

**LIST OF NOVEL ENGAGING COURSES JAN. - JUNE 2023**

Sr.	Course Name & Code	Mentor	Mentor Deptt.
1	3D Printing (2000001)	Gavendra Norkey	ME
2	Amateur Radio Communication (2000002)	Vandana Vikas Thakare	EC
3	Design Skills Using Simulation Software (2000003)	Sharad Agrawal	ME
4	Data Analysis Skills (2000004)	D.K. Jain	MAC
5	Robotics (2000007)	Karuna Markam	EC
6	Vehicular Skill Development (2000008)	Vedansh Chaturvedi	ME
7	Animation (2000009)	Amit Manjhvar	CSE
8	Digital Learning* - II (2000011)	Punit Kumar Johari	IT
9	Elements of Photographic Skills (2000012)	D.K. Parsediya	EC
10	Environment Protection* - II (2000014)	Aditya K. Agarwal	CE
11	National Service Scheme** (NSS) - II (2000017)	Manish Sagar	NSS
12	National Service Scheme** (NSS) - IV (2000019)	Manish Sagar	NSS
13	National Cadet Corps** (NCC) - II (2000021)	B.P.S. Bhadoria	NCC
14	National Cadet Corps** (NCC) - IV (2000023)	B.P.S. Bhadoria	NCC
15	Organic Farming (2000028)	Archana Tiwari	CE
16	Games & Sports** - II (2000033)	B.P.S. Bhadoria	Sports
17	Games & Sports** - IV (2000035)	B.P.S. Bhadoria	Sports
18	Holistic Health* - II (2000043)	Vishal Chaudhary	EE
19	Sculpture Making* - II (2000047)	Pranshi Jain	Arch.
20	English Literary Skills (2000048)	Sanjeev Khanna	Humanities
21	Hindi Language Skills (2000049)	A.S. Ojha	MAC
22	Preliminary Journalism Skills (2000050)	Anish P. Jacob	CM
23	Food and Nutrition (2000052)	Anjula Gaur	App. Sc.
24	Career Guidance & Preparedness (2000053)	Praveen Bansal & Swati Gupta	EE & CM.
25	Public Speaking* - II (2000059)	Manish Dixit & Ankita Sengar	CSE
26	Coding Skills** - II (2000061)	Rajni Ranjan Singh	CSE
27	Coding Skills** - IV (2000063)	Rajni Ranjan Singh	CSE
28	Emerging Technologies in Computer Science (2000064)	Mahesh Parmar	CSE
29	Software Development** - II (2000067)	Atul Chauhan	Data Resource
30	Software Development** - IV (2000069)	Atul Chauhan	Data Resource
31	Photo Editing Software: Adobe Photoshop (2000070)	Versha Sinha	Arch.
32	Basics of Technical Analysis in Stocks (2000071)	Ankit Kumar	Arch.
33	Graphic Design (2000072)	Satyam Shukla	Arch.
34	World Heritage Sites: A Brief Overview (2000073)	Richa Mishra	Arch.
35	Basic and Advanced Excel (2000074)	Abhilash Shukla	CE
36	Shilpa Samhita : Philosophy of Indian Ancient Geotechnical Engineering (2000075)	Chayan Gupta	CE
37	Fire Safety and Regulation in Building (2000076)	Hemant Shrivastava	CE
38	Developments in Pavement Construction: Past to Future (2000077)	Jayvant Choudhary	CE
39	Shutter Up-Flash Me Photography (2000080)	Shourabh Raghuwanshi	CM
40	Science and Technology Around Us (2000081)	Rakesh Dubey	CM
41	Cloud Computing: Techniques & Tools (2000083)	Mir Shahnawaz Ahmad	CSE
42	Role of MATLAB in Computations (2000084)	Ranjeet Kumar Singh	CSE
43	Demystifying Online Social networks (2000085)	Arun Kumar	CSE
44	Gender Sensitization (2000088)	Anshu Chaturvedi	CSE
45	IT Tools (2000089)	Abhishek Dixit	IT
46	Understanding Financial Markets (2000090)	Saumil Maheshwari	IT
47	Intellectual Property : Rules, Drafting and Processing (2000091)	Vikram Rajpoot	IT
48	Modern techniques for business correspondence (2000093)	Namrata Agrawal	IT
49	Integrating Engineering and Literacy (2000094)	Tej Singh	IT (AIR)
50	Imbalance Learning (2000095)	Bhagat Singh Raghuwanshi	IT (AIR)
51	Python for Image processing applications using OpenCV (2000096)	Pawan Dubey	IT (AIR)
52	MATLAB: Applications in Mathematical Biology (2000098)	Divya Chaturvedi	MAC
53	Basics and Applications of Mathematica (2000099)	Atul Kumar Ray	MAC

54	Technical Report Writing for Engineers (2000100)	Minakshi	MAC
55	Proficiency in Microsoft Excel (2000101)	Nikhil Paliwal	EE
56	Fundamentals of Electronics Devices (2000102)	Manoj Kumar	EE
57	Microsoft Visio: Scratch to Advance (2000103)	Bhavna Rathore	EE
58	Electrical Wiring, hazards & safety (2000107)	Saurabh Rajput	EE
59	Basics of MATLAB Programming (2000108)	Sandeep Sharma	EC
60	Basic Programming of Python using Google Colab (2000109)	Hemant Choubey	EC
61	LT Spice Tutorial for Circuit Simulation (2000110)	Vikas Mahor	EC
62	Understanding Logic Gates (2000114)	Rahul Dubey	EC
63	MATLAB Simulink (2000115)	Deepak Batham	EC
64	Solar Applications (2000118)	Ravi Kant Ranjan	ME
65	Computational Methods for Engineers using MATLAB (2000119)	Nitin Upadhyay	ME
66	Role of Non-Destructive Testing (NDT) in modern inspection technology (2000120)	Surendra Chourasiya	ME
67	Material Characterization Techniques for Engineering Applications (2000122)	Dinesh Rathore	ME
68	System Dynamics: Using Bond Graph Approach (2000123)	Neeraj Mishra	ME
69	Basics of Campus Recruitment Training (2000124)	Trilok Pratap Singh	MBA
70	Corporate Governance (2000125)	Namrata Gupta	MBA
71	Professional Networking & CSR (2000126)	Monica Chauhan Bhadoriya	MBA
72	Craft practices in India (2000127)	Gautam Bhadoriya	CE
73	Smart Grid (2000129)	Himmat Singh	EE
74	Study of Historical Monuments of Gwalior (2000130)	Jaimala Jha	CSE
75	An Introduction to Queueing Systems and its Applications (2000131)	J.K. Mutele	MAC
76	Image processing using MATLAB (2000132)	Khushboo Agarwal	CSE
77	Digital Circuit Design (2000133)	Kuldeep Swarnkar	EE
78	Practical Electronics for Inventors (2000134)	Madhav Singh	EC
79	Research Paper Preparation and Publication -Basics (2000135)	Rakesh Narvey	EE
80	Basics of Control Systems for Engineers (2000136)	R.P. Narwaria	EC
81	Computational Thinking for Problem Solving (2000137)	Sanjiv Sharma	IT
82	Introduction to AutoCAD for Engineers (2000138)	Utkarsh Srivastava	ME
83	Smart Home Technologies (2000139)	Vikas Shejwar	IT
84	OrCAD PSpice (2000140)	Yashwant Sawle	EE
85	Electrical Safety (2000141)	Vijay Bhuria	EE
86	Microsoft Office-Excel Skills (2000142)	Abhilash Sonker	IT
87	Know your Country: History, Culture & Traditions (2000143)	Neha Bhardwaj	IT
88	Technical writing (2000144)	Nidhi Saxena	IT
89	“The Smith Chart” concepts for solving complex network problems (2000145)	Pooja Sahoo	EC
90	Basic Course in Numerical Simulation using Scilab (2000146)	Vikram Saini	EE
91	Digital Image Enhancement Techniques (2000147)	Shubhi Kansal	EC
92	Project Management (2000148)	Jyoti Vimal	ME
93	Software Model and Project Management Life Cycle (2000149)	Parul Saxena	CSE
94	Statistical data analysis through programming (2000150)	Dhananjay Bisen	IT
95	Innovation: From Creativity to Entrepreneurship**-II (2000152)	Ankit Tiwari	EE
96	Entrepreneurship: Concept to Company*-II (2000156)	Varun Sharma	EC
97	Bhagwad Gita- An Introduction (2000157)	C.S. Malvi	ME

- Note:**
1. Courses marked with \* are of two parts (Part –I & II will run in two semesters). One credit for each part.
  2. Courses marked with \*\* are of four parts (Part – I, II, III & IV will run in four semesters). One credit for each part.
  3. Remaining all courses are of one credit each.
  4. **Courses 2000017, 2000021 and 2000152 are for IV Semester students only.**
  5. **Courses 2000019, 2000023 and 2000156 are for VI Semester students only.**
  6. **All courses are open for both IV & VI Semester students except as mentioned in (4) & (5) above, subject to the condition that the courses studied earlier cannot be taken again.**