

### Agenda Item 3

#### **3.1 Finalizing the new scheme for M.Tech. Computer Science and Engineering**

The Following Scheme for M.Tech Computer Science and Engineering is approved

<b>M.Tech. (Full-Time) Computer Science &amp; Engineering Course Scheme</b>					
<b>Sr. No.</b>	<b>Subject Code</b>	<b>Course Title</b>	<b>Type</b>	<b>L-T-P</b>	<b>Credits</b>
<b>Semester 1<sup>st</sup></b>					
1	MTCS501	Software Engineering Methodologies	Core	4-0-0	4
2	MTCS502	Databases and Data Mining	Core	4-0-0	4
3	MTCS503	Advanced Data Structures	Core	4-0-0	4
4	MTCS6xx	Programme Elective – I	Programme Elective	3-0-0	3
5	MTCS6xx	Programme Elective – II	Programme Elective	3-0-0	3
6	MTCS507	Lab – I (Software Engineering Methodologies + Advanced Data Structures)	Lab-I	0-0-4	2
<b>Semester 2<sup>nd</sup></b>					
1	MTCS504	Distributed Computing Architecture	Core	4-0-0	4
2	MTCS505	Digital Image Processing	Core	4-0-0	4
3	MTCS506	Information Retrieval	Core	4-0-0	4
4	MTCS6xx	Programme Elective – III	Programme Elective	3-0-0	3
5	MTCS6xx	Open Elective – I	Open Elective	3-0-0	3
6	MTCS508	Lab – II (Digital Image Processing + Information Retrieval)	Lab-II	0-0-4	2
<b>Semester 3<sup>rd</sup></b>					
1	MTCS6xx	Programme Elective – IV	Programme Elective	3-0-0	3
2	MTCS6xx	Open Elective – II	Open Elective	3-0-0	3
3	MTCS509	Pre-Thesis Seminar	Pre Thesis Seminar	0-0-4	4
4	MTCS510	Pre-Thesis Project	Pre Thesis Project	0-0-4	4
<b>Semester 4<sup>th</sup></b>					
1	MTCS511	Thesis	Thesis	0-0-14	14