

### Summer School, 2023 Course Details

<b>Course Name</b>	<b>Course Instructor</b>	<b>Course Duration</b>
Introductory Course on Life Cycle Assessment (LCA) of Engineering Systems	Prof. Anil Kumar Dikshit Dept. of Environmental Science & Engineering	12 <sup>th</sup> – 16 <sup>th</sup> June, 2023
Planetary Exploration and Space Science	Prof. Deepak Singh Centre of Studies in Resources Engineering	12 <sup>th</sup> – 16 <sup>th</sup> June, 2023
Motor Drives for Electric Vehicles	Prof. Siddavatam Ravi Prakash Reddy Dept. of Energy Science and Engineering	12 <sup>th</sup> – 16 <sup>th</sup> June, 2023
Introduction to Statistics	Prof. Ritayan Mitra Educational Technology	12 <sup>th</sup> – 16 <sup>th</sup> June, 2023
Introduction to Numerical Optimization	Prof. Avijit Maji Dept. of Civil Engineering	19 <sup>th</sup> – 23 <sup>rd</sup> June, 2023
Classical Indian Philosophy in the Contemporary World	Prof. C. D. Sebastian & Prof. Mrinal Kaul Dept. of Humanities and Social Sciences	19 <sup>th</sup> – 23 <sup>rd</sup> June, 2023
Waste to Energy - Sustainable Waste management	Prof. Sandeep Kumar Dept. of Energy Science & Engineering	19 <sup>th</sup> – 23 <sup>rd</sup> June, 2023
Systems Engineering Principles	Prof. Hemendra Arya Dept. of Aerospace Engineering	19 <sup>th</sup> – 23 <sup>rd</sup> June, 2023
Neuromorphic Computing (Implementing AI/ML in Edge Devices)	Prof. Debanjan Bhowmik Dept. of Electrical Engineering	19 <sup>th</sup> – 23 <sup>rd</sup> June, 2023