



PINNACLE GROUP INITIATIVES ELITE COLLEGE OF ENGINEERING

E.C.E B. TECH COLLEGE APPROVED BY AICTE & AFFILIATED TO MAKAUT (WBUT)
PO-Karnamadharpur, PS-Ghola, Sodepur, Kolkata-113. Phone-(033)25956632 / 9831500840, Web-www.petindia.org

Ref no:- ECE/PO/NOTICE/2020/050

Date: 11th January, 2021

NOTICE

NPTEL has published the MOOCs course list for the session Jan-April, 2021. All students of 1st, 3rd, 5th and 7th semester are hereby directed to enroll their names in MOOCs through SWAYAM (swayam.gov.in) as this is the mandatory for all students to complete the B. Tech Course. The suggested course list from the department is as below:

Sl no	Dept	Sem	Name of the course	Duration
1	B. Sc. & Hu	1st	Soft Skill Development	8 weeks
2	Mechanical Engg.	3rd	Principles of Casting Technology	8 weeks
		5th	Laws of Thermodynamics	4 weeks
		7th	Computational Fluid Dynamics for Incompressible Flows	12 weeks
			Introduction to Mechanical Micro Machining	12 weeks
				12 weeks
3	Civil Engg.	3rd	Basic construction materials	12 weeks
		5th	Maintenance and Repair of Concrete Structures	12 weeks
		7th	Water Supply Engineering	12 weeks
4	Electrical Engg.	3rd	Analog circuits	8 weeks
			Network analysis.	12 weeks
		5th & 7th	Fundamental of power electronics	12 weeks
			control engineering	12 weeks
			Digital electronics circuit	12 weeks
			Power system Engineering	12 weeks
			Electric machines	12 weeks
			Electric machine II	12 weeks
			Microprocessor and Micro controller	12 weeks
			Analog circuits	8 weeks
			Network analysis	12 weeks
			Power system dynamics control and monitoring	12 weeks
5	Computer Sc. & Engg.	3rd, 5th & 7th	Detailed course list attached with the notice	



PINNACLE GROUP INITIATIVES

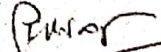
ELITE COLLEGE OF ENGINEERING

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The students are also informed that they may opt any of the course as per the published courses. The last date of enrolment is 25th January, 2021.


(Dr. S. Basack) 11/01/21
Principal, ECE

Principal
Elite College of Engineering
Karnamadharpur, Ghola
Kolkata - 700 113

CC to:

1. All B. Tech students through college website
2. All Faculty Members through HODs
3. Director (A & HR) – for kind information please
4. Director (O) – for kind information please
5. Mr. Sankar Ray – OIC, EIEM – for kind information please
5. Mr. P. K. Nag – AO, ECE – for kind information please
7. Mr. Tathagata Roy Chowdhury – For n/a please
8. Reception - ECE

CSE:

2nd Year:

Art of C Programming

By Dr. Lajish V.L | Department of Computer Science, University of Calicut.
https://onlinecourses.swayam2.ac.in/cec21_cs05/preview

Computer Architecture

By Prof. Smruti Ranjan Sarangi | IIT Delhi
https://onlinecourses.nptel.ac.in/noc21_cs41/preview

Mathematical Economics

By Sikha Ahmad, Ishteyaaq Ahmad | Doon University, Dehradun, Uttaranchal University, Dehradun
https://onlinecourses.swayam2.ac.in/cec21_hs19/preview

Foundation Course in Managerial Economics

By Prof. Barnali Nag | IIT Kharagpur
https://onlinecourses.nptel.ac.in/noc21_mg26/preview

Computer Organization and Architecture: A Pedagogical Aspect

By Prof. Santhosh biswas, Prof. Jatindra kumar deka , Prof. Arnab sarkar | IIT Bhillai, IIT Guwahati, IIT Kharagpur
https://onlinecourses.nptel.ac.in/noc21_cs37/preview

Data Structures

By Dr.S.Sasikala, Associate Professor of Computer Science, Institute of distance Education University of Madras. | University of Madras, Chennai, Tamil Nadu
https://onlinecourses.swayam2.ac.in/cec21_cs02/preview

Foundations to Computer Systems Design

By Prof. Kamakoti Veezhinathan | IIT Madras
https://onlinecourses.nptel.ac.in/noc21_cs29/preview

Problem solving Aspects and Python Programming

By Dr.S.Malliga, Dr.R.Thangarajan, Dr.S.V.Kogilavani | Kongu Engineering College
https://onlinecourses.swayam2.ac.in/cec21_cs01/preview

Problem solving through Programming In C

By Prof. Anupam Basu | IIT Kharagpur
https://onlinecourses.nptel.ac.in/noc21_cs01/preview

Programming, Data Structures And Algorithms Using Python

By Prof. Madhavan Mukund | Chennai Mathematical Institute
https://onlinecourses.nptel.ac.in/noc21_cs21/preview

The Joy of Computing using Python

By Prof. Sudarshan Iyengar, Prof. Yayati Gupta | IIT Ropar
https://onlinecourses.nptel.ac.in/noc21_cs32/preview

3rd Year

An Introduction to Artificial Intelligence

By Prof. Mausam | IIT Delhi

https://onlinecourses.nptel.ac.in/noc21_cs12/preview

Artificial Intelligence

By Prof. Bhushan Trivedi | OLS University

https://onlinecourses.swayam2.ac.in/ccc21_cs08/preview

Artificial Intelligence: Knowledge Representation and Reasoning

By Prof. Deepak Khemani | IIT Madras

https://onlinecourses.nptel.ac.in/noc21_cs26/preview

Cloud computing

By Prof. Soumya Kanti Ghosh | IIT Kharagpur

https://onlinecourses.nptel.ac.in/noc21_cs14/preview

Cloud Computing and Distributed Systems

By Prof. Rajiv Misra | IIT Patna

https://onlinecourses.nptel.ac.in/noc21_cs15/preview

Compiler Design

By Prof. Santanu Chattopadhyay | IIT Kharagpur

https://onlinecourses.nptel.ac.in/noc21_cs07/preview

Introduction to Machine Learning

By Prof. Balaraman Ravindran | IIT Madras

https://onlinecourses.nptel.ac.in/noc21_cs24/preview

Introduction to internet of things

By Prof. Sudip Misra | IIT Kharagpur

https://onlinecourses.nptel.ac.in/noc21_cs17/preview

Machine Learning, ML

By Prof. Carl Gustaf Jansson | KTH, The Royal Institute of Technology

https://onlinecourses.nptel.ac.in/noc21_cs51/preview

Operating System

By Prof. Sorav Bansal | IIT Delhi

https://onlinecourses.nptel.ac.in/noc21_cs44/preview

Python for Data Science

By Prof. Raguathan Rengasamy | IIT Madras

https://onlinecourses.nptel.ac.in/noc21_cs33/preview

Software Testing

By Prof. Rajib Mall | IIT Kharagpur

https://onlinecourses.nptel.ac.in/noc21_cs13/preview

Programming in Java

By Prof. Debasis Samanta | IIT Kharagpur

https://onlinecourses.nptel.ac.in/noc21_cs03/preview

Introduction to Industry 4.0 and Industrial Internet of Things

By Prof. Sudip Misra | IIT Kharagpur

https://onlinecourses.nptel.ac.in/noc21_cs20/preview

4th Year:

AI: Constraint Satisfaction

By Prof. Deepak Khemani | IIT Madras

https://onlinecourses.nptel.ac.in/noc21_cs27/preview

An Introduction to Artificial Intelligence

By Prof. Mausam | IIT Delhi

https://onlinecourses.nptel.ac.in/noc21_cs42/preview

Artificial Intelligence

By Prof. Bhushan Trivedi | GLS University

https://onlinecourses.swayam2.ac.in/cec21_cs08/preview

Cloud Computing and Distributed Systems

By Prof. Rajiv Misra | IIT Patna

https://onlinecourses.nptel.ac.in/noc21_cs15/preview

Cloud computing

By Prof. Soumya Kanti Ghosh | IIT Kharagpur

https://onlinecourses.nptel.ac.in/noc21_cs14/preview

Compiler Design

By Prof. Santanu Chattopadhyay | IIT Kharagpur

https://onlinecourses.nptel.ac.in/noc21_cs07/preview

Computer Vision and Image Processing - Fundamentals and Applications

By Prof. M. K. Bhuyan | IIT Guwahati

https://onlinecourses.nptel.ac.in/noc21_cs23/preview

Cryptography and Network Security

By Prof. Sourav Mukhopadhyay | IIT Kharagpur

https://onlinecourses.nptel.ac.in/noc21_cs16/preview

Cyber Security

By Dr.G.PADMAVATHI | Avinashilingam Institute for Home Science & Higher Education for Women, Coimbatore

https://onlinecourses.swayam2.ac.in/ssc21_cs02/preview

Data Analytics with Python

By Prof. A Ramesh | IIT Roorkee

https://onlinecourses.nptel.ac.in/noc21_cs45/preview

Data Mining

By Prof. Pabitra Mitra | IIT Kharagpur

https://onlinecourses.nptel.ac.in/noc21_cs06/preview

Data Science for Engineers

By Prof. Raguathan Rengasamy, Prof. Shankar Narasimhan | IIT Madras

https://onlinecourses.nptel.ac.in/noc21_cs23/preview

Deep Learning - IIT Ropar

By Prof. Sudarshan Iyengar | IIT Ropar

https://onlinecourses.nptel.ac.in/noc21_cs35/preview

Deep Learning - IITKGP

By Prof. Prabir Kumar Biswas | IIT Kharagpur

https://onlinecourses.nptel.ac.in/noc21_cs05/preview

Foundations of Cryptography
By Prof. Ashish Choudhury | IIIT Bangalore
https://onlinecourses.nptel.ac.in/noc21_cs43/preview

Information Security - 5 - Secure Systems Engineering
By Prof. Chester Rebeiro | IIT Madras
https://onlinecourses.nptel.ac.in/noc21_cs30/preview

Introduction to Cyber Security
By Dr. Jeetendra Pande | Uttarakhand Open University, Haldwani
https://onlinecourses.swayam2.ac.in/nou21_cs01/preview

Introduction to Industry 4.0 and Industrial Internet of Things
By Prof. Sudip Misra | IIT Kharagpur
https://onlinecourses.nptel.ac.in/noc21_cs20/preview

Introduction to Machine Learning
By Prof. Balaraman Ravindran | IIT Madras
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Introduction to internet of things
By Prof. Sudip Misra | IIT Kharagpur
https://onlinecourses.nptel.ac.in/noc21_cs17/preview

Machine Learning, ML
By Prof. Carl Gustaf Jansson | KTH, The Royal Institute of Technology
https://onlinecourses.nptel.ac.in/noc21_cs51/preview

Privacy and Security in Online Social Media
By Prof. Ponnurangam Kumaraguru | IIIT Delhi
https://onlinecourses.nptel.ac.in/noc21_cs28/preview

Problem solving Aspects and Python Programming
By Dr.S.Malliga, Dr.R.Thangarajan, Dr.S.V.Kogilavani | Kongu Engineering College
https://onlinecourses.swayam2.ac.in/cec21_cs01/preview

Python for Data Science
By Prof. Ragunathan Rengasamy | IIT Madras
https://onlinecourses.nptel.ac.in/noc21_cs33/preview

Social Networks
By Prof. Sudarshan Iyengar | IIT Ropar
https://onlinecourses.nptel.ac.in/noc21_cs31/preview

Software Testing
By Prof. Rajib Mall | IIT Kharagpur
https://onlinecourses.nptel.ac.in/noc21_cs13/preview