

1.2.1

## Supporting Documents-

Department of Electronics & Comm. Engg.

### List of New Courses Introduced





ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ, ਕਪੂਰਥਲਾ  
I. K. GUJRAL PUNJAB TECHNICAL UNIVERSITY JALANDHAR, KAPURTHALA  
Department of Electronics and Communication Engineering

Ref. No. IKGPTU/ECE 1318 A

Dated 09/09/21

List of New Courses introduced during the last academic year 2022-2023 (Sub metric 1.2.1)  
Name of the Department: Electronics and Communication Engineering

Program	Subject Code	Subject Name
B.Tech (AI & ML)	BTES-301-18	Digital Electronics
B.Tech (AI & ML)	BTCS-301-18	Data Structure & Algorithms
B.Tech (AI & ML)	BTCS-302-19	Object Oriented Programming
B.Tech (AI & ML)	BTAM-304-18	Mathematics III
B.Tech (AI & ML)	BTES-302-18	Digital Electronics Lab
B.Tech (AI & ML)	BTCS-303-18	Data Structure & Algorithms Lab
B.Tech (AI & ML)	BTCS-304-18	Object Oriented Programming Lab
B.Tech (AI & ML)	BTCS-304-18	IT Workshop
B.Tech (AI & ML)	BTCS 401-18	Discrete Mathematics
B.Tech (AI & ML)	BTES 401-18	Computer Organization & Architecture
B.Tech (AI & ML)	BTCS 402-18	Operating Systems
B.Tech (AI & ML)	BTCS 403-18	Design & Analysis of Algorithms
B.Tech (AI & ML)	BTES 402-18	Computer Organization & Architecture Lab
B.Tech (AI & ML)	BTCS 404-18	Operating Systems Lab
B.Tech (AI & ML)	BTCS 405-18	Design & Analysis of Algorithms Lab
B.Tech (AI & ML)	BTES 501-20	Statistical Computing Techniques using R
B.Tech (AI & ML)	BTCS 501-18	Database Management Systems
B.Tech (AI & ML)	BTCS 502-18	Formal Language & Automata Theory
B.Tech (AI & ML)	BTAIML 501-20	Programming in Python
B.Tech (AI & ML)	BTAIML 502-20	Artificial Intelligence
B.Tech (AI & ML)	BTES 502-20	Statistical Computing Techniques using R lab
B.Tech (AI & ML)	BTCS 505-18	Database Management Systems lab
B.Tech (AI & ML)	BTAIML 503-20	Programming in Python Lab
B.Tech (AI & ML)	BTAIML 504-20	Artificial Intelligence Lab
B.Tech (AI & ML)	BTCS 504-18	Computer Networks
B.Tech (AI & ML)	BTCS 619-18	Machine Learning
B.Tech (AI & ML)	BTCS 507-18	Computer Networks Lab
B.Tech (AI & ML)	BTCS 620-18	Machine Learning Lab
B.Tech (AI & ML)	BTCS 601-18	Compiler Design
B.Tech (AI & ML)	BTAI ML701-20	Computer Vision
B.Tech (AI & ML)	BTCS 703-18	Data Visualization using tableau
B.Tech (AI & ML)	BTCS 801-20	User Interface development
B.Tech (AI & ML)	BTAIML 505-20	Java Programming
B.Tech (AI & ML)	BTAIML 506-20	Data Mining and Data Warehouse
B.Tech (AI & ML)	BTAIML 509-20	Graph Theory
B.Tech (AI & ML)	BTCS702-18	Big Data Analytics
B.Tech (AI & ML)	BTAIML603-20	Neural Networks
B.Tech (AI & ML)	BTAIML605-20	Recommender System
B.Tech (AI & ML)	BTAIML607-20	Advance Computing and Network Technologies
B.Tech (AI & ML)	BTAIML703-20	NLP and Information Retrieval
B.Tech (AI & ML)	BTAIML705-20	Network Security Applications using AI
B.Tech (AI & ML)	BTAIML707-20	Robotics and Intelligent systems Deep Learning
B.Tech (AI & ML)	BTCS704-18	Applied Intelligence
B.Tech (AI & ML)	BTAIML709-20	Augmented and Virtual reality
B.Tech ECE 2019	BTEC-907A-18	Wireless Sensor Networks

"Propelling Punjab to a prosperous Knowledge Society"

Head  
Department of Electronics & Communication Engineering  
I.K. Gujral Punjab Technical University  
Main Campus, Kapurthala (Punjab)-144603

I. K. Gujral Punjab Technical University

IKG-PTU Main Campus, Jalandhar Kapurthala Highway, Near Pushpa Gujral Science City, Kapurthala - 144601.

Email : eceofficeikgptu@gmail.com Website : www.ptu.ac.in