

**RESEARCH METHODOLOGY IN SCIENCE (SMX7001 & SVX8001)**

**Semester I, Academic Session 2024/2025**

<b>Week / Date</b>	<b>Lecture Topic</b>	<b>Lecturer / Assessor*</b>
<p align="center"><b>Week 1</b></p> <p><b>11 OCTOBER 2024</b> (Friday)</p> <p>1. 3.00 pm – 4.00 pm</p> <p>2. 4.00 pm - 5.00 pm</p>	<p>1. Project Management as Successful Researcher and How to be a Successful Researcher</p> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>● Online Lecture &amp; Q&amp;A</li> </ul>	<p>Associate Professor Dr. Woon Kai Lin</p>
<p align="center"><b>Week 2</b></p> <p><b>18 OCTOBER 2024</b> (Friday)</p> <p>1. 3.00 pm – 4.00 pm</p> <p>2. 4.00 pm – 5.00 pm</p>	<p>1. Information Management Skills</p> <p>2. Empower Your Scientific Journey with CAS SciFindern</p> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>● Online Lecture &amp; Q&amp;A</li> </ul>	<p>1) Cik Aimi Ihsan Zaidi, Library UM</p> <p>2) Mrs. Pamela Oon</p>
<p align="center"><b>Week 3</b></p> <p><b>25 OCTOBER 2024</b> (Friday)</p> <p>3.00pm – 4.00pm</p> <p>4.00pm – 5.00pm</p>	<p>Academic Presentation Skill &amp; Writing Tips for Successful Postgraduates</p> <p><b>Activity:</b></p> <p>Face to face</p> <p>Venue : Dewan Kuliah 3, Faculty of Science</p>	<p>Professor Dr. Vengadesh Periasamy</p>

Week / Date	Lecture Topic	Lecturer / Assessor*
<p style="text-align: center;"><b>Week 4</b> <b>1 NOVEMBER 2024 (Friday)</b>  3.00 pm – 5.00 pm</p>	<p>How to Write Smart Objective, Research Gap and Problem Statement</p> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>● Online Lecture &amp; Q&amp;A</li> </ul>	ISB: Associate Professor Dr. Sarinder Kaur Kashmir Singh
		ISM: Dr. Loo Tee How
		CHEMS: Dr. Tang Wai Kit
		PHYS: Professor Wan Haliza Abd Majid
		GEO: Dr. Arindam Chakraborty
		STS: Dr. Noor Munirah Isa
<p style="text-align: center;"><b>Week 5</b> <b>8 NOVEMBER 2024 (Friday)</b></p>	<p><b><u>Non Face to face</u></b></p> <p>How to Write Smart Objective, Research Gap and Problem Statement</p> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>● Discussion with supervisor, Complete survey (Form)</li> <li>● Non face to face session</li> </ul>	<p>—</p>
<p style="text-align: center;"><b>Week 6</b> <b>15 NOVEMBER 2024 (Friday)</b>  3.00 pm – 5.00 pm</p>	<p>Literature Review</p> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>● Lecture &amp; Q&amp;A</li> </ul>	ISB: Dr. M Vijayan Manickam Achari
		ISM: Dr. Wang Kah Lun
		CHEMISTRY: Dr. Azeana Zahari
		PHYS: Professor Vengadesh Periasamy
		GEO: Dr. Mohd Talha Anees
		STS: Dr. Suzana Ariff Azizan

Week / Date	Lecture Topic	Lecturer / Assessor*
<p align="center"><b>Week 7</b></p> <p align="center"><b>22 November 2024 (Friday)</b></p>	<p><b><u>Non Face to face</u></b> Literature Review</p> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>• Discussion with supervisor, Complete survey (Form)</li> <li>• Non-face to face session</li> </ul>	<p align="center">■</p>
<p align="center"><b>Week 8</b></p> <p align="center"><b>6 December 2024 (Friday)</b></p> <p align="center">3.00pm. – 5.00pm</p>	<p>How to Write a Proposal</p> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>• Online Lecture &amp; Q&amp;A</li> </ul>	<p>ISB: Dr. Farahaniza Supandi</p> <hr/> <p>ISM: Professor Dr. Wong Kok Bin</p> <hr/> <p>CHEMS: Dr Azman Maamor</p> <hr/> <p>PHYS: Professor Dr. Ramesh Kasi</p> <hr/> <p>GEO: Dr. Elanni Md Affandi</p> <hr/> <p>STS: Dr. Sarmila Muthukrishnan</p>
<p align="center"><b>Week 9</b></p> <p align="center"><b>13 December 2024 (Friday)</b></p>	<p><b><u>Activity:</u></b></p> <p>1. Face to face (Hybrid)</p> <p>- <i>i</i> – Cube</p> <p>- Proposal Defence Summary and Preparation</p> <hr/> <p><b><u>Non Face to face</u></b></p> <p>How to Write a Proposal</p> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>• Discussion with supervisor, Complete survey (Form)</li> <li>• Non face to face session</li> </ul>	<p>Professor Dr. Siti Rohana Majid</p> <hr/> <p>■</p>

Week / Date	Lecture Topic	Lecturer / Assessor*
<p align="center"><b>Week 10</b>  <b>20 December 2024 (Friday)</b>  <b>3.00 pm – 5.00 pm</b></p>	<p><b>Statistics</b></p> <p><b>Activity:</b>  <b>Online Lecture &amp; Q&amp;A</b></p>	<p>Associate Professor Dr. Rossita Mohamad Yunus</p>
<p align="center"><b>Week 11</b>  <b>27 December 2024 (Friday)</b>    3.00 pm – 5.00 pm</p>	<p><b>METHODS 1</b></p> <p>Instrumentation &amp; Measurement (exp) / qualitative &amp; quantitative research method (non- exp)</p> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>• Online Lecture &amp; Q&amp;A</li> </ul>	<p>ISB: Dr. Ahmad Faris Mohd Adnan</p> <hr/> <p>ISM: Dr. Ruhaila Md Kasmani</p> <hr/> <p>CHEMS: Associate Professor Dr. Norazilawati Muhamad Sarih</p> <hr/> <p>PHYSC: Associate Professor Dr Woon Kai Lin</p> <hr/> <p>GEO: Dr. Lin Chin Yik</p> <hr/> <p>STS: Dr. Mohd Salim Mohamed</p>
<p align="center"><b>Week 12</b>  <b>3 January 2025 (Friday)</b>    3.00 pm – 5.00 pm</p>	<p><b>METHODS 2</b></p> <p>Instrumentation &amp; Measurement (exp) / qualitative &amp; quantitative research method (non- exp)</p> <p><b>Activity:</b></p> <ul style="list-style-type: none"> <li>• Online Lecture &amp; Q&amp;A</li> <li>• Submission of video presentation by candidate</li> </ul>	<p>ISB: Dr. Ahmad Faris Mohd Adnan</p> <hr/> <p>ISM: Dr. Ng Choung Min</p> <hr/> <p>CHEMS: Dr. Noordini Mohamad Salleh</p> <hr/> <p>PHYS: Associate Professor Dr Siti Fairus Abdul Sani</p> <hr/> <p>GEO: Dr. Hijaz Kamal Bin Hasnan</p> <hr/> <p>STS: ChM. Dr Archina Buthiyappan</p>

Week / Date	Lecture Topic	Lecturer / Assessor*
<p align="center"><b>Week 13</b></p> <p align="center"><b>10 January 2025 (Friday)</b></p> <p align="center">3.00 pm – 5.00 pm</p>	<p><b><u>Non Face to face</u></b></p> <p>2. Assessment by Assessors to candidates video presentation</p> <p>Submission link</p> <p><a href="https://forms.gle/MXTKiDHs5m38o46F6">https://forms.gle/MXTKiDHs5m38o46F6</a></p>	ISB: Dr. Farahaniza Binti Supandi
		ISM: Dr. Loo Tee How Associate Professor Dr. Zailan Siri
		CHEMS: Dr. Muhammad Kumayl
		PHY: Professor Dr. Sithi Vinayakam Muniandy Associate Professor Dr Woon Kai Lin Associate Professor Dr Siti Fairus Abdul Sani
		GEO: Dr. Muhammad Hatta Bin Roselee
		STS: Dr. Mohd Zufri Mamat
<p align="center"><b>Week 14</b></p> <p align="center"><b>17 January 2025 (Friday)</b></p> <p align="center">3.00 pm – 5.00 pm</p>	<p><b><u>Non Face to face</u></b></p> <p>1. Submission of Literature Review Report by Candidates</p> <p>2. Submission of Proposal by Candidates</p> <p>3. Assessment by Assessors</p> <p>Submission link:</p> <p><a href="https://forms.gle/qDjNsAbkspz5taRH8">https://forms.gle/qDjNsAbkspz5taRH8</a></p>	ISB: Dr. Farahaniza Binti Supandi Dr. Ahmad Faris Mohd Adnan Associate Professor Dr. Sarinder Kaur a/p Kashmir Singh Dr. M Vijayan A/L Manickam
		ISM: Professor Dr. Wong Kok Bin Dr. Ruhaila Md Kasmani Dr. Ng Choung Min
		CHEMS: Associate Professor Dr Low Yun Yee
		PHYS: Professor Dr. Wan Haliza Abd Majid Professor Dr. Vengadesh Periasamy Professor Dr. Ramesh Kasi
		GEO: Dr. Harry Telajan Anak Linang
		STS: Dr. Mohd Zufri Mamat

CLASS PLATFORMS LINK (Microsoft Teams)

CLASS FOR WEEK 1,2,3,9 AND 10



RM

CLASS FOR WEEK 4,6,8,12 BY INSTITUTE/DEPARTMENT



Biological



Mathematical



chemistry



Physics



STS



Geology