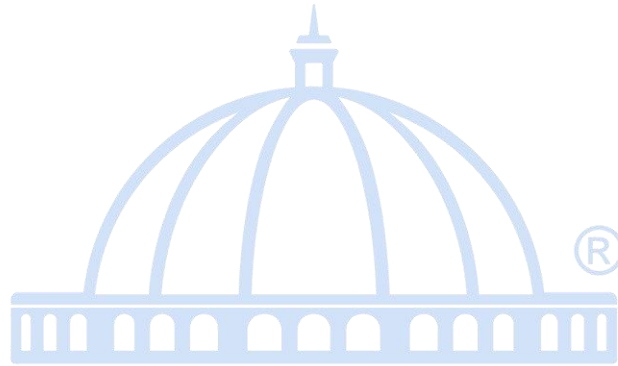


Division	Faculty of Engineering and Technology
School Name	School of Computer Science & Engineering
Department Name	Department of Computer Engineering and Technology
Programme Name	M.Tech Computer Science and Engineering (Data Science And Analytics)

	Sum of Total Credit
<b>Sem-I</b>	<b>23</b>
<b>University Core</b>	<b>5</b>
Research Methodology	2
Philosophy of Science and Religion/Spirituality	2
Yoga for Excellence in Life - I	1
<b>Programme Core</b>	<b>18</b>
Computational Statistics for Data Science	4
Advances in Machine Learning	4
Advances in AI	4
Deep Generative Models	4
Software Lab Data Science and Analytics	2
<b>Sem-II</b>	<b>21</b>
<b>Programme Elective</b>	<b>6</b>
Program Elective I	3
Program Elective II	3
<b>University Core</b>	<b>3</b>
Scientific Studies of Mind, Matter, Spirit and Consciousness	2
Yoga for Excellence in Life - II	1
<b>University Elective</b>	<b>4</b>
University Elective	4
<b>Programme Core</b>	<b>4</b>
Natural Language Processing	4
<b>Research Core</b>	<b>4</b>
PG Seminar	2
Technical Writing	2
<b>Sem-III</b>	<b>20</b>
<b>Programme Elective</b>	<b>6</b>
Program Elective III	3
Program Elective IV	3
<b>Programme Core</b>	<b>4</b>
Image and Video Analytics	4
<b>Research Project</b>	<b>10</b>
Research Project - I	10
<b>Sem-IV</b>	<b>16</b>
<b>Research Project</b>	<b>16</b>
Research Project - II	16
<b>Grand Total</b>	<b>80</b>

LIST OF ELECTIVES

Semester	Course Name/ Course Title	Programm Elective
Sem-I	Soft Computing Techniques	Professional Elective-I
Sem-I	Reinforcement Learning	Professional Elective-I
Sem-II	Data Privacy for Data Science	Professional Elective-II
Sem-II	Cloud and Blockchain for data Analytics	Professional Elective-II
Sem-III	Business Data Analytics and Applications	Professional Elective-III
Sem-III	Social Media Analytics	Professional Elective-III
Sem-III	Software Defined Networks	Professional Elective-IV
Sem-III	Quantum Computing and Machine Learning	Professional Elective-IV



**MIT-WPU**

॥ विश्वशान्तिर्ध्रुवं ध्रुवा ॥