Note:
1. You are free to pick any topic related to computational methods and its applications. However, your topic should not overlap with ones that are / will be covered during the course. Also, do not pick topics that are chosen by others. If there are conflicts, FCFS rule will be applied.
2. Fill this sheet by 05:00 PM Fri, 31 Mar 2023.
2. You are required to give a 5 - 10 min live presentation. To that end, choose a preferred presentation slot in the last column. Each slot can accomodate at-most 15 presentation, and FCFS rule will be applied to finalize the presentation slot.

Sl. No.	Roll No.	Name	Topic	Presentation Slot
1	112202008	Susmita Behera	Newton's Divided-difference Formula	19 Apr 2023
2	112202011	Shubhang Kedia	Convex Hull	19 Apr 2023
3	112202009	B Sai Subrahmanyam	Different Interpolation Methods	19 Apr 2023
4	112001041	Sidharth Chadha	False Position Method	19 Apr 2023
5	112202003	Mayank	Pi(π): Across History	19 Apr 2023
6	112202001	Kaustubh Sapkale	Binary Search And Its Applications	19 Apr 2023
7	122214001	Vikas Saini	False Position Method	19 Apr 2023

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8	112202010	Sidhartha Sankar Pradhan	Numerical Solution Of Ode	26 Apr 2023
9	112001043	Ujjwal Verma	Euler Modified Method	26 Apr 2023
10	112202007	Kritika Kashyap	Runge Kutta Methods	26 Apr 2023
11	112001055	Subhendu Sekhar Sahoo	Dfs Traversal And Its Application	26 Apr 2023
12	152202007	Karthik Dhondi	Karger's Min Cut	26 Apr 2023
13	112202012	Sneha Bhattacharjee	Cholesky Decomposition	26 Apr 2023
14	112001056	Milan Chakraborty	Simson's One Third Rule For Integration	26 Apr 2023
15	152202019	Nideesh N	Karatsuba Algorithm	26 Apr 2023
16	112202004	Mangesh Dalvi	Matrix Exponentiation And Its Applications	26 Apr 2023
17	112001033	Katragadda Yagnesh	Romberg Method	26 Apr 2023
18	112001008	Pasupulati.madhulatha	Ordinary Differential Equations	26 Apr 2023
19	112001009	Boda.akhilesh	Network And Random Graphs	26 Apr 2023
20	112001052	Susomon Dutta	Orthogonality Of Legendre Polynomial	26 Apr 2023
21	112202008	Jyothiradithya	Simple Fluid Simulation Using Approximation Of Navier-stokes Equation	26 Apr 2023
22	112001016	Athul M A	Conjugate Gradient Method	26 Apr 2023

Sl. No.	Roll No.	Name	Topic	Presentation Slot
23	112202010	Zahir Khan	Finding Roots By Numerical Method (Newton's Method)	03 May 2023
24	112001049	Sujit Mandava	Travelling Salesman Problem Overview	03 May 2023
25	112001028	Raushan Kumar	Eigen Value And Eigen Vector	03 May 2023
26	112001010	Ashicka P Saj	Heatmaps In Python	03 May 2023
27	112001039	Aniket Nargotra	Dynamic Programming And Its Application	03 May 2023
28	112001051	Vanapalli Nitish Sai Kumar	Euler Methods	03 May 2023
29	111901027	Priyanshu Gupta	Various Methods To Estimate Pi	03 May 2023
30	112001008	Arun Sankar	Minimum Spanning Tree And Related Algorithms	03 May 2023
31	152202012	Atyam Lakshmi Nikhitha	Particle Swarm Optimisation	03 May 2023
32	111801009	Yukta Salunkhe	Assignment Problems: Hungarian Algorithm	03 May 2023
33	112001039	Shubh Pareek	Ford Fulkerson Method (Max Flow Related)	03 May 2023
34	112001035	Vm Sreeram	Segment Tree And Its Applications	03 May 2023
35	122304006	Saarang S	Finite Element Methods	03 May 2023
36	112001053	Karuna Biswas	Breadth First Search/traversal And It's Applicaion	03 May 2023
37	112001040	Nenavath Srinivas	Tridiagonal Matrix Algorithm	03 May 2023