



Module PMRF-ISSS034

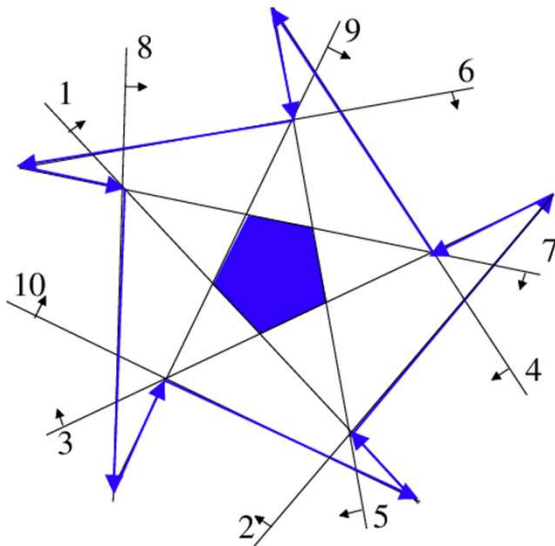
## Introduction to Operations Research

Name of the PMRF student

Pratik Samal

Required background of the students taught

Basic Linear Algebra



Details of the content of the module

- **Linear Programming Problems and Formulations**
- **Graphical Method to solve LPP**
- **The Simplex Algorithm**
- **Big M Method and Two Phase Method**
- **Sensitivity Analysis**
- **Duality and Dual Simplex Method**
- **Sensitivity Analysis contd.**
- **Integer Programming**
- **Transportation Problem**
- **Assignment Problem**

Schedule of the module

**Saturdays and Sundays**

**5:00 pm to 7:00 pm (Can be modified)**

**Start Date: 24 Feb / 02 Mar 2024**

Registration link:

<https://forms.gle/pPWJeehgLZAYBMZDA>

Meeting link : Will be shared later

Contact email ID: [iss.sforum@gmail.com](mailto:iss.sforum@gmail.com)