

RESEARCH METHODOLOGY IN SCIENCE (SMX7001 & SVX8001)

Semester II, Academic Session 2023/2024

Week / Date	Lecture Topic	Lecturer / Assessor*
<p align="center">Week 1</p> <p>8 MARCH 2024 (Friday)</p> <p>1. 3.00 pm – 4.00 pm</p> <p>2. 4.00 pm - 5.00 pm</p>	<p>1. Briefing by Deputy Dean (Postgraduate)</p> <p>2. Project Management as Successful Researcher and How to be a Successful Researcher</p> <p>Activity:</p> <ul style="list-style-type: none"> ● Online Lecture & Q&A 	<p>1) Professor Dr. Siti Rohana binti Majid</p> <p>2) Associate Professor Dr. Woon Kai Lin</p>
<p align="center">Week 2</p> <p>15 MARCH 2024 (Friday)</p> <p>1. 2.30 pm – 3.30 pm</p> <p>2. 3.30 pm – 4.30 pm</p>	<p>1. Information Management Skills</p> <p>2. Empower Your Scientific Journey with CAS SciFindern</p> <p>Activity:</p> <ul style="list-style-type: none"> ● Online Lecture & Q&A 	<p>1) Cik Aimi Ihsan Zaidi, Library UM</p> <p>2) Mrs. Pamela Oon</p>
<p align="center">Week 3</p> <p>22 MARCH 2024 (Friday)</p> <p>2.30pm – 4.30pm</p>	<p>1. Academic Presentation Skill</p> <p>2. Writing Tips for Successful Postgraduates</p> <p>Activity:</p> <ul style="list-style-type: none"> ● Online Lecture & Q&A 	<p>1) Professor Dr. Sithi Vinayakam A/L Muniandy</p> <p>2) Professor Dr. Normaniza Binti Osman</p>

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<p style="text-align: center;">Week 4</p> <p style="text-align: center;">29 MARCH 2024 (Friday)</p> <p style="text-align: center;">2.30pm – 4.30pm</p>	<p>How to Write Smart Objective, Research Gap and Problem Statement</p> <p>Activity:</p> <ul style="list-style-type: none"> ● Online Lecture & Q&A 	ISB: Associate Professor Dr. Sarinder Kaur a/p Kashmir Singh
		ISM: Dr. Mohd Azmi Haron
		CHEMISTRY: Dr Muhammad Ameerullah
		PHYSICS: Associate Professor Dr Vengadesh Periasamy
		GEOLOGY: Dr. Arindam Chakraborty
STS: Dr. Nurzatil Sharleeza Binti Mat Jalaluddin		
<p style="text-align: center;">Week 5</p> <p style="text-align: center;">5 April 2024(Friday)</p> <p style="text-align: center;">2.30pm – 4.30pm</p>	<p><u>Non Face to face</u></p> <p>How to Write Smart Objective, Research Gap and Problem Statement</p> <p>Activity:</p> <ul style="list-style-type: none"> ● Discussion with supervisor, Complete survey (Form) ● Non face to face session 	<p>■■■■</p>
<p style="text-align: center;">Week 6</p> <p style="text-align: center;">19 April 2024 (Friday)</p> <p style="text-align: center;">3.00 pm – 5.00 pm</p>	<p>Literature Review</p> <p>Activity:</p> <ul style="list-style-type: none"> ● Lecture & Q&A 	ISB: Dr. M Vijayan A/L Manickam
		ISM: Dr. Tan Ta Sheng
		CHEMISTRY: Dr. Azeana Zahari
		PHYSICS: Associate Professor Dr Vengadesh Periasamy
		GEOLOGY: Dr. Mohd Talha Anees
STS: Dr. Mohd Zufri Bin Mamat		

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<p align="center">Week 7</p> <p align="center">26 April 2024 (Friday)</p> <p align="center">3.00pm – 5.00 pm</p>	<p><u>Non Face to face</u></p> <p>Literature Review</p> <p>Activity:</p> <ul style="list-style-type: none"> • Discussion with supervisor, Complete survey (Form) • Non face to face session 	<p align="center">■</p>
<p align="center">Week 8</p> <p align="center">3 May 2024 (Friday)</p> <p align="center">3.00pm. – 5.00pm</p>	<p>How to Write a Proposal</p> <p>Activity:</p> <ul style="list-style-type: none"> • Online Lecture & Q&A 	<p>ISB: Dr. Farahaniza Binti Supandi</p> <hr/> <p>ISM: Associate Professor Dr. Chooi Wai Leong</p> <hr/> <p>CHEMISTRY: Dr Azman Maamor</p> <hr/> <p>PHYSICS: Associate Professor Dr Vengadesh Periasamy</p> <hr/> <p>GEOLOGY: Dr. Elanni Binti Md Affandi</p> <hr/> <p>STS: Dr. Maisarah Binti Hasbullah</p>
<p align="center">Week 9</p> <p align="center">10 May 2024 (Friday)</p> <p align="center">3.00 pm – 5.00pm</p>	<p><u>Non Face to face</u></p> <p>How to Write a Proposal</p> <p>Activity:</p> <ul style="list-style-type: none"> • Discussion with supervisor, Complete survey (Form) • Non face to face session 	<p align="center">■</p>
<p align="center">Week 10</p> <p align="center">17 May 2024 (Friday)</p> <p align="center">3.00 pm – 5.00 pm</p>	<p>Statistics</p> <p>Activity:</p> <ul style="list-style-type: none"> • Online Lecture & Q&A 	<p>Associate Professor Dr. Adriana Irawati Nur binti Ibrahim</p>

Week / Date	Lecture Topic	Lecturer / Assessor*
<p style="text-align: center;">Week 11 24 May 2024 (Friday) 3.00 pm – 5.00 pm</p>	<p>METHODS 1</p> <p>Instrumentation & Measurement (exp) / qualitative & quantitative research method (non- exp)</p> <p>Activity:</p> <ul style="list-style-type: none"> ● Online Lecture & Q&A 	ISB: Dr. Ahmad Faris Mohd Adnan
		ISM: Dr. Mohd Zahurin Mohamed Kamali
		CHEMISTRY: Associate Prof. Dr. Norazilawati Muhamad Sarih
		PHYSICS: Associate Professor Dr. Siti Fairus Binti Abdul Sani
		GEOLOGY: Dr. Lin Chin Yik
		STS: Dr. Nurulaini Binti Abu Shamsi
<p style="text-align: center;">Week 12 31 May 2024 (Friday) 3.00 pm – 5.00 pm</p>	<p>METHODS 2</p> <p>Instrumentation & Measurement (exp) / qualitative & quantitative research method (non- exp)</p> <p>Activity:</p> <ul style="list-style-type: none"> ● Online Lecture & Q&A ● Submission of video presentation by candidate 	ISB: Dr. Ahmad Faris Mohd Adnan
		ISM: Dr. Shaiful Anuar Abu Bakar
		CHEMISTRY: Dr. Noordini Mohamad Salleh
		PHYSICS: Associate Professor Dr Goh Boon Tong
		GEOLOGY: Dr. Hijaz Kamal Bin Hasnan
		STS: Dr. Hashem Salarzadeh Jenatabadi

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<p align="center">Week 13</p> <p align="center">7 June 2024 (Friday)</p> <p align="center">3.00 pm – 5.00 pm</p>	<p><u>Activity:</u></p> <p>1. Face to face (Hybrid)</p> <ul style="list-style-type: none"> - i - Cube - Proposal Defence Summary and Preparation 	<p>Professor Dr. Siti Rohana binti Majid</p>
	<p><u>Non Face to face</u></p> <p>2. Assessment by Assessors to candidates video presentation</p> <p>Submission link https://forms.gle/muTkgENTuqxdfJ1d6</p>	<p>ISB: Dr. Farahaniza Binti Supandi</p>
	<p>ISM: Dr. Mohd Azmi Haron Dr. Tan Ta Sheng</p>	
	<p>CHEMISTRY: Dr. Muhammad Kumayl</p>	
	<p>PHYSICS: Prof. Ramesh T. Subramaniam, AP Dr Goh Boon Tong</p>	
	<p>GEOLOGY: Dr. Muhammad Hatta Bin Roselee</p> <p>STS: Dr. Mohd Istajib Bin Mokhtar</p>	
<p align="center">Week 14</p> <p align="center">14 June 2024 (Friday)</p> <p align="center">3.00 pm – 5.00 pm</p>	<p><u>Non Face to face</u></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 https://forms.gle/xGugbRRtAcQW5jz5A</p>	<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</p>
		<p>ISM: Associate Professor Dr. Chooi Wai Leong Dr. Mohd Zahurin Mohamed Kamali Dr. Shaiful Anuar Abu Bakar</p>
		<p>CHEMISTRY: Associate Professor Dr. Low Yun Yee</p>
		<p>PHYSICS: Associate Professor Dr Vengadesh Periasamy, Associate Professor Dr Siti Fairus Abdul Sani</p>
		<p>GEOLOGY: Dr. Noer El Hidayah Binti Ismail</p>
		<p>STS: Dr. Mohd Istajib Bin Mokhtar</p>

CLASS PLATFORMS LINK (Microsoft Teams)

CLASS FOR WEEK 1,2,3,10 AND 13



Research Methodology

<https://teams.microsoft.com/l/team/19%3Ar8V45lsRNpzOy5NGrLUC3ZOUTxjBsqVQ2ldwzlyUD2Y1%40thread.tacv2/conversations?groupId=98246982-9b99-4b44-997d-235b0018cc68&tenantId=a63bb1a9-48c2-448b-8693-3317b00ca7fb>

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

INSTITUTE BIOLOGICAL SCIENCE:

<https://teams.microsoft.com/l/team/19%3A8X42kMN0v8smMIYWas6h3KEVkJaEmZ-4fMZ50ngmkk1%40thread.tacv2/conversations?groupId=a3092d87-3923-4915-9c79-669ccb5b3e8d&tenantId=a63bb1a9-48c2-448b-8693-3317b00ca7fb>

INSTITUTE MATHEMATICAL SCIENCE:

https://teams.microsoft.com/l/team/19%3AjmDj9opQa7QtB9dTnLS9gkuUN7RSGf_LzSRTGbQtQf41%40thread.tacv2/conversations?groupId=d41e337f-a0dc-48be-a7b8-eb68c10c396c&tenantId=a63bb1a9-48c2-448b-8693-3317b00ca7fb

DEPARTMENT OF CHEMISTRY:

<https://teams.microsoft.com/l/team/19%3A9OriJ3GXiwCn1FZKmpDeYtiUVnGNSND2Uj659Ags38w1%40thread.tacv2/conversations?groupId=df305658-64cf-4065-a228-e76175b95b4d&tenantId=a63bb1a9-48c2-448b-8693-3317b00ca7fb>

DEPARTMENT OF PHYSICS:

<https://teams.microsoft.com/l/team/19%3A9t2fnx0kVkWZY9x2mf67M8VguzmZPH-tMHhebn0sxP41%40thread.tacv2/conversations?groupId=9103947c-4e6d-4cd1-80bd-e4f15f91b251&tenantId=a63bb1a9-48c2-448b-8693-3317b00ca7fb>

DEPARTMENT OF GEOLOGY:

https://teams.microsoft.com/l/team/19%3AeygnxSAxVhgev5XgoN_8p75iau2F9UfItC8UMxGWbV81%40thread.tacv2/conversations?groupId=369ce1cd-f304-437a-8a16-5b5c692431e6&tenantId=a63bb1a9-48c2-448b-8693-3317b00ca7fb

DEPARTMENT OF SCIENCE AND TECHNOLOGY STUDIES:

https://teams.microsoft.com/l/team/19%3A2ecQ9Lokov_nT0fgyB89NI0SxA2WWYJ7ZSLCsB90vwQ1%40thread.tacv2/conversations?groupId=10f69c78-86d6-4446-9a0c-a7102b3f30b3&tenantId=a63bb1a9-48c2-448b-8693-3317b00ca7fb



Biological



Mathematical



Chemistry



Physics



STS



Geology