

**Revised Course structure of M Tech in Microelectronics, Photonics and RF Engineering from the year 2022**

**Semester I:**

<b>Code</b>	<b>Course Name</b>	<b>L-T-P</b>	<b>Credits</b>
<b>EE 510</b>	Semiconductor Device Modeling	3-0-0	6
<b>EE 542</b>	RF Circuits and Systems	3-0-0	6
<b>EE 547</b>	Photonics Devices	3-0-0	6
<b>EE 519</b>	Photonic and Microelectronics Laboratory	0-0-4	4
<b>EE 5/6/7XX</b>	Elective 1	3-0-0	6
<b>EE 5/6/7XX</b>	Elective 2	3-0-0	6

**Semester II:**

<b>Code</b>	<b>Course Name</b>	<b>L-T-P</b>	<b>Credits</b>
<b>EE 512</b>	Analog IC Design	3-0-0	6
<b>EE 540</b>	Advance Electromagnetic Theory & Antennas	3-0-0	6
<b>EE 548</b>	RF Laboratory	0-0-3	3
<b>EE 549</b>	Photonics Integrated Circuits	3-0-0	6
<b>EE 5/6/7XX</b>	Elective 3	3-0-0	6
<b>EE 5/6/7XX</b>	Elective 4	3-0-0	6

**Semester III:**

<b>Code</b>	<b>Course Name</b>	<b>L-T-P</b>	<b>Credits</b>
<b>EE 698</b>	Project Phase-I	0-0-24	24

**Semester IV:**

<b>Code</b>	<b>Course Name</b>	<b>L-T-P</b>	<b>Credits</b>
<b>EE 699</b>	Project Phase-II	0-0-24	24