



## SARDAR PATEL UNIVERSITY

### MCA Course Structure for Semester II

<b>SEMESTER-II</b>					
	<b>PAPER CODE &amp; TITLE</b>	<b>CREDITS</b>	<b>EXT.</b>	<b>INT.</b>	<b>TOT.</b>
<b>Core Courses</b>	<b>PS02CMCA31</b> : Object Oriented Programming using Java	<b>4</b>	<b>70</b>	<b>30</b>	<b>100</b>
	<b>PS02CMCA32</b> : Software Engineering	<b>4</b>	<b>70</b>	<b>30</b>	<b>100</b>
	<b>PS02CMCA33</b> : Web Technology	<b>4</b>	<b>70</b>	<b>30</b>	<b>100</b>
	<b>PS02CMCA34</b> : .NET Technology	<b>4</b>	<b>70</b>	<b>30</b>	<b>100</b>
	<b>PS02CMCA35</b> : Practicals based on PS02CMCA31 & PS02CMCA33	<b>3</b>	<b>70</b>	<b>30</b>	<b>100</b>
	<b>PS01CMCA36</b> : Practicals based on PS02CMCA34	<b>2</b>	<b>70</b>	<b>30</b>	<b>100</b>
<b>Elective Course</b>	<b>Elective-I</b>	<b>4</b>	<b>70</b>	<b>30</b>	<b>100</b>
<b>Total Credits</b>		<b>25</b>			

<b>Elective-I (Any One)</b>	<b>PS02EMCA37</b> : Cyber Security
	<b>PS02EMCA38</b> : Data Mining and Data Warehousing
	<b>PS02EMCA39</b> : Software Testing
	<b>PS02EMCA40</b> : Embedded Systems & IoT