- To inculcate high moral, ethical and professional values and standards amongst the students.
- To promote research and development in various fields of technical education and establishment of Centres of Excellence in collaboration with national and international institutions, industries and agencies.

Quality Policy

- To pursue comprehensive values of distinction in all our outcomes i.e. teaching, research, consultancy and continuing education.
- To attain our Vision and Mission through integrated efforts through continuous improvements to achieve quality.
- To deliver and perform our core and support functions, through consistent and committed efforts.

Core Values

In quest of its Vision and Mission, MRSPTU will:

- Develop human resources to serve the state and nation.
- Distinguish teaching and research as integrative activities.
- Foster values, integrity, creativity and academic liberty.
- Achieve excellence through continuous improvement.

Giani Zail Singh Campus College of Engineering & Technology, MRSPTU

Vision

To pursue for excellence in 'scientific and technical education' and 'research' for the benefit of mankind.

Mission

The GZSCCET MRSPTU, Bathinda is a premier education Institute of architecture, science and technology in the State of Punjab dedicated to provide efficient and competent professionals in the service to society.

Department of Electronics & Comm. Engg.

Vision

To develop competent and socially sensitized professionals adaptable to emerging technologies catering to the needs of Industry and other stakeholders in Electronics & Communication Engineering.

Mission

To achieve to Vision, the department will:

- Ensure dissemination of Knowledge through effective teaching and participative learning in ECE incorporating latest educational technologies.
- Enhance Industry-Institute, Inter/Intra-Institute linkages for sustainable development of academic, research, training and placement activities in ECE.
- Acquaint the students to adapt themselves for emerging multidisciplinary and interdisciplinary fields through collaborative activities.
- Provide value-based education & activities through involvement of students in extra-curricular, co-curricular and related activities to develop team spirit and leadership qualities.

Department of Civil Engineering

Vision

To be a leading department of the region to impart education, undertake research, and provide industrial consultancy in the realms of civil engineering profession.

Mission

- Imparting quality civil engineering education harmonious to the needs of society and Industry.
- Emphasising on extensive practical exposure aided by well-equipped laboratories leading to contemporary research and development programmes.
- Nurturing and development of professional expertise to provide technical consultancy to design and construction industry to provide solutions to their real life problems.

Department of Mechanical Engineering

Vision

To produce competent and ethical professional to cater the changing needs of the Industry, start- ups and other stakeholders in the field of Mechanical Engineering.

Mission

- To promote participative teaching- learning process using latest education techniques and flexible curriculum in the field of Mechanical Engineering.
- To boost skill development and research through industry-institute linkages, hands on activities, industrial training and projects.
- To enhance leadership qualities among students with high professional ethics through co-curricular, extra- curricular, inter/multi-disciplinary activities and curriculum.

Department of Computer Sc. & Engineering

Vision

To strive for excellence in the field of Computer Science and Engineering by providing technical education and research to produce competitive and self-disciplined professionals.

Mission

- To provide technical education and develop skills to meet the IT needs and related industries.
- To provide a favorable atmosphere for learning, research and enhancement through training and entrepreneurship professional development.
- To recognize and develop professionalism in the field of technical education and to set up MOU's in the collaboration with institutions, industries, agencies and alumni linkage for career enhancement of students.
- To inculcate the spirit of human values and professional ethics to make self disciplined engineers through various curricular and co- curricular activities for lifelong learning.

Department of Textile Engineering

Vision

To strive to become a premier department in the field of Textile Engineering by providing quality technical education to the students to serve the needs of society.

Mission

The department is committed to nurture the students with best quality technical education in textile engineering and develop research aptitude.

- To improve skill and knowledge through effective and participative teaching-learning process using latest educational techniques.
- To boost up industry-institute interaction/collaboration through MoUs, Internships and participative curriculum developments.
- To enhance students exposure in multidisciplinary & interdisciplinary domain and professional ethics through collaborative case study/project and related activities.

Department of Electrical Engineering

Vision

To provide competent and socially aware resource persons in the field of Electrical Engineering, who can adapt themselves to changing technologies.

Mission

To achieve the vision, the department will strive:

- To ensure effective teaching and learning for imparting knowledge and skills to solve technical problems in the field of Electrical Engineering by incorporating modern technologies and through Industry-Institute interactions.
- To enhance the competency of students in multi-disciplinary fields, by offering flexible choice of departmental and open elective subjects.
- For overall professional growth of students by enhancing co-curricular activities.
- To inculcate human values, professional ethics, soft skills, leadership skills etc. through co-curricular and extra-curricular activities.

Department of Workshop

Vision

Enriching hands on skill- set among Engineering and Technology students for basic and state of the art Manufacturing Practices.

Mission

- To provide knowhow and practice of hand tools, power tools, machine tools and measuring instruments to every student of Engineering and Technology.
- To impart hands- on skill- set to students to use their knowledge and innovativeness to design & customize engineering products.
- To enhance creativity & team spirits among students through collective project design & manufacturing.

Department of GZS School of Architecture & Planning

Vision

To promote sustainable global trends, regional architecture and planning, imparting knowledge through collaborative learning and research, and provide human resource empowered with high level of professional skills, integrity and ethical conduct.

Mission

- To offer a diverse curriculum with a heterogeneous mix of subjects aimed at holistic development of students by developing their problem solving abilities with multidisciplinary approaches towards built environments.
- To provide a conducive hands - on learning environment to students through participatory approach in classrooms, studios and site visits in order to produce high skill professionals.
- To collaborate with educational institutions and professional bodies in order to sensitise students towards sustainability and promote them in achieving knowledge and skill sets to meet the global demands.
- To promote healthy interaction among students from diverse backgrounds through group activities, team work, community service and to inculcate high level of professional and ethical values.

Department of University Business School

Vision

To be a leading business school in developing transformational leaders to find solution for global business and societal issues.

Mission

- Catalyse the transformative learning through promoting diversity and integrity in academic and working environment.
- Forge global collaborations with academia and industry for stimulating excellence in teaching, research, and consultancy practices among faculty and students.
- Inculcate entrepreneurial and innovation culture for nurturing sensitive leaders towards society and business.

Department of Chemistry

Vision

To establish itself as a center of learning by integrating scientific and technical knowledge with an objective of industrially employable, socially committed, rationally thoughtful individuals.

Mission

- To produce intellectually competent academicians in the area of chemical sciences.
- To engage in useful and collaborative research accounting regional, national and global concerns.
- To produce self- dependent skilled individuals fostering social responsibilities.
- To deliver fundamentals of chemistry to budding engineers.

Department of Physics

Vision

To strive for excellence in the field of Physical Sciences and to promote enthusiasm, interests and sense of reasoning through the study of Physics by innovative teaching and ethical research practices.

Mission

- To awaken the young minds and discover their talents both in theory and in practical Physics by using latest educational technologies and interactions with the students.
- To inculcate the spirit of reasoning in the students through effective evaluation mechanism.
- To inculcate the spirit of human values and professional ethics to make students self-disciplined by involving them in sports, NCC and NSS activities.
- To enhance research facilities for research in the current areas of Physics.
- To enhance soft skill and overall personality development in students through their participations in curricular/ extra-curricular activities and educational trips.

Department of Food Science and Technology

Vision

To be a centre of excellence in Food Science and Technology through academics, research and outreach services to provide skilled human resources to meet the needs of food industries and society.

Mission

- To create a conducive environment through participative teaching learning process and team work.
- To enhance students involvement in interdisciplinary research projects.
- To inculcate moral and ethical values among students.
- To boost industrial and departmental collaborations to address the concerns of food related industries.

Department of Pharmaceutical Sciences and Technology

Vision

To be an eminent Pharmacy institute by providing quality education and appropriate ambience for research to address healthcare needs of society and meet technical requisites of pharmaceutical industries.

Mission

- To develop specialized Pharmacy graduates who can face the challenges and meet demands of the profession through effective curriculum delivery as prescribed by Pharmacy Council of India.
- To ensure that students acquire optimal theoretical knowledge and practical training in various domains of the Pharmacy through curricular and co-curricular activities.
- To develop globally acclaimed research and innovation facility in Pharmacy, reflected through quality intellectual outcomes and skilled human resources.
- To inculcate professional ethics and value system needed for sustenance in the noble profession of Pharmacy.

Department of Computational Sciences

Vision

To produce technically competent, computing professionals and researchers who can adapt and contribute to the changing needs of industry and society.

Mission

- To boost students' participation in inter-disciplinary project works/activities/ team works.
- To enhance Industry- Institute linkages, global collaboration.
- To enhance awareness about societal & ethical concern.
- To boost participative teaching learning with emphasis on hands-on training /projects.
- To provide flexible, dynamic & industry compliable curriculum.

Department of Mathematics

Vision

To produce competent, socially sensitized under graduate, post graduate and doctoral level students in the field of mathematical sciences through dedicated teaching and research to serve the needs of academia and society in an ethical manner.

Mission

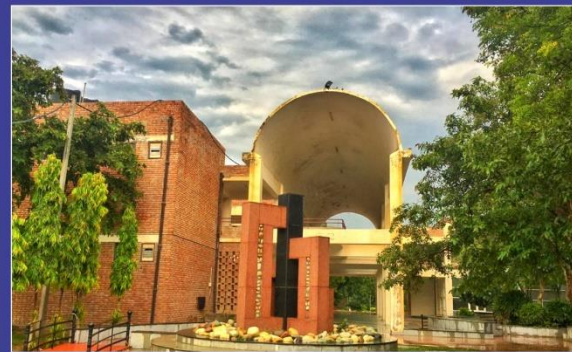
- To develop analytical and logical thinking among the students by synchronizing mathematical ideas with real time problems.
- To involve the students for taking problems related to mathematical concepts along with good soft and technical skills which are beneficial for higher education and good career.
- To encourage the faculty and students for carrying out innovative research in the field of pure and applied mathematics through collaborative approach.
- To develop professional ethics and human values among the students to contribute well in the society.



MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Dabwali Road, Bathinda (Pb.) - 151001

(Estd. by Govt. of Punjab Vide Punjab Act No. 5 of 2015) ONLY TECHNICAL UNIVERSITY OF PUNJAB HAVING UGC APPROVAL UNDER 2(f) AND 12 B OF UGC ACT, MEMBER AIU.



INTERNAL QUALITY ASSURANCE CELL
MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
(DABWALI ROAD, BATHINDA (PB.)- 151001)

ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਬਠਿੰਡਾ

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

(A State Univ. Estd. by Govt. of Punjab vide Punjab Act No. 5 of 2015 and Approved u/s 2(f) & 12 (B) of UGC; Member AIU)

Bathinda-151001 (Punjab), India

REPORT

STAKEHOLDER FEEDBACK ON CURRICULUM: SURVEY, ANALYSIS & ACTION TAKEN



MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Bathinda-151001 (Punjab), India

**STAKEHOLDER FEEDBACK ON CURRICULUM: SURVEY, ANALYSIS &
ACTION TAKEN**



2021

**INTERNAL QUALITY ASSURANCE CELL
MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
BATHINDA 151001**

STAKEHOLDER FEEDBACK ON CURRICULUM: SURVEY, ANALYSIS & ACTION TAKEN

Prepared by:

- Dr. Pritpal Singh Bhullar, UBS, MRSPTU, Bathinda
- Ms. Aishveen Kaur, UBS, MRSPTU, Bathinda
- Department Co-ordinators, IQAC

Inputs by:

- Dr. Ashish Baldi, Director, IQAC

All rights reserved with MRSPTU

***Version 1
Year 2021***

INTERNAL QUALITY ASSURANCE CELL

**STAKEHOLDER FEEDBACK ON CURRICULUM:
SURVEY, ANALYSIS & ACTION TAKEN**

**Report of Stakeholder Feedback On Curriculum:
Survey, Analysis & Action Taken and
IQAC Suggestions**

Sr. No.	Department
1	Architecture and Planning
2	Chemistry
3	Civil Engineering
4	Computational Sciences
5	Computer Science & Engineering
6	Electrical Engineering
7	Electronics & Communication Engineering
8	Food Sciences
9	Mathematics
10	Mechanical Engineering
11	Pharmaceutical Sciences and Technology
12	Physics
13	Textile Engineering
14	University Business School

A thick dark blue vertical bar is positioned on the left side of the page. From the bottom of this bar, several thin, light blue lines curve upwards and outwards, creating an abstract, grass-like or reed-like pattern.

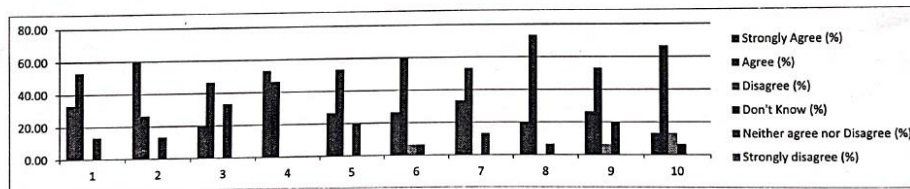
STAKEHOLDER FEEDBACK ON CURRICULUM: SURVEY, ANALYSIS & ACTION TAKEN

- 1.STUDENTS**
- 2.FACULTY**
- 3.ALMUNI**
- 4.PARENTS**
- 5.EMPLOYER**

**DEPARTMENT OF ARCHITECTURE AND
PLANNING, GZSCCET, MRSPTU**

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
DEPARTMENT OF ARCHITECTURE
Employee Feedback Performa

Questions	Number Of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know (%)	Neither agree nor Disagree (%)	Strongly disagree (%)
1 I am satisfied with the technical skills of the employee	15	33.33	53.33	0.00	13.33	0.00	0.00
2 The employee is adaptable to changing technology.	15	60.00	26.67	0.00	13.33	0.00	0.00
3 Curriculum has the scope for development of requisite skills among the students.	15	20.00	46.67	0.00	33.33	0.00	0.00
4 Current syllabus is as per the National and global standards.	15	53.33	46.67	0.00	0.00	0.00	0.00
5 Curriculum focuses on the development of a dynamic personality.	15	26.67	53.33	0.00	20.00	0.00	0.00
6 Curriculum meets needs of industry/educational set up.	15	26.67	60.00	6.67	6.67	0.00	0.00
7 Curriculum inculcates the professional ethics among the students.	15	33.33	53.33	0.00	13.33	0.00	0.00
8 Curriculum designed for the programme is up-to-date as per the latest trends of industry.	15	20.00	73.33	0.00	6.67	0.00	0.00
9 Curriculum has the scope of developing team spirit and leadership qualities among the students.	15	26.67	53.33	6.67	20.00	0.00	0
10 The Curriculum is relevant as per the industrial needs.	15	13.33	66.67	13.33	6.67	0.00	0



Analysis:

Observation of feedback analysis committee

Overall response is satisfactory towards parameters of Curriculum for Engagement of
Some Employees to opted for their awareness will be engaged for better consistency and
Satisfaction

Action taken by HOD	HOD	Faculty-1	Faculty-2
---------------------	-----	-----------	-----------

On the basis of feedback, suggestions from interactions session
was organized with prospective employers. Overall feedback
is satisfactory -


HOD.

R. Anona

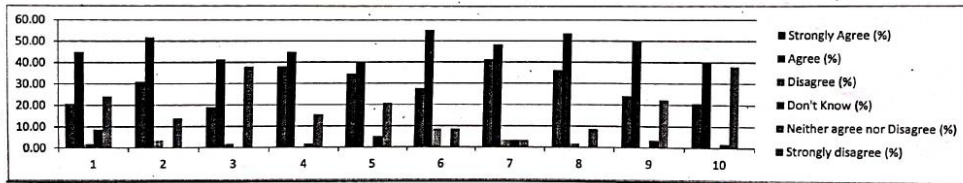
M. Anandkumar

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA

DEPARTMENT OF ARCHITECTURE

Student Feedback Performance

Questions	Number Of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know (%)	Neither agree nor Disagree (%)	Strongly disagree (%)
1 Content of Syllabi of the Courses is relevant.	58	20.69	44.83	1.72	8.62	24.14	0.00
2 Syllabus meets course outcomes	58	31.03	51.72	3.45	0.00	13.79	0.00
3 Topics are in proper sequence in the syllabus	58	18.97	41.38	1.72	0.00	37.93	0.00
4 Content included in each unit is up-to-date and balanced	58	37.93	44.83	0.00	1.72	15.52	0.00
5 Adequate no of text and reference books mentioned	58	34.48	39.66	0.00	5.17	20.69	0.00
6 Lecture (L), Tutorials (T) and Practicals (P) allotted in the course are appropriate	58	27.59	55.17	8.62	0.00	8.62	0.00
7 Curriculum helps you to prepare for relevant national level examinations (GATE/GPAT/NET etc.)	58	41.38	48.28	3.45	3.45	3.45	0.00
8 Curriculum provides you the opportunity for improving your thinking ability and innovativeness	58	36.21	53.45	1.72	0.00	8.62	0.00
9 Curriculum provides you the opportunity for improving your employment skills	58	24.14	50.00	0.00	3.45	22.41	0.00
10 Syllabus prompts to explore more in the subject area.	58	20.69	39.66	0.00	1.72	37.93	0.00



Analysis:


Observation of feedback analysis committee

- It is observed that majority of students have shown their satisfaction towards all the parameters of syllabus.
- Considering the minor dissatisfaction towards the allocation of L-T-P discussion will hold with the students for their viewpoints.

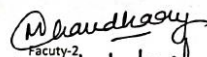
1. J. Drona

2. @Aardhuay

Action taken by HOD


On the basis of feedback, detailed deliberations were held with the students of all batches & their doubts regarding the same were cleared upto their satisfaction level.

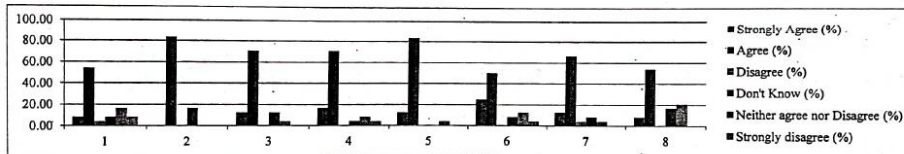

Faculty-1


Faculty-2



MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
DEPARTMENT OF ARCHITECTURE
Parents Feedback Performa

Questions	Number Of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know (%)	Neither Agree Nor Disagree (%)	Strongly Disagree (%)
1 Extent of curriculum according to course duration is sufficient.	24	8.33	54.17	4.17	8.33	16.67	8.33
2 Lecture (L), tutorials (T) and practicals (P) allotted in the course are adequate	24	0.00	83.33	0.00	16.67	0.00	0.00
3 There is a balance between theory and practical in the curriculum.	24	12.50	70.83	0.00	12.50	4.17	0.00
4 The books prescribed/listed as reference materials are relevant, updated, appropriate and adequate.	24	16.67	70.83	0.00	4.17	8.33	4.17
5 Curriculum provides opportunity for improving thinking skills.	24	12.50	83.33	0.00	0.00	4.17	0.00
6 Curriculum provides focus on skill development /employability/ entrepreneurship.	24	25.00	50.00	0.00	8.33	12.50	4.17
7 Curriculum helps to prepare for national level examination.	24	12.50	66.67	4.17	8.33	4.17	0.00
8 Curriculum focuses to develop ability to compete at National/International levels.	24	8.33	54.17	0.00	16.67	20.83	0.00



Analysis:

Observation of feedback analysis committee

It is observed that majority of parents have shown their satisfaction. But a smaller section of parents who had opted for neither agree nor disagree, an awareness session to be planned.

Action taken by HOD

Majority of parents have shown their satisfaction regarding the above parameters. However, some suggestions have been incorporated in the curriculum to make it more relevant.

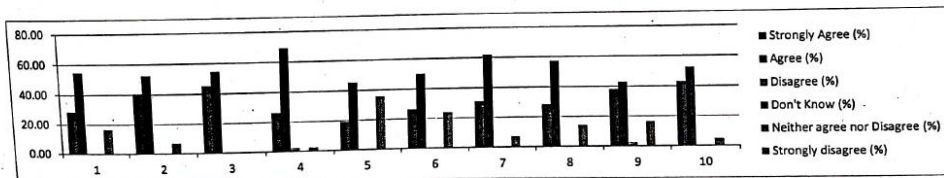
[Signature]

[Signature]
Faculty 1

[Signature]
Faculty 2

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
DEPARTMENT OF ARCHITECTURE
Alumni Feedback Performance

Questions	Number Of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know (%)	Neither agree nor Disagree (%)	Strongly disagree (%)
1 Curriculum of the programme was explicit and well defined.	42	28.57	54.76	0.00	0.00	16.67	0.00
2 Curriculum was relevant and helpful for your career.	42	40.48	52.38	0.00	0.00	7.14	0.00
3 An adequate and up-to-date references for study materials were available in the syllabus.	42	45.24	54.76	0.00	0.00	0.00	0.00
4 Lecture (L), tutorials (T) and practicals (P) allotted in the course were adequate	42	26.19	69.05	2.38	0.00	2.38	0.00
5 I feel satisfied with the curriculum.	42	19.05	45.24	0.00	0.00	35.71	0.00
6 Theory and practicals were well balanced in the curriculum.	42	26.19	50.00	0.00	0.00	23.81	0.00
7 Content helped you to develop basic understanding needed to apply in available career option.	42	30.95	61.90	0.00	0.00	7.14	0.00
8 Curriculum provided you the opportunity for improving your thinking skills, technical skills, employment/ entrepreneurship skills.	42	28.57	57.14	0.00	0.00	14.29	0.00
9 Curriculum helped you to prepare for National level examinations like UGC-NET/GATE/GPAT etc.	42	38.10	42.86	2.38	0.00	16.67	0.00
10 Curriculum focuses to develop your ability to compete at Corporate/National/International levels	42	42.86	52.38	0.00	0.00	4.76	0.00



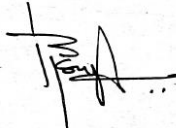
Analysis:

Observation of feedback analysis committee

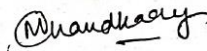
~~It is observed that there is majority of Alumni, who have shown their satisfaction for the parameters of syllabus. Considering small section in order to be performed, an interactive session to be planned.~~

Action taken by HOD

~~on the basis of feedback by Alumni, an interactive session has been planned to show their views & concerns for better understanding of selective parameters.~~


HOD

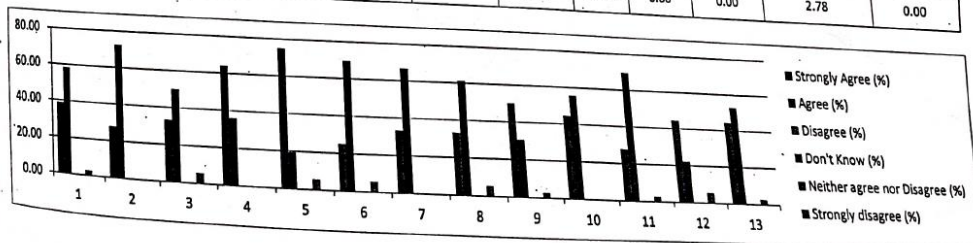




MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
DEPARTMENT OF ARCHITECTURE

Faculty Feedback Performance

Questions	Number Of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know (%)	Neither agree nor Disagree (%)	Strongly disagree (%)
1 Content of the syllabus is in line with the program educational objectives	36	38.89	58.33	0.00	0.00	2.78	0.00
2 Syllabus is in line with the Course objectives and course outcomes	36	27.78	72.22	0.00	0.00	0.00	0.00
3 Syllabus has good balance between theory and practical applications.	36	33.33	50.00	0.00	0.00	5.56	0.00
4 Course content stimulate my interest and engagement in the subject area.	36	63.89	36.11	0.00	0.00	0.00	0.00
5 Contents of the syllabus are properly arranged as per Bloom's Taxonomy.	36	75.00	19.44	0.00	0.00	5.56	0.00
6 Syllabus motivate students for further research and project related activities.	36	25.00	69.44	0.00	0.00	5.56	0.00
7 Contents of the course are in conformity with the learning outcomes	36	33.33	66.67	0.00	0.00	0.00	0.00
8 Contents of the syllabus are in tune with the UGCNET/CSIR/GPAT/GATE examinations.	36	33.33	61.11	0.00	0.00	5.56	0.00
9 Syllabus motivates students for self-learning.	36	50.00	30.56	0.00	0.00	2.78	0.00
10 Contact hours proposed in the curriculum matches the contents.	36	44.44	55.56	0.00	0.00	0.00	0.00
11 Learning outcomes of the syllabus are in line with various accreditation body requirements.	36	27.78	69.44	0.00	0.00	2.78	0.00
12 Curriculum has potential for skill development/employment/entrepreneurship.	36	44.44	22.22	0.00	0.00	5.56	0.00
13 Opinion of the faculty members are taken in to account during syllabus revision.	36	44.44	52.78	0.00	0.00	2.78	0.00



Analysis:
Observation of feedback analysis committee

All of the faculty have given their satisfactory replies.


Action taken by HOD:

^{HOD} ^{Faculty-1} ^{Faculty-2}
concerns/suggestions regarding absence have been discussed in
the faculty meetings held time to time and incorporated.


(HOD)





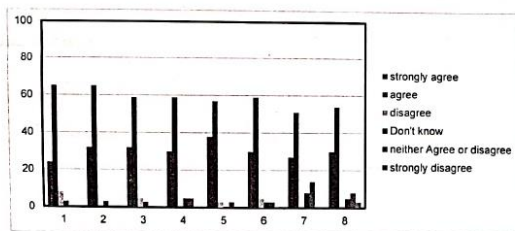
A thick dark blue vertical bar is positioned on the left side of the page. In the bottom-left corner, there are several thin, light blue curved lines that sweep upwards and to the right, creating an abstract, organic shape.

STAKEHOLDER FEEDBACK ON CURRICULUM: SURVEY, ANALYSIS & ACTION TAKEN

- 1. STUDENTS**
- 2. FACULTY**
- 3. ALMUNI**
- 4. PARENTS**
- 5. EMPLOYER**

DEPARTMENT OF CHEMISTRY, MRSPTU

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA							
Department of Chemistry							
Parents feedback Performa							
	Number of Responses	strongly agree	agree	disagree	Don't know	neither Agree or disagree	strongly disagree
Extent of curriculum according to course duration is sufficient.	37	24	65	8	3	0	0
Lecture (L), tutorials (T) and practicals (P) allotted in the course are adequate.	37	32	65	0	3	0	0
There is a balance between theory and practical in the curriculum.	37	32	59	5	3	0	0
The books prescribed/listed as reference materials are relevant, updated, appropriate and adequate.	37	30	59	0	5	5	0
Curriculum provides opportunity for improving thinking skills.	37	38	57	3	0	3	0
Curriculum provides focus on skill development (employability/ entrepreneurship).	37	30	59	5	3	3	0
Curriculum helps to prepare for national level examination.	37	27	51	0	8	14	0
Curriculum focuses to develop ability to compete at National/International levels.	37	30	54	0	5	8	3



Analysis:
 Observation of feedback analysis committee: Majority parent feedback was satisfactory. A small %age (3-8%) raised some concern regarding syllabus balance & focus on employability/entrepreneurship.

Action Taken by HOD
 The syllabus has been revised to address these issues in 2020. Future syllabus revisions will also be done to cater these issues more effectively and will be proposed in BOS.

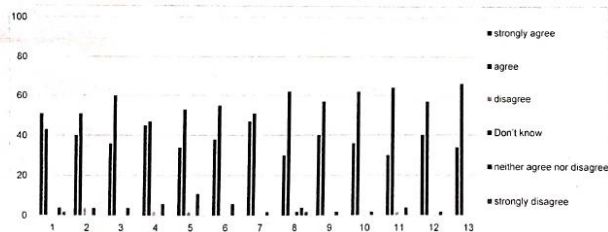
HOD

[Signature]

[Signature]
 Faculty 1

[Signature]
 Faculty 2

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA							
Department of Chemistry							
Faculty feedback Performa							
	total responses	strongly agree	agree	disagree	Don't know	neither agree nor disagree	strongly disagree
Content of the syllabus is in line with the program educational objectives.	47	51	43	0	0	4	2
Syllabus is in line with the Course objectives and course outcomes.	47	40	51	4	0	4	0
Syllabus has good balance between theory and practical applications.	47	36	60	0	0	4	0
Course content stimulate my interest and engagement in the subject area.	47	45	47	2	0	6	0
Contents of the syllabus are properly arranged as per Bloom's Taxonomy.	47	34	53	2	0	11	0
Syllabus motivate students for further research and project related activities.	47	38	55	0	0	6	0
Contents of the course are in conformity with the learning outcomes.	47	47	51	0	0	2	0
Contents of the syllabus are in tune with the UGCNET/CSIR/GPAT/GATE examinations.	47	30	62	0	2	4	2
Syllabus motivates students for self-learning	47	40	57	0	0	2	0
Contact hours proposed in the curriculum matches the contents.	47	36	62	0	0	2	0
Learning outcomes of the syllabus are in line with various accreditation body requirements.	47	30	64	2	0	4	0
Curriculum has potential for skill development/employment/entrepreneurship.	47	40	57	0	0	2	0
Opinion of the faculty members are taken in to account during syllabus revision.	47	34	66	0	0	0	0



Analysis:
 Observation of feedback analysis committee Overall faculty feedback was satisfactory. However, a small number (2-4%) raise their concern under/strongly disagree for content of syllabus in line with PEO and in tune with competitive exams. (2) disagree category for 2 points (2, 4, 5, 11).

Action Taken by HOD

For M.Sc, the curriculum was revised in 2020. Thereafter, these revision will address the concerns raised by some of the faculty members

HOD

[Signature]

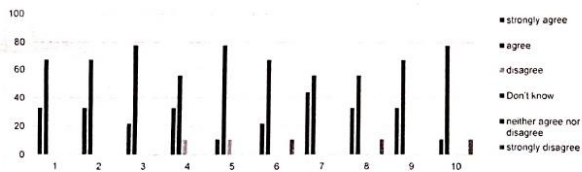
Faculty 1

[Signature]

Faculty 2

[Signature]

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA							
Department of Chemistry							
Employer Feedback Performa							
	total responses	strongly agree	agree	disagree	Don't know	neither agree nor disagree	strongly disagree
I am satisfied with the technical skills of the employee	9	33	67	0	0	0	0
The employee is adaptable to changing technology	9	33	67	0	0	0	0
Curriculum has the scope for development of requisite skills among the students.	9	22	78	0	0	0	0
Current syllabus is as per the National and global standards.	9	33	56	11	0	0	0
Curriculum focuses on the development of a dynamic personality	9	11	78	11	0	0	0
Curriculum meets needs of industry/educational set up.	9	22	67	0	0	0	11
Curriculum inculcates the professional ethics among the students	9	44	56	0	0	0	0
Curriculum designed for the programme is up-to-date as per the latest trends of industry.	9	33	56	0	0	0	11
Curriculum has the scope of developing team spirit and leadership qualities among the students.	9	33	67	0	0	0	0
The Curriculum is relevant as per the industrial needs.	9	11	78	0	0	0	11



Analysis:
 Observation of feedback analysis committee
 Only 8% percent of total responses falls in the category of disagree & strongly disagree about curriculum for (1) development of dynamic personality (2) national & global international standards (3) To set of new industry (4) latest trends in industry (5) relevancy of curriculum

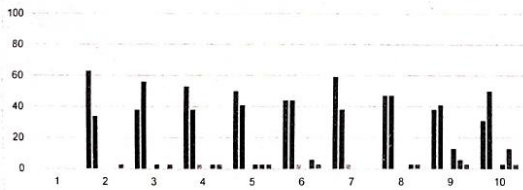
Action Taken by HOD
 Recently many industry oriented courses has been introduced in its curriculum and this will be continued in future also

HOD
[Signature]

Faculty 1
[Signature]

Faculty 2
[Signature]

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA						
Department of Chemistry						
Alumni Feedback Performance						
Curriculum was relevant and helpful for your career.	32	63	34	0	0	3
An adequate and up-to-date references for study materials were available in the syllabus.	32	38	56	0	3	3
Lecture (L), tutorials (T) and practicals (P) allotted in the course were adequate.	32	53	38	3	0	3
I feel satisfied with the curriculum.	32	50	41	0	3	3
Theory and practicals were well balanced in the curriculum.	32	44	44	3	0	3
Content helped you to develop basic understanding needed to apply in available career option.	32	59	38	3	0	0
Curriculum provided you the opportunity for improving your thinking skills, technical skills, employment/ entrepreneurship skills.	32	47	47	0	0	3
Curriculum helped you to prepare for National level examinations like UGC-NET/GATE/GPAT etc.	32	38	41	0	13	3
Curriculum focuses to develop your ability to compete at Corporate/National/International levels.	32	31	50	0	3	3



Analysis:

Observation of feedback analysis committee

Overall alumni feedback was satisfactory as most of the received response came in strongly agree and agree category. Only 3% comes in strongly disagree category. Disagree option was selected by another 3% alumni and that too in few categories (3, 5, 6 point).

Action Taken by HOD

To balance the curriculum in all perspectives and make it more relevant, syllabus was revised in 2020 for M.Sc. and will be further improved.

HOD

[Signature]

Faculty 1

[Signature]

Faculty 2

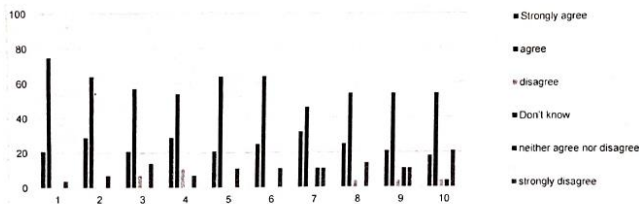
[Signature]

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA

Department of Chemistry

Student Feedback Performance

	Total responses	Strongly agree	agree	disagree	Don't know	neither agree nor disagree	strongly disagree
Content of Syllabi of the Courses is relevant.	28	21	75	0	0	4	0
Syllabus meets course outcomes	28	29	64	0	0	7	0
Topics are in proper sequence in the syllabus	28	21	57	7	0	14	0
Content included in each unit is up-to-date and balanced	28	29	54	11	0	7	0
Adequate no of text and reference books mentioned	28	21	64	0	0	11	0
Lecture (L), Tutorials (T) and Practicals (P) allotted in the course are appropriate	28	25	64	0	0	11	0
Curriculum helps you to prepare for relevant national level examinations (GATE/GPAT/NET etc.)	28	32	46	0	11	11	0
Curriculum provides you the opportunity for improving your thinking ability and innovativeness	28	25	54	4	0	14	0
Curriculum provides you the opportunity for improving your employment skills	28	21	54	4	11	11	0
Syllabus prompts to explore more in the subject area.	28	18	54	4	4	21	0



Analysis:

Observation of feedback analysis committee The % of students which are in disagreement with certain aspects of curriculum is as follows: (1) 7% w.r.t. proper sequence of content in syllabus. (2) 11% w.r.t. content (3) 4% w.r.t. employability skills, improvement in thinking ability & innovative skill.

Action Taken by HOD

The syllabus revision will be proposed in the next BOS meeting and the concerns raised by students will be addressed.

HOD

(Signature)

(Signature)
Faculty 1

(Signature)
Faculty 2



STAKEHOLDER FEEDBACK ON CURRICULUM: SURVEY, ANALYSIS & ACTION TAKEN

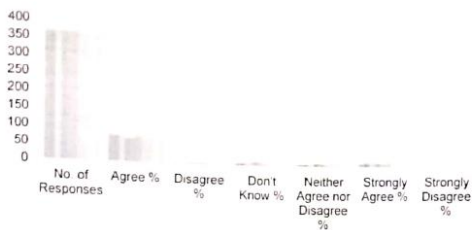
- 1.STUDENTS**
- 2.FACULTY**
- 3.ALMUNI**
- 4.PARENTS**
- 5.EMPLOYER**

**DEPARTMENT OF CIVIL ENGINEERING,
GZSCCET, MRSPTU**

RAJIV GANDHI PUNJAB TECHNICAL UNIVERSITY, BATHINDA
GIANI ZAIL SINGH CAMPUS COLLEGE OF ENGINEERING & TECHNOLOGY, MRSPTU, BATHINDA
Department of Civil Engineering
Students feedback

Questions	No. of Responses	Agree %	Disagree %	Don't Know %	Neither Agree nor Disagree %	Strongly Agree %	Strongly Disagree %
Content of Syllabi of the Courses is relevant.	368	77.44565	2.17391	5.97826	5.43478	8.69565	0.27174
Syllabus meets course outcomes	368	75.00000	1.63043	5.97826	5.70652	10.86957	0.81522
Topics are in proper sequence in the syllabus	368	74.72826	1.90217	7.06522	6.25000	9.78261	0.27174
Content included in each unit is up-to-date and balanced	368	68.20652	2.98913	11.14130	8.15217	9.23913	0.27174
Adequate no of text and reference books mentioned	368	68.47826	2.44565	9.78261	8.96739	8.69565	1.63043
Lecture (L), Tutorials (T) and Practicals (P) allotted in the course are appropriate	368	74.18478	3.80435	5.70652	3.53261	11.14130	1.63043
Curriculum helps you to prepare for relevant national level examinations (GATE/GPAT/NET etc.)	368	64.67391	5.43478	7.60870	13.58696	4.89130	3.80435
Curriculum provides you the opportunity for improving your thinking ability and innovativeness	368	74.18478	3.80435	6.25000	7.88043	7.88043	0.00000
Curriculum provides you the opportunity for improving your employment skills	368	75.00000	2.17391	7.88043	7.06522	7.33696	0.54348
Syllabus prompts to explore more in the subject area.	368	71.19565	1.35870	9.23913	10.59783	6.79348	0.81522





- Content of Syllabi of the Courses is relevant
- Syllabus meets course outcomes
- Topics are in proper sequence in the syllabus
- Content included in each unit is up-to-date and balanced
- Adequate no of text and reference books mentioned
- Lecture (L), Tutorials (T) and Practicals (P) allotted in the course are appropriate
- Curriculum helps you to prepare for relevant national level examinations (GATE/GPAT/NET etc.)
- Curriculum provides you the opportunity for improving your thinking ability and innovativeness
- Curriculum provides you the opportunity for improving your employment skills

Discussion on feedback entries/committee

The committee has analyzed the feedback entries and has decided to take the following actions: ...

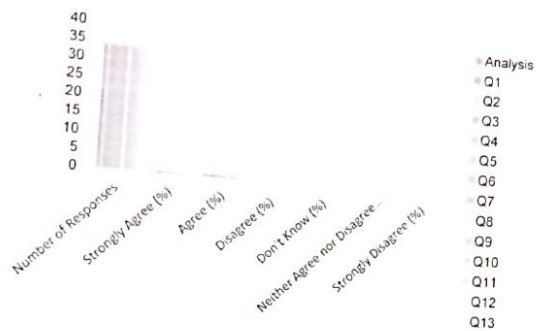
Action taken by HOD

Deptt has tried to include the latest development in the curriculum. In BoS members from the industries has been invited to give inputs regarding the needs of the industries.

MAHARAJARANJITSINGHPUNJABTECHNICALUNIVERSITY,BATHINDA
 GIANI ZAIL SINGH CAMPUS COLLEGE OF ENGINEERING & TECHNOLOGY, BATHINDA
 Department of Civil Engineering
 Faculty Feedback

Question No	Questions	Number of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know (%)	Neither Agree nor Disagree (%)	Strongly Disagree (%)
1	Content of the syllabus is in line with the program educational objectives	34	35%	65%	0%	0%	0%	0%
2	Syllabus is in line with the Course objectives and course outcomes	34	32%	65%	0%	3%	0%	0%
3	Syllabus has good balance between theory and practical applications	34	41%	56%	0%	1%	3%	0%
4	Course content stimulate my interest and engagement in the subject area	34	41%	59%	0%	0%	0%	0%
5	Contents of the syllabus are properly arranged as per Bloom's Taxonomy	34	18%	76%	0%	6%	0%	0%
6	Syllabus motivate students for further research and project related activities	34	41%	59%	0%	0%	0%	0%
7	Contents of the course are in conformity with the learning outcomes	34	38%	59%	0%	3%	0%	0%
8	Contents of the syllabus are in tune with the UGCNET/CSIR/GPAT/GATE examinations	34	50%	47%	0%	0%	3%	0%
9	Syllabus motivates students for self-learning	34	32%	65%	0%	0%	3%	0%
10	Contact hours proposed in the curriculum matches the contents	34	32%	65%	3%	0%	0%	0%
11	Learning outcomes of the syllabus are in line with various accreditation body requirements	34	26%	47%	0%	26%	0%	0%
12	Curriculum has potential for skill development/employment/entrepreneurship	34	47%	50%	3%	0%	0%	0%
13	Opinion of the faculty members are taken in to account during syllabus revision.	34	38%	53%	0%	6%	3%	0%

R



Analysis:
 Observation of feedback analysis committee

Almost whole of faculty agrees or strongly agrees that syllabus/content is in line with Program educational objectives, Course outcomes and is in tune with GATE examination. Curriculum has potential for skill development and motivates students for further research activities. However, some attention is needed towards arrangement of syllabus as per Bloom's taxonomy.

[Signature]
 HOD

Faculty1

Faculty 1

Action Taken by HOD

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
GIANI ZAIL SINGH CAMPUS COLLEGE OF ENGINEERING & TECHNOLOGY, MRSPTU, BATHINDA
Department of Civil Engineering

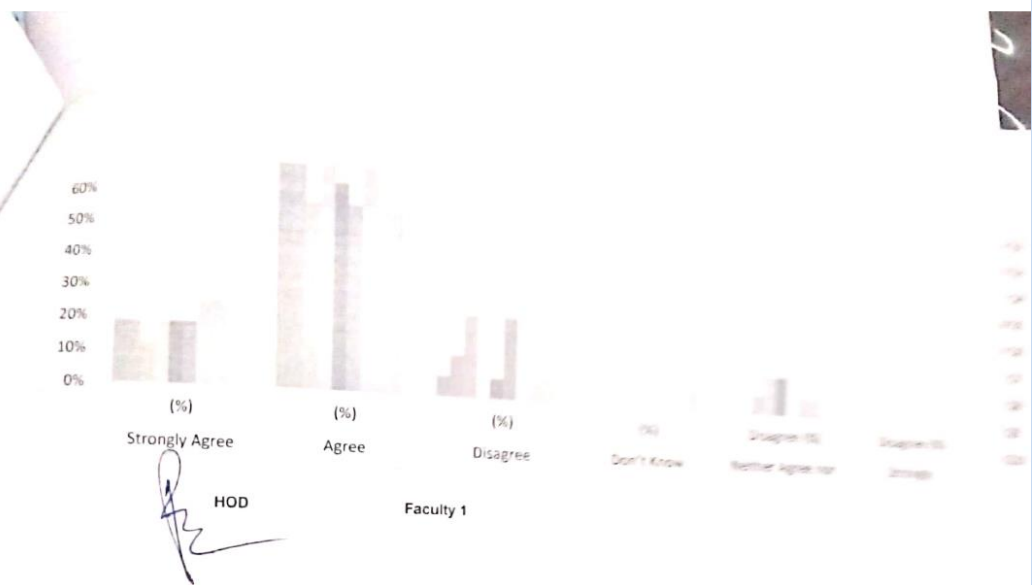
Alumni Feedback Performance

Questions No.	Questions	Number of	Strongly Agree	Agree	Disagree	Don't Know	Neither Agree nor	Strongly
		Responses	(%)	(%)	(%)	(%)	Disagree (%)	Disagree (%)
1	Curriculum of the programme was explicit and well defined	16	19%	75%	6%	0%	0%	0%
2	Curriculum was relevant and helpful for your career	16	19%	69%	13%	0%	0%	0%
3	An adequate and up-to-date references for study materials were available in the syllabus	16	13%	56%	25%	0%	6%	0%
4	Lecture (L), tutorials (T) and practicals (P) allotted in the course were adequate	16	19%	69%	0%	0%	13%	0%
5	I feel satisfied with the curriculum	16	19%	63%	6%	0%	13%	0%
6	Theory and practicals were well balanced in the curriculum	16	19%	56%	25%	0%	0%	0%
7	Content helped you to develop basic understanding needed to apply in available career option	16	25%	69%	0%	0%	6%	0%
8	Curriculum provided you the opportunity for improving your thinking skills, technical skills, employment/ entrepreneurship skills	16	25%	63%	6%	0%	6%	0%
9	Curriculum helped you to prepare for National level examinations like UGC-NET/GATE/GPAT etc	16	19%	56%	13%	6%	0%	0%
10	Curriculum focuses to develop your ability to compete at Corporate/National/International levels	16	19%	50%	19%	13%	0%	0%

80%

70%

Q1



[Handwritten Signature]
HOD

Faculty 1

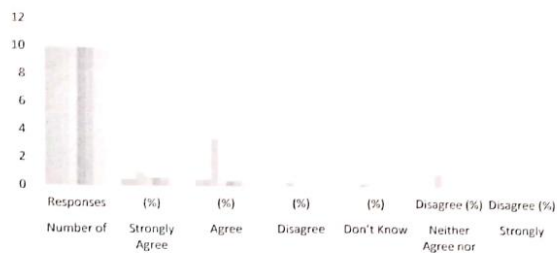
Action taken by HOD

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
GIANI ZAIL SINGH CAMPUS COLLEGE OF ENGINEERING & TECHNOLOGY, MRSPTU, BATHINDA
Department of Civil Engineering

Parents Feedback Performa

Questions no.	Questions	Number of	Strongly Agree	Agree	Disagree	Don't Know	Neither Agree nor	Strongly
		Responses	(%)	(%)	(%)	(%)	Disagree (%)	Disagree (%)
1	Extent of curriculum according to course duration is sufficient	10	50%	50%	0%	0%	0%	0%
2	Lecture (L), tutorials (T) and practicals (P) allotted in the course are adequate	10	50%	50%	0%	0%	0%	0%
3	There is a balance between theory and practical in the curriculum	10	100%	350%	30%	20%	90%	10%
4	The books prescribed/listed as reference materials are relevant, updated, appropriate and adequate	10	70%	20%	10%	0%	0%	0%
5	Curriculum provides opportunity for improving thinking skills	10	60%	40%	0%	0%	0%	0%
6	Curriculum provides focus on skill development /employability/entrepreneurship	10	60%	40%	0%	0%	0%	0%
7	Curriculum helps to prepare for national level examination	10	60%	20%	0%	10%	10%	0%
8	Curriculum focuses to develop ability to compete at National/International levels	10	40%	40%	0%	10%	10%	0%





- Extent of curriculum according to course duration is sufficient
- Lecture (L), tutorials (T) and practicals (P) allotted in the course are adequate
- There is a balance between theory and practical in the curriculum
- The books prescribed/listed as reference materials are relevant, updated, appropriate and adequate
- Curriculum provides opportunity for improving thinking skills:
- Curriculum provides focus on skill development /employability/entrepreneurship
- Curriculum helps to prepare for national level examination
- Curriculum focuses to develop ability to compete at National/International levels.

Observation of feedback analysis committee

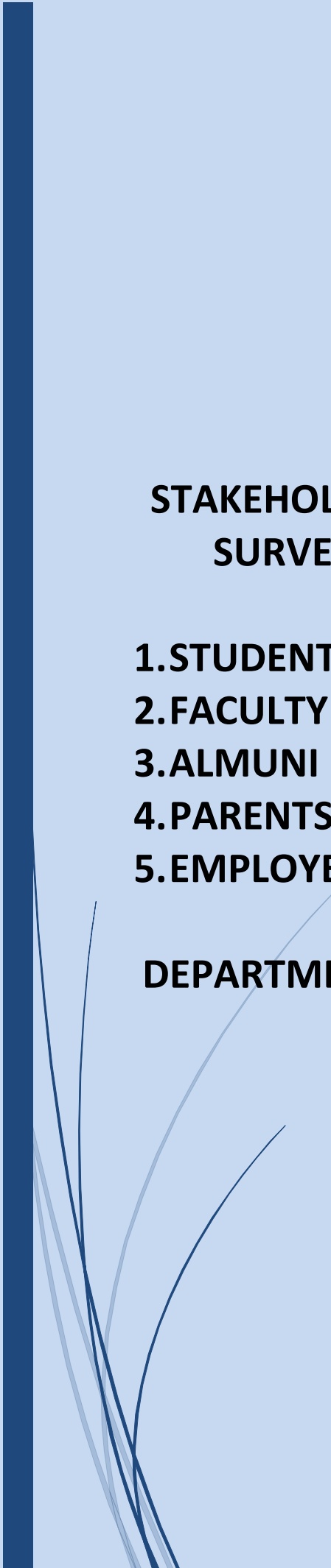
Extent of curriculum according to course duration is sufficient. The distribution of the course in regard to (L T P) is adequate. It been observed that as far as opportunity for improving thinking skills and employability is concerned more emphasis is required. Mock test and other personality development programmes need to be conducted by concerned department of the univ.

[Signature]
HOD

Faculty 1

Action taken by HOD

Deptt has tried to include the latest development in the curriculum. In BoS members from the industries has been invited to give inputs regarding the needs of the industries.



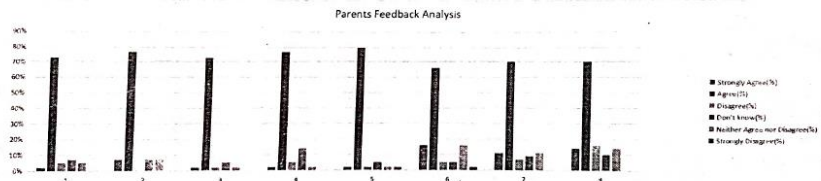
STAKEHOLDER FEEDBACK ON CURRICULUM: SURVEY, ANALYSIS & ACTION TAKEN

- 1.STUDENTS**
- 2.FACULTY**
- 3.ALMUNI**
- 4.PARENTS**
- 5.EMPLOYER**

**DEPARTMENT OF COMPUTATIONAL SCIENCES,
MRSPTU**

Maharaja Ranjit Singh Punjab Technical University, Bathinda
Department of Computational Sciences
Parents Feedback Performa

Question	Number of Responses	Strongly Agree(%)	Agree(%)	Disagree(%)	Don't know(%)	Neither Agree nor Disagree(%)	Strongly Disagree(%)
Extent of curriculum according to course duration is sufficient	44	2%	73%	5%	7%	5%	0%
Lecture (L), tutorials (T) and practicals (P) allotted in the course are adequate.	44	7%	77%	8%	7%	7%	0%
There is a balance between theory and practical in the curriculum.	44	2%	73%	2%	5%	2%	0%
The books prescribed/ listed as reference materials are relevant, updated, appropriate and adequate.	44	2%	77%	3%	14%	2%	0%
Curriculum provides opportunity for improving thinking skills.	44	2%	80%	2%	5%	2%	2%
Curriculum provides focus on skill development/ employability/ entrepreneurship.	44	16%	66%	3%	5%	16%	2%
Curriculum helps to prepare for national level examination.	44	11%	70%	7%	9%	11%	0%
Curriculum focuses to develop ability to compete at National/International levels.	44	14%	70%	16%	10%	14%	0%



Analysis:
Observation of feedback analysis committee

[Signature]
HOD

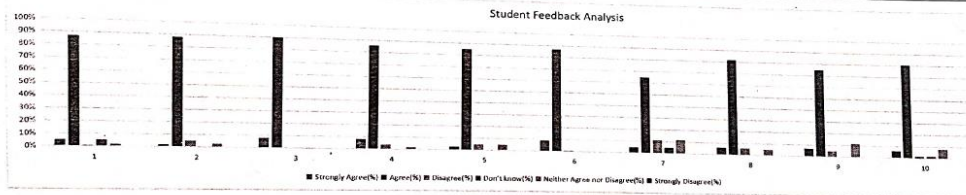
Faculty 1

Faculty 2

Action taken by HOD

Maharaja Ranjit Singh Punjab Technical University, Bathinda
 Department of Computational Sciences
 Students Feedback Performance

Question	Number of Responses	Strongly Agree(%)	Agree(%)	Disagree(%)	Don't know(%)	Neither Agree nor Disagree(%)	Strongly Disagree(%)
Content of Syllabi of the Courses is relevant.	107	5%	87%	1%	5%	0%	0%
Syllabus meets course outcomes	107	2%	88%	5%	0%	2%	0%
Topics are in proper sequence in the syllabus	107	8%	90%	0%	0%	3%	0%
Content included in each unit is up-to-date and balanced	107	8%	86%	4%	0%	0%	0%
Adequate no of text and reference books mentioned	107	3%	85%	5%	0%	2%	0%
Lecture (L), Tutorials (T) and Practicals (P) allotted in the course are appropriate	107	9%	87%	1%	0%	5%	0%
Curriculum helps you to prepare for relevant national level examinations (GATE/GPAT/NET etc.)	107	5%	65%	11%	5%	12%	0%
Curriculum provides you the opportunity for improving your thinking ability and innovativeness	107	6%	82%	6%	0%	5%	0%
Curriculum provides you the opportunity for improving your employment skills	107	7%	75%	5%	0%	12%	0%
Syllabus prompts to explore more in the subject area.	107	6%	81%	2%	2%	8%	0%



Analysis:

Observation of feedback analysis committee

[Signature]
 HOD

Faculty 1

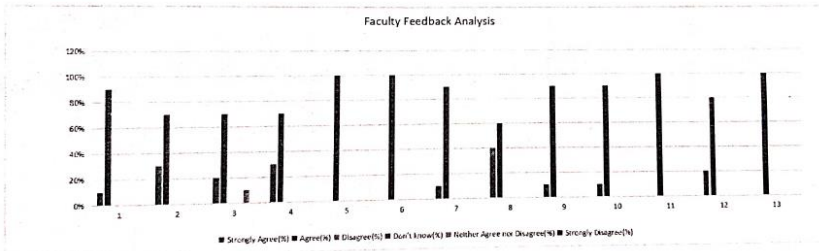
Faculty 2

Action taken by HOD

Maharaja Ranjit Singh Punjab Technical University, Bathinda
Department of Computational Sciences
Faculty Feedback Performance

Question	Number of Responses	Strongly Agree(%)	Agree(%)	Disagree(%)	Don't know(%)	Neither Agree nor Disagree(%)	Strongly Disagree(%)
Content of the syllabus is in line with the program educational objectives.	10	10%	90%	0%	0%	0%	0%
Syllabus is in line with the Course objectives and course outcomes.	10	30%	70%	0%	0%	0%	0%
Syllabus has good balance between theory and practical applications.	10	20%	70%	0%	0%	10%	0%
Course content stimulate my interest and engagement in the subject area.	10	30%	70%	0%	0%	0%	0%
Contents of the syllabus are properly arranged as per Bloom's Taxonomy.	10	0%	100%	0%	0%	0%	0%
Syllabus motivate students for further research and project related activities.	10	0%	100%	0%	0%	0%	0%
Contents of the course are in conformity with the learning outcomes.	10	10%	90%	0%	0%	0%	0%
Contents of the syllabus are in tune with the UGCNET/CSIR/GPAT/GATE examinations.	10	40%	60%	0%	0%	0%	0%
Syllabus motivates students for self-learning.	10	10%	90%	0%	0%	0%	0%
Contact hours proposed in the curriculum matches the contents.	10	10%	90%	0%	0%	0%	0%
Learning outcomes of the syllabus are in line with various accreditation body requirements.	10	0%	100%	0%	0%	0%	0%
Curriculum has potential for skill development/employment/entrepreneurship.	10	20%	80%	0%	0%	0%	0%
Opinion of the faculty members are taken in to account during syllabus revision	10	0%	100%	0%	0%	0%	0%

Faculty Feedback Analysis



Analysis:
Observation of feedback analysis committee

[Signature]
HOD

Faculty 1

Faculty 2

Action taken by HOD

Maharaja Ranjit Singh
Punjab Technical University
Badal Road, Bathinda-151001, Punjab (INDIA)
Department of Computational Sciences
(Established by Govt. of Punjab vide Punjab Act No. 5 of 2)



ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ
ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ
ਬਾਦਲ ਰੋਡ, ਬਠਿੰਡਾ 151001) ਪੰਜਾਬ (ਭਾਰਤ)
ਕੰਪਿਊਟੇਸ਼ਨਲ ਸਾਇੰਸ ਵਿਭਾਗ

Dated: _____

Ref. No: MRSPTU/CS./21/: _____

Minutes of meeting

Meeting was held in the office of head, Department of computational Sciences on 09-04-2020 at 10 a.m.
The following members were present :

1. Prof. Sanjay Bhatnagar, Head, Department of Computational Sciences, MRSPTU, Bathinda
2. Dr Munish Kumar, Assistant Professor, Department of Computational Sciences .
3. Dr Amitoj Singh, Assistant Professor, Department of Computational Sciences.


The Feedback as received from students are discussed as follows:

1. A few students felt that they are not aware of utility of their syllabus.
2. Co-curricular activities should be increased .

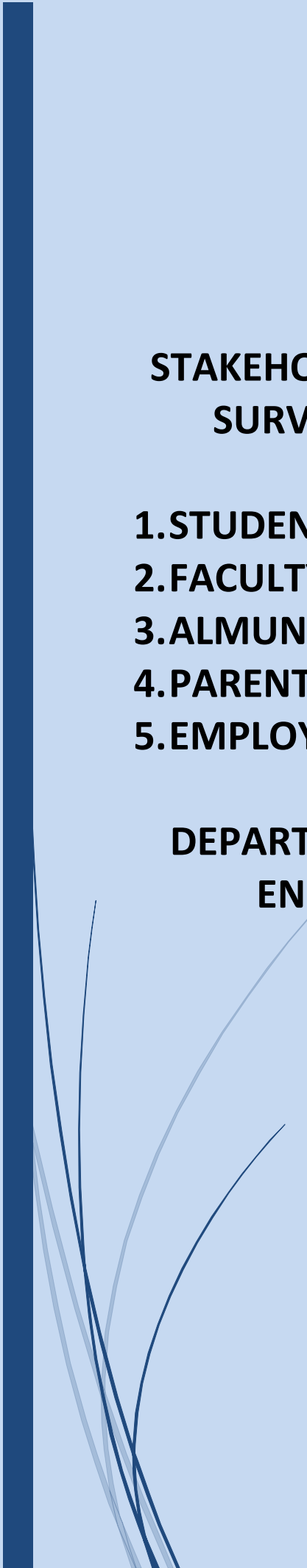
In view of the same it was unanimously decided that :

1. All the staff members are requested to discuss the utility of their subjects in particular & utility of computer in real life in general & politely .
2. It was decided that techno-Cultural events be increased for overall development.
3. To aware the students technical visits are to be planned.


(Prof. Sanjay Bhatnagar)


(Dr. Munish Kumar)

(Dr. Amitoj Singh)



STAKEHOLDER FEEDBACK ON CURRICULUM: SURVEY, ANALYSIS & ACTION TAKEN

- 1.STUDENTS**
- 2.FACULTY**
- 3.ALMUNI**
- 4.PARENTS**
- 5.EMPLOYER**

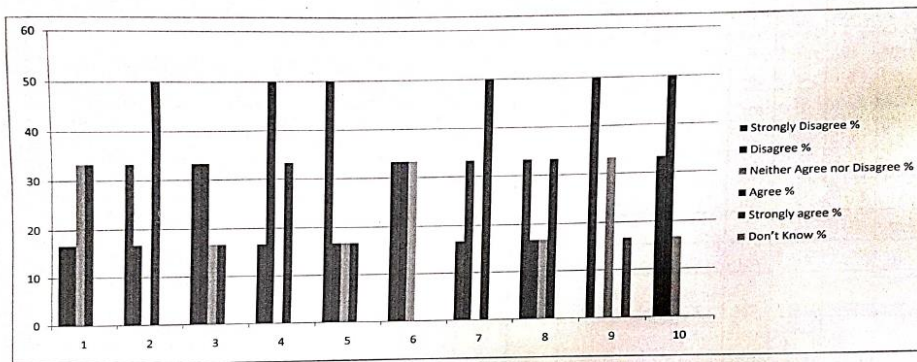
**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING, GZSCCET, MRSPTU**

CSE

Alumni Feedback

Sr.	Question	Total Responses	Strongly Disagree	Strongly Disagree %	Disagree	Disagree %	Neither Agree nor Disagree	Neither Agree nor Disagree %	Agree	Agree %	Strongly agree	Strongly agree %	Don't Know	Don't Know %
1	Curriculum of the programme was explicit and well defined.	6	1	16.67	1	16.667	2	33.3333	2	33.33	0	0	0	0
2	Curriculum was relevant and helpful for your career.	6	2	33.33	1	16.667	0	0	3	50	0	0	0	0
3	An adequate and up-to-date references for study materials were available in the syllabus.	6	2	33.33	2	33.333	1	16.6667	1	16.67	0	0	0	0
4	Lecture (L), tutorials (T) and practicals (P) allotted in the course were adequate.	6	1	16.67	3	50	0	0	2	33.33	0	0	0	0
5	I feel satisfied with the curriculum.	6	3	50	1	16.667	1	16.6667	1	16.67	0	0	0	0
6	Theory and practicals were well balanced in the curriculum.	6	2	33.33	2	33.333	2	33.3333	0	0	0	0	0	0
7	Content helped you to develop basic understanding needed to apply in available career option.	6	1	16.67	2	33.333	0	0	3	50	0	0	0	0
8	Curriculum provided you the opportunity for improving your thinking skills, technical skills, employment/ entrepreneurship skills.	6	2	33.33	1	16.667	1	16.6667	2	33.33	0	0	0	0
9	Curriculum helped you to prepare for National level examinations like UGC-NET/GATE/GPAT etc.	6	3	50	0	0	2	33.3333	0	0	1	16.67	0	0
10	Curriculum focuses to develop your ability to compete at Corporate/National/International levels.	6	2	33.33	3	50	1	16.6667	0	0	0	0	0	0

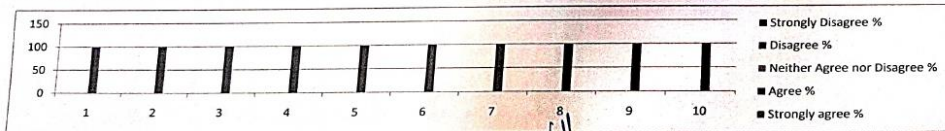
[Handwritten signature]



6/2

Employer Feedback

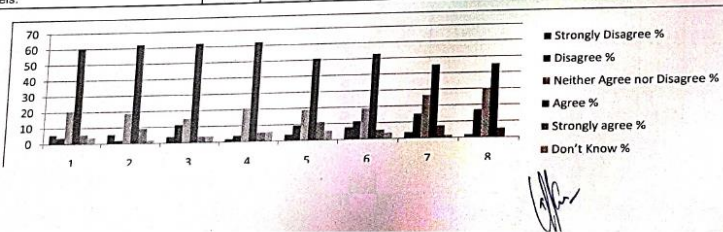
Sr.	Question	Total Respses	Strongly Disagree	Strongly Disagree %	Disagree	Disagree %	Neither Agree nor Disagree	Neither Agree nor Disagree %	Agree	Agree %	Strongly agree	Strongly agree %	Don't Know	Don't Know %
1	I am satisfied with the technical skills of the employee.	1	0	0	0	0	0	0	1	100	0	0	0	0
2	The employee is adaptable to changing technology.	1	0	0	0	0	0	0	1	100	0	0	0	0
3	Curriculum has the scope for development of requisite skills among the students.	1	0	0	0	0	0	0	1	100	0	0	0	0
4	Current syllabus is as per the National and global standards.	1	0	0	0	0	0	0	1	100	0	0	0	0
5	Curriculum focuses on the development of a dynamic personality.	1	0	0	0	0	0	0	1	100	0	0	0	0
6	Curriculum meets needs of industry/educational set up.	1	0	0	0	0	0	0	1	100	0	0	0	0
7	Curriculum inculcates the professional ethics among the students.	1	0	0	0	0	0	0	1	100	0	0	0	0
8	Curriculum designed for the programme is up-to-date as per the latest trends of industry.	1	0	0	0	0	0	0	1	100	0	0	0	0
9	Curriculum has the scope of developing team spirit and leadership qualities among the students.	1	0	0	0	0	0	0	1	100	0	0	0	0
10	The Curriculum is relevant as per the industrial needs.	1	0	0	0	0	0	0	1	100	0	0	0	0



[Handwritten Signature]

Parents Feedback

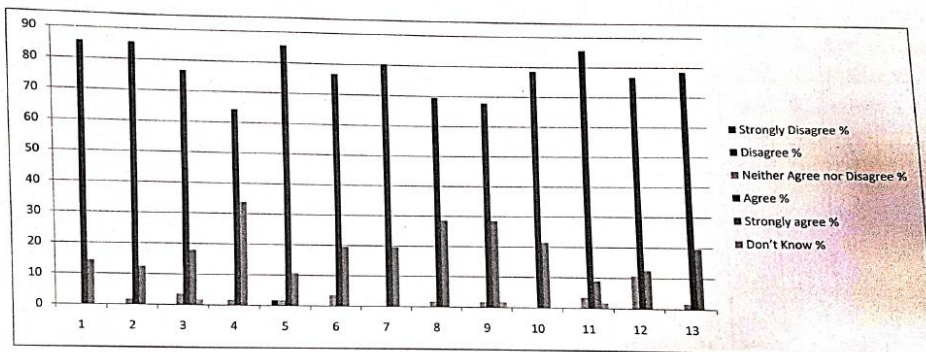
Sr.	Question	Total Responses	Strongly Disagree	Strongly Disagree %	Disagree	Disagree %	Neither Agree nor Disagree	Neither Agree nor Disagree %	Agree	Agree %	Strongly agree	Strongly agree %	Don't Know	Don't Know %
1	Extent of curriculum according to course duration is sufficient.	53	3	5.6604	2	3.77358	11	20.75472	32	60.38	3	5.6604	2	3.774
2	Lecture (L), tutorials (T) and practicals (P) allotted in the course are adequate.	53	3	5.6604	1	1.88679	10	18.86792	33	62.26	5	9.434	1	1.887
3	There is a balance between theory and practical in the curriculum.	53	2	3.7736	6	11.3208	8	15.09434	33	62.26	2	3.7736	2	3.774
4	The books prescribed/listed as reference materials are relevant, updated, appropriate and adequate.	53	1	1.8868	2	3.77358	11	20.75472	33	62.26	3	5.6604	3	5.66
5	Curriculum provides opportunity for improving thinking skills.	53	2	3.7736	5	9.43396	10	18.86792	27	50.94	6	11.321	3	5.66
6	Curriculum provides focus on skill development /employability/ entrepreneurship.	53	4	7.5472	6	11.3208	10	18.86792	28	52.83	3	5.6604	2	3.774
7	Curriculum helps to prepare for national level examination.	53	2	3.7736	8	15.0943	14	26.41509	24	45.28	4	7.5472	1	1.887
8	Curriculum focuses to develop ability to compete at National/International levels.	53	1	1.8868	9	16.9811	16	30.18868	24	45.28	3	5.6604	0	0



Faculty Feedback

Sr.	Question	Total Responses	Strongly Disagree	Strongly Disagree %	Disagree	Disagree %	Neither Agree nor Disagree	Neither Agree nor Disagree %	Agree	Agree %	Strongly agree	Strongly agree %	Don't Know	Don't Know %
1	Content of the syllabus is in line with the program educational objectives.	56	0	0	0	0	0	0	48	85.71	8	14.28571	0	0
2	Syllabus is in line with the Course objectives and course outcomes.	56	0	0	0	0	1	1.7857	48	85.71	7	12.5	0	0
3	Syllabus has good balance between theory and practical applications.	56	0	0	0	0	2	3.5714	43	76.79	10	17.85714	1	1.786
4	Course content stimulate my interest and engagement in the subject area.	56	0	0	0	0	1	1.7857	36	64.29	19	33.92857	0	0
5	Contents of the syllabus are properly arranged as per Bloom's Taxonomy.	56	0	0	1	1.786	1	1.7857	48	85.71	6	10.71429	0	0
6	Syllabus motivate students for further research and project related activities.	56	0	0	0	0	2	3.5714	43	76.79	11	19.64286	0	0
7	Contents of the course are in conformity with the learning outcomes.	56	0	0	0	0	0	0	45	80.36	11	19.64286	0	0
8	Contents of the syllabus are in tune with the UGCNET/CSIR/GPAT/GATE examinations.	56	0	0	0	0	1	1.7857	39	69.64	16	28.57143	0	0
9	Syllabus motivates students for self-learning.	56	0	0	0	0	1	1.7857	38	67.86	16	28.57143	1	1.786
10	Contact hours proposed in the curriculum matches the contents.	56	0	0	0	0	0	0	44	78.57	12	21.42857	0	0
11	Learning outcomes of the syllabus are in line with various accreditation body requirements.	56	0	0	0	0	2	3.5714	48	85.71	5	8.928571	1	1.786
12	Curriculum has potential for skill development/employment/entrepreneurship.	56	0	0	0	0	6	10.714	43	76.79	7	12.5	0	0
13	Opinion of the faculty members are taken in to account during syllabus revision.	56	0	0	0	0	1	1.7857	44	78.57	11	19.64286	0	0

Handwritten signature or initials.

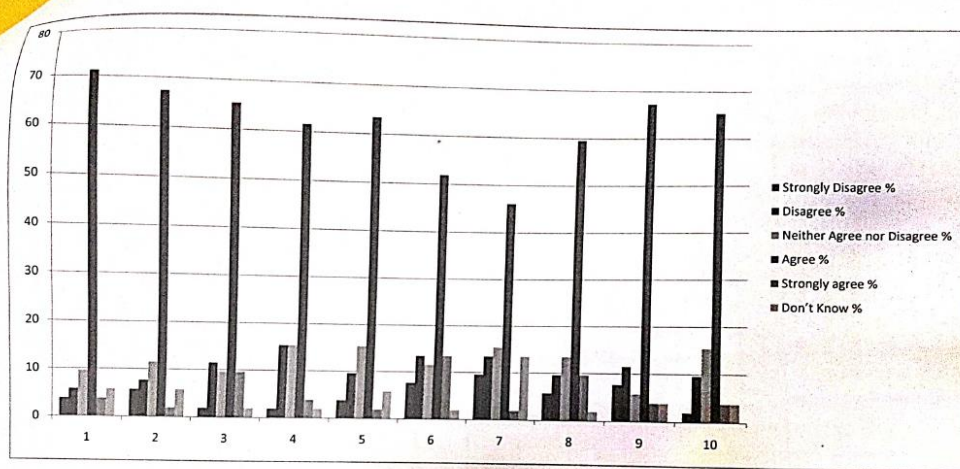


Handwritten signature

Students Feedback

Sr.	Question	Total Responses	Strongly Disagree	Strongly Disagree %	Disagree	Disagree %	Neither Agree nor Disagree	Neither Agree nor Disagree	Agree	Agree %	Strongly agree	Strongly agree %	Don't Know	Don't Know %
1	Content of Syllabi of the Courses is relevant.	52	2	3.846154	3	5.7692	5	9.61538	37	71.154	2	3.8462	3	5.7692
2	Syllabus meets course outcomes	52	3	5.769231	4	7.6923	6	11.5385	35	67.308	1	1.9231	3	5.7692
3	Topics are in proper sequence in the syllabus	52	1	1.923077	6	11.538	5	9.61538	34	65.385	5	9.6154	1	1.9231
4	Content included in each unit is up-to-date and balanced	52	1	1.923077	8	15.385	8	15.3846	32	61.538	2	3.8462	1	1.9231
5	Adequate no of text and reference books mentioned	52	2	3.846154	5	9.6154	8	15.3846	33	63.462	1	1.9231	3	5.7692
6	Lecture (L), Tutorials (T) and Practicals (P) allotted in the course are appropriate	52	4	7.692308	7	13.462	6	11.5385	27	51.923	7	13.462	1	1.9231
7	Curriculum helps you to prepare for relevant national level examinations (GATE/GPAT/NET etc.)	52	5	9.615385	7	13.462	8	15.3846	24	46.154	1	1.9231	7	13.462
8	Curriculum provides you the opportunity for improving your thinking ability and innovativeness	52	3	5.769231	5	9.6154	7	13.4615	31	59.615	5	9.6154	1	1.9231
9	Curriculum provides you the opportunity for improving your employment skills	52	4	7.692308	6	11.538	3	5.76923	35	67.308	2	3.8462	2	3.8462
10	Syllabus prompts to explore more in the subject area.	52	1	1.923077	5	9.6154	8	15.3846	34	65.385	2	3.8462	2	3.8462

Report



[Handwritten signature]



STAKEHOLDER FEEDBACK ON CURRICULUM: SURVEY, ANALYSIS & ACTION TAKEN

- 1.STUDENTS**
- 2.FACULTY**
- 3.ALMUNI**
- 4.PARENTS**
- 5.EMPLOYER**

**DEPARTMENT OF ELECTRONICS &
COMMUNICATION ENGINEERING, GZSCCET,
MRSPTU**

MAHARAJARANJITSINGHPUNJABTECHNICALUNIVERSITY,BATHINDA
GIANI ZAIL SINGH CAMPUS COLLEGE OF ENGINEERING & TECHNOLOGY, MRSPTU, BATHINDA
Department of Electronics & Communication Engineering

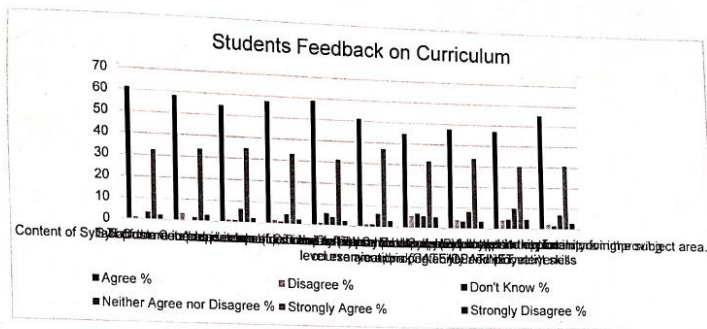
Students Feedback on Curriculum

Questions	No. of Responses	Agree %	Disagree %	Don't Know %	Neither Agree nor Disagree %	Strongly Agree %	Strongly Disagree %
Content of Syllabi of the Courses is relevant.	172	61.04	1		3.4	32.5	2.3
Syllabus meets course outcomes	172	58.13	3.4		1.7	33.7	2.9
Topics are in proper sequence in the syllabus	172	54.6	1.1	1	6.3	34.8	2.3
Content included in each unit is up-to-date and balanced	172	57.5	1.7	1	4.6	33.1	2.3
Adequate no of text and reference books mentioned	172	58.8	1	5.8	4.06	31.3	2.3
Lecture (L), Tutorials (T) and Practicals (P) allotted in the course are appropriate	172	51.1	1.1	1.1	6.3	37.2	2.9
Curriculum helps you to prepare for relevant national level examinations (GATE/GPAT/NET etc.)	172	44.7	5.8	6.9	5.8	31.9	5.2
Curriculum provides you the opportunity for improving your thinking ability and innovativeness	172	47.6	4.06	3.4	8.1	33.7	3.4
Curriculum provides you the opportunity for improving your employment skills	172	47.09	4.06	4.6	9.8	30.2	4.6
Syllabus prompts to explore more in the subject area.	172	55.2	2.3	1.7	6.9	30.8	2.9

Cy

Chve

GATA



Analysis:

Observation of feedback analysis committee

The content of the syllabus, its sequencing and outcome is good. The distribution of course in regard to (L T P) is appropriate. We have tried to include the latest development in the curriculum. In BoS members from the industries/institutes of National Interest have been invited to give inputs regarding the needs of the industries.

It has been observed that as far as opportunity for improving thinking skills and employability is concerned more emphasis is required. development programme. Mock test and other personality development programmes need to be conducted by concerned department of the university.

[Signature]
HOD

[Signature]
Faculty1

[Signature]
Faculty2

Faculty 1

Action taken by HOD

Deptt has tried to include the latest development in the curriculum. In BoS members from the industries has been invited to give inputs regarding the needs of the industries.

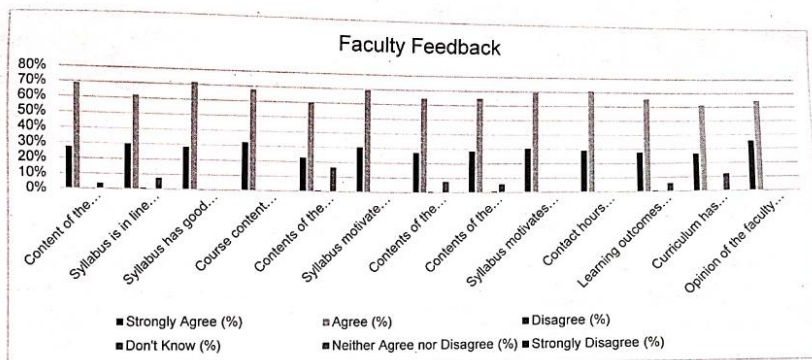
MAHARAJARANJITSINGHPUNJABTECHNICALUNIVERSITY, BATHINDA
GIANI ZAIL SINGH CAMPUS COLLEGE OF ENGINEERING & TECHNOLOGY, BATHINDA
 Department of Electronics & Communication Engineering
Faculty Feedback

Questions	Number of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know (%)	Neither Agree nor Disagree (%)	Strongly Disagree (%)
Content of the syllabus is in line with the program educational objectives.	158	27%	69%			4%	
Syllabus is in line with the Course objectives and course outcomes.	158	30%	62%	1%		8%	
Syllabus has good balance between theory and practical applications.	158	28%	72%				
Course content stimulate my interest and engagement in the subject area.	158	32%	68%				
Contents of the syllabus are properly arranged as per Bloom's Taxonomy.	158	23%	60%	1%		16%	
Syllabus motivate students for further research and project related activities.	158	30%	70%				
Contents of the course are in conformity with the learning outcomes.	158	27%	65%	1%		8%	
Contents of the syllabus are in tune with the UGCNET/CSIR/GPAT/GATE examinations.	158	28%	65%		1%	6%	
Syllabus motivates students for self-learning.	158	30%	70%				
Contact hours proposed in the curriculum matches the contents.	158	29%	71%				
Learning outcomes of the syllabus are in line with various accreditation body requirements.	158	28%	66%	1%		6%	
Curriculum has potential for skill development/employment/entrepreneurship.	158	27%	61%			12%	
Opinion of the faculty members are taken in to account during syllabus revision.	158	35%	65%				

Ri

Chauhan

17/11



Analysis:

Observation of feedback analysis committee

Almost whole of faculty agrees or strongly agrees that syllabus/content is in line with Program educational objectives, Course outcomes and is in tune with GATE examination. Curriculum has potential for skill development and motivates students for further research activities. However, some attention is needed towards arrangement of syllabus as per Bloom's taxonomy.

[Signature]
HOD

[Signature]
Faculty 2

[Signature]
Faculty 1

Action Taken by HOD:

Suggestions have been taken from students, alumni, industries and research institutions while framing the course content and setting the objectives and outcomes. In Routine, If any suggestion comes, is discussed in the meetings of Board of control and Board of studies at appropriate time and intervals and finally gets incorporated in the syllabus.

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
GIANI ZAIL SINGH CAMPUS COLLEGE OF ENGINEERING & TECHNOLOGY, MRSPTU, BATHINDA
Department of Electronics & Communication Engineering

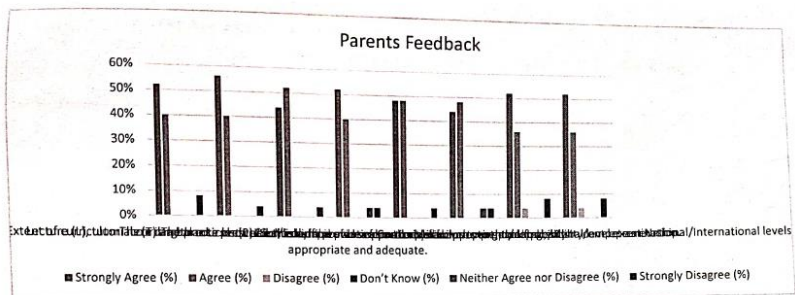
Parents Feedback Performa

Questions	Number of	Strongly Agree	Agree	Disagree	Don't Know	Neither Agree nor	Strongly
	Responses	(%)	(%)	(%)	(%)	Disagree (%)	Disagree (%)
Extent of curriculum according to course duration is sufficient.	25	52%	40%				8%
Lecture (L), tutorials (T) and practicals (P) allotted in the course are adequate.	25	56%	40%				4%
There is a balance between theory and practical in the curriculum.	25	44%	52%				4%
The books prescribed/listed as reference materials are relevant, updated, appropriate and adequate.	25	52%	40%			4%	4%
Curriculum provides opportunity for improving thinking skills.	25	48%	48%				4%
Curriculum provides focus on skill development /employability/entrepreneurship.	25	44%	48%			4%	4%
Curriculum helps to prepare for national level examination.	25	52%	36%	4%			8%
Curriculum focuses to develop ability to compete at National/International levels	25	52%	36%	4%			8%

ly

me

GA



Analysis:

Observation of feedback analysis committee

Extent of curriculum according to course duration is sufficient. The distribution of the course in regard to (L T P) is adequate. It been observed that as far as opportunity for improving thinking skills and employability is concerned more emphasis is required. Mock test and other personality development programmes need to be conducted by concerned department of the univ.

[Signature]
HOD

[Signature]
Faculty 1

[Signature]
Faculty 2

Action taken by HOD

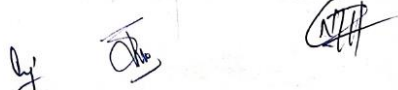
Deptt has tried to include the latest development in the curriculum. In BoS members from the industries has been invited to give inputs regarding the needs of the industries.

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
GIANI ZAIL SINGH CAMPUS COLLEGE OF ENGINEERING & TECHNOLOGY, MRSPTU, BATHINDA
Department of Electronics & Communication Engineering

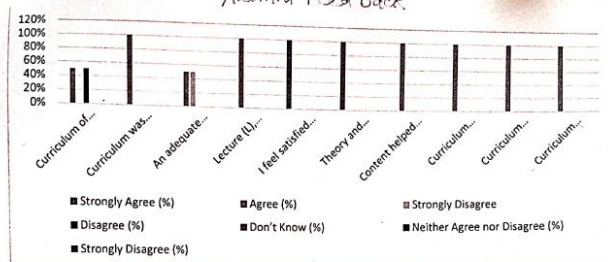
Alumni Feedback Performance

Questions	Number of	Strongly Agree	Agree	Strongly Disagree	Disagree	Don't Know	Neither Agree nor	Strongly
	Responses	(%)	(%)		(%)	(%)	Disagree (%)	Disagree (%)
Curriculum of the programme was explicit and well defined.	2		50%		50%			
Curriculum was relevant and helpful for your career.	2		100%					
An adequate and up-to-date references for study materials were available in the syllabus.	2		50%	50%				
Lecture (L), tutorials (T) and practicals (P) allotted in the course were adequate.	2		100%					
I feel satisfied with the curriculum.	2	100%						
Theory and practicals were well balanced in the curriculum.	2	100%						
Content helped you to develop basic understanding needed to apply in available career option.	2		100%					
Curriculum provided you the opportunity for improving your thinking skills, technical skills, employment/ entrepreneurship skills.	2		100%					
Curriculum helped you to prepare for National level examinations like UGC-NET/GATE/GPAT etc.	2		100%					
Curriculum focuses to develop your ability to compete at Corporate/National/International levels.	2		100%					

Alumni Feedback



Alumni Feed back



Analysis:

Observation of feedback analysis committee

The content of the syllabus, its sequencing and outcome is good. The distribution of course in regard to (L T P) is appropriate. It has been observed that as far as opportunity for improving thinking skills and employability is concerned more emphasis is required. development programme. Mock test and

[Signature]
HOD

[Signature]
Faculty1

[Signature]
Faculty2

Action taken by HOD

Dept has tried to include the latest development in the curriculum. In BoS members from the industries has been invited to give inputs regarding the needs of the industries.



STAKEHOLDER FEEDBACK ON CURRICULUM: SURVEY, ANALYSIS & ACTION TAKEN

- 1.STUDENTS**
- 2.FACULTY**
- 3.ALMUNI**
- 4.PARENTS**
- 5.EMPLOYER**

**DEPARTMENT OF ELECTRICAL ENGINEERING,
GZSCCET, MRSPTU**



**MAHARAJARANJITSINGHPUNJABTECHNICALUNIVERSITY,BAT
 GIANI ZAIL SINGH CAMPUS COLLEGE OF ENGG. & TECH. N
 MRSPTU BATHINDA**

**Department of Electrical Engineering
 Students Feedback on Curriculum**

Questions	No. of Respo nses	Agree %	Disagr ee %	Don't Know %	Neither Agree nor Disagre e %	Strongly Agree %	Strongly Disagree %
Content of Syllabi of the Courses is relevant.	900	89.33	1.55	1	1.22	6.22	0.66
Syllabus meets course outcomes	900	87.66	2.44	0.66	1.33	7.22	0.16
Topics are in proper sequence in the syllabus	900	88.88	1.22	1.33	2	5.55	1
Content included in each unit is up-to-date and balanced	900	87.55	2	1.33	1.88	5.88	1.33
Adequate no of text and reference books mentioned	900	86.88	2.33	1.77	1.88	6.11	1
Lecture (L), Tutorials (T) and Practicals (P) allotted in the course are appropriate	900	86.44	3.33	0.44	2.11	6.11	1.55
Curriculum helps you to prepare for relevant national level examinations (GATE/GPAT/NET etc.)	900	87.77	1.33	2	2.33	5.77	0.77
Curriculum provides you the opportunity for improving your thinking ability and innovativeness	900	85.55	1.88	1.88	2.33	7.33	1
Curriculum provides you the opportunity for improving your employment skills	900	85.66	1.33	1.11	1.55	9.77	0.55
Syllabus prompts to explore more in the subject area.	900	86.33	1.55	1.33	1.33	8.77	0.66

Analysis:

Observation of feedback analysis committee

The content of the syllabus, its sequencing and outcome is good. The distribution of course in regard to (L T P) is appropriate. We have tried to include the latest development in the curriculum. In BoS members from the industries/Institutes of National Interest have been invited to give inputs regarding the needs of the industries.

It has been observed that as far as opportunity for improving thinking skills and employability is concerned, more emphasis is required on development programmes. Mock test and other personality development programmes need to be conducted by concerned department of the university.

HOD *SBath*
09-12-2021

SBath
09-12-2021
Faculty1

[Signature]
09-12-2021
Faculty2

Action taken by HOD

Deptt. has tried to include the latest developments in the curriculum. Members from the industries have been included in BOS to give inputs in syllabus preparation regarding the needs of the industries.

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
GIANI ZAIL SINGH CAMPUS COLLEGE OF ENGINEERING & TECHNOLOGY, MRSPTU, BATHINDA

Department of Electrical Engineering
Parents Feedback on Curriculum

Sr.No.	Questions	No. of Responses	Agree %	Disagree %	Dont Know %	Neither Agree nor Disagree %	Strongly Agree %
1	Extent of curriculum according to course duration is sufficient.	78	67.94	8.97	5.12	11.53	3.84
2	Lecture (L), tutorials (T) and practicals (P) allotted in the course are adequate.	78	64.1	3.84	1.28	14.1	2.56
3	There is a balance between theory and practical in the curriculum.	78	56.01	5.01	2.16	11.25	5.12
4	The books prescribed/listed as reference materials are relevant, updated, appropriate and adequate.	78	47.43	5.12	5.12	12.82	11.53
5	Curriculum provides opportunity for improving thinking skills.	78	46.15	12.82	3.84	8.97	6.41
6	Curriculum provides focus on skill development /employability/ entrepreneurship.	78	44.87,00%	5.12	2.56	16.66	6.41
7	Curriculum helps to prepare for national level examination.	78	38.46	2.56	3.84	17.94	15.38
8	Curriculum focuses to develop ability to compete at National/International levels.	78	38.46	10.25	2.56	21.2	6.41

Analysis:

Observation of feedback analysis committee

The content of the syllabus, its sequencing and outcome is good. The distribution of course in regard to (L T P) is appropriate. We have tried to include the latest development in the curriculum. In BoS members from the industries/Institutes of National Interest have been invited to give inputs regarding the needs of the industries.

It has been observed that as far as opportunity for improving thinking skills and employability is concerned more emphasis is required. development programme. Mock test and other personality development programmes need to be conducted by concerned department of the university.

HOD *[Signature]*

[Signature]
Faculty 1

[Signature]
Faculty 2

Action taken by HOD

Dept has tried to include the latest development in the curriculum. In Bos members from the industries has been invited to give inputs regarding the needs of the industries.

MAHARAJARANJITSINGHPUNJABTECHNICAL UNIVERSITY, BATHINDA
GIANI ZAIL SINGH CAMPUS COLLEGE OF ENGINEERING & TECHNOLOGY, MRSPTU, BATHINDA
 Department of Electrical Engineering
 Faculty Feedback on Curriculum

Sr.N o.	Questions	No. of Responses	Agree %	Disagree %	Don't Know %	Neither Agree nor Disagree	Strongly Agree %	Strongly Disagree %
1	Content of the syllabus is in line with the program educational objectives.	24	79.16	0	0	4.16	16	0
2	Syllabus is in line with the Course objectives and course outcomes.	24	62.5	0	0	4.16	33.33	0
3	Syllabus has good balance between theory and practical applications.	24	62.5	0	0	4.16	33.33	0
4	Course content stimulate my interest and engagement in the subject area.	24	66.5	0	0	8.33	12.5	0
5	Contents of the syllabus are properly arranged as per Bloom's Taxonomy.	24	85.70,00%	0	0	0	12.5	0
6	Syllabus motivate students for further research and project related activities.	24	79.16	0	4.16	4.16	12.5	0
7	Contents of the course are in conformity with the learning outcomes.	24	50	0	4.16	4.16	41.66	0
8	Contents of the syllabus are in tune with the UGCNET/CSIR/GPAT/GATE examinations.	24	66	0	0	0	33.33	0
9	Syllabus motivates students for self-learning.	24	70.83	4.16	0	4.16	20.83	0
10	Contact hours proposed in the curriculum matches the contents.	24	70.83	4.16	0	4.16	20.83	0

11	Learning outcomes of the syllabus are in line with various accreditation body requirements.	24	70.83	0	4.16	4.16	20.83	0
12	Curriculum has potential for skill development/employment/entrepreneurship.	24	70.83	0	0	8.33	20.83	0
13	Opinion of the faculty members are taken in to account during syllabus revision.	24	75	0	0	4.16	20.83	0

Analysis:

Observation of feedback analysis committee

The content of the syllabus, its sequencing and outcome is good. The distribution of course in regard to (L T P) is appropriate. We have It has been observed that as far as opportunity for improving thinking skills and employability is concerned more emphasis is required.

HOD 


Faculty 1


Faculty 2

Action taken by HOD

Dept has tried to include the latest development in the curriculum. In BoS members from the industries has been invited to give inputs regarding the needs of the industries.

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
GIANI ZAIL SINGH COLLEGE OF ENGINEERING & TECHNOLOGY, MRSPTU, BATHINDA
Department of Electronics & Communication Engineering
Alumni Feedback Performa

Questions	Number of Responses	Strongly Agree	Agree	Disagree	Don't Know	Neither Agree nor Disagree (%)	Strongly Disagree (%)
		(%)	(%)	(%)	(%)		
Curriculum of the programme was explicit and well defined.	14	7.14%	78.57%	7.14%	0.00%	7.14%	0.00%
Curriculum was relevant and helpful for your career.	14	14.28%	57.14%	14.28%	0.00%	7.14%	7.14%
An adequate and up-to-date references for study materials were available in the syllabus.	14	0	85.71%	14.28%	0.00%	0.00%	0.00%
Lecture (L), tutorials (T) and practicals (P) allotted in the course were adequate.	14	21.42%	71.42%	7.14%	0.00%	0.00%	0.00%
I feel satisfied with the curriculum.	14	7.14%	71.42%	7.14%	0.00%	0.00%	0.00%
Theory and practicals were well balanced in the curriculum.	14	14.28%	57.14%	14.28%	0.00%	0.00%	14.28%
Content helped you to develop basic understanding needed to apply in available career option.	14	7.14%	64.28%	21.42%	0.00%	0.00%	7.14%
Curriculum provided you the opportunity for improving your thinking skills, technical skills, employment/ entrepreneurship skills.	14	7.14%	71.42%	14.28%	0.00%	7.14%	0.00%
Curriculum helped you to prepare for National level examinations like UGC-NET/GATE/GPAT etc.	14	7.14%	50.00%	14.28%	0.00%	21.42%	7.14%
Curriculum focuses to develop your ability to compete atCorporate/National/International levels.	14	7.14%	64.28%	7.14%	0.00%	7.14%	7.14%

Analysis:

Observation of feedback analysis committee

The content of the syllabus, its sequencing and outcome is good. The distribution of course in regard to (L T P) is appropriate. We have tried to include the latest development in the curriculum. In BOS members from the industries/Institutes of National Interest have been invited to give inputs regarding the needs of the It has been observed that as far as opportunity for improving thinking skills and employability is concerned more emphasis is required. development programme. Mock test and other personality development programmes need to be conducted by concerned department of the university.

HOD

Spoti

Action taken by HOD

Dept has tried to include the latest development in the curriculum. In Bos members from the industries has been invited to give inputs regarding the needs of the industries.

Faculty1

Spoti

Faculty2

Spoti

MAHARAJARANJITSINGHPUNABTECHNICAL UNIVERSITY, BATHINDA
GIANI ZAIL SINGH CAMPUS COLLEGE OF ENGINEERING & TECHNOLOGY, MRSPJTU, BATHINDA
Department of Electrical Engineering

Employer Feedback on Curriculum

Questions	No. of Responses	Agree %	Disagree %	Don't Know %	Neither Agree nor Disagree %	Strongly Agree %	Strongly Disagree %
I am satisfied with the technical skills of the employee.	2	0	100%	0	0	0	0
The employee is adaptable to changing technology.	2	0	0	50	50	0	0
Curriculum has the scope for development of requisite skills among the students.	2	50	50	0	0	0	0
Current syllabus is as per the National and global standards.	2	0	50	0	50	0	0
Curriculum focuses on the development of a dynamic personality.	2	0	50	0	0	0	0
Curriculum meets needs of industry/educational set up.	2	0.00%	100	0	0	0	0
Curriculum inculcates the professional ethics among the students.	2	50	0	0	0	50	0
Curriculum designed for the programme is up-to-date as per the latest trends of industry.	2	50	50	0	0	0	0
Curriculum has the scope of developing team spirit and leadership qualities among the students.	2	50	50	0	0	0	0
The Curriculum is relevant as per the industrial needs.	2	0	100	0	0	0	0

Analysis:

Observation of feedback analysis committee

The content of the syllabus, its sequencing and outcome is good. The distribution of course in regard to (L T P) is appropriate. We have tried to include the latest development in the curriculum. In BOS members from the industries/Institutes of National Interest have been invited to give inputs regarding the needs of the It has been observed that as far as opportunity for improving thinking skills and employability is concerned more emphasis is required. development programme. Mock test and other personality development programmes need to be conducted by concerned department of the university.

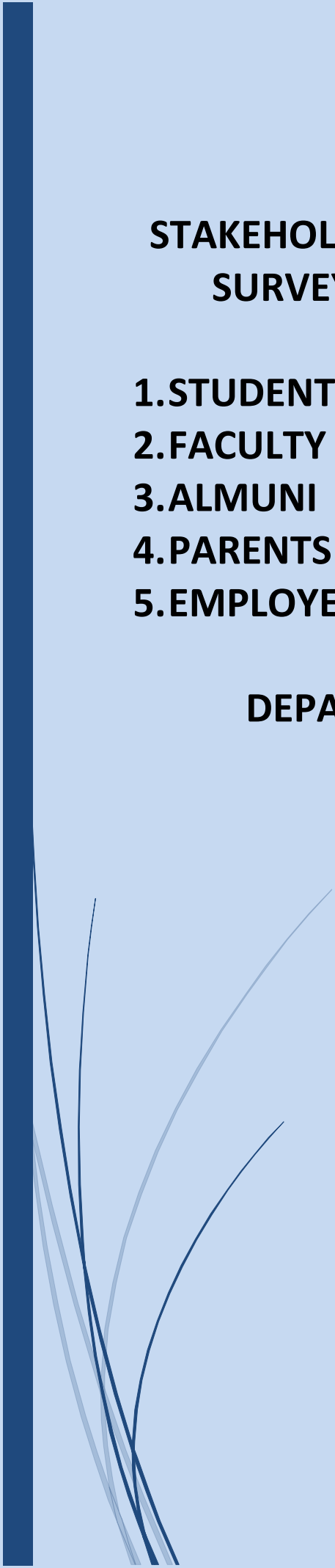
HOD 

Faculty1 

Faculty2 

Action taken by HOD

Dept has tried to include the latest development in the curriculum. In BOS members from the industries has been invited to give inputs regarding the needs of the industries.

A thick dark blue vertical bar is positioned on the left side of the page. From the bottom of this bar, several thin, light blue lines curve upwards and outwards, creating an abstract, grass-like or reed-like pattern.

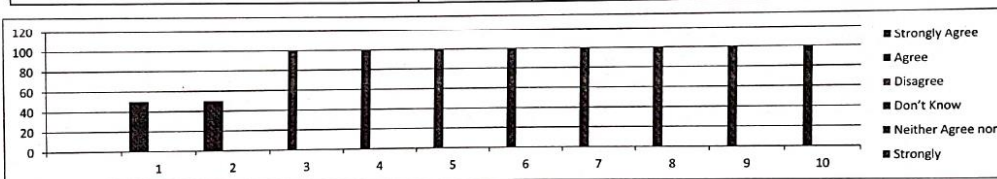
STAKEHOLDER FEEDBACK ON CURRICULUM: SURVEY, ANALYSIS & ACTION TAKEN

- 1.STUDENTS**
- 2.FACULTY**
- 3.ALMUNI**
- 4.PARENTS**
- 5.EMPLOYER**

**DEPARTMENT OF FOOD SCIENCE &
TECHNOLOGY, MRSPTU**

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
Department of Food Science and Technology
Employer Feedback Performance

Questions	Number of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know (%)	Neither Agree nor Disagree (%)	Strongly Disagree (%)
I am satisfied with the technical skills of the employee.	2	50	50	0	0	0	0
The employee is adaptable to changing technology.	2	50	50	0	0	0	0
Curriculum has the scope for development of requisite skills among the students.	2	0	100	0	0	0	0
Current syllabus is as per the National and global standards.	2	0	100	0	0	0	0
Curriculum focuses on the development of a dynamic personality.	2	0	100	0	0	0	0
Curriculum meets needs of industry/educational set up.	2	0	100	0	0	0	0
Curriculum inculcates the professional ethics among the students.	2	0	100	0	0	0	0
Curriculum designed for the programme is up-to-date as per the latest trends of industry.	2	0	100	0	0	0	0
Curriculum has the scope of developing team spirit and leadership qualities among the students.	2	0	100	0	0	0	0
The Curriculum is relevant as per the industrial needs.	2	0	100	0	0	0	0



Analysis:
Observation of feedback analysis committee
 It is observed that the students has good technical skills and has excellent ability to adapt with new technologies but there is requirement to take some steps to improve the personality and communicative skills of students. Changes are required in the curriculum to make it more industry oriented.

[Signature]
 HOD

[Signature]
 Faculty 1

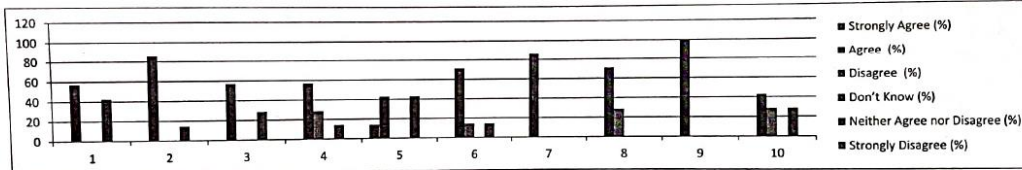
[Signature]
 Faculty 2

Action taken by HOD
 Action will be taken to improve the curriculum as per the requirement of industries. Course of communicative skills was introduced to groom the personality of students.

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
Department of Food Science and Technology

Alumni Feedback Performa

Questions	Number of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know (%)	Neither Agree nor Disagree (%)	Strong Disagree (%)
Curriculum of the programme was explicit and well defined.	7	0	57.14	0	0	42.86	0
Curriculum was relevant and helpful for your career.	7	0	85.71	0	0	14.28	0
An adequate and up-to-date references for study materials were available in the syllabus.	7	0	57.14	0	0	28.57	0
Lecture (L), tutorials (T) and practical's (P) allotted in the course were adequate	7	0	57.14	28.57	0	14.28	0
I feel satisfied with the curriculum.	7	14.28	42.85	0	0	42.85	0
Theory and practical's were well balanced in the curriculum.	7	0	71.42	14.28	0	14.28	0
Content helped you to develop basic understanding needed to apply in available career option.	7	0	85.71	0	0	0	0
Curriculum provided you the opportunity for improving your thinking skills, technical skills, employment/ entrepreneurship skills.	7	0	71.42	28.57	0	0	0
Curriculum helped you to prepare for National level examinations like UGC-NET/GATE/GPAT etc.	7	0	100	0	0	0	0
Curriculum focuses to develop your ability to compete at Corporate/National/International levels.	7	0	42.85	28.57	0	28.57	0



Analysis:

Observation of feedback analysis committee

Curriculum of the programme is relevant and helpful for student's career. Some attention needed towards lecture, tutorials practical's, opportunity for improving thinking skills, technical skills, employment/ entrepreneurship skills of students and also curriculum focuses to develop ability to compete at Corporate/National/International levels allotted in the course.

[Signature]
HOD

[Signature]
Faculty 1

[Signature]
Faculty 2

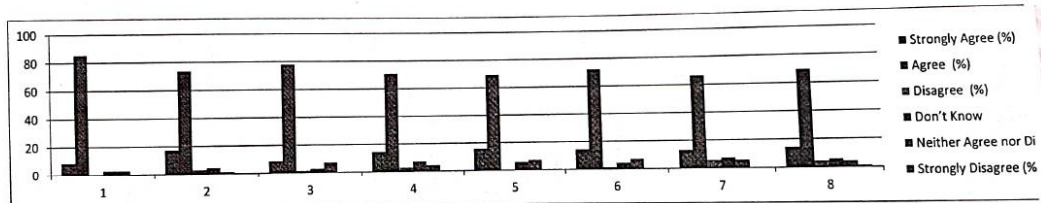
Action taken by HOD

Suggestion have been taken from students, alumni, industries and research institutions while framing the curriculum, lecture and tutorial. Tutorials for some courses were eliminated from the scheme as per the suggestion of some experts and they suggested that some courses are totally theoretical in which there is no requirement of tutorials.

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
Department of Food Science and Technology

Parents Feedback Performa

Questions	Number of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know	Neither Agree nor Disagree (%)	Strong Disagree (%)
Extent of curriculum according to course duration is sufficient.	69	8.69	85.5		2.89	2.89	0
Lecture (L), tutorials (T) and practical's (P) allotted in the course are adequate.	69	17.39	73.91	2.89	4.34	1.44	0
There is a balance between theory and practical in the curriculum.	69	8.69	78.26	1.44	2.89	7.24	0
The books prescribed/listed as reference materials are relevant, updated, appropriate and adequate.	69	14.49	71.01	2.89	7.24	4.34	0
Curriculum provides opportunity for improving thinking skills.	69	15.94	69.56	0	5.79	7.24	0
Curriculum provides focus on skill development /employability/ entrepreneurship.	69	14.49	72.46	1.44	4.34	7.24	0
Curriculum helps to prepare for national level examination.	69	13.04	66.66	5.79	7.24	5.79	0
Curriculum focuses to develop ability to compete at National/International levels.	69	14.49	69.56	4.34	5.79	4.34	1.44



Analysis:

Observation of feedback analysis committee

Extent of curriculum according to course duration is sufficient. It has been observed that there is a little need to improve curriculum to develop ability in students to compete at National/International levels.

[Signature]
HOD

[Signature]
Faculty 1

[Signature]
Faculty 2

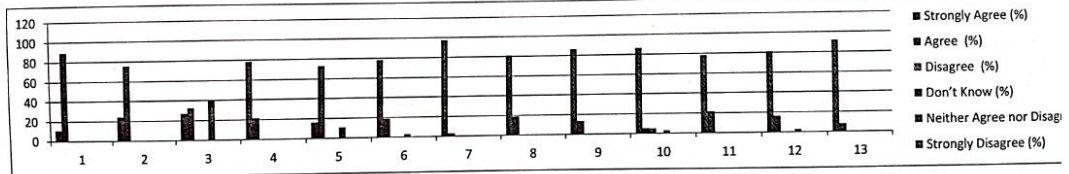
Action taken by HOD

Suggestions have been taken from students, parents, alumni, industries and research institutions while framing the curriculum that focuses on developing ability to compete at National/International levels. The contents were modified as per the suggestions of our academic and industry experts.

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
Department of Food Science and Technology

Faculty Feedback Performa

Questions	Number of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know (%)	Neither Agree nor Disagree (%)	Strongly Disagree (%)
Content of the syllabus is in line with the program educational objectives.	37	10.81	89.18	0	0	0	0
Syllabus is in line with the Course objectives and course outcomes.	37	24.32	75.67	0	0	0	0
Syllabus has good balance between theory and practical applications.	37	27.02	32.43	0	0	40.54	0
Course content stimulate my interest and engagement in the subject area.	37	78.37	21.62	0	0	0	0
Contents of the syllabus are properly arranged as per Bloom's Taxonomy.	37	16.21	72.97	0	0	10.81	0
Syllabus motivate students for further research and project related activities.	37	78.37	18.91	0	0	2.7	0
Syllabus motivate students for further research and project related activities.	37	97.29	2.7	0	0	0	0
Contents of the course are in conformity with the learning outcomes.	37	81.08	18.91	0	0	0	0
Contents of the syllabus are in tune with the UGCNET/CSIR/GPAT/GATE examinations.	37	86.48	13.51	0	0	0	0
Syllabus motivates students for self-learning.	37	86.48	5.4	5.4	0	2.7	0
Contact hours proposed in the curriculum matches the contents.	37	0	0	0	0	0	0
Learning outcomes of the syllabus are in line with various accreditation body requirements.	37	78.37	21.62	0	0	0	0
Curriculum has potential for skill development/employment/entrepreneurship.	37	81.08	16.21	0	0	2.7	0
Opinion of the faculty members are taken in to account during syllabus revision.	37	91.89	8.1	0	0	0	0



Analysis:

Observation of feedback analysis committee

Most of the Faculty members are strongly agree that syllabus/ content is in line with Program educational objectives, Course objectives and outcomes and is in tune with NET and GATE Examination, Curriculum has potential for skill development/employment/entrepreneurship and motivates students for further research activities.

HOD

Faculty 1

Faculty 2

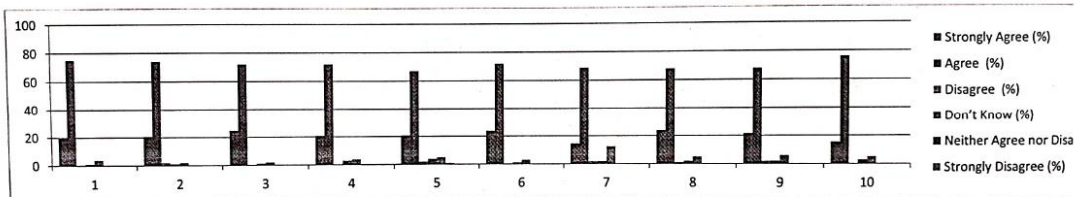
Action taken by HOD

Suggestion have been taken from students, alumni, industries and research institutions to made changes in the syllabi content to create a balance between theory and practical and implement the same during designing the course content for bachelor's degree.

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
Department of Food Science and Technology

Student Feedback Performance

Questions	Number of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know (%)	Neither Agree nor Disagree (%)	Strongly Disagree (%)
Content of Syllabus of the Courses is relevant.	97	19.58	75.25	0	1.03	4.12	0
Syllabus meets course outcomes	97	20.61	74.22	2.06	1.03	2.06	0
Topics are in proper sequence in the syllabus	97	24.74	72.16	0	1.03	2.06	0
Content included in each unit is up-to-date and balanced	97	20.61	72.16	0	3.09	4.12	0
Adequate no of text and reference books mentioned	97	20.61	67.01	2.06	4.12	5.15	1.03
Lecture (L), Tutorials (T) and Practical's (P) allotted in the course are appropriate	97	23.71	72.16	0	1.03	3.09	0
Curriculum helps you to prepare for relevant national level examinations (GATE/GPAT/NET etc.)	97	14.43	69.07	2.06	2.06	12.37	0
Curriculum provides you the opportunity for improving your thinking ability and innovativeness	97	23.71	68.04	1.03	2.06	5.15	0
Curriculum provides you the opportunity for improving your employment skills	97	21.64	68.04	2.06	2.06	6.18	0
Syllabus prompts to explore more in the subject area.	97	15.46	76.28	0	3.09	5.15	0




Analysis:
 Observation of feedback analysis committee
 Content of Syllabus of the Courses is relevant and meet with course outcomes. The distribution of course in regard Lecture, tutorials and practical's is appropriate. We have observed that the students are not able to decide the relevancy of the content with NET and GATE examination.

[Signature]
 HOD

[Signature]
 Faculty 1

[Signature]
 Faculty 2

Action taken by HOD
 Effective actions were taken to aware students about requirement of NET and GATE examinations and suggestions from industry and academic experts were incorporated to increased the relevancy of the content.



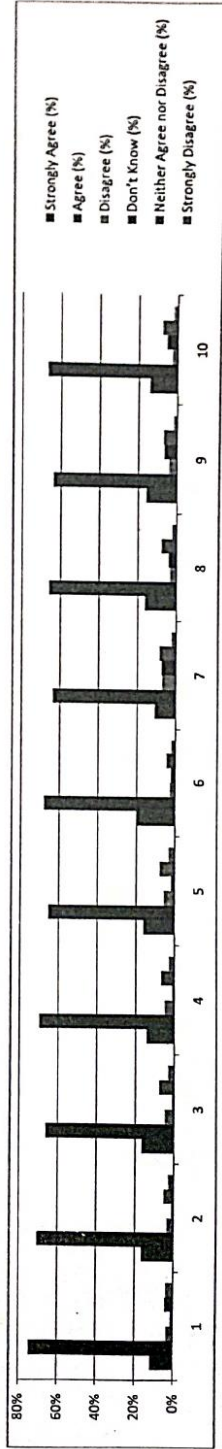
STAKEHOLDER FEEDBACK ON CURRICULUM: SURVEY, ANALYSIS & ACTION TAKEN

- 1.STUDENTS**
- 2.FACULTY**
- 3.ALMUNI**
- 4.PARENTS**
- 5.EMPLOYER**

DEPARTMENT OF MATHEMATICS, MRSPTU

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
 Department of Mathematics
 Student Feedback on Curriculum

Questions	Number of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know (%)	Neither Agree nor Disagree (%)	Strongly Disagree (%)
Content of Syllabi of the Courses is relevant.	156	12%	73%	4%	1%	4%	4%
Syllabus meets course outcomes	156	17%	70%	3%	1%	5%	3%
Topics are in proper sequence in the syllabus	156	17%	66%	5%	1%	8%	3%
Content included in each unit is up-to-date and balanced	156	14%	70%	5%	1%	7%	3%
Adequate no of text and reference books mentioned	156	16%	65%	6%	2%	8%	3%
Lecture (L), Tutorials (T) and Practicals (P) allotted in the course are appropriate	156	20%	68%	3%	2%	4%	2%
Curriculum helps you to prepare for relevant national level examinations (GATE/GPAT/NET etc.)	156	11%	64%	7%	7%	9%	2%
Curriculum provides you the opportunity for improving your thinking ability and innovativeness	156	16%	66%	3%	4%	8%	2%
Curriculum provides you the opportunity for improving your employment skills	156	16%	64%	4%	7%	7%	2%
Syllabus prompts to explore more in the subject area.	156	14%	67%	3%	6%	8%	2%



Analysis:
 Observation of feedback analysis committee

In general feedback by students is positive.

Kamruti
 HOD

Mamta
 Faculty 1

Poojain
 Faculty 2

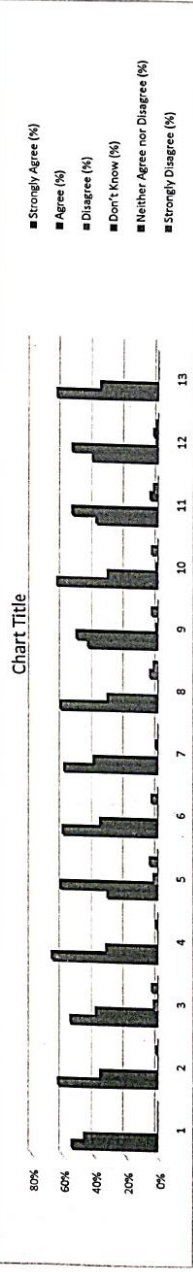
Action taken by HOD

No action is required as large number of students have given positive feedback.

Kamruti

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
Department of Mathematics
Faculty Feedback of curriculum.

Questions	Number of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know (%)	Neither Agree nor Disagree (%)	Strongly Disagree (%)
Content of the syllabus is in line with the program educational objectives.	13	54%	46%	0%	0%	0%	0%
Syllabus is in line with the Course objectives and course outcomes.	13	63%	36%	0%	0%	1%	0%
Syllabus has good balance between theory and practical applications.	13	55%	39%	3%	0%	4%	0%
Course content stimulate my interest and engagement in the subject area.	13	66%	33%	0%	0%	1%	0%
Contents of the syllabus are properly arranged as per Bloom's Taxonomy.	13	31%	61%	3%	0%	5%	0%
Syllabus motivate students for further research and project related activities.	13	60%	36%	0%	0%	4%	0%
Contents of the course are in conformity with the learning outcomes.	13	59%	40%	0%	1%	0%	0%
Contents of the syllabus are in tune with the UGCNET/CSIR/GPAT/GATE examinations.	13	61%	31%	0%	0%	5%	3%
Syllabus motivates students for self-learning.	13	44%	51%	1%	0%	4%	0%
Contact hours proposed in the curriculum matches the contents.	13	64%	31%	1%	0%	4%	0%
Learning outcomes of the syllabus are in line with various accreditation body requirements.	13	39%	54%	0%	5%	3%	0%
Curriculum has potential for skill development/employment/entrepreneurship.	13	41%	54%	1%	3%	1%	0%
Opinion of the faculty members are taken in to account during syllabus revision.	13	64%	36%	0%	0%	0%	0%



Analysis:
 Observation of feedback analysis committee

The feedback given by faculty members is good.

Kamshi
 HOD

Kamshi
 Faculty I

Kamshi
 Faculty 2

Action taken by HOD

No action is required.

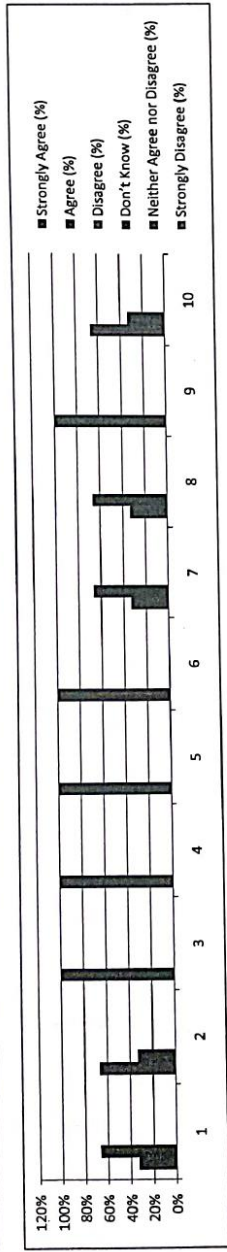
Kamshi

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA

Department of Mathematics

Employ Feedback on Curriculum

Questions	Number of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know (%)	Neither Agree nor Disagree (%)	Strongly Disagree (%)
I am satisfied with the technical skills of the employee.	3	33%	67%	0%	0%	0%	0%
The employee is adaptable to changing technology.	3	67%	33%	0%	0%	0%	0%
Curriculum has the scope for development of requisite skills among the students.	3	100%	0%	0%	0%	0%	0%
Current syllabus is as per the National and global standards.	3	100%	0%	0%	0%	0%	0%
Curriculum focuses on the development of a dynamic personality.	3	100%	0%	0%	0%	0%	0%
Curriculum meets needs of industry/educational set up.	3	100%	0%	0%	0%	0%	0%
Curriculum inculcates the professional ethics among the students.	3	33%	67%	0%	0%	0%	0%
Curriculum designed for the programme is up-to-date as per the latest trends of industry.	3	33%	67%	0%	0%	0%	0%
Curriculum has the scope of developing team spirit and leadership qualities among the students.	3	100%	0%	0%	0%	0%	0%
The Curriculum is relevant as per the industrial needs.	3	67%	33%	0%	0%	0%	0%



Analysis:
Observation of feedback analysis committee

The feedback of employees to our former students is very good.

Kamrishi
HOD

Faculty 1

Nulov
Faculty 2

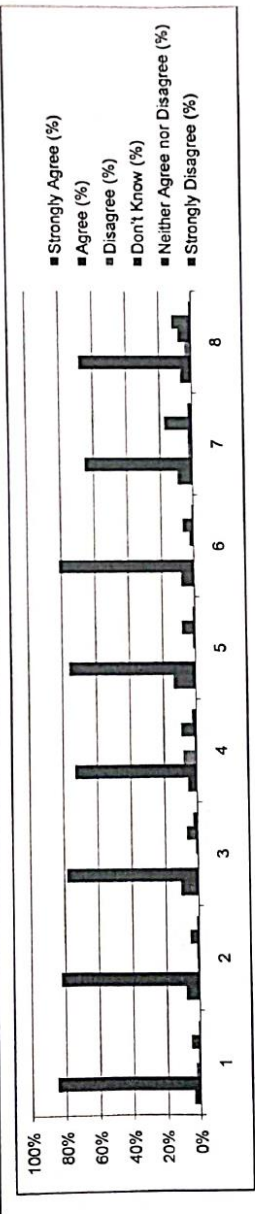
Action taken by HOD

No action is required as feedback is very good.

Kamrishi

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
Department of Mathematics
Parents Feedback on Curriculum

Questions	Number of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know (%)	Neither Agree nor Disagree (%)	Strongly Disagree (%)
Extent of curriculum according to course duration is sufficient.	75	4%	85%	3%	1%	5%	1%
Lecture (L), tutorials (T) and practicals (P) allotted in the course are adequate.	75	8%	81%	1%	1%	5%	1%
There is a balance between theory and practical in the curriculum.	75	11%	79%	0%	1%	7%	3%
The books prescribed/listed as reference materials are relevant, updated, appropriate and adequate.	75	5%	73%	8%	1%	9%	3%
Curriculum provides opportunity for improving thinking skills.	75	13%	76%	0%	1%	8%	1%
Curriculum provides focus on skill development /employability/ entrepreneurship.	75	8%	81%	0%	3%	7%	1%
Curriculum helps to prepare for national level examination.	75	9%	65%	3%	3%	17%	3%
Curriculum focuses to develop ability to compete at National/International levels.	75	7%	68%	4%	8%	12%	1%



Analysis:
Observation of feedback analysis committee

Feedback is good in general but in some particular points like point 3 parents have strongly agreed but in point 7 some parents neither agreed nor disagreed.

Kamini
HOD

Mamhi
Faculty 1

Pradeep
Faculty 2

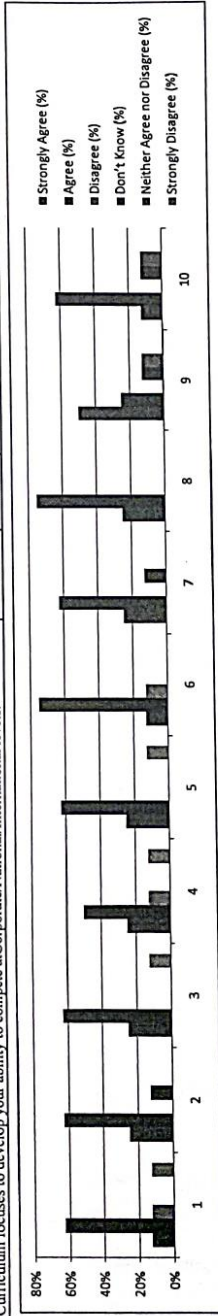
Action taken by HOD

The parents were contacted for point no 7 and were explained about the point. It was noticed that many parents were confused about this.

Kamini

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
Department of Mathematics
Alumni Feedback on Curriculum

Questions	Number of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know (%)	Neither Agree nor Disagree (%)	Strongly Disagree (%)
Curriculum of the programme was explicit and well defined.	8	13%	63%	13%	0%	0%	13%
Curriculum was relevant and helpful for your career.	8	25%	63%	0%	13%	0%	0%
An adequate and up-to-date references for study materials were available in the syllabus.	8	25%	63%	0%	0%	0%	13%
Lecture (L), tutorials (T) and practicals (P) allotted in the course were adequate.	8	25%	50%	13%	0%	0%	13%
I feel satisfied with the curriculum.	8	25%	63%	0%	0%	0%	13%
Theory and practicals were well balanced in the curriculum.	8	13%	75%	13%	0%	0%	0%
Content helped you to develop basic understanding needed to apply in available career option.	8	25%	63%	0%	13%	0%	0%
Curriculum provided you the opportunity for improving your thinking skills, technical skills, employment/entrepreneurship skills.	8	25%	75%	0%	0%	0%	0%
Curriculum helped you to prepare for National level examinations like UGC-NET/GATE/IGPAT etc.	8	50%	25%	0%	13%	13%	0%
Curriculum focuses to develop your ability to compete at Corporate/National/International levels.	8	13%	63%	0%	13%	13%	0%



Analysis:
Observation of feedback analysis committee

The feedback of alumni seems to be good as all the aspects, former student have given the feedback.

Kamsh
HOD

Faculty 1

Faculty 2

The report is positive, so no action is required.

Kamsh

A thick dark blue vertical bar is positioned on the left side of the page. From the bottom of this bar, several thin, light blue lines curve upwards and outwards, creating an abstract, grass-like or reed-like pattern.

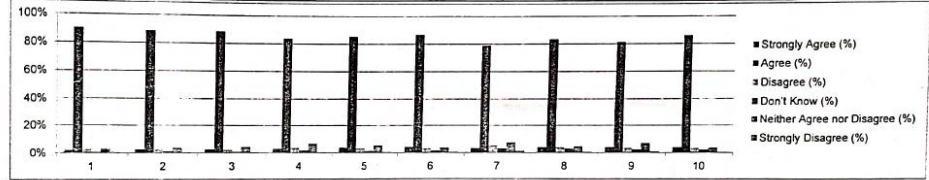
STAKEHOLDER FEEDBACK ON CURRICULUM: SURVEY, ANALYSIS & ACTION TAKEN

- 1.STUDENTS**
- 2.FACULTY**
- 3.ALMUNI**
- 4.PARENTS**
- 5.EMPLOYER**

**DEPARTMENT OF MECHANICAL ENGINEERING,
GZSCCET, MRSPTU**

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
 Department of Mechanical Engineering
 Students Feedback Performa

Questions	Number of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know (%)	Neither Agree nor Disagree (%)	Strongly Disagree (%)
Content of Syllabi of the Courses is relevant.	774	2%	90%	3%	1%	3%	1%
Syllabus meets course outcomes	774	3%	89%	3%	1%	4%	1%
Topics are in proper sequence in the syllabus	774	3%	89%	2%	1%	5%	1%
Content included in each unit is up-to-date and balanced	774	3%	84%	4%	2%	7%	1%
Adequate no of text and reference books mentioned	774	4%	85%	3%	1%	6%	1%
Lecture (L), Tutorials (T) and Practicals (P) allotted in the course are appropriate	774	4%	87%	3%	1%	4%	1%
Curriculum helps you to prepare for relevant national level examinations (GATE/SPAT/NET etc.)	774	3%	79%	6%	3%	8%	1%
Curriculum provides you the opportunity for improving your thinking ability and innovativeness	774	4%	83%	4%	3%	5%	1%
Curriculum provides you the opportunity for improving your employment skills	774	4%	81%	4%	3%	7%	1%
Syllabus prompts to explore more in the subject area.	774	4%	86%	3%	2%	4%	1%



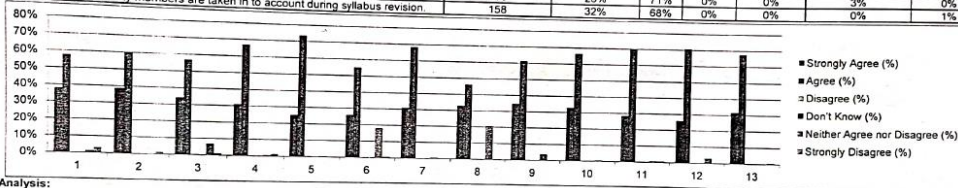
Analysis:
 Observation of feedback analysis committee
 - 90% of the students Agree with Content of the Syllabi of the courses
 - 89% of the students Agree with the syllabus most content topics are in proper sequence
 - more than 80% students agree that curriculum helps to prepare National Level exams, improve thinking ability and employment skills.

Action taken by HOD: *[Signature]*
 Faculty 1: *[Signature]*
 Faculty 2: *[Signature]*

Revision of Syllabi of some subjects will be done to meet the latest requirements of *[Signature]*
[Signature] 15/11/2019

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
Department of Mechanical Engineering
Faculty Feedback Performance

Questions	Number of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know (%)	Neither Agree nor Disagree (%)	Strongly Disagree (%)
Content of the syllabus is in line with the program educational objectives.	158	38%	58%	0%	0%	1%	3%
Syllabus is in line with the Course objectives and course outcomes.	158	39%	60%	0%	0%	1%	1%
Course content stimulate my interest and engagement in the subject area.	158	34%	57%	1%	0%	7%	1%
Contents of the syllabus are properly arranged as per Bloom's Taxonomy.	158	25%	73%	1%	0%	1%	0%
Syllabus motivate students for further research and project related activities.	158	26%	55%	0%	0%	18%	1%
Contents of the course are in conformity with the learning outcomes.	158	31%	68%	0%	0%	1%	0%
Contents of the syllabus are in tune with the UGCNET/CSIR/GPAT/GATE examinations.	158	33%	46%	0%	0%	21%	0%
Syllabus motivates students for self-learning.	158	35%	61%	0%	0%	4%	0%
Contact hours proposed in the curriculum matches the contents.	158	33%	66%	0%	0%	1%	0%
Learning outcomes of the syllabus are in line with various accreditation body requirements.	158	28%	70%	0%	0%	1%	1%
Curriculum has potential for skill development/employment/entrepreneurship.	158	28%	71%	0%	0%	3%	0%
Opinion of the faculty members are taken in to account during syllabus revision.	158	32%	68%	0%	0%	0%	1%



Analysis:

Observation of feedback analysis committee

- More than 38% of faculty is strongly Agree that the syllabus is in line with the program educational objectives.
- 73% of faculty agree that the syllabus is in line with the course objectives and course outcomes.
- 33% of faculty strongly agree and 66% of faculty agree that the syllabus is in line with various accreditation body requirements.
- 68% of faculty agree that their opinion is taken during syllabus revision.

Action taken by HOD

[Signature]
HOD

[Signature]
Faculty 1

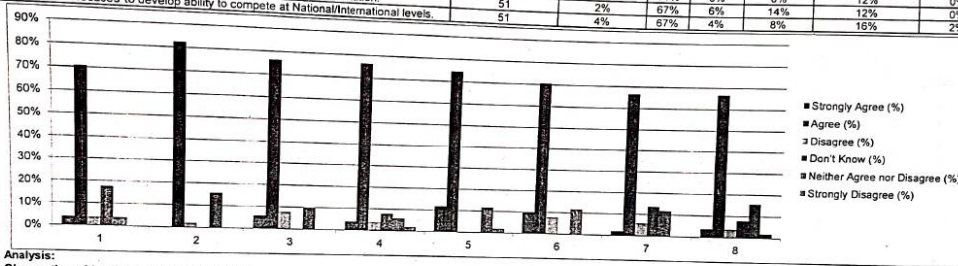
[Signature]
Faculty 2

As per feedback from faculty most of the syllabus is agreed but for 100% achievement syllabus will be revised acc. to requirement *[Signature]* 15/11/21

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
 Department of Mechanical Engineering
 Parents Feedback Performa

(33)

Questions	Number of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know (%)	Neither Agree nor Disagree (%)	Strongly Disagree (%)
Extent of curriculum according to course duration is sufficient.	51	4%	71%	4%	18%	4%	0%
Lecture (L), tutorials (T) and practicals (P) allotted in the course are adequate.	51	0%	82%	2%	0%	16%	0%
There is a balance between theory and practical in the curriculum.	51	6%	76%	8%	0%	10%	0%
The books prescribed/listed as reference materials are relevant, updated, appropriate and adequate.	51	4%	76%	4%	8%	6%	2%
Curriculum provides opportunity for improving thinking skills.	51	12%	75%	0%	0%	12%	2%
Curriculum provides focus on skill development /employability/ entrepreneurship.	51	10%	71%	8%	0%	12%	0%
Curriculum helps to prepare for national level examination.	51	2%	67%	6%	14%	12%	0%
Curriculum focuses to develop ability to compete at National/International levels.	51	4%	67%	4%	8%	16%	2%



Analysis:

Observation of feedback analysis committee

- 71% of parent's agree that curriculum is according to course duration.
- 82% of parent's agree that L.T.P are adequately allotted.
- 75% of parent's agree that curriculum provides opportunity for improving thinking skills.
- 67% of parent's agree that curriculum helps to prepare national level examination.

Action taken by HOD


HOD

Faculty 1

Faculty 2

Most of the parents agreed with the curriculum and some of the parents are not agreed to get 100% satisfaction of parents suggestions will be taken in future.

21/11/21
 15/11/21

A thick dark blue vertical bar is positioned on the left side of the page. In the bottom-left corner, there are several thin, light blue curved lines that sweep upwards and to the right, resembling stylized grass or reeds.

STAKEHOLDER FEEDBACK ON CURRICULUM: SURVEY, ANALYSIS & ACTION TAKEN

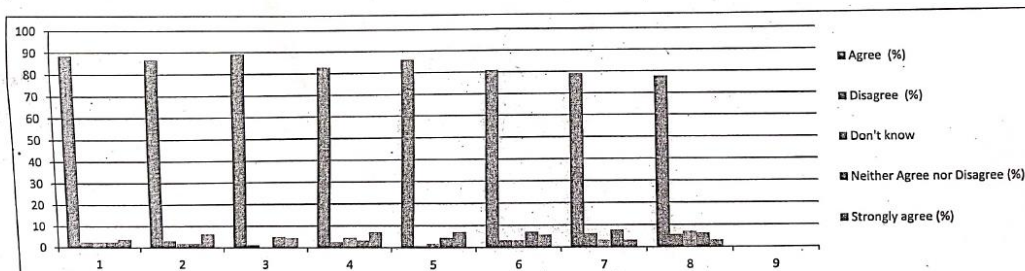
- 1.STUDENTS**
- 2.FACULTY**
- 3.ALMUNI**
- 4.PARENTS**
- 5.EMPLOYER**

**DEPARTMENT OF PHARMACEUTICAL SCIENCES
AND TECHNOLOGY, MRSPTU**

Maharaja Ranjit Singh Punjab Technical University, Bathinda
Department of Pharmaceutical Sciences & Technology

Parents Feedback Performance

Questions	Number of Responses	Agree (%)	Disagree (%)	Don't know	Neither Agree nor Disagree (%)	Strongly agree (%)
1 Extent of curriculum according to course duration is sufficient.	157	88.5	2.54	2.54	2.54	3.82
2 Lecture (L), tutorials (T) and practicals (P) allotted in the course are adequate.	157	86.62	3.18	1.91	1.91	6.36
3 There is a balance between theory and practical in the curriculum.	157	89.17	1.27		5.09	4.45
4 The books prescribed/listed as reference materials are relevant, updated, appropriate and adequate.	157	82.8	2.54	4.45	3.18	7
5 Curriculum provides opportunity for improving thinking skills.	157	85.98	0.63	1.91	4.45	7
6 Curriculum provides focus on skill development /employability/ entrepreneurship.	157	80.89	3.18	3.18	7	5.7
7 Curriculum helps to prepare for national level examination.	157	78.98	6.36	3.184	7.64	3.184
8 Curriculum focuses to develop ability to compete at National/International levels.	157	77.7	5.7	7	6.36	3.18
9 Any other comments/suggestions	157					



Analysis:
 Observation of feedback analysis committee

Based on the responses it looks to overall improvement in personality of the students to face the upcoming challenges.

taken by HOD


HOD

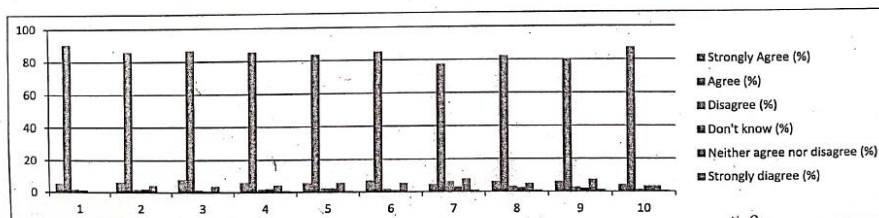

Faculty 1


Faculty 2

Special classes for personality development/quality aptitude by Spring 4
Placement dept not being conducted from the current session.

Maharaja Ranjit Singh Punjab Technical University, Bathinda
Department of Pharmaceutical Sciences & Technology
Student Feedback Performa

Sr. no.	Questions	Number of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know (%)	Neither Agree nor Disagree (%)	Strongly Disagree (%)
1	Content of Syllabus of the Courses is relevant.	305	5.57	90.4	1.63	1.31	0	0
2	Syllabus meets course outcomes	305	6.22	85.9	1.63	1.98	4.26	0
3	Topics are in proper sequence in the syllabus	305	7.86	86.55	1.31	0.65	3.6	0
4	Content included in each unit is up-to-date and balanced	305	5.90	85.5	1.63	1.96	4.26	0.65
5	Adequate no of text and reference books mentioned	305	5.57	83.6	2.29	2.29	5.57	0.65
6	Lecture (L), Tutorials (T) and Practical's (P) allotted in the course are appropriate	305	6.88	84.9	1.63	0.98	5.24	0.32
7	Curriculum helps you to prepare for relevant national level examinations (GATE/GPAT/NET etc.)	305	4.5	77.3	6.22	02.9	7.86	0.98
8	Curriculum provides you the opportunity for Improving your thinking ability and innovativeness	305	6.22	82.2	3.27	2.29	4.91	0.98
9	Curriculum provides you the opportunity for Improving your employment skills	305	6.22	80.3	2.62	1.96	7.5	1.31
10	Syllabus prompts to explore more in the subject area.	305	4.26	87.2	1.31	3.27	3.27	0.65



Analysis:
Observation of feedback analysis committee

Based on the current feedback preparations regarding competitive national level examinations to be taken care.


HOD


Faculty 1

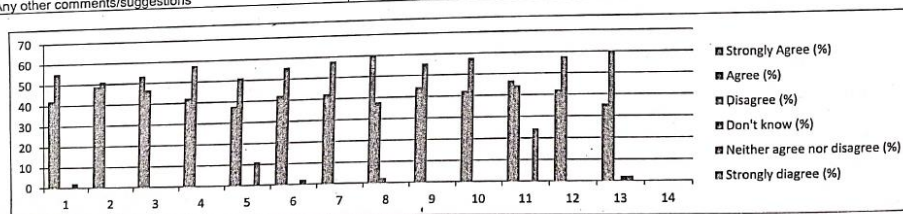

Faculty 2

Action taken by HOD

Students provided with relevant material for the preparation of GPAT examinations & faculty advised to interact with the students for any related issues.

Maharaja Ranjit Singh Punjab Technical University, Bathinda
 Department of Pharmaceutical Sciences & Technology
 Faculty Feedback Performance

S. no.	Questions	No. of responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't know (%)	Neither agree nor disagree (%)	Strongly disagree (%)
1	Content of the syllabus is in line with the program educational objectives.	45	42.22	55.55			2.22	
2	Syllabus is in line with the Course objectives and course outcomes.	45	48.88	51.11				
3	Syllabus has good balance between theory and practical applications.	45	53.33	46.66				
4	Course content stimulate my interest and engagement in the subject area.	45	42.22	57.77				
5	Contents of the syllabus are properly arranged as per Bloom's Taxonomy.	45	37.77	51.11			11.11	
6	Syllabus motivate students for further research and project related activities.	45	42.22	55.55			2.22	
7	Contents of the course are in conformity with the learning outcomes.	45	42.22	57.77				
8	Contents of the syllabus are in tune with the UGCNET/CSIR/GPAT/GATE examinations.	45	60	37.77	2.22			
9	Syllabus motivates students for self-learning.	45	44.44	55.55				
10	Contact hours proposed in the curriculum matches the contents.	45	42.22	57.77				
11	Learning outcomes of the syllabus are in line with various accreditation body requirements.	45	46.66	44.44			24.44	
12	Curriculum has potential for skill development/employment/entrepreneurship.	45	42.22	57.77				
13	Opinion of the faculty members are taken in to account during syllabus revision.	45	35.55	60		2.22	2.22	
14	Any other comments/suggestions	45						



Observation of feedback analysis committee

Overall report is satisfactory, issue was identified to be similar as discussed in other feedback about GPAT

Action taken by HOD  Faculty 1  Faculty 2 

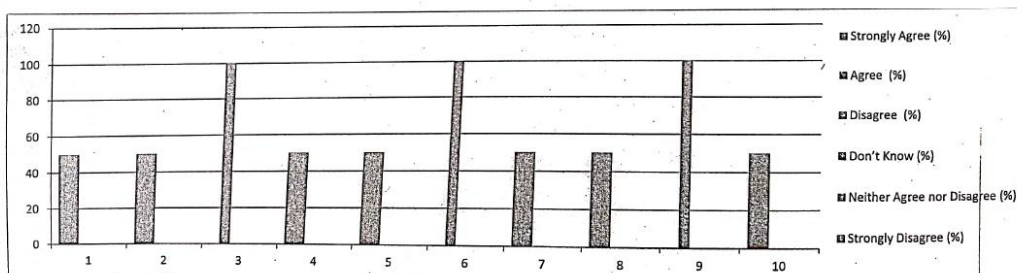
Faculty Development programs were conducted, the more trainings shall be provided in future. Faculty is motivated to help the students in national level examination.



Maharaja Ranjit Singh Punjab Technical University, Bathinda
 Department of Pharmaceutical Sciences & Technology

Employer Feedback Performa

Sr. no.	Questions	Number of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know (%)	Neither Agree nor Disagree (%)	Strongly Disagree (%)
1	I am satisfied with the technical skills of the employee.	2	50	50	0	0	0	0
2	The employee is adaptable to changing technology.	2	50	50	0	0	0	0
3	Curriculum has the scope for development of requisite skills among the students.	2	100	0	0	0	0	0
4	Current syllabus is as per the National and global standards.	2	50	50	0	0	0	0
5	Curriculum focuses on the development of a dynamic personality.	2	50	50	0	0	0	0
6	Curriculum meets needs of industry/educational set up.	2	100	0	0	0	0	0
7	Curriculum inculcates the professional ethics among the students.	2	50	50	0	0	0	0
8	Curriculum designed for the programme is up-to-date as per the latest trends of industry.	2	50	50	0	0	0	0
9	Curriculum has the scope of developing team spirit and leadership qualities among the students.	2	100	0	0	0	0	0
10	The Curriculum is relevant as per the industrial needs.	2	50	50	0	0	0	0



of feedback analysis committee:

Technical skills / class delivery of employees needs to be improved & efforts on individual basis to be taken.

Action taken by HOD


HOD


Faculty 1

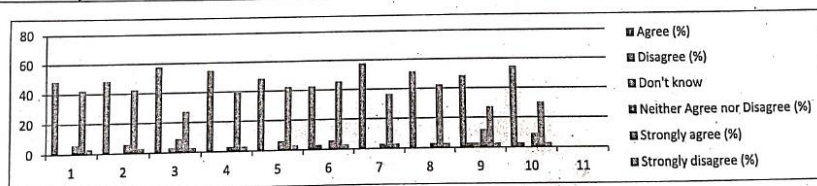

Faculty 2

Faculty development program was organized to improve knowledge base & cognitive learning of the faculty and all faculty advised prepare & deliver their classes systematically. preplanned lesson plans were taken from the faculty members & the same is communicated to the students.

Maharaja Ranjit Singh Punjab Technical University, Bathinda
Department of Pharmaceutical Sciences & Technology

Alumni Feedback Performance

Questions	Number of Responses	Agree (%)	Disagree (%)	Don't know	Neither Agree nor Disagree (%)	Strongly agree (%)	Strongly disagree (%)
1 Curriculum of the programme was explicit and well defined.	33	48.48	0	0	6.06	42.42	3.03
2 Curriculum was relevant and helpful for your career.	33	48.48	0	0	6.06	42.42	3.03
3 An adequate and up-to-date references for study materials were available in the syllabus.	33	57.57	0	3.03	9.09	27.27	3.03
4 Lecture (L), tutorials (T) and practicals (P) allotted in the course were adequate.	33	54.54			3.03	39.39	3.03
5 I feel satisfied with the curriculum.	33	48.48	0	0	6.06	42.42	3.03
6 Theory and practicals were well balanced in the curriculum.	33	42.42	3.03	0	6.06	45.45	3.03
7 Content helped you to develop basic understanding needed to apply in available career option.	33	57.57	0	0	3.03	42.42	3.03
8 Curriculum provided you the opportunity for improving your thinking skills, technical skills, employment/ entrepreneurship skills.	33	51.51	0	0	3.03	42.42	3.03
9 Curriculum helped you to prepare for National level examinations like UGC-NET/GATE/GPAT etc.	33	48.48	3.03	3.03	12.12	27.27	3.03
10 Curriculum focuses to develop your ability to compete at Corporate/National/International levels.	33	54.54	3.03	0	9.09	30.3	3.03
11 Any other comments/suggestions							



ENGLISH PUNJAB
DEPT OF PHYS
CURRICULUM
AL
Date:
Observation of feedback analysis committee

As detailed in student/parent feedback major points identified as national level examination & the personality development.


Action taken by HOD

[Signature]
HOD

[Signature]
Faculty 1

[Signature]
Faculty 2

Actions regarding the same were taken - classes for PD and sufficient material regarding GPAT being provided to the students.



STAKEHOLDER FEEDBACK ON CURRICULUM: SURVEY, ANALYSIS & ACTION TAKEN

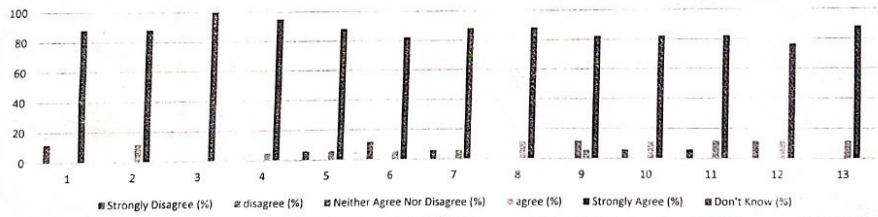
- 1.STUDENTS**
- 2.FACULTY**
- 3.ALMUNI**
- 4.PARENTS**
- 5.EMPLOYER**

DEPARTMENT OF PHYSICS, MRSPTU

**MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
DEPARTMENT OF PHYSICS
FACULTY FEEDBACK ON CURRICULUM**

S. No.	Statements	No. of Responses	Strongly Disagree (%)	Disagree (%)	Neither Agree Nor Disagree (%)	Agree (%)	Strongly Agree (%)	Don't Know (%)
1	Content of the syllabus is in line with the program educational objectives.	17	11.76	0.00	0.00	0.00	88.23	0.00
2	Syllabus is in line with the Course objectives and course outcomes.	17	0.00	0.00	0.00	11.76	88.23	0.00
3	Syllabus has good balance between theory and practical applications.	17	0.00	0.00	0.00	0.00	100	0.00
4	Course content stimulate my interest and engagement in the subject area.	17	0.00	0.00	0.00	5	95	0.00
5	Contents of the syllabus are properly arranged as per Bloom's Taxonomy.	17	5.88	0.00	0.00	5.88	88.23	0.00
6	Syllabus motivate students for further research and project related activities.	17	11.76	0.00	0.00	5.88	82.35	0.00
7	Contents of the course are in conformity with the learning outcomes.	17	5.88	0.00	0.00	5.88	88.23	0.00
8	Contents of the syllabus are in tune with the UGCNET/CSIR/GPAT/GATE examinations.	17	0.00	0.00	0.00	11.76	88.23	0.00
9	Syllabus motivates students for self-learning.	17	0.00	0.00	11.76	5.88	82.32	0.00
10	Contact hours proposed in the curriculum matches the contents.	17	5.88	0.00	0.00	11.76	82.35	0.00
11	Learning outcomes of the syllabus are in line with various accreditation body requirements.	17	5.88	0.00	0.00	11.76	82.35	0.00
12	Curriculum has potential for skill development/employment/entrepreneurship.	17	11.76	0.00	0.00	11.76	76.48	0.00
13	Opinion of the faculty members are taken in to account during syllabus revision.	17	0.00	0.00	0.00	11.76	88.24	0.00

Faculty Responses Physics



Analysis: Observations of feedback analysis committee: Majority of the responses indicated the response on Strongly Agree and agree

HOD/IN CHARGE

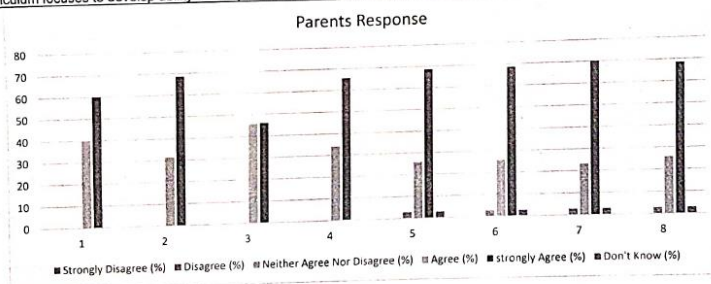
FACULTY 1

FACULTY 2

Action Taken by HOD: points noted to discuss the department meeting and BOC meeting.

**MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
DEPARTMENT OF PHYSICS
PARENTS FEEDBACK ON CURRICULUM**

S. No.	Statements	No. of Responses	Strongly Disagree (%)	Disagree (%)	Neither Agree Nor Disagree (%)	Agree (%)	strongly Agree (%)	Don't Know (%)
1	Extent of curriculum according to course duration is sufficient.	35	0.00	0.00	0	40.00	60.00	0.00
2	Lecture (L), tutorials (T) and practicals (P) allotted in the course are adequate.	35	0.00	0.00	0	31.42	68.57	0.00
3	There is a balance between theory and practical in the curriculum.	35	0.00	0.00	0.28	45.71	45.99	0.00
4	The books prescribed/listed as reference materials are relevant, updated, appropriate and adequate.	35	0.00	0.00	0.00	34.30	65.70	0.00
5	Curriculum provides opportunity for improving thinking skills.	35	0.00	0.00	2.88	25.71	68.57	2.88
6	Curriculum provides focus on skill development /employability/ entrepreneurship.	35	0.00	0.00	2.88	23.10	70.00	2.88
7	Curriculum helps to prepare for national level examination.	35	0.00	0.00	2.88	25.71	68.57	2.88
8	Curriculum focuses to develop ability to compete at National/International levels.	35	0.00	0.00	2.88	25.71	68.57	2.88



Analysis: Observations of feedback analysis committee: Majority of the responses indicated the response on strongly Agree and agree

[Signature]
HOD/INCHARGE

[Signature]
FACULTY 1

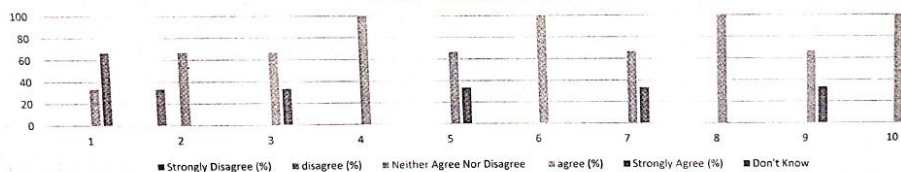
[Signature]
FACULTY 2

Action Taken by HOD: points noted to discuss the department meeting and BOC meeting.

**DEPARTMENT OF PHYSICS
EMPLOYER FEEDBACK ON CURRICULUM**

s. no	statements	No. of Responses	Strongly Disagree (%)	Disagree (%)	Neither Agree Nor Disagree (%)	Agree (%)	Strongly Agree (%)	Don't Know (%)
1	I am satisfied with the technical skills of the employee.	3	0.00	0.00	0.00	33.33	66.67	0.00
2	The employee is adaptable to changing technology.	3	0.00	33.33	0.00	66.67	0.00	0.00
3	Curriculum has the scope for development of requisite skills among the students.	3	0.00	0.00	0.00	66.67	33.33	0.00
4	Current syllabus is as per the National and global standards.	3	0.00	0.00	0.00	100	0.00	0.00
5	Curriculum focuses on the development of a dynamic personality.	3	0.00	0.00	0.00	66.67	33.33	0.00
6	Curriculum meets needs of industry/educational set up.	3	0.00	0.00	0.00	100	0.00	0.00
7	Curriculum inculcates the professional ethics among the students.	3	0.00	0.00	0.00	66.67	33.33	0.00
8	Curriculum designed for the programme is up-to-date as per the latest trends of industry.	3	0.00	0.00	0.00	100.00	0.00	0.00
9	Curriculum has the scope of developing team spirit and leadership qualities among the students.	3	0.00	0.00	0.00	66.67	33.33	0.00
10	The Curriculum is relevant as per the industrial needs.	3	0.00	0.00	0.00	100	0.00	0.00

Employer Feedback Responses



Analysis: Observations of feedback analysis committee: Majority of the responsis indicated the response on Agree and strongly agree

[Signature]
HOD/INCHARGE

[Signature]
FACULTY 1

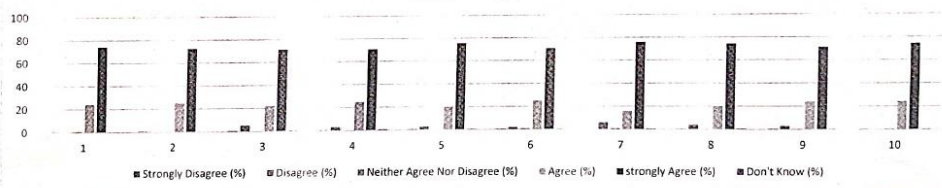
[Signature]
FACULTY 2

Action Taken by HOD: ponits noted to discuss the department meeting and BOC meeting.

**MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
DEPARTMENT OF PHYSICS
STUDENTS FEEDBACK ON CURRICULUM**

S. No.	Statements	No. of Responses	Strongly Disagree (%)	Disagree (%)	Neither Agree Nor Disagree (%)	Agree (%)	strongly Agree (%)	Don't Know (%)
1	Content of Syllabi of the Courses is relevant.	514	0.58	0.00	0.77	24.34	74.31	0.00
2	Syllabus meets course outcomes	514	0.77	0.19	0.19	26.48	72.37	0.38
3	Topics are in proper sequence in the syllabus	514	0.65	5.15	0.20	22.57	71.43	0.45
4	Content included in each unit is up-to-date and balanced	514	0.54	3.09	0.33	24.96	70.85	0.67
5	Adequate no of text and reference books mentioned	514	0.64	3.09	0.33	19.72	75.67	0.56
6	Lecture (L), Tutorials (T) and Practicals (P) allotted in the course are appropriate	514	0.44	2.07	0.91	25.06	70.88	0.65
7	Curriculum helps you to prepare for relevant national level examinations (GATE/GPAT/NET etc.)	514	0.42	6.21	0.87	15.99	75.89	0.64
8	Curriculum provides you the opportunity for improving your thinking ability and innovativeness	514	0.56	4.92	0.35	20.01	74.22	0.74
9	Curriculum provides you the opportunity for improving your employment skills	514	0.51	3.09	0.96	24.06	71.22	0.56
10	Syllabus prompts to explore more in the subject area.	514	0.54	0.00	0.45	24.18	74.32	0.51

Student Response



Analysis: Observations of feedback analysis committee: Majority of the responsis indicated the response on strongly agree and agree

[Signature]
HOD/IN CHARGE

[Signature]
FACULTY 1

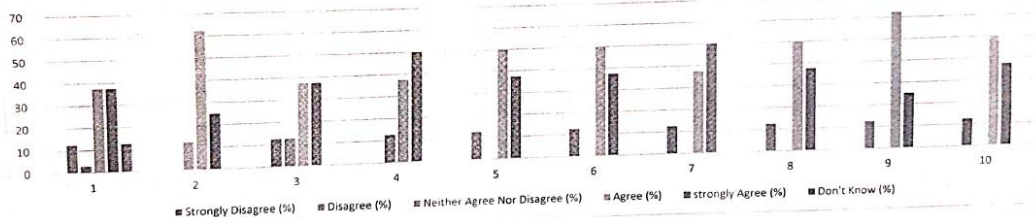
[Signature]
FACULTY 2

Action Taken by HOD: ponits noted to discuss the department meeting and BOC meeting.

**MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
DEPARTMENT OF PHYSICS
ALUMNI FEEDBACK ON CURRICULUM**

S. No.	Statements	No. of Responses	Strongly Disagree (%)	Disagree (%)	Neither Agree Nor Disagree (%)	Agree (%)	Strongly Agree (%)	Don't Know (%)
1	Curriculum of the programme was explicit and well defined.	8	0.00	12.5	2.94	37.50	37.50	12.5
2	Curriculum was relevant and helpful for your career.	8	0.00	0.00	12.5	62.50	25.00	0.00
3	An adequate and up-to-date references for study materials were available in the syllabus.	8	0.00	12.50	12.5	37.50	37.50	0.00
4	Lecture (L), tutorials (T) and practical (P) allotted in the course were adequate.	8	0.00	0.00	12.5	37.50	50	0.00
5	I feel satisfied with the curriculum.	8	0.00	12.50	0.00	50.00	37.50	0.00
6	Theory and practicals were well balanced in the curriculum.	8	0.00	12.50	0.00	50.00	37.50	0.00
7	Content helped you to develop basic understanding needed to apply in available career option.	8	0.00	12.50	0.00	37.50	50.00	0.00
8	Curriculum provided you the opportunity for improving your thinking skills, technical skills, employment/ entrepreneurship skills.	8	0.00	12.50	0.00	50.00	37.50	0.00
9	Curriculum helped you to prepare for National level examinations like UGC-NET/GATE/GPAT etc.	8	0.00	12.50	0.00	62.50	25.00	0.00
10	Curriculum focuses to develop your ability to compete at Corporate/National/International levels.	8	0.00	12.50	0.00	50.00	37.50	0.00

Alumni Response Physics




Analysis: Observations of feedback analysis committee: Majority of the responses indicated the response on Agree and strongly agree

[Signature]
HOD/IN CHARGE

[Signature]
FACULTY 1

[Signature]
FACULTY 2

Action Taken by HOD: points noted to discuss the department meeting and BOC meeting.



**STAKEHOLDER FEEDBACK ON CURRICULUM:
SURVEY, ANALYSIS & ACTION TAKEN: SURVEY,
ANALYSIS & ACTION TAKEN**

- 1.STUDENTS**
- 2.FACULTY**
- 3.ALMUNI**
- 4.PARENTS**
- 5.EMPLOYER**

**DEPARTMENT OF TEXTILE ENGINEERING,
GZSCCET, MRSPTU**



MAHARAJA RAJNIT SINGH PUNJAB TECHNICAL UNIVERSITY, BATHINDA
 GIANI ZAIL SINGH CAMPUS COLLEGE OF ENGINEERING & TECHNOLOGY,
 BATHINDA

Department of Textile Engineering

Parents Feedback Performa

Questions	Number of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know (%)	Neither Agree nor Disagree (%)	Strongly Disagree (%)
Extent of curriculum according to course duration is sufficient	20	5%	75%	10%	5%	5%	0%
Lecture (L), tutorials (T) and practicals (P) allotted in the course are adequate.	20	5%	90%	0%	0%	5%	0%
There is a balance between theory and practical in the curriculum.	20	10%	65%	5%	15%	5%	0%
The books prescribed/listed as reference materials are relevant, updated, appropriate and adequate.	20	0%	65%	15%	10%	10%	0%
Curriculum provides opportunity for improving thinking skills	20	10%	50%	10%	20%	10%	0%
Curriculum provides focus on skill development /employability/ entrepreneurship	20	10%	50%	10%	20%	10%	0%
Curriculum helps to prepare for national level examination.	20	5%	65%	5%	15%	10%	0%
Curriculum focuses to develop ability to compete at National/International levels.	20	5%	45%	10%	20%	20%	0%

Analysis:

Observation of feedback analysis committee

Extent of curriculum according to course duration is sufficient. However, minor improvement is to be done. The distribution of the course in regard to (L T P) is adequate. It has been observed that as far as opportunity for improving thinking skills and employability is concerned more emphasis is required. Mock test and other personality development programme will be conducted.

HOD

Faculty 1

Faculty 2


Training & Placement department, MRSPTU has been strengthen and needful is being done. A separate slot will be provided to the students for guidance to compete at national level examination i.e. GATE etc.

Action taken by HOD

MAHARAJARANJITSINGHPUNJABTECHNICALUNIVERSITY,BATHINDA
 GIANI ZAIL SINGH CAMPUS COLLEGE OF ENGINEERING & TECHNOLOGY, BATHINDA
 Department of Textile Engineering

Questions	Number of Responses	Strongly Agree (%)	Agree (%)	Disagree (%)	Don't Know (%)	Neither Agree nor Disagree (%)	Strongly Disagree (%)
Content of the syllabus is in line with the program educational objectives.	4	75%	25%	0%	0%	0%	0%
Syllabus is in line with the Course objectives and course outcomes.	4	50%	50%	0%	0%	0%	0%
Syllabus has good balance between theory and practical applications.	4	75%	25%	0%	0%	0%	0%
Course content stimulate my interest and engagement in the subject area.	4	100%	0%	0%	0%	0%	0%
Contents of the syllabus are properly arranged as per Bloom's Taxonomy.	4	50%	50%	0%	0%	0%	0%
Syllabus motivate students for further research and project related activities.	4	75%	25%	0%	0%	0%	0%
Contents of the course are in conformity with the learning outcomes.	4	25%	75%	0%	0%	0%	0%
Contents of the syllabus are in tune with the UGCNET/CSIR/GPAT/GATE examinations.	4	75%	25%	0%	0%	0%	0%
Syllabus motivates students for self-learning.	4	75%	25%	0%	0%	0%	0%
Contact hours proposed in the curriculum matches the contents.	4	75%	25%	0%	0%	0%	0%
Learning outcomes of the syllabus are in line with various accreditation body requirements.	4	75%	25%	0%	0%	0%	0%
Curriculum has potential for skill development/employment/entrepreneurship.	4	100%	0%	0%	0%	0%	0%
Opinion of the faculty members are taken in to account during syllabus revision.	4	75%	25%	0%	0%	0%	0%

Analysis:
 Observation of feedback analysis committee



Almost whole of faculty agrees or strongly agrees that syllabus/content is in line with Program educational objectives, Course outcomes and is in tune with GATE examination. Curriculum has potential for skill development and motivates students for further research activities. However, some attention is needed towards arrangement of syllabus as per Bloom's taxonomy.


HOD


Faculty 2


Faculty 1

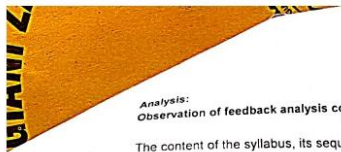
Action Taken by HOD:

Suggestions have been taken from students, alumni, industries and research institutions while framing the course content and setting the objectives and outcomes. In Routine, If any suggestion comes, is discussed in the meetings of Board of control and Board of studies at appropriate time and intervals and finally gets incorporated in the syllabus.

MAHARAJARANJITSINGHPUNJABTECHNICALUNIVERSITY, BATHINDA
GIANI ZAIL SINGH CAMPUS COLLEGE OF ENGINEERING & TECHNOLOGY, BATHINDA
Department of Textile Engineering

Students Feedback on Curriculum

Questions	No. of Responses	Agree %	Disagree %	Don't Know %	Neither Agree nor Disagree %	Strongly Agree %	Strongly Disagree %
Content of Syllabi of the Courses is relevant.	93	82	4	4	3	5	1
Syllabus meets course outcomes	93	85	4	3	5	2	0
Topics are in proper sequence in the syllabus	93	71	7	2	6	8	1
Content included in each unit is up-to-date and balanced	93	76	7	2	14	3	1
Adequate no of text and reference books mentioned	93	74	8	5	9	3	1
Lecture (L), Tutorials (T) and Practicals (P) allotted in the course are appropriate	93	74	2	1	8	12	3
Curriculum helps you to prepare for relevant national level examinations (GATE/GPAT/NET etc.)	93	50	12	5	27	3	3
Curriculum provides you the opportunity for improving your thinking ability and innovativeness	93	75	7	5	6	4	2
Curriculum provides you the opportunity for improving your employment skills	93	73	8	2	10	4	3
Syllabus prompts to explore more in the subject area.	93	74	7	3	11	3	2



**Analysis:
Observation of feedback analysis committee**

The content of the syllabus, its sequencing and outcome is good. The distribution of course in regard to (L T P) is appropriate. We have tried to include the latest development in the curriculum. In BoS members from the industries has been invited to give inputs regarding the needs of the industries.

It has been observed that as far as opportunity for improving thinking skills and employability is concerned more emphasis is required. development programme.

Mock test and other personality development programme will be conducted.


HOD

Faculty1


Faculty2


Faculty 1

Training & Placement department, MRSPTU has been strengthen and needful is being done. A separate slot will be provided to the students for guidance to compete at national level examination i.e. GATE etc.

Action taken by HOD

A thick dark blue vertical bar is positioned on the left side of the page. From the bottom of this bar, several thin, light blue lines curve upwards and outwards, creating an abstract, grass-like or reed-like pattern.

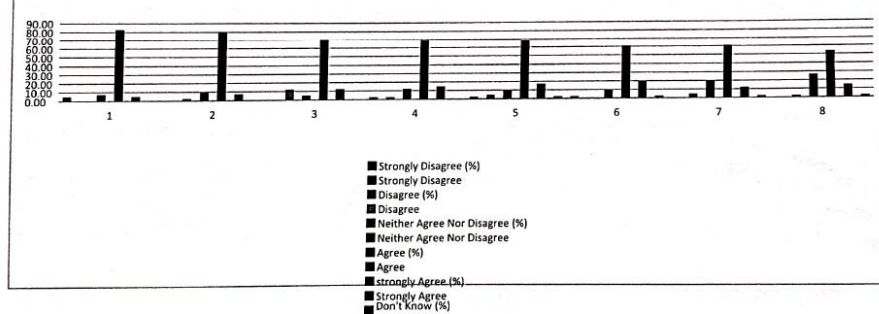
STAKEHOLDER FEEDBACK ON CURRICULUM: SURVEY, ANALYSIS & ACTION TAKEN

- 1.STUDENTS**
- 2.FACULTY**
- 3.ALMUNI**
- 4.PARENTS**
- 5.EMPLOYER**

**DEPARTMENT UNIVERSITY BUSINESS SCHOOL,
MRSPTU**

**MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
UNIVERSITY BUSINESS SCHOOL
PARENTS FEEDBACK ON CURRICULUM**

S. No	Statements	No. of Responses	Strongly Disagree (%)	Disagree (%)	Neither Agree Nor Disagree (%)	Agree (%)	strongly Agree (%)	Don't Know (%)
1	Extent of curriculum according to course duration is sufficient.	41	4.88	0.00	7.32	82.93	4.88	0.00
2	Lecture (L), tutorials (T) and practicals (P) allotted in the course are adequate.	41	0.00	2.44	9.76	80.49	7.32	0.00
3	There is a balance between theory and practical in the curriculum.	41	0.00	12.20	4.88	70.73	12.20	0.00
4	The books prescribed/listed as reference materials are relevant, updated, appropriate and adequate.	41	2.44	2.44	12.20	68.29	14.63	0.00
5	Curriculum provides opportunity for improving thinking skills.	41	2.44	4.88	9.76	68.29	17.07	2.44
6	Curriculum provides focus on skill development /employability/ entrepreneurship.	41	2.44	0.00	9.76	60.98	19.51	2.44
7	Curriculum helps to prepare for national level examination.	41	0.00	4.88	19.51	60.98	12.20	2.44
8	Curriculum focuses to develop ability to compete at National/International levels.	41	0.00	2.44	26.83	53.66	14.63	2.44



MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
UNIVERSITY BUSINESS SCHOOL
PARENTS FEEDBACK ON CURRICULUM


Analysis:

Observations of feedback analysis committee:

Majority of the responses depict that parents of the students are satisfied with the quality of the curriculum followed by University Business School.


HOD/INCHARGE


FACULTY 1

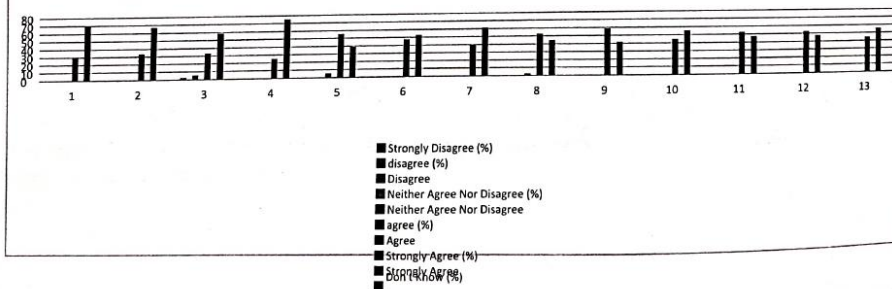

FACULTY 2

Action Taken by HOD:

1. Points noted to discuss the department meeting and BOC meeting.
2. It has been observed that Training and Placement activities should be increased by University Training and Placement office.
3. More focus on developing entrepreneurial skills should be given.
4. Students will be given opportunities to participate in National/International level events.

**MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
UNIVERSITY BUSINESS SCHOOL
FACULTY FEEDBACK ON CURRICULUM**

S. No	Statements	No. of Responses	Strongly Disagree (%)	disagree (%)	Neither Agree Nor Disagree (%)	agree (%)	Strongly Agree (%)	Don't Know (%)
1	Content of the syllabus is in line with the program educational objectives.	36	0	0.00	0.00	30.56	69.44	0
2	Syllabus is in line with the Course objectives and course outcomes.	36	0	0.00	0.00	33.33	66.67	0
3	Syllabus has good balance between theory and practical applications.	36	0	2.78	5.56	33.33	58.33	0
4	Course content stimulate my interest and engagement in the subject area.	36	0	0.00	0.00	25.00	75.00	0
5	Contents of the syllabus are properly arranged as per Bloom's Taxonomy.	36	0	0.00	5.56	55.56	38.89	0
6	Syllabus motivate students for further research and project related activities.	36	0	0.00	0.00	47.22	52.78	0
7	Contents of the course are in conformity with the learning outcomes.	36	0	0.00	0.00	38.89	61.11	0
8	Contents of the syllabus are in tune with the UGCNET/CSIR/GPAT/GATE examinations.	36	0	0.00	2.78	52.78	44.44	0
9	Syllabus motivates students for self-learning.	36	0	0.00	0.00	58.33	41.67	0
10	Contact hours proposed in the curriculum matches the contents.	36	0	0.00	0.00	44.44	55.56	0
11	Learning outcomes of the syllabus are in line with various accreditation body requirements.	36	0	0.00	0.00	52.78	47.22	0
12	Curriculum has potential for skill development/employment/entrepreneurship	36	0	0.00	0.00	52.78	47.22	0
13	Opinion of the faculty members are taken in to account during syllabus revision.	36	0	0.00	0.00	44.44	55.56	0




MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
UNIVERSITY BUSINESS SCHOOL
FACULTY FEEDBACK ON CURRICULUM

Analysis:

Observations of feedback analysis committee

The statistics depicts in the table indicate the high level of satisfaction of faculty members from the curriculum of various subjects.


HOD/INCHARGE


FACULTY 1

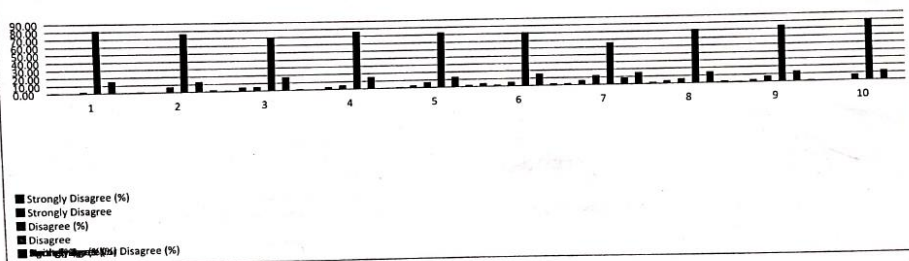

FACULTY 2

Action Taken by HOD:

1. The department has decided to include practical activities related to respective syllabus like projects, role play etc. in the curriculum. More questions from Competitive Exams in MCQs (part of internal marks) should be included.
2. Fdp on bloom taxonomy will be organised for the awareness and incorporation in syllabus.
3. Syllabus content for the PG program will be reviewed as per UGC-NET Syllabus.
4. The review report will be discussed in departmental faculty meeting and in BOC meeting.

**MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
UNIVERSITY BUSINESS SCHOOL
STUDENTS FEEDBACK ON CURRICULUM**

S. No.	Statements	No. of Responses	Strongly Disagree (%)	Disagree (%)	Neither Agree Nor Disagree (%)	Agree (%)	strongly Agree (%)	Don't Know (%)
1	Content of Syllabi of the Courses is relevant.	97	1.03	0.00	2.06	81.44	15.46	0.00
2	Syllabus meets course outcomes	97	1.03	0.00	7.22	76.29	13.40	2.06
3	Topics are in proper sequence in the syllabus	97	1.03	5.15	5.15	70.10	17.53	1.03
4	Content included in each unit is up-to-date and balanced	97	0.00	3.09	5.15	76.29	15.46	0.00
5	Adequate no of text and reference books mentioned	97	1.03	3.09	7.22	73.20	13.40	2.06
6	Lecture (L), Tutorials (T) and Practicals (P) allotted in the course are appropriate	97	4.12	2.06	5.15	71.13	15.46	2.06
7	Curriculum helps you to prepare for relevant national level examinations (GATE/GPAT/NET etc.)	97	2.06	6.19	12.37	55.67	8.25	15.46
8	Curriculum provides you the opportunity for improving your thinking ability and innovativeness	97	2.06	4.12	6.19	71.13	14.43	2.06
9	Curriculum provides you the opportunity for improving your employment skills	97	1.03	3.09	7.22	74.23	13.40	1.03
10	Syllabus prompts to explore more in the subject area.	97	0.00	0.00	7.22	80.41	12.37	0.00



MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
UNIVERSITY BUSINESS SCHOOL
STUDENTS FEEDBACK ON CURRICULUM


Analysis:

Observations of feedback analysis committee:

Major students have reported their satisfaction from the curriculum followed under various courses. Few students have shown their concern to give more focus to include component of competitive exam in curriculum.


HOD/INCHARGE


FACULTY 1

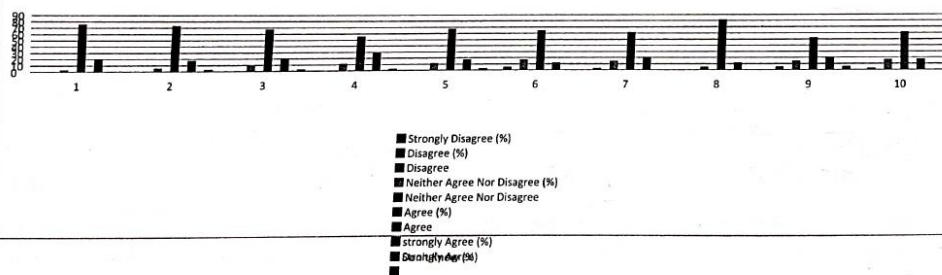

FACULTY 2

Action Taken by HOD

1. Mentors have asked to counsel the student to prepare for competitive exams and motivate the students to ask any guidance for career counselling and competitive exams from department faculty members.
2. A meeting will be scheduled with the students to discuss the responses and to know their concerns and feedback.

**MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
UNIVERSITY BUSINESS SCHOOL
ALUMNI FEEDBACK ON CURRICULUM**

S. No.	Statements	No. of Responses	Strongly Disagree (%)	Disagree (%)	Neither Agree Nor Disagree (%)	Agree (%)	Strongly Agree (%)	Don't Know (%)
1	Curriculum of the programme was explicit and well defined.	34	0	0.00	2.94	76.47	20.59	0.00
2	Curriculum was relevant and helpful for your career.	34	0	0.00	5.88	73.53	17.65	2.94
3	An adequate and up-to-date references for study materials were available in the syllabus.	34	0	0.00	8.82	67.65	20.59	2.94
4	Lecture (L), tutorials (T) and practical (P) allotted in the course were adequate.	34	0	0.00	11.76	55.88	29.41	2.94
5	I feel satisfied with the curriculum.	34	0	0.00	11.76	67.65	17.65	2.94
6	Theory and practical were well balanced in the curriculum.	34	0	5.88	17.65	64.71	11.76	0.00
7	Content helped you to develop basic understanding needed to apply in available career option.	34	0	2.94	14.71	61.76	20.59	0.00
8	Curriculum provided you the opportunity for improving your thinking skills, technical skills, employment/ entrepreneurship skills.	34	0	0.00	5.88	82.35	11.76	0.00
9	Curriculum helped you to prepare for National level examinations like UGC-NET/GATE/GPAT etc.	34	0	5.88	14.71	52.94	20.59	5.88
10	Curriculum focuses to develop your ability to compete at Corporate/National/International levels.	34	0	2.94	17.65	61.76	17.65	0.00



MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
UNIVERSITY BUSINESS SCHOOL
ALUMNI FEEDBACK ON CURRICULUM

Analysis

Observations of feedback analysis committee

The significant percentage of pass out students show their satisfaction from the quality of curriculum. Some have shown their concern regarding covering of competitive exam related content regarding respective subjects during regular lectures.


HOD/INCHARGE


FACULTY 1


FACULTY 2

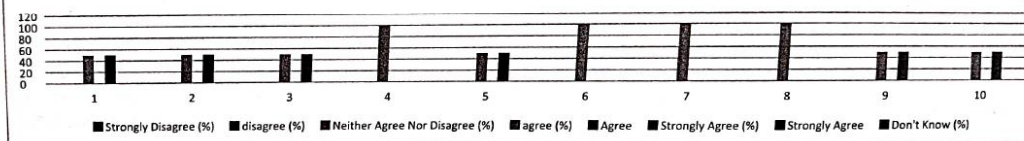
Action Taken by HOD

1. BOC has decided to cover competitive exam related content during regular lectures from upcoming semester.
2. A meeting will be scheduled with the alumni to know the feedback and industrial requirements.



**MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
UNIVERSITY BUSINESS SCHOOL
EMPLOYER FEEDBACK ON CURRICULUM**

s. no.	statements	No. of Responses	Strongly Disagree (%)	disagree (%)	Neither Agree Nor Disagree	agree (%)	Strongly Agree (%)	Don't Know
1	I am satisfied with the technical skills of the employee.	2	0	0	0	50.00	50.00	0
2	The employee is adaptable to changing technology.	2	0	0	0	50.00	50.00	0
3	Curriculum has the scope for development of requisite skills among the students.	2	0	0	0	50.00	50.00	0
4	Current syllabus is as per the National and global standards.	2	0	0	0	100.00	0.00	0
5	Curriculum focuses on the development of a dynamic personality.	2	0	0	0	50.00	50.00	0
6	Curriculum meets needs of industry/educational set up.	2	0	0	0	100.00	0.00	0
7	Curriculum inculcates the professional ethics among the students.	2	0	0	0	100.00	0.00	0
8	Curriculum designed for the programme is up-to-date as per the latest trends of industry.	2	0	0	0	100.00	0.00	0
9	Curriculum has the scope of developing team spirit and leadership qualities among the students.	2	0	0	0	50.00	50.00	0
10	The Curriculum is relevant as per the industrial needs.	2	0	0	0	50.00	50.00	0



MAHARAJA KANJIL SINGH PUNJAB TECHNICAL UNIVERSITY
UNIVERSITY BUSINESS SCHOOL
EMPLOYER FEEDBACK ON CURRICULUM


Analysis

Observations of feedback analysis committee

The employers are satisfied from the level of curriculum as it fulfill the industry requirement.


HOD/INCHARGE


FACULTY 1


FACULTY 2

Action Taken by HOD

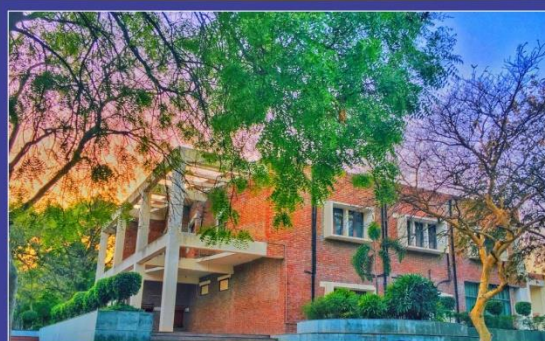
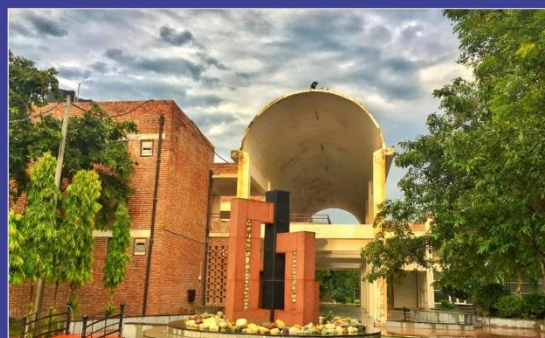
More emphasis will be given on the industry oriented projects, expert talks and industrial visit to provide more familiarity with corporate environment to the students.



MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Dabwali Road, Bathinda (Pb.) - 151001

(Estd. by Govt. of Punjab Vide Punjab Act No. 5 of 2015) ONLY TECHNICAL UNIVERSITY OF PUNJAB HAVING UGC APPROVAL UNDER 2(f) AND 12 B OF UGC ACT, MEMBER AIU.



INTERNAL QUALITY ASSURANCE CELL
MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
(DABWALI ROAD, BATHINDA (PB.)- 151001)

ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਬਠਿੰਡਾ

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

(A State Univ. Estd. by Govt. of Punjab vide Punjab Act No. 5 of 2015 and Approved u/s 2(f) & 12 (B) of UGC; Member AIU)

Bathinda-151001 (Punjab), India

REPORT

STRATEGIC PLAN AND DEPLOYMENT



MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Bathinda-151001 (Punjab), India

STRATEGIC PLAN AND DEPLOYMENT



2015-2021

**INTERNAL QUALITY ASSURANCE CELL
MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
BATHINDA 151001**

STRATEGIC PLAN AND DEPLOYMENT

Prepared by:

- Mr. Pritpal Singh, PA, Registrar, MRSPTU, Bathinda
- Er. Sukhjinder Singh, Dept. of Electronics and Communication, MRSPTU, Bathinda

Inputs by:

- Dr. Ashish Baldi, Director, IQAC

All rights reserved with MRSPTU

*Version 1
Year 2021*

INTERNAL QUALITY ASSURANCE CELL

STRATEGIC PLAN AND DEPLOYMENT

EXCERPTS OF STRATEGIC PLAN

ABOUT THE UNIVERSITY

Maharaja Ranjit Singh Punjab Technical University (MRSPTU), Bathinda (Erstwhile Maharaja Ranjit Singh State Technical University, Bathinda) is an affiliating Technical University, established by Govt. of Punjab vide Punjab Act No. 5 of 2015 notified through Punjab Government Gazette-Extraordinary (Regd. No. CHD/0092/2015-2017) notification No. 5-Leg./2015 dated 12th February 2015 and registered with UGC u/s 2(f).

With spontaneous upswing in demand for quality Technical Education, burgeoning pressure on the Premier Technical University of Punjab, Punjab Technical University, Kapurthala, to mitigate regional imbalance in distribution of Temples of quality Technical Education in the State, for exponential socio-economic growth of the Malwa region, to bridge the gap between demand and supply of employable technical human resource, exigency for creation of a new State Technical University in Punjab was realized. Consequent on the implementation of this Act, Technical institutions of eleven districts of Punjab have been affiliated to MRSPTU with effect of 1st July, 2015 including Barnala, Bathinda, Faridkot, Fatehgarh Sahib, Fazilka, Ferozepur, Mansa, Moga, Patiala, Sangrur and Sri Muktsar Sahib.

The objectives of this new Technical University at Bathinda are to provide, upgrade and promote Quality Technical Education, Training and Research in Technical Education to create entrepreneurship and a conducive environment for the pursuit of Technical Education in close cooperation with industry. In the pursuit of creating excellence in Teaching, Research and Skill Development, the University has to attain highest standards by following and conforming to norms/standards policies laid down by the All India Council for Technical Education, New Delhi and University Grants Commission, New Delhi.

As an outcome of the above endeavours, the University is expected to generate and maintain resources through consultancy services, testing services, Continuing Education Programmes, national and international collaborations, MoU, transfer of intellectual property rights, etc. MRSPTU will cater to the needs of Quality Technical Education in eleven districts of Punjab encompassed in its jurisdiction. New M.Tech. & Ph.D. Programmes are being initiated from 2016-17 academic sessions. New skill development certificate courses in 9 areas of Engineering in the Constituent Colleges of the University and four PG Certificate Courses in Pharmacy in Affiliated Colleges are also being planned.

VISION OF THE UNIVERSITY

To contribute towards the state, the nation and the world through advancement for attaining excellence in technical education and research, and to provide quality human

resource having high professional and ethical conduct to serve the needs of the industry and society.

MISSION OF THE UNIVERSITY

- To provide a conducive and inspiring environment for promoting advancement in technology and research by fostering freedom, empowerment, commitment, creativity and innovation.
- To provide competent and highly skilled professionals and entrepreneurs to meet the requirements of the industry and society for discovery and dissemination of knowledge.
- To inculcate high moral, ethical and professional values and standards amongst the students.
- To promote research and development in various fields of technical education and establishment of Centres of Excellence in collaboration with national and international institutions, industries and agencies.

Excerpts of the Strategic Plan for 2015-2024 are as follows:

- Accreditation and Approval
 - by UGC under Section 12 (B)
 - by AICTE
 - by CoA
 - by PCI
 - by AISHE
 - by NIRF
 - by NAD
 - by ARIIA
 - Association of Universities
 - Other national and international ranking agencies
- Financial Sustenance
 - Grant from State and Centre Govt.
 - Research Grants
 - Fund mobilization from own sources
 - Grants from UGC, DST etc. for infrastructure development
- Completion of University Campus
- Establishment of New Departments
 - In emerging area/established disciplines as per current demand
- Revival of Punjab Institutes of Technologies (PITs)
- Curriculum Development
 - Adaptation of AICTE/PCI/CoA/UGC guidelines for curriculum development
 - Implementation of CBCS
 - Implementation of OBE
 - Continual improvement in curriculum
- Academic Partnership with Foreign Universities and Organizations
 - At International Level
 - At National Level
- MoU/Collaborations
 - With University Level
 - With Organization
 - With Industry
 - With Research Lab
- Research and Entrepreneurship Initiatives
 - Significant research outcomes as a measure of quality research
 - Establishment of IPR Cell
 - Development of Institute Innovation Council (IIC) and Entrepreneurship Development–Cum– Business Incubation Centre
- Consultancy Services and Revenue Generated
- Placements

- Campus Placement
- Academia-Industry Interaction
- Examination Reforms
 - IT Reforms/Student services
- Administrative Initiatives
 - Policy and Regulations
 - Information Booklets
 - ERP Development
- Quality Practices Implemented in Academia
- Intellectual 'Faculty Pool'
- New Courses offered
- Certificate/Diploma courses
- Online courses in emerging areas
- Professional Development Programs
- Joint admission and brand building drive with affiliated institutions
- Biometric Attendance System
- Unique Concept of 'Skill' based Courses with multiple Entry-Exit System
- Handholding of Affiliated Colleges
- Other areas to focus
 - Improvement in quality of technical education in Punjab through close collaboration with industry with emphasis on upcoming cutting edge technologies such as AI, machine learning, IOT, data analytics, mechatronics and biomedical engineering, keeping in view the approaching disruptions on account of 4th industrial revolution; many of these courses will be offered as open elective available for students from different branches.
 - Further, modernization of curriculum with more practical component as per industrial demand.
 - Upgradation of infrastructure and facilities for up-to-date learning.
 - Setting up 'Centres of Excellence' in collaboration with leading industries and corporates.
 - Establishment of world class state of art R&D centre and promoting research in modern areas of technology, and areas of special relevance to Punjab, particularly, related to agriculture produce, agriculture waste, environment, energy proficiency and health.
 - Starting of joint academic programmes with international collaborators.
 - Development of MRSPTU campus as Model and PITs as Skill Development Hubs.
 - Skill development centric learning and courses.
 - Focus on placement of students and entrepreneurship development.
 - Online Courses (MOOCS) popularization.

STATUS OF DEPLOYMENT (STRATEGIC PLAN)

STRATEGIC PLAN DEPLOYMENT

Approval by UGC under Section 2 (f) and 12 (B)

In a short span of 04 years after its establishment, MRSPTU became the first technical University of Punjab to get approval under section 12 (B) and 2 (f); at present it is the only technical university from Punjab approve by UGC under 12B.Approval granted, after UGC Expert committee inspection. Approval under Section 12 (B) has made MRSPTU eligible to receive grants offered by UGC under various schemes.

Accreditation and Ranking

The University has recently ranked 4th in the beginner band in ARIIA ranking 2020-21, released by MHRD, Govt. of India. Additionally, all required approvals from statutory bodies are already obtained by compliance to the norms specified. Apart from it, University is also providing information to NIRF, AISHE etc. The University has also attained membership of AIU.

Financial Sustenance

MRSPTU, despite receiving only 150 crores against proposed 500 crores from IKGPTU, has sustained itself financially by adopting low-cost administrative approaches like minimum establishment cost, utilization of existing staff for administrative duties, recruitment of highly qualified faculty but as per need, in house development of software for admission, examination, affiliation process and ERP, and cutting on other expenses. Faculty members are encouraged to apply for research funding from various National and International funding agencies of Govt. of India and a dedicated MRSPTU Grant Cell has already been created. Faculty has submitted research proposals for over 15 crores to different agencies and University has already received research grant of about 9.0 crores. A grant of 35 lacs has also been received by Youth Welfare Department of the University under NSS. University proposals to establish an indoor sports complex are at advanced stage of approval for funding. Govt. of Punjab has also allocated grant-in-aid of Rs. 25.0 crores in budget for 2019-20 to the University. Release of the grant is still awaited. Additionally, a grant of 5.0 crores was also received from state govt. recently.

Completion of University Campus in stipulated time

Apart from well-developed campus with all facilities and having a residential capacity of 3000 students, the new buildings with aesthetic design and architecture with a total expenditure of about 115 crores is completed, which covered construction of administrative block, 6 academic blocks, central library, IT-enabled services center, lecture theatre complex, R&D center and Vice Chancellor's residence and eight University Departments have already shifted into new building.

Establishment of New Departments and Revival of Punjab Institutes of Technologies (PITs)

During this period, newly established departments- Pharmaceutical Sciences & Technology and Food Science & Technology have started offering various courses with almost full admission strength viz. M. Pharm in Pharmaceutics and Pharmacology specializations, B. Pharm, M.Sc. Food Science & Technology and B.Sc. Food Science & Technology with almost 100% admission record. Faculty members of these two departments have also fetched grants of about 5.0 crores from various agencies of Govt. of India in last two years.

Furthermore, Punjab Institute(s) of Technology at Rajpura and GTB Garh (Moga) have been revived by appointing dedicated directors/staff and developing necessary infrastructure. This has resulted in impressive increase in admissions at these institutes. A new Institute, Punjab State Aeronautical Engineering College at Patiala is also adopted as constituent college offering various programmes in Aeronautical Engineering has been started.

Emphasis has been on infrastructural developments, laboratory upgradation, establishment of high class research facilities and Centre of Excellence in various areas, along with various scholarships and grants for students, and faculty members for their academic and research advancements.

Curriculum Development as per AICTE, PCI and UGC Guidelines

The modern AICTE curriculum has already been adopted and implemented by MRSPTU. Flexible Choice Based Credit System has been implemented on IIT pattern and as per UGC Guidelines for 'Learning of Interest' from 2016-17 itself. As an Invited Expert, Vice Chancellors have significantly contributed towards development of scheme and syllabus

of various technical courses by AICTE, and drafting AICTE's new internship policy to be implemented nationwide uniformly; from 2018-19 academic session syllabus has been again updated as per AICTE Guidelines for implementation of uniform syllabi throughout India.

Adoption of Outcome Based Education Framework

The University has adopted outcome-based education by aligning all courses and programmes with Programme Outcomes, Programme Specific Outcomes and Course Outcomes and developed a quantitative framework for analyzing the attainment levels and understanding the students perspectives to achieve academic goals. Details of the same is given at https://www.mrsptu.ac.in/iqac_outcome_attainment.php

Academic Partnership with Foreign Universities and Organizations:

MRSPTU has signed MoU to start joint certification of undergraduate and post-graduate programs with Thomson River University, Canada, in 2+2 mode, whereby students pursuing B. Tech (CSE, IT) or BCA at MRSPTU are eligible for B. Sc. (CSE) of TRU after completing first two years from MRSPTU and final two years from TRU, BC, Canada. MOUs have also been signed with Wayne State University, USA (for all Engineering courses in 3+1 mode), Concordia University Edmonton, Alberta, Canada, NorQuest College, Edmonton, Alberta, Canada, and Synergy University, Russia. Further collaborations with Petersburg University, Russia, University of Highlands & Islands, Scotland for collaboration in aeronautical engineering and aircraft maintenance are in process; delegation of the latter has already visited university.

Many more collaborative programs have been envisaged and signed during visit to Canadian Universities as member of the delegation led by Honorable Minister for Technical Education and Industrial training including, University of Canada West, Vancouver, University of Vancouver Islands, Victoria, and many more are in the offing.

An MOU has been signed with Amazon for training of faculty and students in CLOUD computing; students and faculty are given free access to Amazon cloud computing platform; a workshop for training of faculty has already been conducted by Amazon experts and students as well as faculty members have already registered on Amazon cloud computing portal. Collaboration has been initiated with Google for Android App development and workshops for training of faculty have been organized. An MOU has

already been signed with Ace Skills, UK, for international skilling and certification. For overseas skill certification MOU has been signed with partners from United Kingdom such as UK Skills, to prepare manpower for employment abroad.

MRSPTU has decided to initiate academic collaborations with few of these Universities/organizations to establish the model of Joint Academic Programs with international certification.

MoU/Collaborations at National Level:

In order to achieve academic excellence, MRSPTU has signed MoU with renowned industries/academic institutes/training partners viz. IIT Bombay, SAP Student Academy Program, NITTTR-Chandigarh, Central University-Bathinda, GADVASU-Ludhiana, GNDEC-Ludhiana, INFLIBNET-UGC, Josh Technology, Central Tool Room-Ludhiana, BKSB India Private Limited, Engineering Staff College, Hyderabad, Mobile Tutor Pvt Ltd, Chennai, True Chip, Noida, Apron Systems P. Ltd., Noida, Red Hat Linux etc.

Leading industries and organizations like Oracle, IBM, Huawei, Aspiring Minds, Cheema Boilers Ltd., EC Council etc. are also in collaboration soon for academics, training and research.

Various MoUs/Collaborations are given at <https://www.mrsptu.ac.in/mou.php>

Research and Entrepreneurship Initiatives

University has already initiated research programs leading to Ph.D. in disciplines of Engineering & Technology, Commerce & Management, Pharmaceutical Sciences, Food technology, and Sciences and regular admissions are made twice in a year. Regulations for Ph.D. degree and other Policies for Ethics in Research are framed. Renovated and upgraded Research Labs are established at various departments. This has resulted in significant increase in quality of publications, which is enhancing MRSPTU's recognition at global level. University has also decided to establish an R & D centre with state of the art facilities and building construction for the same has been completed. Dedicated Intellectual Property Rights Cell for Patents/Technology Transfer, Entrepreneurship-cum-Business Incubation Centre and Innovation Cell are established at University to foster innovative research and commercialization leading to start-ups from University and already 17 IPRs have been filed and/or granted. Till date, two copyrights/designs are awarded by Indian Patent Office. Two patent applications are under scrutiny phase in

collaboration with Punjab State Council for Sciences and Technology while 3 more patentable leads are in concept defining phase. So far research grants of more than 5.0 crores have already been sanctioned by various funding agencies. ***Details of the research achievements are given at <https://www.mrsptu.ac.in/IQACAnnualReport.php>***

Consultancy Services and Revenue Generated

The University is active in offering various consultancy services in different sectors to Government/Private/Industrial organizations/agencies amounting to a revenue generation of >9.5 crores in last 5 years. Furthermore, University is also empanelled by Punjab State Pollution Control Board. Furthermore, Ministry of Food Processing Industries, Govt. of India has recently sanctioned 2.87 crores for establishment of Food Testing Lab at the University and released the first installment of the grant also. This lab will act as testing centre for various food manufacturing industries and firms. These will further increase the revenue generated through consultancy to various industries in and around Punjab.

Improved Placements

A placement and training cell has been established and a dedicated Director training and placement has been appointed. Special emphasis has been placed on placement of students and significant improvement in placement of students from MRSPTU campus is achieved. More than 275 students from campus have found placements in reputed companies in each of the last two academic sessions itself with pay packages ranging from Rs 2.4 to 10.0 lacs.

In addition to this, MRSPTU has successfully hosted and organized five mega Job Fairs under '*Ghar Ghar Rozgar*' scheme as per the vision of Hon. Chief Minister, to provide good placement opportunities for students from campus and from all over the region. Besides, Campus and Constituent Colleges, the placement will also cater to the affiliated colleges.

Examination Reforms

- Unique practices like real time online monitoring of examination centres/evaluation centres/coding halls on campus as well as affiliated colleges by CCTV, exclusive software based system for grading, result announcements & DMC printing and strictly fair evaluation process have been implemented in this period. The efforts has resulted

in only 5 to 10% students applying for re-evaluation [> 80% in other University).To bring seriousness in evaluation process 13 evaluators have been banned for shoddy evaluation work and many centres have been closed on account of mal-practices.

- Evaluation pattern as per UGC guidelines.
- Checking of non-attending/dummy admissions/impersonation through comparison of signatures of students on theory and practical examinations attendance sheet.
- Students are allowed to get photocopy of evaluated answer script so that they can see the evaluation and decide if they wish to get it reevaluated
- Process has already been initiated for digital evaluation of answer scripts.

Administrative Initiatives

- Regulations of the University have been prepared, approved by BOG and submitted to Government for notification.
- Various bodies such as College Development Council, Academic Council, Sports Executive Committee, Cultural Executive Committee and Advisory Committee for NSS, Board of controls in each academic department, Board of Studies and faculties in various disciplines have been constituted and their meetings are being held regularly for smooth functioning.
- For smooth and transparent functioning, various policy documents, information booklets and guidelines are drafted and implemented. Details of such documents are given at https://www.mrsptu.ac.in/iqac_policy_documents.php
- Streamlining of affiliation & examination process through online system & regular audits.
- In house software/ERP development for various modules like admission, IQAC, Finance and Purchase, Grievance Redressal etc. are developed. Details of ERP modules developed are given at <https://www.mrsptu.ac.in/IQACAnnualReport.php>
- Complete elimination of cash payment and total digital online transactions at all levels
- All recruitment processes have been made totally transparent.
- Digital Campus with all transactions in online mode and no cash is being received.
- All purchases/work allotments above Rs. 2.0 lacs are made by e-tendering process.

Quality Practices Implemented in Academia

- **Intellectual 'Faculty Pool'** - Already recruited experienced doctorate/ post-doctorate faculties from leading institutes like IITs, NITs, BITS, PU, Thapar University, GNE etc. through transparent process.
- **New Courses offered** - Newly established departments at University is offering various technical courses viz. M. Pharm. in Pharmaceutics and Pharmacology specializations. B. Pharm., M.Sc. Clinical Research and M.Sc. Food Technology, B.Sc. (Hons) in Sciences, B.Sc. Food Technology, Integrated BCA –MCA, B.Tech in Aerospace Engg. (Avionics) and Bachelor of Management Studies (Airline Tourism and Hospitality) etc. have been started.
- **Certificate courses** - Specialized certificate course in Apparel Cutting & Sewing has been offered and course in Waste Management is being developed for training Hygiene workers.
- **Professional Development Programs**
Professional development programs such as expert lectures, seminars, workshops, field visits, industrial visits and educational tours, case studies, surveys, training, conferences, symposia, finishing schools etc. are regularly conducted at University and affiliated colleges. University has entered into an MOU with AICTE for faculty development programs with support from AICTE and conducted a large no. of professional events for knowledge upgradation of teaching and non teaching staff members.
- **Biometric Attendance System** – Already implemented at University campus and efforts are on to implement in affiliated colleges
- **Unique Concept of 'Skill' based Courses with multiple Entry-Exit System**
As a unique initiative, Skill Certificate Courses in 9 disciplines have been designed and introduced to develop practical skills & improve employability/entrepreneurship among students as 'Sandwich Programs in collaboration with leading industries & training organizations. NSQF compliant curricula of these courses has been developed by NITTTR utilizing services of experts from all over India and has multiple Entry-Exit points to improve self-employability. The specialized courses offered are in the area of Plumber, Welder, Electrician, Tools & Die Maker, Computer Maintenance & Programming Assistant, Food Processing, Farm Equipment Technician, Refrigeration and AC Mechanic and Servicing & Maintenance of Electronic Instruments. Most of

these courses are now offered at PITs to enhance employability of youth; each course has its own industrial training partner.

Handholding of Affiliated Colleges

- All dealing with Colleges such as application for affiliation, payment of fee, generation of affiliation letters all are carried out online and in a transparent manner.
- Completed process of academic & infrastructure verification for all affiliated colleges
- Regular Feedback & improvisation
- Start of new courses as per the need of the time/market requirement.
- Benefits of collaborative programs with Foreign Universities and MOU are also extended to the affiliated colleges.
- Joint Admission Campaign in other states.
- Establishment of advanced research facilities with access to all.
- Financial Grants for organization of technical events/faculty development programmes/ workshops/ seminars/conferences.
- Centralized Research & Library Services extended with on Campus access to e-journals for all including affiliated colleges.
- Joint Placement Drives with affiliated Colleges.

Future Plans

- Improvement in quality of technical education in Punjab through close collaboration with industry with emphasis on upcoming cutting edge technologies such as AI, machine learning, IOT, data analytics, mechatronics and biomedical engineering, keeping in view the approaching disruptions on account of 4th industrial revolution; many of these courses will be offered as open elective available for students from different branches.
- Further, modernization of curriculum with more practical component as per industrial demand.
- Upgradation of infrastructure and facilities for up-to-date learning.
- Setting up 'Centres of Excellence' in collaboration with leading industries and corporates.

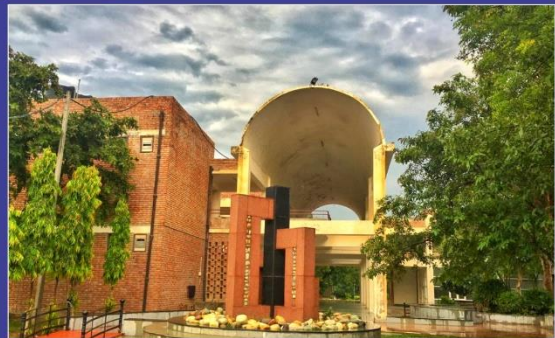
- Establishment of world class state of art R&D centre and promoting research in modern areas of technology, and areas of special relevance to Punjab, particularly, related to agriculture produce, agriculture waste, environment, energy proficiency and health.
- Starting of joint academic programmes with international collaborators.
- Development of MRSPTU campus as Model and PITs as Skill Development Hubs.
- Skill development centric learning and courses.
- Focus on placement of students and entrepreneurship development.
- E-content development and LMS
- Online Courses (MOOCS) popularization.



MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Dabwali Road, Bathinda (Pb.) - 151001

(Estd. by Govt. of Punjab Vide Punjab Act No. 5 of 2015) ONLY TECHNICAL UNIVERSITY OF PUNJAB HAVING UGC APPROVAL UNDER 2(f) AND 12 B OF UGC ACT, MEMBER AIU.



INTERNAL QUALITY ASSURANCE CELL
MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
(DABWALI ROAD, BATHINDA (PB.)- 151001)

ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਬਠਿੰਡਾ

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

(A State Univ. Estd. by Govt. of Punjab vide Punjab Act No. 5 of 2015 and Approved u/s 2(f) & 12 (B) of UGC; Member AIU)

Bathinda-151001 (Punjab), India

ANNUAL REPORTS EXAMINATION 2016-2021



MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Bathinda-151001 (Punjab), India

ANNUAL REPORT EXAMINATION



2021

**INTERNAL QUALITY ASSURANCE CELL
MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
BATHINDA 151001**

ANNUAL REPORT EXAMINATION

Prepared by:

- Prof. (Dr.) Karanvir Singh, Controller of Examination, MRSPTU, Bathinda
- Prof. (Dr.) Harish Garg, Deputy Controller Examination, MRSPTU, Bathinda
- Mr. Simran, DEO, ITes, MRSPTU, Bathinda

All rights reserved with MRSPTU

Year 2021

INTERNAL QUALITY ASSURANCE CELL

ANNUAL REPORTS EXAMINATION

2016-2021

Number of outgoing/final year students year-wise during last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
474	466	682	129	162

Number of students appeared in the University examination year-wise during last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
1959	1769	1848	1646	1421

Number of re-evaluation applications year-wise during last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
5	270	183	13	0

Year Wise Report of E-Module Developed/Improved

Sr. No.	E-Module Developed/Improved	Year	Features Released
1	Examination	2015-2016	<ol style="list-style-type: none"> 1. New portal Started add examination process 2. HOD can fill the student (Reg/Reappear) examination system 3. Assigned teachers can fill student internal systems. 4. Notification module.
2	Examination	2016-2017	<ol style="list-style-type: none"> 1. Whole college wise challan generated. 2. Exam paper transfer online as per college and paper wise. 3. Online examination time student attendance. 4. Result system in student account so student can check any previous own result in own account
3	Examination	2017-2018	<ol style="list-style-type: none"> 1. Create new reports in admin section like: <ol style="list-style-type: none"> 1.1 Active session filled form report. 1.2 New use for: exam session billing system 1.3 Whole reporting system was added in different admin ids.
4	Examination	2018-2019	<ol style="list-style-type: none"> 1. Students can fill their regular and reappear form online while login into the examination portal. 2. New DMC and Degree format. 3. Bulk scheme upload module. 4. Online payment System with ICICI. 5. Online services for students. 6. Automation Work for UMC Cases for Examination. The issue was that when a student on whom the UMC case was made, his/her semester upgrade was suspended for some specific date. Now, once the suspension date was completed then College Head Usually complained that they were unable to see the Suspended student after completing their suspension effective date. So, the Examination Team had to Login to the Examination Software and manually perform the operation. However, after performing this automation implementation work Once a student has completed their suspension period after effective suspension date, they will be automatically able to see in the HOD portal when they Log In with their login details.

			<ol style="list-style-type: none"> 7. Examination Code is written for M. Pharma DMC Process for Branches Pharmaceutics, Pharmacognosy, Pharmacology, Pharmaceutical Chemistry, Pharmaceutical Analysis and Quality Assurance. In this Process New Exam Marks Filling, Result Notification Data and DMC Format Was Created. 8. Automation Work of Shaheed Bhagat Singh State Technical Campus (SBS) Degree work was completed. The Examination Department Support team when try use the Generate DMC for this college then they usually face issue due to Scheme Passing marks conflict between MRSPTU and SBSB and due to it DMC were not getting generated. Apart from this, Branch Change Issue in SBS and which lead to unable to generate DMC. All this work was manually performed from the back end by the IT Department. After take over this work was automated.
5	Examination	2019-2020	<ol style="list-style-type: none"> 1. Online documents uploaded by university to student accounts. 2. Mobile Applications for students. 3. Online Examination system whole process new grade system (Regular/Reappear) 4. Scheme uploads the activity which takes an ample amount of time in every semester. The activity which was performed manually by the IT Department for that work was automated and it would take a few minutes to upload the whole scheme. As a result of it ample amount of time was saved for examinations and the IT Department. 5. Students who got upgraded in every semester that task was performed manually so that an upgrade stored procedure was created which took some time in order to upgrade all students in one go. 6. Examination DigiLocker Work from Examination Software was completed. Apart from this Degree PDF Generation Code and Encryption of SHA6 was also Implemented in Examination as well as DigiLocker Server Code.
6	Examination	2020-2021	<ol style="list-style-type: none"> 1. Examination software needs to be modified for push degree requests, Digilocker services code needs to be created at server end, configuring dig locker services which is the

			<p>hardest part as it includes ample amount of testing, server and database configuration and many more tasks. Apart from this, the code at the examination side was done in a fully automated way. After completion of the work in April 2021 Maharaja Ranjit Singh Punjab Technical University became the first technical university whose degree was available on Digilocker.</p>
--	--	--	--

EXAMINATION REFORMS: THE ROADMAP

1. Introduction

As the globalization is taking place, it becomes imperative to build the examination system in such a way that the students are capable of reaching out in the entire world. The growth in economy at an accelerated growth also requires human resources to keep up to the momentum and pace of change and growth. The real challenge lies in giving the right knowledge and evaluating the same so as to create a skilled resource of the young population has, to unleash their potential to take on the baton of change and growth. The focus of the university should be on excellence and employability. A strong system should be there in place which can take care of the needs of students and maintain the quality of imparting education and evaluating the same. With a robust system in place, the prime focus of higher education sector should be that the education be more learner centric, be oriented to conduct and gain knowledge through research, and strive for constant improvements in quality. Innovation and technology can be utilized to accelerate the above requirements. With this, students who have enrolled in higher education programmes can attain requisite skills through the learning outcomes

2. Current Examination system

In India, the education has so far been largely examination oriented. The existing examination pattern exam is more of memory learning. In the affiliating university system, external final University-conducted examination takes place at the end of every semester or every year and this is the sole criteria for the purpose of external assessment. This evaluation system insulates students from the quest of knowledge, excitement of discovery and joy of learning as marks are more important as these lead to better job opportunities.

3. Rationale for Evaluation Reforms

Examinations play a very important role and are the deciding factors in making career of the students of his choice. Their ability to do a job or pursue higher qualifications depends on the degree of knowledge they possess. The changing global environment in industry has brought drastic changes in skill requirement and the decision-making capabilities of the students leading to tremendous pressure on the human resource to perform is there on the human resource. The end term examination for three hours each is the sole tool to decide the future

career of students and it only tests memory learning skills. Present day requirement is not just to possess information but an individual application to every situation in day-to-day life. Memory learning is required but is not adequate to perform in the challenging environment globally. As there is a need to assess application skills or skills such as analysis, creation, evaluation etc., so evaluation system needs to be modified as per the new requirements. Reforms, thus, are much needed to ensure credibility and the outcome of the assessment system. There is a need to have more horizontal assessment modes rather than having one single vertical mode that decides the fate of students, as the horizontal assessment mode aims at overall development of students in terms of their critical thinking, problem solving ability, right application of knowledge, and maintaining ethics.

4. Evaluation Reforms

a) Outcome based Education and Assessment

Learning Outcome Based Education (LOBE) advocates the importance of establishing a clear picture of what is important for students to be able to do, organizing the curriculum, instruction, and assessment to make sure that learning ultimately happens. Evaluation system to be designed in such a manner that the desired outcomes are evaluated in a fruitful manner and the programme/course objectives are achieved

b) Assessment and its types

Student understanding must be based on and accordingly assessed for a variety of learning activities. Student can be assessed by various methods which would include

Based on Purpose: Assessment types include i) Summative (evaluation of students learning at end of instructional unit) and ii) Formative (informal and formal tests administered during the learning process).

Based on Nature of Data: i) Quantitative evaluation is mainly concerned with scholastic achievement in subject-based performance whereas ii) Qualitative is chiefly about evaluating the non-scholastic and probably more important, aspects of the student's personality involving social, emotional, attitudinal and moral/ethical assessment.

Based on Domain: Assessment types include i) Scholastic achievement (assessment of curriculum related classroom teaching and learning) and ii) non-scholastic achievement (assessment of students behaviour, values attitude, emotional stability during co-curricular activities and other structured or unstructured situations inside or outside the classroom).

Based on Measuring Standard: i) Criterion-referenced (uses test score to generate a statement about the behaviour that can be expected of a person with that score), ii) Norm-referenced (Standardized) (whether test takers performed better or not than a hypothetical average student) and iii) Self-referenced (Ipsative) Evaluation (assessment of a person's performance is compared with their own earlier performance to identify improvements, if any)

c) Assessment Rubrics

Introduction: A rubric for assessment, also called a scoring guide, is a tool used to interpret and grade students' on any kind of work against criteria and standards. An assessment rubric provides the means to increase objectivity in assessment and reduce subjectivity; presents a clear expectation on the assessments, and relates it to learning outcomes; ensures consistency, transparency and fairness in the marking process across course instructors for the same assessment type; efficiently grades or marks many assessments for a large group of students; defines clear guidelines for moderation; and provides more objective data for analytics.

Structure of a Rubric

It is usually in the form of a grid, a grading/ marking/ scoring rubric combines the elements of performance, criteria and descriptors to create an assessment tool for the course instructor.

Criteria	Score (5)	Score (3)	Score (1)
Content	The material presented was complete, precise and well supported by facts and figures	The material presented was partially complete and was off-topic at some places	The material presented was incomplete and largely off-topic
Knowledge & Understanding	Seminar demonstrated thorough knowledge and applicability of facts, terms and concepts	Seminar demonstrated moderate knowledge and applicability of facts, terms and concepts	Seminar demonstrated limited knowledge and applicability of facts, terms and concepts
Discussion	The student actively participated in the discussion and was able to give a convincing reply to question	The student had a moderate participation in the discussion and was able to give a	The student did not participate in the discussion and was not able to give a

		convincing reply to some questions	convincing reply to most questions
--	--	------------------------------------	------------------------------------

d) External and Continuous Internal Assessment Modes

Based on the types of assessment and triangulation of assessments, various models of implementation are suggested for both theory as well as practical courses giving different weightage to Internal and external marks. All the models focus on continuous assessments, mixing types, so that ongoing feedback is obtained for both the teacher and the student. It is possible to administer many of one type of assessment at regular intervals or choose the best out of the many.

e) Credit System and Grading

The UGC had issued guidelines to all Universities in 2015 for implementation of the choice-based credit system with a view to offer students choice of courses within a programme with a flexibility to complete the programme by earning credits at a pace decided by the students themselves. The system allowed students to choose inter-disciplinary, intra-disciplinary courses according to their learning needs, interest and aptitude. It was considered as a cafeteria approach and was expected to provide mobility to students. The same has been implemented in the University in 2016 and modifications are being done for betterment of the system.

Most institutions follow the absolute grading system which is a simple procedure wherein the marks obtained by students correspond to a specific grade and grade point. It reflects the individual performance in a particular subject without any reference to the group/class. The absolute grading system has limitations and may be susceptible to some inconsistencies. The relative grading system on the other hand provides relative performance of a student to a group/class wherein the student is ranked in a group/class on basis of relative level of achievement. In this system students are awarded a particular grade on the basis of their relative performance and which is done by assigning grades on basis of a normal curve. This facilitates comparative performance and eliminates negative effect of pass or fail.

f) Credit Transfer Policy

Facilitation of credit transfers is a must to support the continuation of learning and should enable the students to gain the qualification in minimal time provided they meet all minimum standards and requirements. Credit transfers should also facilitate mobility of students among institutions. Students who have completed course-work, at least first year, at some university other than the university to which transfer is sought (may request for transfer of admission to this university. A student may be granted admission only through an admission process that will follow the same policy as for fresh admissions. However, a uniform credit system must be followed by all universities to effect transfer of credits.

h) Question Banks

Teaching and evaluation complement each other; hence changes are not only required of the evaluation aspect, rather changes need to be affected both in teaching and evaluation. Question banks, thus is an attempt to integrate both teaching and evaluation. Preparation of question bank makes use of accumulated experience of teachers which renders effective examining of students. The need for setting of question paper through the question bank system is felt due to an increasing number of students enrolling for higher education programmes thus increasing the load which the existing pattern of examining must bear; curriculum revisions; inter-disciplinary nature of subjects due to integration of course contents from diverse courses; and need for increasing involvement of teachers in the evaluation process. Consequently, there is a constant need for development of standards and quality of examination along with demand for fair and just evaluation process. The question papers that are set using the traditional paper setting procedure by calling experts may lead to repetition of questions and that they just test information recall, whereas, there is a need to test analytical skills of students. Question banks lead to setting of better-quality questions that are valid and appropriate to test the abilities desired of students. Setting of Question Papers through the Question Bank System is a much-needed reform in the examination system.

i) Moderation

Moderation of assessment is an organized procedure which ensures use of valid assessment material and consistent application of criteria, to provide fair academic judgment and reliable outcome in the form of marks or grades. It assures appropriate designing and implementation of assessment activities along with generation of valid and reliable results. Integration of

moderation process with assessment system is imperative for the development of academic quality in higher educational institutions as:

- It addresses any difference in individual judgments of different evaluators.
- It ensures that all achievements in the form of marks and grades across courses reflect achievement of same level of standard.
- It is also carried out to develop a common understanding of the standards and criteria and to recognize performance which demonstrates that standard or fulfils that criteria.

Moderation may be conducted in case there are large number of fail grades or high grades, or when large numbers of students who have received the same grade or clustering of students on letter grades, or when there are discrepancies between grades allocated to individual students in different courses, or to find out the difficulty level of the question paper or whether the assessments modes used cover the entire syllabus or not.

j) Use of Technological Interventions

With the proliferation of different types of access devices, especially mobile access devices, technology has the potential to augment traditional classroom practices and revolutionize learning and evaluation methods. Technology, in fact can be an important driver to enable lifelong learning. Learning and engagement of students is facilitated by use of technology through several modes such as synchronous learning, semi-synchronous learning, blended learning, collaborative learning, flipped classroom etc. MOOC's, especially provided through SWAYAM, are a window of opportunity for lifelong learning and are offered through technology-based platforms. Learning management systems (LMS) are used by institutions to integrate the entire teaching, learning and evaluation process. The Learning Management System may be used by higher educational institutions to deliver academic content in blended form and to assess learning through thesis, assignments etc. Open-source learning management systems such as Moodle, Edmodo may be used for posting content in the form of videos, audios, e-learning modules, live class sessions etc. Use of plagiarism detection software is highly recommended in order to check originality of content.

k) Result Declaration

Declaration of results is a crucial element of the educational system of a higher educational institute on which rests its credibility and reputation. In order to strengthen the process of result declaration it is important to incorporate the following features:

- 1) Timeliness of declaration of result
- 2) Clarity of interpretation of the Result Card

3) Comprehensive Format

4) Accessibility

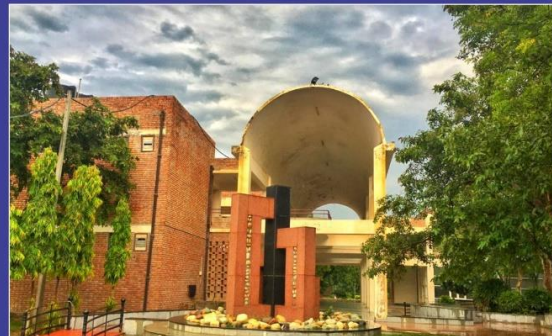
5) Verifiability



MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Dabwali Road, Bathinda (Pb.) - 151001

(Estd. by Govt. of Punjab Vide Punjab Act No. 5 of 2015) ONLY TECHNICAL UNIVERSITY OF PUNJAB HAVING UGC APPROVAL UNDER 2(f) AND 12 B OF UGC ACT, MEMBER AIU.



INTERNAL QUALITY ASSURANCE CELL
MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
(DABWALI ROAD, BATHINDA (PB.)- 151001)

ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਬਠਿੰਡਾ

MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

(A State Univ. Estd. by Govt. of Punjab vide Punjab Act No. 5 of 2015 and Approved u/s 2(f) & 12 (B) of UGC; Member AIU)

Bathinda-151001 (Punjab), India

REPORT

FACULTY DEVELOPMENT PROGRAMS/INDUCTION PROGRAMS CONDUCTED



MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Bathinda-151001 (Punjab), India

**FACULTY DEVELOPMENT
PROGRAMS/INDUCTION PROGRAMS
CONDUCTED**



2021

**INTERNAL QUALITY ASSURANCE CELL
MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
BATHINDA 151001**

FACULTY DEVELOPMENT PROGRAMS/INDUCTION PROGRAMS CONDUCTED

Prepared by:

- Dr. Pritpal Singh Bhullar, UBS, MRSPTU, Bathinda
- Ms. Aishveen Kaur, UBS, MRSPTU, Bathinda
- Mr. Naresh Dhawan, DEO, Public Relations, MRSPTU, Bathinda

Inputs by:

- Dr. Ashish Baldi, Director, IQAC



All rights reserved with MRSPTU

***Version 1
Year 2021***

INTERNAL QUALITY ASSURANCE CELL

**FACULTY DEVELOPMENT
PROGRAMS/INDUCTION PROGRAMS
CONDUCTED**

ONE DAY ECBC CAPACITY BUILDING WORKSHOP

Sr. No.	Event Details	Data
1.	Academic Year	2017
2.	Name of Department	GZS School of Architecture & Planning
3.	Title of Professional Event	One Day ECBC Capacity Building Workshop
4.	Date of Event Conducted	13.02.2017
5.	Name of Agency	ITA in collaboration with BEE, UNDP, NITTTTR and PEDDA
6.	Mode of Event	Physical Contact
7.	Total Number of Participants	90
8.	Summary of the Event	<p>One Day ECBC Capacity Building Workshop by IIA in collaboration with BEE, UNDP, NITTTTR and PEDDA on 13.02.2017. It proved highly beneficial to the participants as;</p> <ol style="list-style-type: none"> 1. It facilitated the faculty and students with Energy Conservation Building Codes 2013 Training to be incorporated in their design methodology for creating energy efficient built ups. 2. The need and scope of the codes use was explained followed by Documentation required for application of the codes. 3. They were enlightened with the importance and need to embody these codes in design followed by Approach towards their implementation. 4. The spectators were acquainted with the behavioral difference of the building envelope with and without implementation of ECBC codes while construction. 5. The design considerations as a part of the codes for heating, ventilation, air conditioning and lighting in the building interiors discussed keeping the design a sustainable one. 6. Various Implementation and Enforcement Models were presented by PEDDA to make the participants familiar with the Energy Conservation Building Codes.
9.	Photo of the Event	 

STC ON “OPEN SOURCE TECHNOLOGIES”

Sr. No.	Event Details	Data
1.	Academic Year	2016-2017
2.	Name of Department	Computer Science & Engineering
3.	Title of Professional Event	STC on “Open Source Technologies”
4.	Date of Event Conducted	29.08.2016-02.09.2016
5.	Name of Agency	NITTTR Chandigarh
6.	Mode of Event	ICT Based
7.	Total Number of Participants	22
8.	Summary of the Event	<p>ICT based STC on the topic "Open Source Technologies" was conducted at Giani Zail Singh Campus College of Engineering and Technology, Maharaja Ranjit Singh Punjab Technical University (GZSCET, MRSPTU), Bathinda from 29-8-2016 to 02- 9-2016 (Five Days). GZSCCET MRSPTU Bathinda was selected as Remote Centre by NITTTR Chandigarh for conduct of this STC. Total 22 participants of GZSCCET MRSPTU Bathinda attended this Short Term Course.</p> <p>Resource persons from NITTTR Chandigarh, UIET Panjab University, U-NET solutions Moga and Magma Research and Consultancy Pvt. Ltd Ambala delivered the expert talks on the latest topics like Python programming, NoSQL, Weka Tools, R Language for Analytics , Social network Analysis tools, GIT platform for open Source Technologies etc,</p> <p>Overall the Short Term Course was very informative and all the participants appreciated the efforts of the CSE Department for conducting this course. Dr. M.P Singh Ishar, Vice Chancellor MRSPTU Bathinda and Dr. Gursharan Singh, Campus Director GZSCCET Bathinda appreciated the efforts of CSE Department GZSCCET, MRSPTU Bathinda for conducting such a useful short term course to enhance technical knowledge of Faculty/Staff of GZSCCET, MRSPTU Bathinda.</p>
9.	Photo of the Event	



**SMART GRID:- RENEWABLE INTEGRATION, ENERGY STORAGE AND
SUSTEM OPERATION FOR SUSTAINABLE DEVELOPMENT**

Sr. No.	Event Details	Data
1.	Academic Year	2016-2017
2.	Name of Department	Electrical Engineering
3.	Title of Professional Event	Smart Grid:- Renewable Integration, Energy Storage and System Operation for Sustainable Development
4.	Date of Event Conducted	11.02.2017-13.02.2017
5.	Mode of Event	Physical
6.	Total Number of Participants	240
7.	Summary of the Event	<p>Due to ever increasing demand of electricity and environmental hazards associated with the use of conventional sources of energy, electrical power generation from renewable sources is increasing now a days. However continuous and expanded growth of the share of renewables in centralized and decentralized grids requires new approach for grid management known as “Smart Grids”. Electronic power conditioning and control of the production and distribution of electricity are important aspects of the smart grid.</p> <p>A smart grid is an electrical grid which includes a variety of operation and energy measures including, smart meters, smart distribution boards and circuit breakers integrated with home control and demand response, load control switches and smart appliances, renewable energy resources, including capacity to charge parked (electric vehicle) batteries or other energy storage devices. Sufficient utility grade fiber broadband is required to connect and monitor the above, with wireless as backup.</p> <p>The electric grid is a network of transmission lines, substations, transformers and other equipment that deliver electricity from power plants to consumers. The digital technology that allows for two-way communication between the utility and its customers, and the sensing along the transmission lines is what makes the grid smart. The smart grid consists of controls, computers, automation, and new technologies and equipment working together with the electrical grid to respond digitally to our quickly changing electric demand. The benefits</p>


associated with the smart grid include, More efficient transmission of electricity, quicker restoration of electricity after power disturbances, reduced operations and management costs for utilities that ultimately lower power costs for consumers, reduced peak demand, which will also help lower electricity rates, increased integration of large-scale renewable energy systems, improved security etc.

This workshop addressed the issues of renewable energy integration under smart grid environment. The control, protection and operation issues in smart and micro-grid environment were discussed. The speakers have presented the role of energy storage, electric vehicles and demand response case studies including the presentation on real time simulator of OPAL-RT on micro-grid operation. Hands on tutorial session on GAMS optimization software with some case study was also held. The workshop proved to be useful for the research scholars working in the areas of smart grid, power system optimization and micro-grid systems etc.

8. Photo of the Event



FRONTIER AREAS IN TEXTILE

Sr. No.	Event Details	Data
1.	Academic Year	2016-2017
2.	Name of Department	Textile Engineering
3.	Title of Professional Event	Frontier Areas In Textile
4.	Date of Event Conducted	24.09.2016
5.	Name of Agency	GZSCCET, MRSPTU
6.	Mode of Event	Physical
7.	Total Number of Participants	57
8.	Summary of the Event	<p>Since the invention of the wheel to the use of microchips in computers and mobiles, technology has come a long way. Technology is one of the key influences that shape our society. Engineers don't just work with machines, designs and electronics, but use other tools as well to provide innovation and inventions that shape our society and improve the way we live and work. This means that engineers and Technologists have a responsibility and also a great opportunity to ensure that they have a positive influence in society. Some Remarkable developments and innovations of recent past which have revolutionized the world are Artificial Intelligence, Nano Technology, Smart materials etc. Where these Innovations have brought ease and comfort in life. However, serious issues and challenges have also been raised. This symposium will delve into latest technological developments in various fields of engineering and Technologies addressing various issues and challenges arisen out of these developments. With these perspectives following objectives have been set for this Symposium:</p> <ol style="list-style-type: none"> 1. Making the faculty and students aware about the current engineering practices and Technical developments 2. Sharing knowledge about Innovative applications of technologies in diverse areas of applications. 3. Spreading awareness about the Ethical issues in Engineering/Technical profession. <p>Engineering plays a key role in supporting the growth and development of a country's economy as well as in improving the quality of life for citizens. But there are some ethical issues which don't allow achieving its desired objectives. There is a dire need that these technological innovations be seen in right perspective for their applications.</p> <p>Any technology or innovation can be made more and more useful for the mankind if it has got inputs from various areas and directions of technologies. This Symposium proposes to touch the critical features and application possibilities of different technologies and their management, so that holistic approach can be developed in Research and teaching in institutions across the country which ultimately reaches to our students, Industry and finally to the society at large.</p>
9.	Photo of the Event	



**WORLD HABITAT DAY & GANDHI JYANT CELEBRATION IN
COMMEMORATION OF COMMITMENT OF ARCHITECTS TOWARDS NEED
OF ' HOUSING FOR ALL'**

Sr. No.	Event Details	Data
1.	Academic Year	2017
2.	Name of Department	GZS School of Architecture & Planning
3.	Title of Professional Event	World Habitat Day & Gandhi Jyant Celebration in commemoration of commitment of Architects towards need of ' Housing for All'
4.	Date of Event Conducted	11.10.2017
5.	Name of Agency	GZS School of Architecture & Planning in collaboration with Ar. Sangeet Sharma and Ar. Jit Kumar Gupta
6.	Mode of Event	Physical
7.	Total Number of Participants	120
8.	Summary of the Event	<p>In regard of World Habitat Day & Gandhi Jyanti Celebration, event was organized on 11.10.2017 in commemoration of commitment of Architects towards need of 'Housing for All'. The experts of the day Ar. Sangeet Sharma, practicing Architect and Ar. Jit Kumar Gupta, the former Chief Town Planner Punjab addressed the key issues related to Housing that is the national issue having extreme importance.</p> <ol style="list-style-type: none"> 1. Architect Sangeet Sharma focused on the methodology of Sustainable Design to be achieved in order to have self-sustainable neighborhoods, discussing various projects undertaken by him (residential, commercial and institutional, high rise and low rise). 2. He shared the implementation of the ECBC Codes through one of the School designed by him enhancing the importance of the Codes to achieve an energy efficient built up. 3. He also talked about the works of famous Architects highlighting the sustainable or energy efficient features used in their particular works 4. Another Expert of the day, Ar. Jit Kumar Gupta explained the lines of development for the sustainable settlements that should cater the growing demands of the residents. 5. He discussed the increasing population trends in our country and as a consequence overburdening of the existing infrastructural facilities and housing shortage.

	6. The expert showed the concern to house all, provide basic facilities to support the survival that can be achieved by producing self-sufficient settlements without affecting the environment.
9.	Photo of the Event
	 

TWO DAYS CAPACITY BUILDING WORKSHOPS ON PUNJAB ECBC BY PEDA, BEE AND UNDP

Sr. No	Event Details	Data
1.	Academic Year	2017-2018
2.	Name of Department	Architecture & Planning
3.	Title of Professional Event	Two Days Capacity Building workshops on Punjab ECBC by PEDA, BEE and UNDP
4.	Date of Event Conducted	15 and 16 Feb, 2018
5.	Name of Agency	PEDA, BEE & UNDP
6.	Mode of Event	Physical Contact
7.	Total Number of Participants	80
8.	Summary of the Event	<p>Two Days Capacity Building Workshop on Punjab ECBC by PEDA, BEE and UNDP was organized in the department on 15.02.2018 to 16.02.2018 to promote awareness, training and capacity building on ECBC focusing on addressing the implementation of Punjab ECBC In the state.</p> <ol style="list-style-type: none"> 1. It facilitated the faculty and students with Energy Conservation Building Codes 2017 Training highlighting the difference from the 2013 Codes to be implemented in the state. 2. The scope of the codes application for commercial built ups, hotels, hospitals, and group housing complexes was explained followed by Documentation required for application of the codes. 3. The experts demonstrated the electrical load calculations for the buildings with and without compliance of ECBC of hence understanding the difference. 4. The characteristics of the building envelope were discussed with changing behavior of sun enhancing the heat gain through walls, roof, windows and other openings. 5. Various building materials for facades and roofs were displayed and their characteristics were explained that can help to make built ups energy efficient. 6. The design considerations as a part of the codes for heating, ventilation, air conditioning and lighting in the building interiors discussed keeping the design a sustainable one.

7. ECBC Lighting Compliance was discussed explaining the mandatory requirements for the same and its importance to achieve energy efficient envelopes.

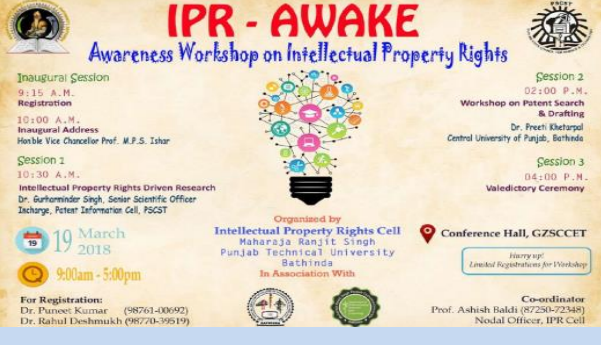
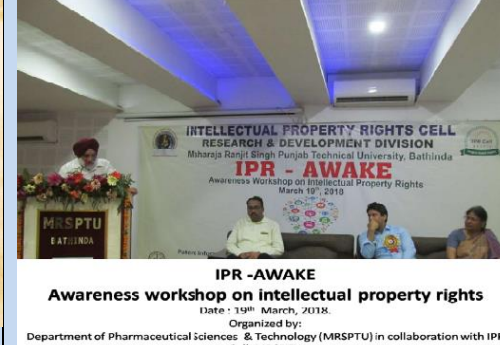
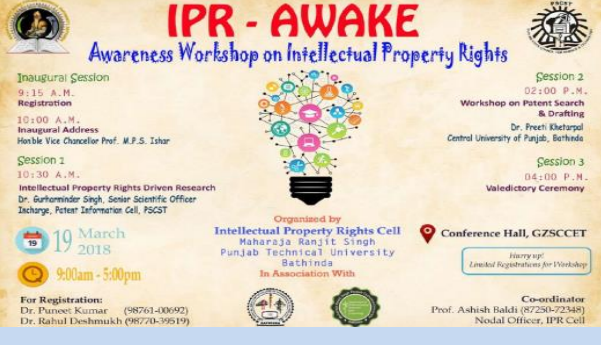
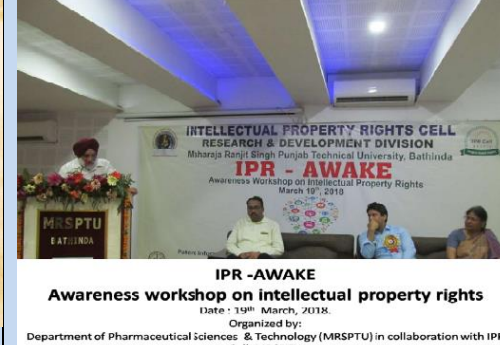
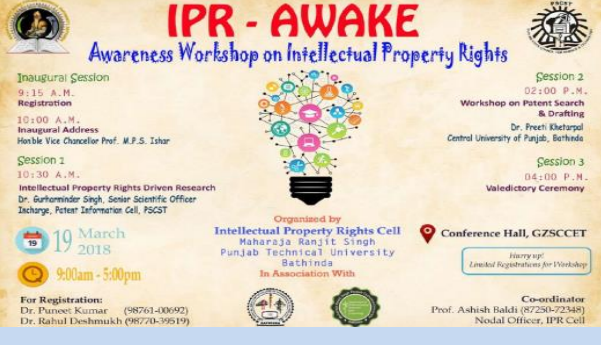
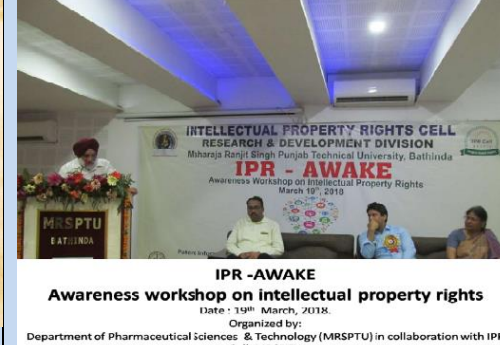
9. Photo of the Event




MOTIVATIONAL EXPERT LECTURE ON 'NEVER GIVE UP'.

Sr. No	Event Details	Data
1.	Academic Year	2018
2.	Name of Department	GZS School of Architecture and Planning
3.	Title of Professional Event	Motivational Expert Lecture on 'Never Give Up'.
4.	Date of Event Conducted	06.04.2018
5.	Name of Agency	GZS School of Architecture & Planning in collaboration with Arun Pandit, TRUX APP, Pvt. Ltd.
6.	Mode of Event	Physical
7.	Total Number of Participants	105
8.	Summary of the Event	
	<p>Motivational Expert Lecture on 'Never Give Up' by Arun Pandit, VP, Business Operations, TRUXAPP, Pvt. Ltd. Delhi was organized on 06.04.2018 by the Department to;</p> <ol style="list-style-type: none"> 1. Build confidence among students and motivate to never give up and stay strong even if encounter failure. 2. The expert for the day infused the sense of healthy competition among the them so as to use their energy in productive way. 3. He shared his own experiences to make the audience understand both positive and negative sides of the life considering both as the 'two facets of a coin'. 4. Students were taught that life is neither a bed of roses nor a thorny bushes, all we need id to have balanced approach. 5. He enforced that the task or desire will never be too hard to be achieved if one is determined not to leave it unturned till its accomplishment. 6. The expert tried to inculcate the need to remember that 'Success isn't permanent and Failure isn't fatal' therefore rather than giving up we should learn from our mistakes and keep moving on. 	
9.	Photo of the Event	
	<div style="display: flex; justify-content: space-between;"> <div data-bbox="276 1370 842 1673" style="width: 45%;"> <p style="text-align: center;">School of Architecture and Planning, Maharaja Ranjit Singh Punjab Technical University, Bathinda</p> <p style="text-align: center;">INVITES YOU TO</p> <p style="text-align: center;">MOTIVATIONAL EXPERT LECTURE ON</p> <p style="text-align: center;">'NEVER GIVE UP'</p> <p style="text-align: center;">Arun Pandit® Founder DontGiveUpworld.com & Community Member AIMA YLC & FICCI (Logistics Committee) Former Guinness World Record Holder Guest Writer & Speaker</p> <p style="text-align: right;">06 May 2018, 10 A.M Conference Room.</p> <p style="text-align: right;">DONT GIVE UP</p> </div> <div data-bbox="850 1370 1399 1673" style="width: 50%;"> </div> </div>	

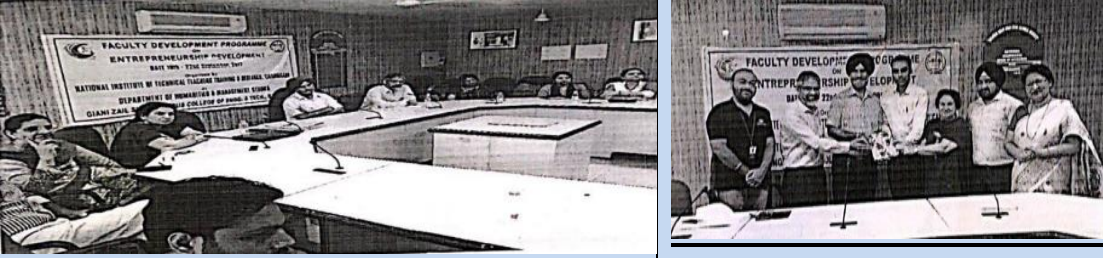
PATENT INFO. CELL, PUNJAB STATE COUNCIL FOR SCIENCES & TECHNOLOGY, CHANDIGARH

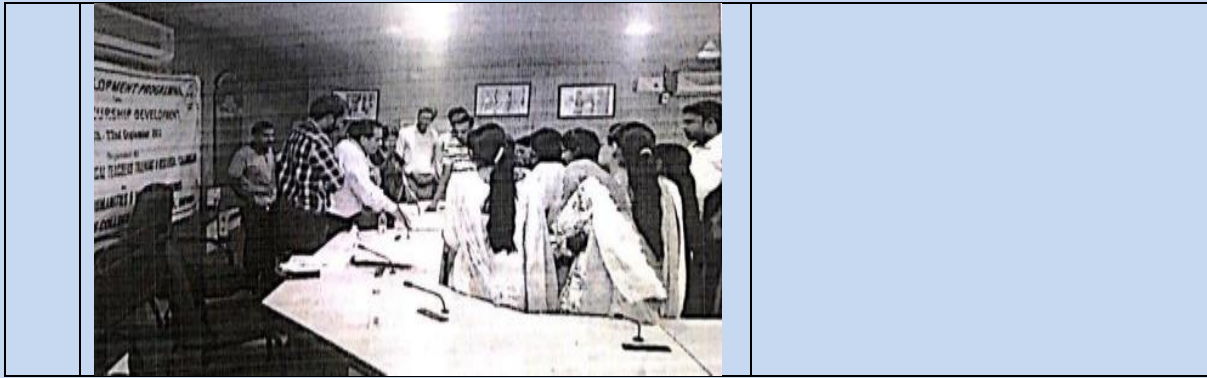
Sr. No	Event Details	Data								
1.	Academic Year	2018-2018								
2.	Name of Department	DOPST, MRSPTU, Bathinda								
3.	Title of Professional Event	Awareness Workshop on IPR								
4.	Date of Event Conducted	19-03-2018								
5.	Name of Agency	Patent info. Cell, Punjab State Council for Sciences & Technology, Chandigarh								
6.	Mode of Event	Physical								
7.	Total Number of Participants	76								
8.	Summary of the Event									
<p>Detail of Awareness workshop on intellectual property rights</p> <table border="1" data-bbox="284 864 1385 1003"> <thead> <tr> <th colspan="2" data-bbox="284 864 1385 902">One day workshop on intellectual property rights</th> </tr> </thead> <tbody> <tr> <td data-bbox="284 902 820 936">Venue:</td> <td data-bbox="820 902 1385 936">Conference Hall, GZSCCET/MRSPTU</td> </tr> <tr> <td data-bbox="284 936 820 969">Date</td> <td data-bbox="820 936 1385 969">19th March, 2018,</td> </tr> <tr> <td data-bbox="284 969 820 1003">Funding Agencies</td> <td data-bbox="820 969 1385 1003">IPR Cell MRSPTU</td> </tr> </tbody> </table> <p>Department of Pharmaceutical Sciences & Technology (MRSPTU) in collaboration with IPR Cell, MRSPTU organized workshop on IPR Awake. Participants or faculty members of various departments from MRSPTU and GZSCCET participated in this one day program. The main aim of this workshop was to generate awareness among researchers and faculty members towards importance and issues of intellectual property right (patent). The function was inaugurated by Hon'ble Vice chancellor, MRSPTU Prof. M.P.S. Ishar and he elaborated the importance of patent of academic research outcomes.</p>			One day workshop on intellectual property rights		Venue:	Conference Hall, GZSCCET/MRSPTU	Date	19 th March, 2018,	Funding Agencies	IPR Cell MRSPTU
One day workshop on intellectual property rights										
Venue:	Conference Hall, GZSCCET/MRSPTU									
Date	19 th March, 2018,									
Funding Agencies	IPR Cell MRSPTU									
9.	Photo of the Event									
<table border="1"> <tr> <td data-bbox="284 1312 887 1655">  </td> <td data-bbox="887 1312 1398 1655">  </td> </tr> </table>										
										

LASER DEVELOPMENT & APPLICATIONS

Sr. No	Event Details	Data
1.	Academic Year	2017-2018
2.	Name of Department	Department of Physics
3.	Title of Professional Event	Laser Development & Applications
4.	Date of Event Conducted	3 rd July, 2017 to 7 th July, 2017
5.	Name of Agency	NITTTR, Chandigarh
6.	Mode of Event	Physical Contact
7.	Total Number of Participants	34
8.	Summary of the Event	
	<p>The Department of Physics of Maharaja Ranjit Singh Punjab Technical University Bathinda organized five days Faculty Development program sponsored by National Institute of Technical Teacher Training and Research Chandigarh on Curriculum Design from 3rd July 2017 to 7th July 2017. Dr. B. C. Choudhary, Professor, Department of Applied Sciences, NITTTR, Chandigarh was the Course Coordinator. The objective of the course was to enhance the knowledge of participants about development of lasers and laser-based technologies. The emphasis of the course was on understanding lasing mechanisms, applications in different areas, laser handling and optics experiments using different lasers. Field visits were arranged to supplement the factual knowledge about device with the applied aspects. The Course Contents were LASERS: Overview and Developments; Lasing Principles, Design and Characteristics: Laser Types: Solid, Gas and Liquid; Laser Applications: Optical Communication, Material processing, Holography, Hospitals etc. and Laboratory Experiments and Field visit etc. There was no registration fee for course. Each participant was given a CD of sponsored by NITTTR Chandigarh after the completion of the program. All the participants were given certificates. There was mandatory condition that each participant had to attend minimum 80% of the lectures. The program was highly beneficial for teachers.</p>	
9.	Photo of the Event	
		

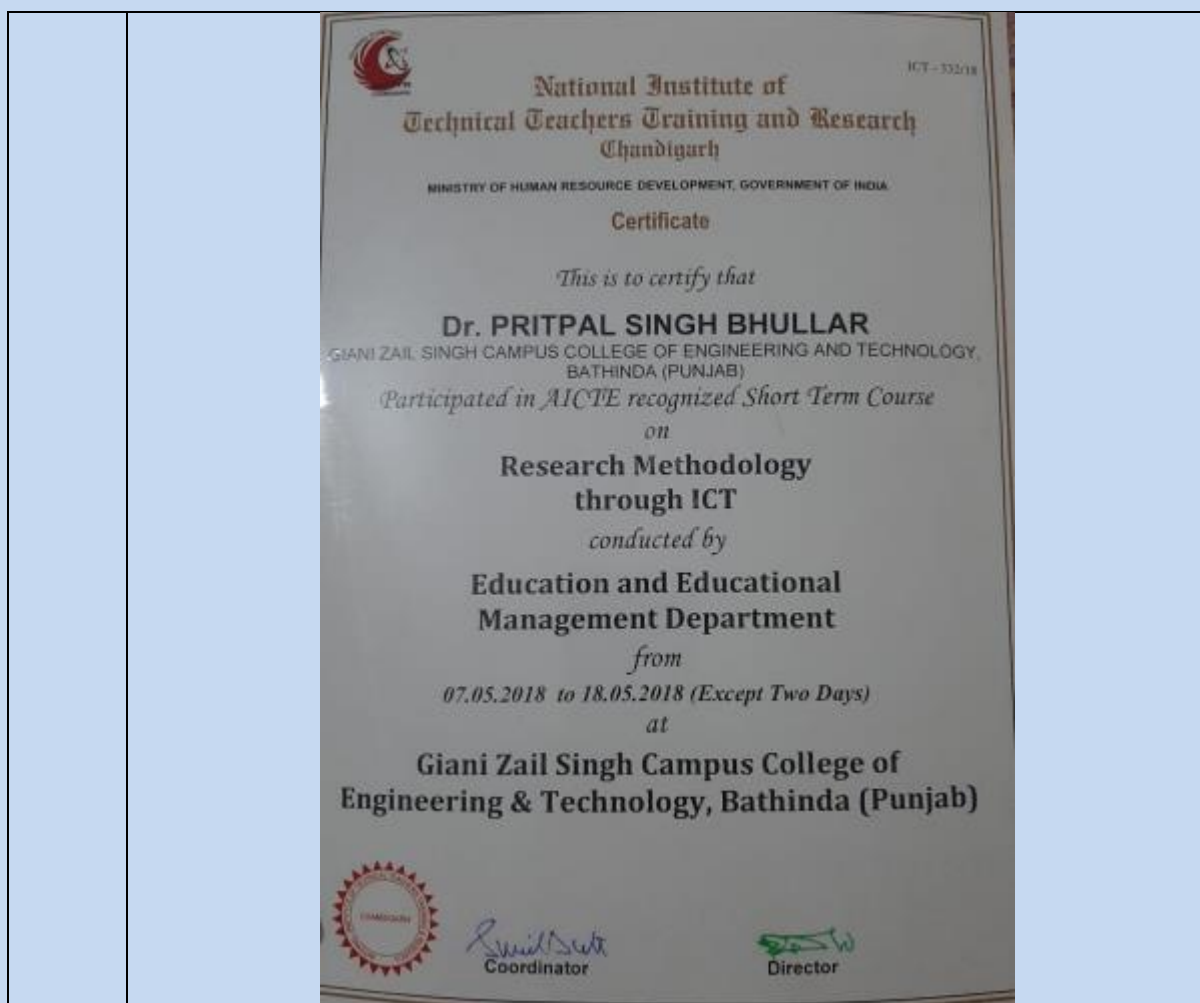
ENTREPRENEURSHIP DEVELOPMENT

Sr. No	Event Details	Data
1.	Academic Year	2017-2018
2.	Name of Department	University Business School
3.	Title of Professional Event	Entrepreneurship Development
4.	Date of Event Conducted	18/09/2018- 22/09/2018
5.	Name of Agency	NITTTR Chandigarh
6.	Mode of Event	ICT Based
7.	Total Number of Participants	37
8.	Summary of the Event	
	<p>Dates: 18.09.2017 to 22.09.2017 No. of Participants: 31 This Faculty Development Program (FDP) is designed to train and develop professionals in the area of entrepreneurship, innovation and incubation in which they can act as resource persons in guiding and motivating students to take up entrepreneurial careers. The outcome of the FDP is likely to provide essential tools and techniques through diverse hand-on training modules. With such an aptitude, the knowledge of tools of entrepreneurship would enhance the practicing skills of the Faculty Members/Teachers, who, in turn, can apply them for linking classroom teaching for motivating the students towards entrepreneurial career. Benefits of the programme:</p> <ul style="list-style-type: none"> • Create an awareness of the need and importance of entrepreneurship. • Impart knowledge and develop skills in diverse training methods in imparting training to students and entrepreneurs. • Plan a curriculum that can imbibe the skills and competencies to achieve goals directed by values, have a positive attitude and have the ability to cope with the changing times. • Develop teachers with an entrepreneurial and professional mindset. • Make them aware about promotional financial & regulating schemes for Micro Small and Medium Enterprise (MSME). • Guide them for techniques of preparation of feasible & viable projects. • Guide them for Techniques of proposal preparation. 	
9.	Photo of the Event	
		




RESEARCH METHODOLOGY

Sr. No.	Event Details	Data
1.	Academic Year	2017-2018
2.	Name of Department	University Business School
3.	Title of Professional Event	Research Methodology
4.	Date of Event Conducted	07/05/2018-18/05/2018
5.	Name of Agency	NITTTR Chandigarh
6.	Mode of Event	ICT Based
7.	Total Number of Participants	38
8.	Summary of the Event	
	<p>Dates: 07.05.2018 to 18.05.2018 No. of Participants: 38 Research Methods has become an integral part of almost all areas of management, social sciences, humanities research. Advancement in computing technology has further raised the importance of data analytics and placed great demands on its applications to complex decision making problems. The programme addressed issues in research methods and data analytics like selection of appropriate analytical tools, right software, interpretation of outputs and effective report writing. The objective of this programme was to emphasize on broad range of techniques available in research methods and data analytics for academicians, practitioners and researchers from interdisciplinary domains.</p> <p>Course Benefits: The specific course objectives were to enable the participating teachers to identify areas of research, define research problem, review research literature, select appropriate design of research, select appropriate technique of sampling, design tools for collection of data, analyze data and write research report.</p>	
9.	Photo of the Event	



**ONE DAY DISTRICT LEVEL WORKSHOP-CUM-EXHIBITION OF ENERGY
EFFICIENT BUILDING MATERIALS APPLIANCES**

Sr. No.	Event Details	Data
1.	Academic Year	2019
2.	Name of Department	Architecture and Planning
3.	Title of Professional Event	One Day District Level workshop-cum-Exhibition of Energy Efficient Building Materials Appliances
4.	Date of Event Conducted	20 Feb, 2019
5.	Name of Agency	PEDA
6.	Mode of Event	Physical
7.	Total Number of Participants	75
8.	Summary of the Event	
	One Day District Level Workshop-cum-Exhibition of Energy Efficient Building Material/ Appliances was organized on 20.02.2019 by PEDDA to benefit the participants as; 1. It made them familiar with the Energy Efficient Building materials and appliances. 2. The technical session elucidated the importance and usage of solar technologies.	

	<p>3. Different companies showcased the Rooftop Solar Plants and demonstrated their installation and working.</p> <p>4. Various building materials for facades were displayed and their characteristics were explained that can help to make built ups energy efficient.</p> <p>5. Besides, the Advanced Building Automation Systems which are available in the market for installation were introduced.</p> <p>6. These included the devices for automatic centralized control of a building's HVAC (heating, ventilation and air conditioning), electrical, lighting and shading for the facades.</p> <p>7. The audience was acquainted with their working with respect to change in sun direction throughout the day.</p> <p>8. It facilitates the faculty and students with Energy Conservation Building Code's Training to be incorporated in their design methodology for creating energy efficient built ups.</p> <p>1. 9. They were enlightened with the importance and need to embody these systems to make energy efficient envelops clarifying that although the installation expenses are higher but savings of energy with their installation proves them environment and budget friendly.</p>
9.	Photo of the Event
	
10.	News of the Event

ਸੂਰਜੀ ਊਰਜਾ ਸਬੰਧੀ ਲਗਾਈ ਵਰਕਸ਼ਾਪ

ਪੰਜਾਬੀ ਜਾਗਰਣ ਪ੍ਰਤੀਨਿਧੀ, ਬਠਿੰਡਾ

ਪੰਜਾਬ ਊਰਜਾ ਵਿਕਾਸ ਏਜੰਸੀ (ਪੇਡਾ) ਵੱਲੋਂ ਡਿਜ਼ਾਈਨ 2 ਓਕੂਪੈਂਸੀ ਦੇ ਸਹਿਯੋਗ ਨਾਲ ਗਿਆਨੀ ਜੈਲ ਸਿੰਘ ਸਕੂਲ ਆਫ ਆਰਕੀਟੈਕਚਰ, ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਵਿਖੇ ਇਕ ਜ਼ਿਲ੍ਹਾ ਪੱਧਰੀ ਵਰਕਸ਼ਾਪ 'ਤੇ ਪ੍ਰਦਰਸ਼ਨੀ ਲਾਈ ਗਈ।

ਇਸ ਸੌਕੇ 'ਤੇ ਬੋਲਦਿਆਂ ਪੇਡਾ ਦੇ ਸੀਨੀਅਰ ਮੈਨੇਜਰ ਮੁਖਿਲ ਲਾਲ ਨੇ ਦੱਸਿਆ ਕਿ ਹੁਣ ਆਉਣ ਵਾਲੇ ਸਮੇਂ ਵਿੱਚ ਇਮਾਰਤਾਂ ਲਈ ਪੰਜਾਬ ਊਰਜਾ ਬਚਾਉ ਬਿਲਡਿੰਗ ਕੋਡ (ਈਸੀਬੀਸੀ) ਦੀ ਪਾਲਣਾ ਕਰਨਾ ਲਾਜ਼ਮੀ ਕਰ ਦਿੱਤਾ ਗਿਆ ਹੈ। ਉਨ੍ਹਾਂ ਨੇ ਪੇਡਾ ਵੱਲੋਂ ਸੂਰਜੀ ਊਰਜਾ ਦੀ ਵਰਤੋਂ ਅਤੇ ਊਰਜਾ ਬਚਾਉਣ ਸਬੰਧੀ ਸ਼ੁਰੂ ਕੀਤੀਆਂ ਸਕੀਮਾਂ ਬਾਰੇ ਵਿਸਥਾਰ ਨਾਲ ਚਾਨਣਾ ਪਾਇਆ। ਰਿਪੁਦਮਨ ਸਿੰਘ ਆਰਕੀਟੈਕਚਰ ਵਿਭਾਗ ਦੇ ਮੁਖੀ ਇਸ ਪ੍ਰੋਗਰਾਮ ਦੇ ਗੈਸਟ ਆਫ ਆਠਰ ਸਨ। ਉਨ੍ਹਾਂ ਕਿਹਾ ਕਿ ਊਰਜਾ ਦੀ ਵਿਆਪਕ ਵਰਤੋਂ ਕਰਕੇ ਗਲੋਬਲ ਵਾਰਮਿੰਗ ਦਿਨ-ਦਿਨ ਵੱਧ ਰਹੀ ਹੈ। ਉਨ੍ਹਾਂ



ਪੇਡਾ ਵੱਲੋਂ ਲਾਈ ਪ੍ਰਦਰਸ਼ਨੀ 'ਚ ਜਾਣਕਾਰੀ ਲੈਂਦੇ ਹੋਏ।

ਸੁਝਾਅ ਦਿੱਤਾ ਕਿ ਘਰੇਲੂ ਅਤੇ ਛੋਟੀਆਂ ਇਮਾਰਤਾਂ ਨੂੰ ਵੀ ਪੰਜਾਬ ਈਸੀਬੀਸੀ ਦੇ ਘੇਰੇ ਹੇਠ ਲਿਆਉਣਾ ਚਾਹੀਦਾ ਹੈ, ਕਿਉਂਕਿ ਇਹ ਊਰਜਾ ਖਪਤ ਵਾਲੀਆਂ ਇਮਾਰਤਾਂ ਦਾ ਵੱਡਾ ਹਿੱਸਾ ਹੈ। ਇਸ ਸੌਕੇ ਉਦਯੋਗ ਦੇ ਮਾਹਿਰਾਂ ਵੱਲੋਂ ਮਾਰਕੀਟ ਵਿੱਚ ਉਪਲਬਧ ਨਵੀਂ ਤਕਨਾਲੋਜੀ ਤੇ ਬਿਲਡਿੰਗ

ਸਮੱਗਰੀ ਬਾਰੇ ਵਿਸਥਾਰ ਨਾਲ ਚਰਚਾ ਕੀਤੀ ਗਈ। ਊਰਜਾ ਬਚਾਉ ਇਮਾਰਤ ਸਮੱਗਰੀ ਜਿਵੇਂ ਕਿ ਏਏਸੀ ਬਲਾਕ, ਖੁਪਲੇ ਬਲਾਕ, ਇੰਸੂਲੇਸ਼ਨ, ਦੂਹਰੇ ਗਲੇਜ਼ਡ ਗਲਾਸ, ਐਸਆਰਆਈ ਟਾਇਲਸ, ਸੋਲਰ ਪੀਵੀ ਅਤੇ ਮੋਟਰਜ਼ ਆਦਿ ਦਾ ਪ੍ਰਦਰਸ਼ਨ ਕੀਤਾ ਗਿਆ।

PEDA: Comply with energy conservation building code

TRIBUNE NEWS SERVICE

BATHINDA, FEBRUARY 21

Executive members of Punjab Energy Development Agency (PEDA) in association with Design2Occupancy conducted a district-level workshop-cum-exhibition in Giani Zail Singh School of Architecture, Maharaja Ranjit Singh Punjab Technical University, Bathinda, to demonstrate energy efficient building materials.

Makhan Lal, senior manager, PEDA, Bathinda, said, "It is now mandatory to comply with Punjab Energy Conservation Building Code (ECBC) for upcoming buildings having connected load 100 kW or more."

He gave a descriptive account of the various solar and energy conservation

schemes and initiatives taken up by PEDA in generation of power using solar technologies.

Ripudaman Singh, head of architecture department, was the guest of honour at the event who said, "Due to extensive use of energy, global warming is increasing day-by-day. Every domestic and small scale buildings should also come under the scope of Punjab ECBC as these constitute major portion of energy consuming buildings."

The participants deliberated on new technologies and materials available in the market by the industry experts. Energy Efficient building materials like AAC blocks, hollow blocks, insulation, double-glazed glass, SRI tiles, etc were displayed.

ਰੋਜ਼ਾਨਾ ਸਪੈਕਸਮੈਨ

ਸ਼ੁਕਰਵਾਰ, 22 ਫ਼ਰਵਰੀ 2019

ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਯੂਨੀਵਰਸਿਟੀ ਵਿਖੇ 'ਪੇਡਾ' ਵਲੋਂ ਕਾਰਜਸ਼ਾਲਾ ਅਤੇ ਪ੍ਰਦਰਸ਼ਨੀ ਲਾਈ ਗਈ

ਬਠਿੰਡਾ, 21 ਫ਼ਰਵਰੀ (ਸੁਖਜਿੰਦਰ ਮਾਨ): ਪੰਜਾਬ ਊਰਜਾ ਵਿਕਾਸ ਏਜੰਸੀ (ਪੇਡਾ) ਵਲੋਂ ਡਿਜ਼ਾਈਨ 2 ਓਕੁਪੈਂਸੀ ਦੇ ਸਹਿਯੋਗ ਨਾਲ ਗਿਆਨੀ ਜ਼ੈਲ ਸਿੰਘ ਸਕੂਲ ਆਫ ਆਰਕੀਟੈਕਚਰ ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਵਿਖੇ ਇਕ ਜ਼ਿਲ੍ਹਾ ਪੱਧਰੀ ਵਰਕਸ਼ਾਪ 'ਤੇ ਪ੍ਰਦਰਸ਼ਨੀ ਦਾ ਆਯੋਜਨ ਕੀਤਾ ਗਿਆ।

ਇਸ ਮੌਕੇ 'ਤੇ ਬੋਲਦਿਆਂ ਪੇਡਾ ਦੇ ਸੀਨੀਅਰ ਮੈਨੇਜਰ ਮੁਖਣ ਲਾਲ ਨੇ ਦੱਸਿਆ ਕਿ ਹੁਣ ਆਉਣ ਵਾਲੇ ਸਮੇਂ ਵਿੱਚ ਇਮਾਰਤਾਂ ਲਈ ਪੰਜਾਬ ਊਰਜਾ ਬਚਾਉ ਬਿਲਡਿੰਗ ਕੋਡ (ਈ.ਸੀ.ਬੀ.ਸੀ.) ਦੀ ਪਾਲਣਾ ਕਰਨਾ ਲਾਜ਼ਮੀ ਕਰ ਦਿੱਤਾ ਗਿਆ ਹੈ। ਉਨ੍ਹਾਂ ਨੇ ਪੇਡਾ ਵਲੋਂ ਸੂਰਜੀ ਊਰਜਾ ਦੀ ਵਰਤੋਂ ਅਤੇ ਊਰਜਾ ਬਚਾਉਣ ਸਬੰਧੀ ਸ਼ੁਰੂ ਕੀਤੀਆਂ ਸਕੀਮਾਂ ਬਾਰੇ ਵਿਸਥਾਰ ਨਾਲ ਚਾਨਣਾ ਪਾਇਆ।

ਆਰਕੀਟੈਕਚਰ ਵਿਭਾਗ ਦੇ ਮੁਖੀ ਰਿਪੁਦਮਨ ਸਿੰਘ ਨੇ ਕਿਹਾ ਕਿ ਊਰਜਾ

ਦੀ ਵਿਆਪਕ ਵਰਤੋਂ ਕਰਕੇ ਗਲੋਬਲ ਵਾਰਮਿੰਗ ਦਿਨੋ-ਦਿਨ ਵੱਧ ਰਹੀ ਹੈ। ਉਨ੍ਹਾਂ ਸੁਝਾਅ ਦਿੱਤਾ ਕਿ ਘਰੇਲੂ ਅਤੇ ਛੋਟੀਆਂ ਇਮਾਰਤਾਂ ਨੂੰ ਵੀ ਪੰਜਾਬ

ਈ.ਸੀ.ਬੀ.ਸੀ. ਦੇ ਘੋਰੇ ਹੇਠ ਲਿਆਉਣਾ ਚਾਹੀਦਾ ਹੈ, ਕਿਉਂਕਿ ਇਹ ਊਰਜਾ ਖਪਤ ਵਾਲੀਆਂ ਇਮਾਰਤਾਂ ਦਾ ਵੱਡਾ ਹਿੱਸਾ ਹੈ।



SYSTEM DESIGNING WITH SMART CONTROLLERS

Sr. No.	Event Details	Data
1.	Academic Year	2019
2.	Name of Department	Electronics & Communication Engg.
3.	Title of Professional Event	System Designing with Smart Controllers
4.	Date of Event Conducted	27-05-2019 to 31-05-2019
5.	Name of Agency	NITTTR, Chandigarh
6.	Mode of Event	ICT Based
7.	Total Number of Participants	17
8.	Summary of the Event	
	<p>The Department of Electronics & Communication Engineering, Giani Zail Singh Campus College of Engineering & Technology MRSPTU, Bathinda in collaboration with National Institute of Technical Teachers Training and Research, Chandigarh organized ICT based one week Faculty Development Programme on "System Designing with Smart Controllers" from 27-5-2019 to 31-5-2019 in computer lab of ECE department for faculty members of GZSCCET, MRSPTU Bathinda. The Head of Department Dr. Neeraj Gill welcomed all the participants and give brief introduction about the faculty development programme.</p> <p>Various resource persons from academia and industry share knowledge about latest and smart controllers. Embedded controllers are important cores for most smart products. A controller will manage various functions in an electronic product, such as mobile phone. In order to develop smart products the embedded controller is asked the more powerful performance.</p> <p>Dr. Neeraj Gill, Head: Department of ECE congratulated all the participants, appreciated the Resource Persons and coordinators of this FDP.</p>	
9.	Photo of the Event	




मानव संसाधन विकास विभाग
 (Human Resource Development)

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

प्रमाणपत्र

This is to certify that

MANOJ SHARMA



GIANI ZAIL SINGH CAMPUS COLLEGE OF ENGINEERING AND TECHNOLOGY, MRSPTU, BATHINDA, BATHINDA PUNJAB

Participated in the AICTE Recognized Faculty Development Programme

on

System Designing with Smart Controllers

Conducted by

Electronics and Communication Engineering Department

from

27/05/2019 to 31/05/2019 (One Week)

at

Giani Zail Singh Campus College of Engineering and Technology, MRSPTU, Bathinda, Punjab


 Coordinator


 Director

MOBILE BROADBAND TRANSFORMATION

Sr. No	Event Details	Data
1.	Academic Year	2019
2.	Name of Department	Electronics & Communication Engg.
3.	Title of Professional Event	Mobile Broadband Transformation
4.	Date of Event Conducted	13-05-2019 to 17-05-2019
5.	Name of Agency	NITTTR, Chandigarh
6.	Mode of Event	ICT
7.	Total Number of Participants	15
8.	Summary of the Event	
	<p>The Department of Electronics & Communication Engineering, Giani Zail Singh Campus College of Engineering & Technology MRSPTU, Bathinda in collaboration with National Institute of Technical Teachers Training and Research, Chandigarh organized ICT based one week Faculty Development Programme on “Mobile Broadband Transformation” from 13-5-2019 to 17.05.2019 in computer lab of ECE department for faculty members of GZSCCET, MRSPTU, Bathinda. The Head of Department Dr. Neeraj Gill welcomed all the participants and give brief introduction about the faculty development programme.</p> <p>Various Resource persons from academics and industry presents latest trends and technologies in the domain of mobile broadband and its allied areas. The mobile industry is in the process of massive transformation creating vast new capabilities that will benefit business and societies as a whole. The step from 3G to 4G was dramatic and the advances the industry is unleashing initially in 1.11 and then in 5G will be even greater. Standards bodies have not yet specified 5G that process is not expected until the 2020 timeframe.</p> <p>Dr. Neeraj Gill Head Department of ECE congratulated all the participants, appreciated the Resource Person and Coordinators of this FDP.</p>	
9.	Photo of the Event	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="text-align: center; font-size: small;">Department of ECE, GZSCCET, MRSPTU Short Term Course on Mobile Broadband Transformation From 13th May 2019 to 17th May 2019</p> <p style="text-align: center; font-size: small;">Short Term Course on</p> </div> <div style="width: 50%;"> </div> </div>	

CONTINUING EDUCATION PROGRAMME

Sr. No.	Event Details	Data
1.	Academic Year	2018-2019
2.	Name of Department	DOPST, MRSPTU, Bathinda
3.	Title of Professional Event	Continuing Education Programme
4.	Date of Event Conducted	27-10-2018 to 29-10-2018
5.	Name of Agency	DOPST, MRSPTU, Bathinda
6.	Mode of Event	Physical
7.	Total Number of Participants	30
8.	Summary of the Event	<p>Department of Pharmaceutical Sciences & Technology (MRSPTU) organized Continuing Education Programme (CEP) sponsored by Pharmacy Council of India (PCI) with theme “Recent Industrial Approaches in Pharmaceutical Arena: From Theory to Practice” from September 27 - 29, 2018. Participants or faculty from different PCI approved pharmacy institutions and university departments of various regions participated in this three day program. The main aim of this CEP was to bring together young and senior faculty from all PCI approved institutes across the country and provide a common platform to discuss the new ideas/methods to improve the teaching skills. The function was inaugurated by Hon’ble Vice chancellor, MRSPTU Prof. M.P.S. Ishar and he elaborate the role of a teacher as building blocks of this world and specially emphasize on role of pharmacist in healthcare system. The first scientific session was started with the lecture of Dr. Raj Kumar Coordinator, Centre of Pharmaceutical Sciences and Natural Products, Central University of Punjab, Bathinda on computer aided drug design. The Plenary lecture was delivered by Prof. Harish Dureja, Professor, Department of Pharmaceutical Sciences, M.D.U. Rohtak. He talks on “Quality by design (QbD) is an essential tool in the pharmaceutical environment for having product/process/method impregnated with quality. A revolutionary approach for optimization and screening of experimental parameters is “Design of Experiments” (DoE). DOE and statistical analysis have been applied widely to formulation development, and are useful in process optimization and process validation”. This was conducted by Prof. Ashish Baldi Head, Dept of Pharma. Sciences and Technology as moderator.</p> <p>The session-2 was conducted by Dr. Uttam Kumar Mandal, Associate Professor, Department of Pharmaceutical Sciences and Technology, Maharaja Ranjit Singh Punjab Technical University Bathinda started with talk delivered by Prof. Subeet Jain, Professor, Department of Pharmaceutical Sciences, GNDU, Amritsar on “Laboratory bench to market : Important Considerations in Pharma Research”. Prof. Ashish Baldi, Head, Department of Pharmaceutical Sciences and Technology, Maharaja Ranjit Singh Punjab Technical University</p> <p>Bathinda conducted “Hands on Training: Identifying Critical Factors in Pharmaceutical Process”. Prof. Baldi elaborate that Pharmaceutical industry has seen an evident paradigm shift in quality of pharmaceuticals with implementation of Quality-by- Design (QbD) practices. The knowledge of recently adopted practices for total quality management is essential for teachers in order to make students understand the practices of QbD and Formulation-by- Design (FbD) with in-depth insight and practical implementation.</p>

The Day 2 session was started by Dr. Sarwar Beg, Research Scientist, Jubilant Pharmaceuticals, Noida on “Application of QbD in Formulation & Analytical Method Development: Case studies from Laboratory and Industry” followed by practical/hand on training on Design expert software to all the participants. The whole session was conducted by Dr. Amit Bhatia as moderator. The afternoon session was specially planned for biostatistics and its need in pharma research and education. Dr. Suresh Thakur from Department of Pharmaceutical Sciences and Drug Research, Punjabi University, Patiala delivered his talk “Biostatistics and its applications in health sciences” he briefly explained that the research conducted in the field of health sciences is concluded by applying appropriate biostatistical test. Now biostatistics has become an essential tool in health management, pharmaceutical / clinical research and clinical decision making. The research quality in different biological fields is adversely affected by deficient basic biostatistical knowledge. He also gives hand on training to all participants on Graph Pad Prism software. In this series Dr. Pritpal Bhullar, University Business School, MRSPTU, Bathinda on provided hand on training on statistical Methodology using SPSS software to all participants. The aim of session was to hone the statistical skills of the participants. The emphasis was given on the applicability of statistical tests under different scenarios in pharmaceutical sciences. The session was commenced with the introduction of Hypothesis and various errors in hypothesis testing. That followed by the detail explanation of statistical test like T-test, Chi-Square, and ANOVA. The whole session was conducted by Dr. Punnet Bansal, Associate Prof, MRSPTU, Bathinda as moderator. The students of M.Pharm has conducted the hand impression ceremony as a mark of memory of those who joined hands for the successful completion of first CEP program at MRSPTU, Bathinda.

3rd day of this program was deliberated for Pharmacovigilance session followed by valedictory function. In this session two speakers from Parexel international Pvt. Ltd, Chandigarh discussed the various aspects of Pharmacovigilance and its role in health care. Mr. Vishavdeep Sharma, Pharmacovigilance specialist, Parexel International talked on “ICSR and Aggregate safety Reports” A pharmacological science relating to the collection, detection, assessment, monitoring, and prevention of adverse effects with pharmaceutical products. Major branches of it include Individual case safety report (ICSR) and aggregate reporting (PSUR, PBRER, ADCO, DSUR etc.). ICH and GVP regulations provided timelines for reporting of adverse events (AE) in both ICSR and aggregate reports. Further Mr. Simranjeet Singh Bedi, Drug safety Associate, Parexel, Chandigarh discussed the Signal Detection in Pharmacovigilance”. Signal Management is an important aspect of Pharmacovigilance required by European Medicines Agency (EMA). EMA together with other regulatory authorities in the European Member States and the pharmaceutical companies with the marketing authorisation of the products are responsible for detecting and managing safety signals. Planary session-4 was conducted by Dr. Rahul Deshmukh, Associate Professor, MRSPTU, Bathinda as Moderator. Prof. (Dr.) Ramarao, Dean, Central University of Punjab, Bathinda was chief Guest for Valedictory function along with Prof. R.K.Goel, Professor of Pharmacology, Department of Pharmaceutical Sciences and Drug Research, Punjabi University, Patiala as Guest of Honour. A panel discussion was organised before the valedictory function and various aspects related to pharmacy education were discussed by eminent personalities of Pharmacy field. The certificates of participation were distributed to all the participants by chief guest.

The effort by whole organising team and students of M.Pharm was appreciated. The skit and play were performed by M.Pharm students in the velidatory function. At the end of CEP the feedbacks forms were collected in order to improve drawbacks for the next CEP program.

Day-1 (Plenary Session-1)

DESIGN OF EXPERIMENT (DoE) IN PHARMACEUTICAL RESEARCH

Prof. (DR.) HARISH DUREJA

Professor in Pharmaceutics, Faculty of Pharmaceutical Sciences, and
Director, IPR Cell, Maharshi Dayanand University, Rohtak (Haryana) – 124001
Ph #: 9416357995; E-mail: harishdureja@gmail.com

Quality by design (QbD) is an essential tool in the pharmaceutical environment for having product/process/method impregnated with quality. A revolutionary approach for optimization and screening of experimental parameters is “Design of Experiments” (DoE). DOE and statistical analysis have been applied widely to formulation development, and are useful in process optimization and process validation. The ICH Q8 guidelines have necessitated the establishment of a science-based rationale and a design space in pharmaceutical formulation development. Recent regulatory guidelines from the Food and Drug Administration (FDA), the European Medicines Agency (EMA), and the International Conference on Harmonization (ICH) encourage science-based approaches for quality and compliance. The simplified experimental designs and statistical tools for data analysis can provide in depth information about the formulation under investigation. The major advantage of using DOE to develop formulations for pharmaceutical products is that it allows all potential factors to be evaluated simultaneously, systematically, and quickly. Using DOE, one can evaluate the effect of each formulation factor on each response (and possibly the interaction effects between factors) and identify the critical factors based on statistical analysis. Once the critical factors have been

identified, the optimal formulation can be defined by using proper DOE to optimize the levels of all critical factors. The manufacturing process can also be developed and optimized in the same fashion. The design space is the multidimensional combination of input variables (e.g., material attributes) and process parameters that have been demonstrated to provide assurance of quality. DOE allows formulation scientists to evaluate all formulation factors in a systematic and timely manner to optimize the formulation and manufacturing process. When the formulation and manufacturing processes of a pharmaceutical product are optimized by a systematic approach, the scale-up and process validation can be very efficient because of the robustness of the formulation and manufacturing process.

Day-1 (Session-2)

Hands on Training: Identifying Critical Factors in Pharmaceutical Process.

Prof. (Dr.) Ashish Baldi

Department of Pharmaceutical Sciences and Technology, Maharaja Ranjit Singh
Punjab Technical University Bathinda Email: baldiashish@gmail.com

Pharmaceutical industry has seen an evident paradigm shift in quality of pharmaceuticals with implementation of Quality-by- Design (QbD) practices. The knowledge of recently adopted practices for total quality management is essential

for teachers in order to make students understand the practices of QbD and Formulation-by- Design (FbD) with in-depth insight and practical implementation. This Hands-on-Training will cover the basics of QbD and FbD with special emphasis on identification of critical process parameters, critical material attributes, critical quality attributes and target product profile including examples of process involved in various formulations/ viz. tablets, nanoparticles, liposomes, niosomes, phytosomes etc.

Day-2 (Session-1)

Systematic Development of Pharmaceutical Products using Quality by Design (QbD) Paradigms

Dr Sarwar Beg

Research Scientist, Product Development Research, Jubilant Generics Limited, Noida, India

Email: sarwar.beg@gmail.com

Quality by Design (QbD) is a buzz word now-a-days. Introduction of QbD into pharmaceutical field was instituted by ICH and USFDA around one decade ago through series of guidelines with the intent of delivering quality pharmaceutical products. Since inception of this concept of QbD, it has been highly popularized and tremendously gaining importance in pharmaceutical industry for developing high quality products meeting the regulatory needs and patients benefit. Enormous benefits of QbD have now been realized in pharma, thus having its applicability at diverse stages including API development, analytical development, formulation development, dissolution testing, stability studies, bioequivalence testing, clinical trials, so on and so forth. The present talk, in this context, aims to provide an overview of these newer pharma paradigms with vital applications in drug product development for the purpose.

Day-2 (Session-2)

BIostatISTICS AND ITS APPLICATIONS IN HEALTH SCIENCES

Dr. Suresh Kumar

Department of Pharmaceutical Sciences and Drug Research, Punjabi University, Patiala-147002, Punjab thakur_pu@yahoo.com

Statistics is a field of science that involves compilation of observations, designing and analysis of data. Biostatistics is an application of mathematical statistics that help in evaluation of experimental data generated from biological study so that valid inference can be established to solve problem in public health. Various statistical methods can be used to interpret experimental data obtained from biological experiments carried out in medicine, pharmacy, agriculture and engineering. These statistical tests are broadly classified into parametric and non-parametric tests. Parametric tests can be applied where population is normally distributed. Parametric tests include student t test, F test, Analysis of variance and post hoc analysis tests. Non parametric tests are Mann Whitney test, Wilcoxon rank sum test and Kruskal Wallis test. The research conducted in the field of health sciences is concluded by applying appropriate biostatistical test. Now biostatistics has become an essential tool in health management, pharmaceutical / clinical research and clinical decision making. The research quality in different biological fields is adversely affected by deficient basic biostatistical knowledge.

Training on statistical Methodology Dr. Pritpal Bhullar

University Buisness School, MRSPTU, Bathinda

One hand-on – training session was conducted on Statistical Techniques in Pharmaceutical Sciences on SPSS, statistical software. Dr. Pritpal Singh Bhullar, Assistant Professor, University Business School, MSPTU was the resource person. The aim of session was to hone the statistical skills of the participants. The emphasis was given on the applicability of statistical tests under different scenarios in pharmaceutical sciences. The session was commenced with the introduction of Hypothesis and various errors in hypothesis testing. That followed by the detail explanation of statistical test like T-test, Chi-Square, and Anova. These statistical tests were put forward in plain English to enhance the easiness of these concepts to the participants. During the session, training was given on how to enter the data in SPSS file. All the participants were provided with relevant SPSS work files for optimum utilization of time. Normality and Multi collinearity concepts were elaborated in detail. The commands of executing Normality and multi collinearity were unfolded to students. Participants were also acknowledged with various commands of applying t-test, chi-square, anova on SPSS. All the tests were live demonstrated with suitable illustrations on projector. Various Post Hoc tests were also revealed with their suitable applicability. The participants found the session quite interactive. Participants enquired their queries during the session and all their queries were resolved

effectively by the resource Person. Resource person also threw light upon the interpretation of the outcome of these tests and also highlighted the technique of paraphrasing them in international journals.

Day-3 (Session-1)

Pharmacovigilance: An overview Vishavdeep Sharma, Pharmacovigilance specialist, Parexel International

A pharmacological science relating to the collection, detection, assessment, monitoring, and prevention of adverse effects with pharmaceutical products. Major branches of it include Individual case safety report (ICSR) and aggregate reporting (PSUR, PBRER, ADCO, DSUR etc.). ICH and GVP regulations provided timelines for reporting of adverse events (AE) in both ICSR and aggregate reports. In ICSR, work done is on daily basis where it includes the adverse event case processing of individual patient. On the basis of AE information, cases get categorized into serious and non-serious with pre-decided timelines for both the categories. In aggregate reports it includes the large set of data about AE of active pharmaceutical ingredient. These are the interval reports with data received in couple of years to retrieve the idea about risk-benefit ratio profile of drug. Operational part of both the domains needs enough workforce with specialized skills. Compliance with concerned regulators' need trained professional and so it becomes the emerging carrier in pharmaceuticals.

Signal Management in Pharmacovigilance Mr. Simranjeet Singh Bedi

Drug safety Associate, Parexel, Chandigarh

Signal Management is an important aspect of Pharmacovigilance required by European Medicines Agency (EMA). EMA together with other regulatory authorities in the European Member States and the pharmaceutical companies with the marketing authorisation of the products are responsible for detecting and managing safety signals. The guidance document for signal management process is European Unions' GVP Module IX - Signal Management which defines signal management as the set of activities performed to determine whether, based on an examination of individual case safety reports (ICSRs), aggregated data from active

surveillance systems or studies, literature information or other data sources, there are new risks associated with an active substance or a medicinal product or whether risks have changed, as well as any related recommendations, decisions, communications and tracking. The EU signal management process includes, detection, validation, confirmation, analysis and prioritisation, assessment of a signal and the recommendation for action. Signal detection is performed either qualitatively or quantitatively based on the volume of the data set available to validate if there is any potential causal association between the event of interest and the intervention. Signal confirmation, analysis and prioritisation is performed by the rapporteur assigned by the

Pharmacovigilance Risk Assessment Committee (PRAC). Upon confirming a signal, PRAC informs the MAH to perform the assessment of the overall data (including clinical data, epidemiology data, literature data, safety data and pre-clinical data) to determine if there is any causal relationship between the event of interest and the intervention and submit the same to PRAC in form of an ad-hoc report within the specified timeline. Upon receipt of the ad-hoc report the PRAC rapporteur analyses the information presented in the report and the conclusion drawn by the MAH in the same. The PRAC rapporteur then gives recommendation for action.

From Laboratory Bench to Market : Important considerations in Pharma Research

Dr. Subheet Kumar Jain, Professor & Former Head, Department of Pharmaceutical Sciences, Guru Nanak Dev University, Amritsar, Punjab

Systems which can provide “some” control of drug release in body are called controlled drug delivery systems (CDDS). CDDS is an innovation in drug delivery, which provides the sustained and targeted delivery of drugs with benefits of improving product efficacy and safety, as well as patient convenience and compliance. Development of CDDS based formulation is a rapidly developing research area at the academic and commercial level. Market for CDDS based formulation is increasing at an average growth rate of 15%. The success of the developed systems depends largely upon the efficacy of the systems or the advantages over the previous systems available if any. Another advantage associated with CDDS formulation is improved patent protection in advance of expiration of the compound patent to prevent generic copies of the original product from almost immediately capturing virtually the entire market. Selection of drug candidate and approach are important factors those significantly contribute in development of successful commercial CDDS based formulation. This presentation embodies the in-depth discussion on different factors those should be considered in development of successful CDDS formulation from laboratory

bench to market with some case studies.

9. Photo of the Event

PHARMACY COUNCIL OF INDIA

SPONSORED

CONTINUING EDUCATION PROGRAM

"Recent Industrial Approaches in Pharmaceutical Arena: From Theory to Practice"
September 27 - 29, 2018

ORGANIZED BY

Department of Pharmaceutical Sciences & Technology,
Maharaja Ranjit Singh Punjab Technical University,
Bathinda



STRATEGIC MANAGEMENT AND SWOT ANALYSIS OF TECHNICAL INSTITUTIONS

Sr. No	Event Details	Data
1.	Academic Year	2018-2019
2.	Name of Department	University Business School
3.	Title of Professional Event	Strategic Management and Swot Analysis of Technical Institutions
4.	Date of Event Conducted	23/07/2018-27/07/2018
5.	Name of Agency	NITTTR Chandigarh
6.	Mode of Event	ICT Based
7.	Total Number of Participants	29
8.	Summary of the Event	<p>A one week short term course on "Strategic Management and SWOT Analysis of Technical Institutions" was successfully organized by National Institute of Technical Teachers Training & Research, Chandigarh (NITTTR), Chandigarh at University Business School, MRSPTU, Bathinda, which concluded on Wednesday.</p> <p>The Workshop was a very good blend of theoretical and practical training.</p> <p>The Program included various tasks to be accomplished by the faculty members. These included stakeholders' identification worksheet and critical issues worksheet prepared by Dr. S.K. Dhameja, Prof. & Dean, NITTTR, Chandigarh. He explained that SWOT (Strengths, Weaknesses, Opportunities and Threats) analysis is a very good tool.</p> <p>Er. Amardev Singh, NITTTR, Chandigarh imparted a session on Intellectual Property Right (IPR) and its practical applications was enlightening in the current perspective. Another intriguing session by him was on 'E-Governance'.</p> <p>Dr. Amit Das, Vice President, Marketing Communication, Zirakpur engaged the audience by his task on SWOT Analysis of self as well as technical institutions.</p> <p>Mr. Ritesh Gulati, Founder & Executive Consultant Diversity Ace Business Consultants, Mohali energized the faculty members with a session on "Change Management in our Organization".</p> <p>Around 35 faculty members from all disciplines participated in the Workshop.</p> <p>The Inaugural and closing ceremony address was delivered by Prof. (Dr.) Savina Bansal, Dean (Research and Development), MRSPTU, Bathinda. Dr. Suman Kathuria, In-charge, UBS and local coordinator of the event extended a note of thanks.</p> <p>Campus Director, Dr. Gursharan Singh stressed upon the usefulness of this training program among the faculty members.</p> <p>MRSPTU, Vice Chancellor, Prof. (Dr.) Mohan Paul Singh Ishar and Registrar, Dr. Jasbir Singh Hundal applauded the department for successful coordination of the event.</p>
9.	Photo of the Event	

University Business School
Strategic Planning & SWOT Analysis
23.07.2018 to 27.07.2018



ICT - 3053/18


**National Institute of
Technical Teachers Training and Research
Chandigarh**
MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

PRITPAL SINGH BHULLAR
MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY,
BATHINDA (PUNJAB)

*Participated in AICTE recognized Short Term Course
on*

**Strategic Planning and SWOT Analysis
of Technical Institutions
through ICT**

conducted by

**Entrepreneurship Development &
Industrial Coordination Department**

from

23.07.2018 to 27.07.2018 (One Week)


at

**Maharaja Ranjit Singh Punjab Technical University,
Bathinda (Punjab)**

 
Coordinator

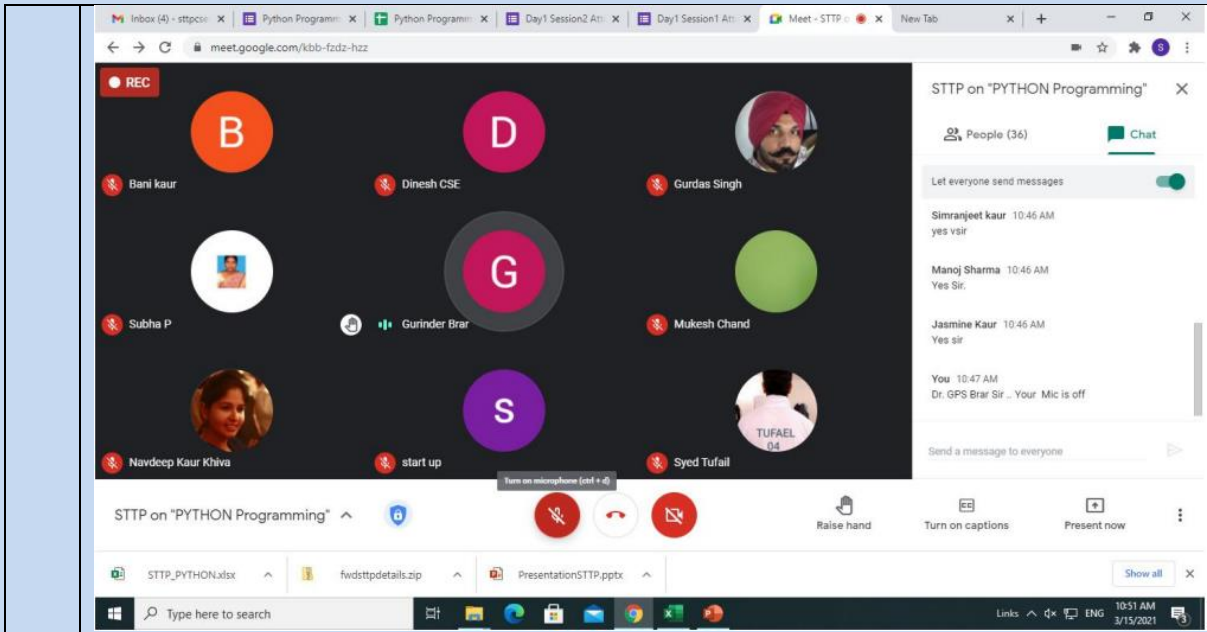

Director

INTELLECTUAL PROPERTY RIGHTS- ASPECTS FOR BUSINESS START UPS

Sr. No.	Event Details	Data
1.	Academic Year	2019-2020
2.	Name of Department	University Business School
3.	Title of Professional Event	Intellectual Property Rights- Aspects for Business Start Ups
4.	Date of Event Conducted	10/06/2019-14/06/2019
5.	Name of Agency	NITTTR Chandigarh
6.	Mode of Event	ICT Based
7.	Total Number of Participants	28
8.	Summary of the Event	<p>Intellectual property is the outcome of human intellect. In other words we can say that intellectual property is an idea of mind that got transformed into physical form which is commercially viable and which improves the quality of life of humans. Although, there is an abundance of creative and innovative energies which are flowing in India still, much of the Intellectual Property (IP) created remains unprotected. The probable reasons could be lack of awareness, weak infrastructural support and perceptual mind blockages related to the complicated procedures associated with the Intellectual Property management. Looking into this nationwide initiatives have been taken by policy makers to spread awareness about the significance of IPRs to promote innovation and Entrepreneurship among students and startups IPR protection provides a tool for entrepreneurs to appropriate their returns from innovation by protecting and commercializing their IPRs. The prime purpose of this FDP is to provide basic knowledge of IPRs, its importance and implications in promoting entrepreneurship and start-up ecosystem among young Scholars, Small & Medium Enterprise (SME) and Grass root level innovators.</p> <p>Benefits of the programme:</p> <ul style="list-style-type: none"> • To boost the level of awareness, curiosity, knowledge and information about IPR issues. • To explain the role of Intellectual Property Rights in promoting and safeguarding the interests of the innovators. • To analyze the impact of IPR on Technology Transfer agreements, Innovation outcomes and investment on R&D at industry • To provide an understanding about the provisions and procedures of Indian Patent act and the benefits arising out of the protection and commercialization of Intellectual Property among the start-ups. • To analyze the impact of IPR on Entrepreneurship Development.
9.	Photo of the Event	

PYTHON PROGRAMMING

Sr. No	Event Details	Data
1.	Academic Year	2021-2022
2.	Name of Department	CSE, GZSCCET, MRSPTU, BTI
3.	Title of Professional Event	Python Programming
4.	Date of Event Conducted	15 th -20 th March 2021
5.	Name of Agency	AICTE_MRSPTU, Sponsored
6.	Mode of Event	ICT Based
7.	Total Number of Participants	45
8.	Summary of the Event	
	<p>One week Training Programme on "Python Programming" concluded at GZSCCET All India Council for Technical Education (AICTE) sponsored one-week online mode Short Term Training Programme (STTP) on "Python Programming" organised by the Computer Science Engineering (CSE) department of Giani Zail Singh Campus College of Engineering and Technology (GZSCCET) Maharaja Ranjit Singh Punjab Technical University (MRSPTU) concluded at the Campus.</p> <p>The experts from various reputed institutions delivered their expert lecture on Python Programming, which proved very beneficial for the faculty and Ph.D Research scholars.</p> <p>The main expert Dr. B. Mathura Bai, Associate Professor, V.N.R. College Hyderabad delivered his lecture on basics of Python, while a detailed introduction was given by Dr. N. Sudhakar Yadav, V.N.R College Hyderabad on Lists, Tuples and Dictionaries in the first session and he further extended his session on Numpy and Pandas of Python Programming.</p> <p>Research Scholars, Nitin Shelke from Thapar University and Monika Pahuja, from MRSPTU, Bathinda also shared their interest in Python Programming.</p> <p>MRSPTU, Vice Chancellor, Prof Buta Singh Sidhu and AICTE-MRSPTU Program Coordinator Dr. Balwinder Singh Sidhu appreciated the efforts of the department.</p> <p>The programme concluded with vote thanks by University Registrar, Dr. Gurinder Pal Singh Brar, while Guest of honor was Dr. Sandeep Kansal, Finance Officer, and MRSPTU. The Program was co-coordinated by Dr. Abhilasha Jain and the convener for the same was Dr. Dinesh Kumar, HOD of the department. The program was very well hosted by Co- Coordinators Er. Manpreet Kaur and Er. Navdeep Kaur Khiva.</p>	
9.	Photo of the Event	



10. News of the Event

JAG BANI

Ludhiana, Wednesday, 31 March 2021

‘ਪਾਈਥਨ ਪ੍ਰੋਗਰਾਮਿੰਗ’ ਵਿਸ਼ੇ ‘ਤੇ ਇਕ ਹਫ਼ਤਾ ਸਿਖਲਾਈ ਪ੍ਰੋਗਰਾਮ ਕਰਵਾਇਆ





ਪ੍ਰੋਗਰਾਮ ਵਿਚ ਹਿੱਸਾ ਲੈਣ ਵਾਲੇ ਮਾਹਿਰ।

ਬਠਿੰਡਾ, 30 ਮਾਰਚ (ਵਰਮਾ)-ਗਿਆਨੀ ਜੈਲ ਸਿੰਘ ਕੈਂਪਸ ਕਾਲਜ ਆਫ਼ ਇੰਜੀਨੀਅਰਿੰਗ ਅਤੇ ਟੈਕਨਾਲੋਜੀ (ਜੀ. ਜੈਡ. ਐੱਸ. ਸੀ. ਸੀ. ਈ. ਟੀ.), ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ (ਐੱਮ. ਆਰ. ਐੱਸ. ਪੀ. ਟੀ. ਯੂ.) ਦੇ ਕੰਪਿਊਟਰ ਸਾਇੰਸ ਇੰਜੀਨੀਅਰਿੰਗ (ਸੀ. ਐੱਸ. ਈ.) ਵਿਭਾਗ ਵੱਲੋਂ ਆਯੋਜਿਤ ‘ਪਾਈਥਨ ਪ੍ਰੋਗਰਾਮਿੰਗ’ ਵਿਸ਼ੇ ‘ਤੇ ਇਕ ਹਫ਼ਤਾ ਆਨ ਲਾਈਨ ਮੋਡ ਸ਼ਾਰਟ ਟਰਮ ਟ੍ਰੇਨਿੰਗ ਪ੍ਰੋਗਰਾਮ (ਐੱਸ. ਟੀ. ਟੀ. ਪੀ.) ਕੈਂਪਸ ਵਿਖੇ ਸਮਾਪਤ ਹੋਇਆ।

ਇਹ ਪ੍ਰੋਗਰਾਮ ਆਲ ਇੰਡੀਆ ਕੌਂਸਲ ਫਾਰ ਟੈਕਨੀਕਲ ਐਜੂਕੇਸ਼ਨ (ਏ. ਆਈ. ਸੀ. ਟੀ. ਈ.) ਵੱਲੋਂ ਸਪਾਂਸਰ ਕੀਤਾ ਗਿਆ ਸੀ। ਵੱਖ-ਵੱਖ ਨਾਮਵਰ ਸੰਸਥਾਵਾਂ ਦੇ ਮਾਹਿਰਾਂ ਨੇ ਪਾਈਥਨ ਪ੍ਰੋਗਰਾਮਿੰਗ ‘ਤੇ ਆਪਣੇ ਮਾਹਿਰ ਭਾਸ਼ਣ ਦਿੱਤੇ ਜੋ ਫੈਕਲਟੀ ਅਤੇ ਪੀ. ਐੱਚ. ਡੀ. ਰਿਸਰਚ ਵਿਦਵਾਨਾਂ ਲਈ ਬਹੁਤ ਲਾਹੇਵੰਦ ਸਿੱਖ ਹੋਏ।

ਮੁੱਖ ਮਾਹਿਰ ਡਾ. ਬੀ. ਮਥੁਰਾ ਬਾਈ, ਐਸੋਸੀਏਟ ਪ੍ਰੋਫੈਸਰ, ਵੀ. ਐੱਨ. ਆਰ. ਕਾਲਜ ਹੈਦਰਾਬਾਦ ਨੇ ਕੰਪਿਊਟਰ ਦੇ ਪਾਈਥਨ ਪ੍ਰੋਗਰਾਮਿੰਗ ਬਾਰੇ ਵਢਮੁੱਲੀ ਜਾਣਕਾਰੀ ਪੇਸ਼ ਕੀਤੀ, ਜਦੋਂ ਕਿ ਡਾ. ਐੱਨ. ਸੁਧਾਕਰ ਯਾਦਵ, ਵੀ. ਐੱਨ. ਆਰ. ਕਾਲਜ ਹੈਦਰਾਬਾਦ ਨੇ ਇਸਦੇ ਤਕਨੀਕੀ ਪਹਿਲੂਆਂ ਜਿਨ੍ਹਾਂ ‘ਚ ਸੂਚੀਆਂ, ਟੂਪਲਜ਼ ਅਤੇ ਡਿਕਸ਼ਨਰੀ ਸ਼ਾਮਲ ਸਨ ਅਤੇ ਪਾਈਥਨ ਪ੍ਰੋਗਰਾਮਿੰਗ ਦੇ ਨੀਪੀ ਅਤੇ ਪਾਠਿਆਂ ਆਦਿ ਵਿਸ਼ਿਆਂ ‘ਤੇ ਵਿਸਥਾਰਪੂਰਵਕ ਜਾਣਕਾਰੀ ਦਿੱਤੀ।

ਯੂਨੀਵਰਸਿਟੀ ਦੇ ਉਪ ਕੁਲਪਤੀ ਪ੍ਰੋਫੈਸਰ ਬੂਟਾ ਸਿੰਘ ਸਿੱਧੂ ਅਤੇ ਏ. ਆਈ. ਸੀ. ਟੀ. ਈ.-ਐੱਮ. ਆਰ. ਐੱਸ. ਪੀ. ਟੀ. ਯੂ. ਪ੍ਰੋਗਰਾਮ ਕੋਆਰਡੀਨੇਟਰ ਡਾ. ਬਲਵਿੰਦਰ ਸਿੰਘ ਸਿੱਧੂ ਨੇ ਵਿਭਾਗ ਦੀਆਂ ਕੋਸ਼ਿਸ਼ਾਂ ਦੀ ਸ਼ਲਾਘਾ ਕਰਦਿਆਂ ਏ. ਆਈ. ਸੀ. ਟੀ. ਈ. ਵੱਲੋਂ ਦਿੱਤੇ ਸਹਿਯੋਗ ਲਈ ਧੰਨਵਾਦ ਕੀਤਾ।

ਪ੍ਰੋਗਰਾਮ ਦੀ ਸਮਾਪਤੀ ਯੂਨੀਵਰਸਿਟੀ ਦੇ ਰਜਿਸਟਰਾਰ ਡਾ. ਗੁਰਿੰਦਰ ਪਾਲ ਸਿੰਘ ਬਰਾੜ ਵੱਲੋਂ ਧੰਨਵਾਦ ਦੇ ਮਤੇ ਨਾਲ ਹੋਈ, ਜਦੋਂਕਿ ਵਿਸ਼ੇਸ਼ ਮਹਿਮਾਨ ਵਜੋਂ ਐੱਮ. ਆਰ. ਐੱਸ. ਪੀ. ਟੀ. ਯੂ. ਵਿੱਤ ਅਧਿਕਾਰੀ, ਡਾ. ਸੰਦੀਪ ਕਾਂਸਲ ਸ਼ਾਮਲ ਹੋਏ।

ਪ੍ਰੋਗਰਾਮ ਦੇ ਕੋ-ਕੋਆਰਡੀਨੇਟਰ ਡਾ. ਅਭਿਲਾਸ਼ਾ ਜੈਨ ਸਨ, ਜਦੋਂਕਿ ਕਨਵੀਨਰ ਵਿਭਾਗ ਦੇ ਮੁਖੀ ਡਾ. ਦਿਨੇਸ਼ ਕੁਮਾਰ ਸਨ। ਇੰਜ. ਮਨਪ੍ਰੀਤ ਕੌਰ ਅਤੇ ਇੰਜ. ਨਵਦੀਪ ਕੌਰ ਖੀਵਾ ਵੱਲੋਂ ਪ੍ਰੋਗਰਾਮ ਦਾ ਸੰਚਾਲਨ ਸ਼ਾਨਦਾਰ ਤਰੀਕੇ ਨਾਲ ਕੀਤਾ ਗਿਆ।

ਗਿਆਨੀ ਜ਼ੈਲ ਸਿੰਘ ਕੈਂਪਸ ਵਿਚ ਸਿਖਲਾਈ ਪ੍ਰੋਗਰਾਮ ਦਾ ਆਯੋਜਨ

ਬਠਿੰਡਾ 30 ਮਾਰਚ (ਸ਼ੁੱਕਰਵਾਰ ਮਾਨ) : ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਅਧੀਨ ਗਿਆਨੀ ਜ਼ੈਲ ਸਿੰਘ ਕੈਂਪਸ ਕਾਲਜ ਆਫ ਇੰਜੀਨੀਅਰਿੰਗ ਅਤੇ ਟੈਕਨਾਲੋਜੀ ਵਲੋਂ ਆਯੋਜਿਤ “ਪਾਈਥਨ ਪ੍ਰੋਗ੍ਰਾਮਿੰਗ” ਵਿਸ਼ੇ ‘ਤੇ ਇਕ ਹਫ਼ਤਾ ਆਨ ਲਾਈਨ ਮੋਡ ਸਾਰਟ ਟਰਮ ਟ੍ਰੇਨਿੰਗ ਪ੍ਰੋਗਰਾਮ ਕੈਂਪਸ ਵਿਖੇ ਸਮਾਪਤ ਹੋਇਆ।

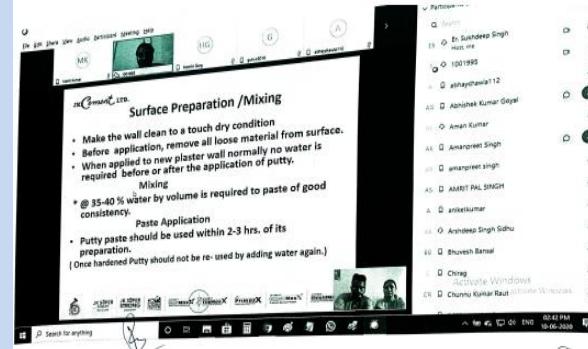

ਇਹ ਪ੍ਰੋਗਰਾਮ ਆਲ ਇੰਡੀਆ ਕੌਂਸਲ ਫਾਰ ਟੈਕਨੀਕਲ ਐਜੂਕੇਸ਼ਨ ਵਲੋਂ ਸਪਾਂਸਰ ਕੀਤਾ ਗਿਆ ਸੀ। ਵੱਖ-ਵੱਖ ਨਾਮਵਰ ਸੰਸਥਾਵਾਂ ਦੇ ਮਾਹਿਰਾਂ ਨੇ ਪਾਈਥਨ ਪ੍ਰੋਗ੍ਰਾਮਿੰਗ ‘ਤੇ ਆਪਣੇ ਮਾਹਿਰ ਭਾਸ਼ਣ ਦਿੱਤੇ।

ਮੁੱਖ ਮਾਹਿਰ ਡਾ. ਬੀ. ਮਥੁਰਾ ਬਾਈ ਐਸੋਸੀਏਟ ਪ੍ਰੋਫੈਸਰ ਵੀ.ਐਨ.ਆਰ. ਕਾਲਜ ਹੋਦਰਾਬਾਦ ਨੇ ਕੰਪਿਊਟਰ ਦੇ ਪਾਈਥਨ ਪ੍ਰੋਗ੍ਰਾਮਿੰਗ ਬਾਰੇ ਵੱਡਮੁਲੀ ਜਾਣਕਾਰੀ ਪੇਸ਼ ਕੀਤੀ, ਜਦੋਂ ਕਿ ਡਾ. ਐਨ. ਸੁਧਾਕਰ ਯਾਦਵ ਵੀ.ਐਨ.ਆਰ. ਕਾਲਜ ਹੋਦਰਾਬਾਦ ਨੇ ਇਸਦੇ ਤਕਨੀਕੀ ਪਹਿਲੂਆਂ ਜਿਹਨਾਂ ਵਿੱਚ ਸੂਚੀਆਂ, ਟੂਪਲਜ਼ ਅਤੇ ਡਿਕਸ਼ਨਰੀ ਸ਼ਾਮਿਲ ਸਨ ਅਤੇ ਪਾਈਥਨ ਪ੍ਰੋਗ੍ਰਾਮਿੰਗ ਦੇ ਨੰਪੀ ਅਤੇ ਪਾਡਿਆਂ ਆਦਿ ਵਿਸ਼ਿਆਂ ‘ਤੇ ਵਿਸਥਾਰਪੂਰਵਕ ਜਾਣਕਾਰੀ ਦਿੱਤੀ। ਯੂਨੀਵਰਸਿਟੀ ਦੇ ਉਪ ਕੁਲਪਤੀ ਪ੍ਰੋਫੈਸਰ ਬੂਟਾ ਸਿੰਘ ਸਿੱਧੂ ਅਤੇ ਏ.ਆਈ.ਸੀ. ਟੀ.ਈ.-ਐਮ. ਆਰ.

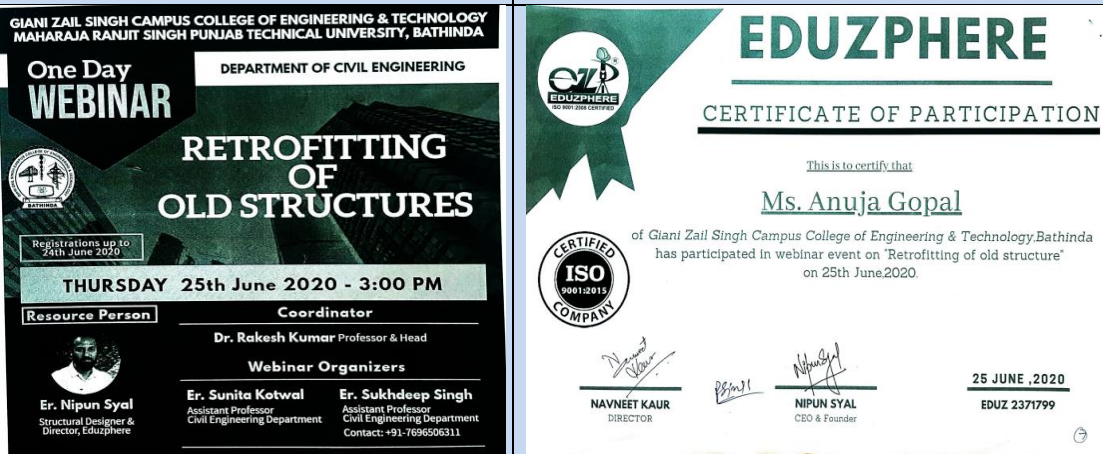
ਐਸ. ਪੀ. ਟੀ. ਯੂ. ਪ੍ਰੋਗਰਾਮ ਕੋਆਰਡੀਨੇਟਰ ਡਾ. ਬਲਵਿੰਦਰ ਸਿੰਘ ਸਿੱਧੂ ਨੇ ਵਿਭਾਗ ਦੀਆਂ ਕੋਸ਼ਿਸ਼ਾਂ ਦੀ ਸਲਾਘਾ ਕਰਦਿਆਂ ਏ. ਆਈ. ਸੀ. ਟੀ. ਈ. ਵਲੋਂ ਦਿੱਤੇ ਸਹਿਯੋਗ ਲਈ ਧੰਨਵਾਦ ਕੀਤਾ।



VALUE ADDED CEMENT BASED PRODUCTS

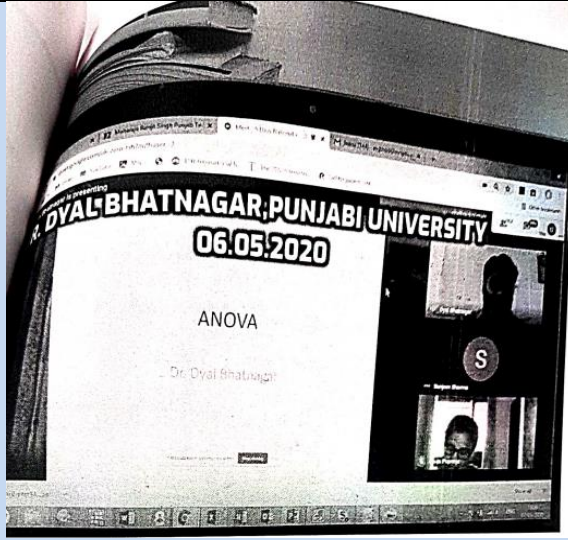
Sr. No.	Event Details	Data
1.	Academic Year	2019-20
2.	Name of Department	Civil Engineering
3.	Title of Professional Event	Value Added Cement Based Products
4.	Date of Event Conducted	10 th June 2020
5.	Name of Agency	JK Cement Ltd.
6.	Mode of Event	ICT Based (online)
7.	Total Number of Participants	109
8.	Summary of the Event	
	<p>The Online Webinar on "Value Added Cement Based Products" was organized on 10th June 2020 by the Department of Civil Engineering, Giani Zail Singh Campus College of Engineering & Technology MRSPTU, Bathinda.</p> <p>This is a very useful topic and it had resulted in the enhancement of student's knowledge at a great extent. The Expert Er Vikas Malhotra from JK Cement Ltd. (White Cement Division) enlightened the students and Faculty members of Civil Engineering Department with a very interactive session. Participants were able to understand the different products that are based on cement and also learnt the applications of these materials in the field of construction.</p>	
9.	Photo of the Event	
	 	

RETROFITTING OF OLD STRUCTURES

Sr. No	Event Details	Data
1.	Academic Year	2019-20
2.	Name of Department	Civil Engineering
3.	Title of Professional Event	Retrofitting of old Structures
4.	Date of Event Conducted	25 th June 2020
5.	Name of Agency	Eduzphere, Chandigarh
6.	Mode of Event	ICT Based (online)
7.	Total Number of Participants	105
8.	Summary of the Event	
	<p>The Online one-day Webinar on "Retrofitting of Old Structures" was organized on 25th June 2020 by the Department of Civil Engineering, Giani Zail Singh Campus College of Engineering & Technology MRSPTU, Bathinda.</p> <p>The Expert Er Nipun Syal, Structural Designer & Director, Eduzphere put light on the very important topic of Civil Engineering for the students and Faculty members of Civil Engineering Department with his wonderful talk. Participants were able to understand the Retrofitting techniques in the field of construction. Er Nipun explained about the technique that if existing structures doesn't have enough strength, then those structures can be strengthened using the retrofitting method. This is a very useful approach to make the process economical as well.</p>	
9.	Photo of the Event	
	 <p>The left image is a poster for a 'One Day WEBINAR' titled 'RETROFITTING OF OLD STRUCTURES' organized by the Department of Civil Engineering at Giani Zail Singh Campus College of Engineering & Technology, Maharaja Ranjit Singh Punjab Technical University, Bathinda. The webinar was held on Thursday, 25th June 2020, from 3:00 PM. The resource person was Er. Nipun Syal, and the coordinator was Dr. Rakesh Kumar. Other organizers listed include Er. Sunita Kotwal and Er. Sukhdeep Singh.</p> <p>The right image is a 'CERTIFICATE OF PARTICIPATION' from Eduzphere. It certifies that Ms. Anuja Gopal of Giani Zail Singh Campus College of Engineering & Technology, Bathinda, participated in the webinar event on 'Retrofitting of old structure' on 25th June 2020. The certificate is signed by Navneet Kaur (Director) and Nipun Syal (CEO & Founder) and is dated 25 JUNE, 2020.</p>	

5 DAYS NATIONAL E-WORKSHOP

Sr. No	Event Details	Data
1.	Academic Year	2020-2021
2.	Name of Department	University Business School
3.	Title of Professional Event	5 Days National e-Workshop
4.	Date of Event Conducted	04/05/2020 -08/05-2020
5.	Name of Agency	Nil
6.	Mode of Event	ICT Based
7.	Total Number of Participants	122
8.	Summary of the Event	<p>An online 5 days workshop was conducted from 4^o May 2020 to 8 May 2020. More than 100 participants including faculty and students took participate in the workshop. Eminent speakers from India and Abroad enlightened the participants with their knowledge on Research. Globally renowned academician Dr Amandeep Dhir, LUT School of Business, Finland delivered a talk on Research Publications. During his talk Dr. Dhir emphasized on collaborative research and discussed various global opportunities available for researchers. Vice Chancellor of RIMT university, Prof. A.S. Chawla interact with participants and highlight the current research scenario in India and across the globe. Dean Faculty of Commerce and management, Prof. Sanjeev Sharma discuss various research grants available for researchers and students. Dean R&D, Prof. J.S. Hundal appreciate the enthusiasm of the participant and emphasized on the boosting research tendency in Indian universities. Dr Pritpal Singh Bhullar, Incharge UBS, presents the Vote of Thanks. Dean Academic Affairs., Prof. Savina Bansal hails the efforts of University Business School and emphasized on creating research work culture in the university. Vice Chancellor Prof. Mohan Paul Singh express his intention to make the MRSPTU a research-oriented university and appreciate the efforts by conducting a free five day e-workshop for the students, an faculty members during the tough times</p> <p>Benefits of the programme:</p> <ul style="list-style-type: none"> • Impart knowledge about performing literature review for research work • Give practical knowledge about various statistical tools used in research • Aware the participants about need of creating research culture in the educational institutes
9.	Photo of the Event	



10. News of the Event

दैनिक भास्कर बटिंडा, रविवार 10 मई, 2020 | 03

खोज कार्यप्रणाली विषय पर राष्ट्रीय ई-वर्कशॉप करवाई

भास्कर न्यूज़ | बटिंडा

महाराजा रंजीत सिंह पंजाब टेक्निकल यूनिवर्सिटी में खोज कार्यप्रणाली विषय पर 5 दिवसीय नेशनल ई वर्कशॉप का आयोजन किया गया। यूनिवर्सिटी बिजनेस स्कूल की ओर से आयोजित वर्कशॉप में देश भर की नामवर संस्थाओं के 100 से ज्यादा फैकल्टी व खोज विद्वानों ने भाग लिया। अरआईएमटी यूनिवर्सिटी के वीसी प्रो. एस चावला ने खोज में नैतिकता के बारे में अपने विचार साझा करते हुए समाज के लाभ के लिए खोज की गुणवत्ता में सुधार लाने पर जोर दिया। एल्यूटी स्कूल आफ बिजनेस फिनलैंड के विद्वान डॉ. अमनदीप धीर ने खोजकर्ताओं को सहयोगी खोज व उपलब्ध होने वाले विभिन्न ग्लोबल अवसरों का बेहतर उपयोग करने का आह्वान किया।

ई वर्कशॉप के कोआर्डिनेटर यूनिवर्सिटी बिजनेस स्कूल के ईचार्ज डॉ. प्रीतपाल सिंह भुल्लर ने इस आयोजन का मकसद व विभिन्न खोज मुद्दों जिनमें आंकड़े विश्लेषण में आंकड़ा विज्ञान के साधनों का उपयोग, खोज में चोरी-विरोधी, विभिन्न खोज फंड एवं फैकल्टी व



खोज विद्वानों के लिए ग्रैंट उपलब्ध करवाने के बारे में बताया। पंजाबी यूनिवर्सिटी यूआईएमएस प्रो. संजीव शर्मा ने सभी सेशन का संचालन किया।

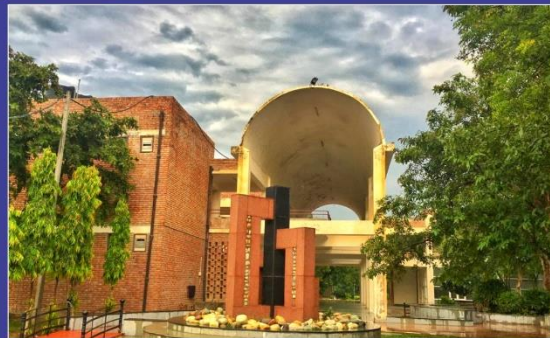
अपने प्रधानगी संबोधन में वीसी प्रो. मोहनपाल सिंह ईसर ने खोज मुखी यूनिवर्सिटी बनाने की गहरी इच्छा जताई। उन्होंने मुश्किल घड़ी में 5 दिवसीय ई वर्कशॉप करवाने को सराहा। डीन रिसर्च एंड डेवेलपमेंट प्रो. जसबीर सिंह हुदल ने यूनिवर्सिटी में खोज संस्कृति पैदा करने पर जोर दिया। वहीं सरकार द्वारा खोज फंड में कमी पर भी चिंता जताई। एक बार फिर विज्ञान व तकनीक में खोज फंड की महत्ता पर चर्चा छेड़ी। डीन एकेडमिक डॉ. सवीना बांसल ने खोज को मानव विकास व तरक्की का आधार बताते इसके माहिर करने को प्रेरित किया। रजिस्ट्रार प्रो. जतिंदर कौर व कंट्रोलर एग्जाम प्रो. करणवीर सिंह ने आभार जताया।



MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Dabwali Road, Bathinda (Pb.) - 151001

(Estd. by Govt. of Punjab Vide Punjab Act No. 5 of 2015) ONLY TECHNICAL UNIVERSITY OF PUNJAB HAVING UGC APPROVAL UNDER 2(f) AND 12 B OF UGC ACT, MEMBER AIU.



INTERNAL QUALITY ASSURANCE CELL
MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY
(DABWALI ROAD, BATHINDA (PB.)- 151001)

ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਬਠਿੰਡਾ।

Subject: Request to convert Self-financed seats in general seats of Integrated/Dual Degree BCA-MCA to adjust the inadvertent admission.

With due permission, the admission cell started provisional admissions followed by regular admission through the web portal. During the lengthy process the following students has been admitted inadvertently beyond the sanction intake of the course Integrated/Dual Degree BCA-MCA, running in the University Main Campus.

Sr. No.	Name	ID	Date of Provisional Admission
1	Diksha	1202100678	23.07.2021
2	Harmanjot Singh	1202100631	26.07.2021
3	Anmoldeep Singh	1202100504	15.07.2021
4	Deepinder Kaur	1202100647	23.07.2021
5	Sandeep Kaur	2202100643	26.08.2021

These students are regularly attending classes in their respective department and are unaware about the technical flaw. Therefore, considering the future of the students, it is recommended to convert five Self-Financed seats in to the General seats so that the said students may be accommodated. We ensure you that we shall be more attentive in future during admissions and this case shall not be made precedence for any future cases.

Submitted for approval please.

Chairman Admissions

Associate Dean (Academic Affairs)

Keeping in view of the students' future, 'A' may be considered for 2021-22 session only.

HON'BLE VICE CHANCELLOR

25/01/22

P.I Finance for n.a. plz.

28/01/2022

Diary No. 4691...
Date 28/01/2022
Dean Academic Affairs,
MRSSTU, Bathinda

ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਬਠਿੰਡਾ।

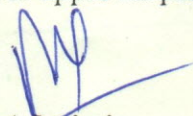
Subject: Request to create an additional seat to adjust inadvertent admission beyond intake in B.Sc. (Agriculture).

With due permission the admission cell started provisional admissions followed by regular admission through the web portal. During the lengthy process the following student has been admitted inadvertently beyond the sanction intake of the course: B.Sc. (Agriculture), running in the University Main Campus.

Sr. No.	Name	ID	Date of Confirmation of Admission
01	Pavit Goyal	2202107506	17.11.2021

The student is regularly attending classes in the respective department from the beginning of the semester. Therefore, considering the future of the students, it is recommended to approve an additional seats in the B.Sc. (Agriculture) course, so that student may be accommodated. We ensure you that in future we shall be more attentive during admission process and this case shall not be made precedence for any future cases. } 'A'

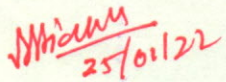
Submitted for approval please.


Chairman Admissions

Keeping in view of the student's future, 'A' may be considered for 2021-22 session only.


Associate Dean (Academic Affairs)

~~HON'BLE VICE CHANCELLOR~~


25/01/22

ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਬਠਿੰਡਾ।

ਵਿਸ਼ਾ:- ਵਿਦਿਆਰਥੀ Mr. Ujwal Mogha ਸਾਲ 2021-22 ਦੀ ਅਡਮਿਸ਼ਨ ਸਬੰਧੀ।

1. ਵਿਦਿਆਰਥੀ Mr. Ujwal Mogha ਨੇ ਆਈ.ਕੇ.ਜੀ.ਪੀ.ਟੀ.ਯੂ ਦੇ ਸੈਂਟਰਲਾਇਜ਼ First Round ਵਿੱਚ ਕੰਮਪਿਊਟਰ ਬਰਾਂਚ ਗਿਆਨੀ ਜੈਲ ਸਿੰਘ ਸੀ.ਸੀ.ਟੀ, ਐਮ.ਆਰ.ਐਸ.ਪੀ.ਟੀ.ਯੂ ਬਠਿੰਡਾ ਵਿੱਚ ਐਡਮਿਸ਼ਨ ਲਈ ਸੀ। (ਨੱਥੀ ਅਨੁਲੱਗ - 1)
2. ਉਸ ਤੋਂ ਬਾਅਦ ਵਿਦਿਆਰਥੀ ਨੇ ਆਈ.ਕੇ.ਜੀ.ਪੀ.ਟੀ.ਯੂ ਦੇ ਸੈਂਟਰਲਾਇਜ਼ Second Round ਵਿੱਚ ਦੁਬਾਰਾ ਅਪਲਾਈ ਕੀਤਾ ਸੀ ਜਿਸ ਵਿੱਚ ਵਿਦਿਆਰਥੀ ਨੂੰ ਆਈ.ਕੇ.ਗੁਜਰਾਲ ਪੀ.ਟੀ.ਯੂ ਵਿੱਚ ਐਡਮਿਸ਼ਨ ਮਿਲ ਗਈ ਸੀ ਅਤੇ Allotment Letter ਵਿਦਿਆਰਥੀ ਦੇ ਅਕਾਊਂਟ ਵਿੱਚ ਆ ਗਿਆ ਸੀ। (ਨੱਥੀ ਅਨੁਲੱਗ -2) ਅਤੇ ਉਸ ਦੀ ਪਹਿਲਾ ਵਾਲੀ ਸੀਟ ਜੋ ਕਿ ਗਿਆਨੀ ਜੈਲ ਸਿੰਘ ਸੀ.ਸੀ.ਟੀ, ਐਮ.ਆਰ.ਐਸ.ਪੀ.ਟੀ.ਯੂ ਬਠਿੰਡਾ ਵਿੱਚ ਮਿਲੀ ਸੀ ਉਹ ਆਪਣੇ ਆਪ ਕੈਂਸਲ ਹੋ ਗਈ ਸੀ। (ਨੱਥੀ ਅਨੁਲੱਗ -3)
3. ਵਿਦਿਆਰਥੀ ਵੱਲੋਂ Second Round ਵਿੱਚ ਦੁਬਾਰਾ ਅਪਲਾਈ ਕਰਨ ਬਾਰੇ ਐਮ.ਆਰ.ਐਸ.ਪੀ.ਟੀ.ਯੂ ਦੀ ਐਡਮਿਸ਼ਨ ਕਮੇਟੀ ਨੂੰ ਕੋਈ ਸੂਚਨਾ ਨਹੀਂ ਦਿੱਤੀ ਸੀ।
4. ਵਿਦਿਆਰਥੀ First Round ਵਿੱਚ ਮਿਲੀ ਸੀਟ ਦੇ ਆਧਾਰ ਤੇ ਸ਼ੁਰੂ ਤੋਂ ਹੀ ਕੰਮਪਿਊਟਰ ਸਾਇੰਸ ਬਰਾਂਚ ਗਿਆਨੀ ਜੈਲ ਸਿੰਘ ਸੀ.ਸੀ.ਟੀ, ਐਮ.ਆਰ.ਐਸ.ਪੀ.ਟੀ.ਯੂ ਬਠਿੰਡਾ ਵਿੱਚ ਕਲਾਸ ਲਗਾ ਰਿਹਾ ਸੀ ਅਤੇ MST ਵੀ ਦੇ ਰਿਹਾ ਸੀ।

ਇਸ ਲਈ ਉਪਰੋਕਤ ਤੱਥਾਂ ਦੇ ਆਧਾਰ ਤੇ ਵਿਦਿਆਰਥੀ ਦੇ ਭਵਿੱਖ ਨੂੰ ਧਿਆਨ ਵਿੱਚ ਰੱਖਦੇ ਹੋਏ ਜੇ

X [ਆਪ ਜੀ ਦੀ ਸਹਿਮਤੀ ਹੋਵੇ ਤਾਂ ਇਸ ਵਿਦਿਆਰਥੀ ਤੋਂ ਐਮ ਆਰ ਐਸ ਪੀ ਟੀ ਯੂ ਦੀ ਕੋਸਲਿੰਗ ਫੀਸ ਭਰਵਾ ਕੇ ਇਸ ਨੂੰ ਐਡਮਿਸ਼ਨ ਦਿੱਤੀ ਜਾਵੇ ਅਤੇ ਇਸ ਦੀ Document Verification ਕਰਵਾਈ ਜਾਵੇ ਜੀ।

Chairman Admission Cell

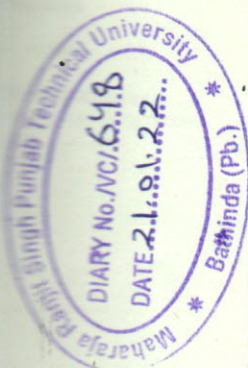
Associate Dean (Academic Affairs)

~~HON'BLE VICE CHANCELLOR~~

Needful be done as per 'X'.

PI(P&P)/ASH DAA-I

Diary No. 4664
Date 21/01/2022
Dean Academic Affairs,
MRSSTU, Bathinda





ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਤਕਨੀਕੀ ਯੂਨੀਵਰਸਿਟੀ, ਬਠਿੰਡਾ
ਡੱਬਵਾਲੀ ਰੋਡ, ਬਠਿੰਡਾ - 151001

Maharaja Ranjit Singh Punjab Technical University

DABWALI ROAD, BATHINDA-151001

[A State University Estb. by Govt. of Punjab Act No. 5(2015) u/s 2(f) & Approved u/s 12B of UGC Act, 1956]

ਐਸੋ. ਡੀਨ (ਅਕਾਦਮਿਕ ਮਾਮਲੇ)

Associate Dean (Academic Affairs)

Ref. No.: DAA/MRSPTU/2022/ 3522

Date: 05/01/2022

OFFICE ORDER

As per discussion with competent authority, the student Mr. Chakshdeep Singh, Uni. Roll No. 200120007 and Mr. Anil Chauhan, Uni. Roll No. 200120003, B. Tech. Civil Engg., 3rd Sem., GZSCCET have been allowed as a special case to attend classes/give exams with LEET batch students of session 2021-22 for 3rd semester only.

This case will not be made precedent for future cases.

Associate Dean (Academic Affairs)
MRSPTU, Bathinda

Copy to:

1. PA to Vice Chancellor, MRSPTU, Bathinda for information to the Vice Chancellor please.
2. Campus Director, GZSCCET MRSPTU, Bathinda
3. Head, Department of Civil Engg., GZSCCET MRSPTU Bathinda to inform the student
4. P/I Finance, MRSPTU, Bathinda
5. Controller of Examinations, MRSPTU, Bathinda

To
The Campus Director,
GZSMRSPTU
Bathinda.

Subject - Regarding attendance completion by attending
extra classes.

Respected Sir,

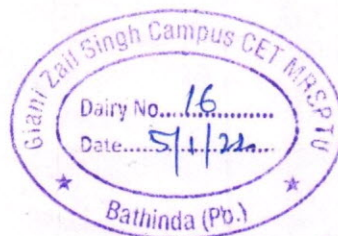
I am Anil Chauhan student of B.Tech
Civil Engineering 2020 Batch at GZSCCET MRSPTU main Campus.
Due to some family and illness issues i want
able to complete 75 percent attendance at regular
classes for term July-December 2021.

Kindly please allow
me to attend the lectures with lateral entry batch
of my branch and Semester so that i should
complete my attendance and should not get detained
as getting detained will be an huge loss for
me.

Yours Sincerely
Anil Chauhan

URN: 200120003

B.Tech. Civil 2020 Batch.



Recommended
forwarded.
Ass. Dean (Acad)

5/1/22
CDEB

ms
5/1/22

To,

The Campus Director

Giani Zail Singh CCE T,

Bathinda

4/11/2022

Subject:- Regarding attendance completion by attending extra classes.

Respected Sir,

I am a student of Btech. Civil engineering 2020 batch at Giani Zail Singh Campus and college of technology and engineering, Bathinda. Due to some family and illness issues I wasn't able to complete 75 percent attendance at regular classes for term july - december 2021. Kindly please allow me to attend the lectures with lateral entry batch of my branch and semester so that I should complete my attendance and should not get detained as getting detained will be an huge loss for me.

Thanking you

Chakshdeep Singh

URN - 200120007

D. Tech Civil 2020 Batch



Head, CE

Pl. discuss

M2

04/11/2022

Ass. Dean (Acad)

Recommended
forwarded

M2
05/11

5/11/22
CD ED



ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਤਕਨੀਕੀ ਯੂਨੀਵਰਸਿਟੀ, ਬਠਿੰਡਾ
ਡੱਬਵਾਲੀ ਰੋਡ, ਬਠਿੰਡਾ - 151001

Maharaja Ranjit Singh Punjab Technical University

DABWALI ROAD, BATHINDA-151001

[A State University Estb. by Govt. of Punjab Act No. 5(2015) u/s 2(f) & Approved u/s 12B of UGC Act, 1956]

ਐਸੋ. ਡੀਨ (ਅਕਾਦਮਿਕ ਮਾਮਲੇ)

Associate Dean (Academic Affairs)

Ref. No.: DAA/MRSPTU/2022/ 3520

Date: 04.01.2022

OFFICE ORDER

As per discussion with competent authority, the student Mr. Razaak Goel, Uni. Roll No. 200120033,

B. Tech. Civil Engg., 3rd Sem., GZSCCET has been allowed as a special case to attend classes/give exams with LEET batch students of session 2021-22 for 3rd semester only. This case will not be made precedent for future cases.

Associate Dean (Academic Affairs)
MRSPTU, Bathinda

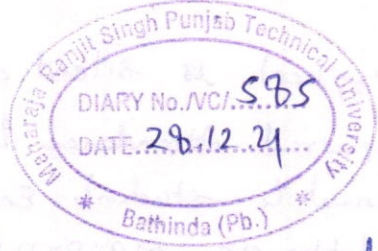
Copy to:

1. PA to Vice Chancellor, MRSPTU, Bathinda for information to the Vice Chancellor please.
2. Campus Director, GZSCCET MRSPTU, Bathinda
3. Head, Department of Civil Engg., GZSCCET MRSPTU Bathinda to inform the student
4. P/I Finance, MRSPTU, Bathinda
5. Controller of Examinations, MRSPTU, Bathinda

To HCED/935 dated 29/12/21

HOD Civil

Mhicw 28/12/21



The Vice ~~Chancellor~~,
Maharaja Ranjit Singh Punjab
Technical University, Bathinda

Recommended for consideration
29/12/21

28 December 2021

HOD (Civil)
29/12/2021 Campus Director

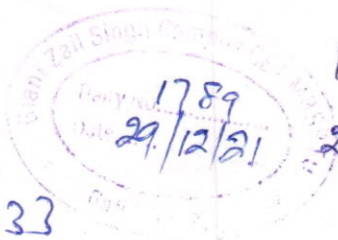
Subject:- Regarding attendance completion by attending
extra classes.

Dean Acad
Student is allowed to complete his attendance
29/12/21 P.T.O

Respected Sir,

I am a student of Btech. Civil engineering 2020 batch at
Jitani Zail Singh Campus and college of technology and
engineering, bathinda. Due to some family and illness
issues I wasn't able to complete 75 percent attendance
at regular classes for term July-December 2021. Kindly
please allow me to attend the lectures with lateral entry
batch of my branch and semester so that I should
complete my attendance and should not get detained as
getting detained will be an huge loss for me.

Thanking You
RAZAAK GOEL
URN :- 200120033
Btech. Civil 2020 Batch



1. All concerned faculty pl. note
2. All concerned teachers of other dept. teaching to 3rd sem (CIVIL).
3. Academic Incharge (UG) CE.

29/12/2021

This request is silent about student's current attendance and/or the required Attendance to complete the 75% criterion. Moreover concerned to student's End semester examination the CoE MRSP TU vide letter no MRSP TU/COE/1892 dated 22/12/2021 have cleared that the regular students may appear in exam along with 2021 batch students (as demanded in request). In light of above the HoD Civil may take decision at their own level as per rule and considering the genuinity of the case, the Academic office has no objection in this regard.

Satish
30/12/2021

~~HoD Civil.~~

Associate DDA

Dismissed with Hon'ble Vice-chancellor, the student is allowed to attend the lectures and appear in examination with LEET session 2021 with LEET batch.

4/1/2022

CDEO

ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਬਠਿੰਡਾ।

Sub: Regarding special permission to attend classes/give exam with LEET students of 2021-22 session.

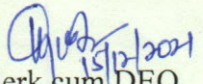
Requests have been received from two departments regarding seeking permission for students to attend classes/give exams with LEET students of session 2021-22 vide ref. no. 1716 dated 09.12.2021 and ref. no. HCSD/1791 dated 26.11.2021.

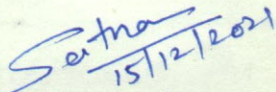
Case-I: Student Mr. Vishal Singla, B.Tech. CE, Semester 3rd was migrated from KCT College of Engg. & Tech., Sangrur vide ref. no. DAA/MRSPTU/2021/3432 dt. 25.10.2021, wherein it was instructed to the receiving college GZSCCET, MRSPTU, Bathinda to arrange extra classes to full-fill the attendance/syllabus requirements. Now, the department is forwarding the request of the student to allow him to attend the classes/give exam with LEET batch students of 2021-22 session.

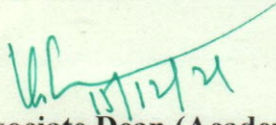
Case-II: Student Ms. Harsdeep Kaur, B.Tech. CSE, Semester 3rd of GZSCCET, MRSPTU, Bathinda requested that due to some family reasons she could not register herself for 3rd semester within the due time upto 04.10.2021. Now, the department is forwarding the request of the student to allow her to attend the classes/give exam with LEET batch students of 2021-22 session. HOD CSE has confirmed that the problem of the student was genuine.

So, keeping in view the future of the students, it is proposed that permission may be given as a special case only and this case will not be made precedent for future cases.

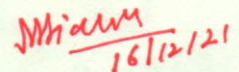
Submitted for your consideration and approval please.


Clerk cum DEO
(Prepared by)


Assistant Dean (Academics)


Associate Dean (Academic Affairs)

HON'BLE VICE CHANCELLOR


16/12/21

Diary No. 4528.
Date 15/12/2021.
Dean Academic Affairs,
MRSSTU, Bathinda





ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਤਕਨੀਕੀ ਯੂਨੀਵਰਸਿਟੀ, ਬਠਿੰਡਾ

ਡੱਬਵਾਲੀ ਰੋਡ, ਬਠਿੰਡਾ - 151001

Maharaja Ranjit Singh Punjab Technical University

DABWALI ROAD, BATHINDA-151001

[A State University Estb. by Govt. of Punjab Act No. 5(2015) u/s 2(f) & Approved u/s 12B of UGC Act, 1956]

ਐਸੋ. ਡੀਨ (ਅਕਾਦਮਿਕ ਮਾਮਲੇ)

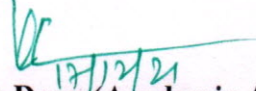
Associate Dean (Academic Affairs)

Ref. No.: DAA/MRSPTU/2021/3495

Date: 17.12.2021

OFFICE ORDER

Consequent upon the approval of the competent authority vide no. VC/550 dated 16.12.2021, students Mr. Vishal Singla, B. Tech. Civil Engg., 3rd Sem., GZSCCET and Ms. Harshdeep Kaur, B. Tech. CSE, 3rd Sem., GZSCCET have been allowed as a special case to attend classes/give exams with LEET batch students of session 2021-22 for 3rd semester only. This case will not be made precedent for future cases.


Associate Dean (Academic Affairs)
MRSPTU, Bathinda

Copy to:

1. PA to Vice Chancellor, MRSPTU, Bathinda for information to the Vice Chancellor please.
2. Campus Director, GZSCCET MRSPTU, Bathinda
3. Head, Department of Civil Engg., GZSCCET MRSPTU Bathinda to inform the students
4. Head, Department of CSE, GZSCCET MRSPTU Bathinda to inform the students
5. P/I Finance, MRSPTU, Bathinda
6. Controller of Examinations, MRSPTU, Bathinda