

**Department of Computer Engineering ( 2021-2022)**  
**NPTEL courses Mapped to Curriculum**

**Second Year ( Odd Semester)**

Semster	Subject	Chapter (if applicable)	Course Name	Current Semster Course home Page link	Week No ( if applicable)	Course Repo of past courses ( <a href="https://nptel.ac.in/course.html">https://nptel.ac.in/course.html</a> )
III	Applied Mathematics-III	Module 1:Laplace Transforms	Laplace Transform, Introduction to Methods of Applied Mathematics	<a href="https://onlinecourses.nptel.ac.in/noc21_ma69/preview">https://onlinecourses.nptel.ac.in/noc21_ma69/preview</a>	Week 2, 3, 4	<a href="https://nptel.ac.in/courses/111/105/111105134/">https://nptel.ac.in/courses/111/105/111105134/</a> , <a href="https://nptel.ac.in/courses/111/105/111105123/">https://nptel.ac.in/courses/111/105/111105123/</a>
		Module 2 :Inverse Laplace Transfc	Introduction to Methods of Applied Mathematics	<a href="https://onlinecourses.nptel.ac.in/noc21_ma64/preview">https://onlinecourses.nptel.ac.in/noc21_ma64/preview</a>	Week 5, 6	<a href="https://nptel.ac.in/courses/111/105/111105134/">https://nptel.ac.in/courses/111/105/111105134/</a> , <a href="https://nptel.ac.in/courses/111/105/111105123/">https://nptel.ac.in/courses/111/105/111105123/</a>
		Module 3:Fourier Series	Introduction to Methods of Applied Mathematics	<a href="https://onlinecourses.nptel.ac.in/noc21_ma64/preview">https://onlinecourses.nptel.ac.in/noc21_ma64/preview</a>	Week 7, 8	<a href="https://nptel.ac.in/courses/111/105/111105134/">https://nptel.ac.in/courses/111/105/111105134/</a> , <a href="https://nptel.ac.in/courses/111/105/111105123/">https://nptel.ac.in/courses/111/105/111105123/</a>
		Module 4:Complex Variables	Complex Analysis	<a href="https://onlinecourses.nptel.ac.in/noc21_ma39/preview">https://onlinecourses.nptel.ac.in/noc21_ma39/preview</a>	Week 3, 4	<a href="https://nptel.ac.in/courses/111/105/111105134/">https://nptel.ac.in/courses/111/105/111105134/</a> , <a href="https://nptel.ac.in/courses/111/107/111107119/">https://nptel.ac.in/courses/111/107/111107119/</a>
		Module 5:Statistical Techniques	Regression Analysis	<a href="https://onlinecourses.nptel.ac.in/noc21_ma43/preview">https://onlinecourses.nptel.ac.in/noc21_ma43/preview</a>	Week 1, 2	<a href="https://nptel.ac.in/courses/111/104/111104098/">https://nptel.ac.in/courses/111/104/111104098/</a>
		Module 6: Probability	Probability and Statistics	<a href="https://onlinecourses.nptel.ac.in/noc21_ma74/preview">https://onlinecourses.nptel.ac.in/noc21_ma74/preview</a>		
	Data Structure					
	Computer Graphics		Computer Graphics	<a href="https://onlinecourses.nptel.ac.in/noc21_cs97/preview">https://onlinecourses.nptel.ac.in/noc21_cs97/preview</a>		<a href="https://nptel.ac.in/courses/106/106/106106090/">https://nptel.ac.in/courses/106/106/106106090/</a>
	Skilled based Lab(OOPM-Java)		Programming in Java	<a href="https://onlinecourses.nptel.ac.in/noc20_cs58/preview">https://onlinecourses.nptel.ac.in/noc20_cs58/preview</a>		

**Third Year ( Odd Semester)**

Semster	Subject	Chapter (if applicable)	Course Name	Course home Page link	Week No ( if applicable)	Course home Page link ( <a href="https://nptel.ac.in/course.html">https://nptel.ac.in/course.html</a> )
	Theory of Computer Science		Theory of Computation	<a href="https://onlinecourses.nptel.ac.in/noc21_cs83/preview">https://onlinecourses.nptel.ac.in/noc21_cs83/preview</a>		<a href="https://nptel.ac.in/courses/106/104/106104148/">https://nptel.ac.in/courses/106/104/106104148/</a>
	Software Engineering			<a href="https://onlinecourses.nptel.ac.in/noc21_cs65/preview">https://onlinecourses.nptel.ac.in/noc21_cs65/preview</a>		<a href="https://nptel.ac.in/courses/106/105/106105182/">https://nptel.ac.in/courses/106/105/106105182/</a>
	Data warehousing and Mining		Business Analytics & Data Mining Modeling Using R	<a href="https://onlinecourses.nptel.ac.in/noc21_mg64/preview">https://onlinecourses.nptel.ac.in/noc21_mg64/preview</a>		<a href="https://nptel.ac.in/noc/courses/noc21/SEM2/noc21-mg64/">https://nptel.ac.in/noc/courses/noc21/SEM2/noc21-mg64/</a>
	Computer Network		Demystifying Network	<a href="https://onlinecourses.nptel.ac.in/noc19_cs75/preview">https://onlinecourses.nptel.ac.in/noc19_cs75/preview</a>		<a href="https://nptel.ac.in/courses/106/101/106101209/">https://nptel.ac.in/courses/106/101/106101209/</a>
	Bisusiness Comm. and Ethics II			<a href="https://onlinecourses.nptel.ac.in/noc19_hs35/preview">https://onlinecourses.nptel.ac.in/noc19_hs35/preview</a>		<a href="https://nptel.ac.in/courses/110/105/110105097/">https://nptel.ac.in/courses/110/105/110105097/</a>

**Final year ( Odd Semster)**

Semster	Subject	Chapter (if applicable)	Course Name	Course home Page link	Week No ( if applicable)	Course home Page link ( <a href="https://nptel.ac.in/course.html">https://nptel.ac.in/course.html</a> )
VII	Big Data Analytics		Fundamentals of Artificial Intelligence	<a href="https://onlinecourses.nptel.ac.in/noc21_cs86/preview">https://onlinecourses.nptel.ac.in/noc21_cs86/preview</a>		<a href="https://nptel.ac.in/courses/106/104/106104189/">https://nptel.ac.in/courses/106/104/106104189/</a>
	Institute Level Optional Course I MIS		Management Information Systems	<a href="https://onlinecourses.nptel.ac.in/noc21_mg89/preview">https://onlinecourses.nptel.ac.in/noc21_mg89/preview</a>		<a href="https://nptel.ac.in/courses/110/105/110105148/">https://nptel.ac.in/courses/110/105/110105148/</a>