



**Name** : ChM. Anthony Nyangson Steven@Mohd Daniel  
(Licensed Professional Chemist)

**Date of Birth** : 04 January 1975

**Nationality** : Malaysian

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#### **ACADEMIC QUALIFICATION**

2003 : M.Eng (Env. Engineering), Air Pollution Control System.  
Universiti Teknologi Malaysia

1998 : B.Sc. (Applied Chemistry)  
Universiti Teknologi Mara

1996 : Dip. Applied Science (Microbiology)  
Universiti Teknologi Mara

#### **AWARDS AND HONORS RECEIVED**

1. 2021 Faculty's Excellent Service Award, 2021
- 2021 Dean's Special Service Award and Promotion.
- 2018 TEAM MEMBER, GOLD AWARD in NALI 2019 EXHIBITION & COMPETITION,
2. 2017 National Gold Award for "Anugerah Keselamatan dan Kepekerjaan  
Kebangsaan 2017, (National OSH Award) Team UTM"
3. 2015 Johor State Innovation Award for UTM Innovation Team Project.  
Trophy and RM10,000 in cash.
4. 2016 Special Faculty Award for OSHE (OSH Coordinator)
5. 1997 Scholarship PSD for BSc Applied Chemistry
6. 2001 Scholarship Tunku Abdul Rahman Yayasan Sarawak for Masters Degree

## PROFESSIONAL EXPERIENCE

1. 2013 Invited Speaker, Safety and Health, Post Graduate, Chemistry, Faculty of Science, Session I, 2013/2014  
How to Get Yourself Employed Facilitator and Trainer 2013 – Faculty of Science
2. 2013 Invited Speaker, Safety and Health, Undergraduate, Chemistry, Faculty of Science, Session I, 2013/2014
3. 2013 Auditor for Innovative Teams, support staff, UTM
4. 2014 Invited Speaker, Safety and Health, Post Graduate, Chemistry, Faculty of Science, Session I, 2014/2015  
How to Get Yourself Employed Facilitator and Trainer 2014 – Faculty of Science
5. 2014 Invited Speaker, Safety and Health, Post Graduate, Chemistry, Faculty of Science, Session II, 2013/2014
6. 2014 Invited Speaker, Safety and Health, Undergraduate, Chemistry, Faculty of Science, Session I, 2014/2015
7. 2014 Invited Speaker, Safety and Health, Undergraduate, Chemistry, Faculty of Science, Session II, 2013/2014
8. 2014 UTM UPMU - Technical Task Force Laboratory Set Up
9. 2014 Task force for Procurement Project for Central Laboratory, UTM
10. 2014 Evaluator for Tender - UTM-UPMU-Brusary - CE-MS/MS
12. 2014 Presenter for Budget Allocation - UTM-UPMU-Team to Ministry of Higher Education - PIC for LC-QQQ Tender - SUCCEED,
13. 2014 Project Supervisor for Bridging Program - Ms. Nurul Adha bt Saini
14. 2014 Project Supervisor for Bridging Program - Ms. Siti Rafezah bt. Mat Emrin
15. 2015 Invited Speaker, Safety and Health, Post Graduate, Faculty of Science, Session I, 2015/2016  
How to Get Yourself Employed Facilitator and Trainer 2015 – Faculty of Science
16. 2015 Invited Speaker, Safety and Health, Post Graduate, Chemistry, Faculty of Science, Session II, 2014/2015  
How to Get Yourself Employed Facilitator and Trainer 2015 for Faculty of bioengineering and Biosciences
17. 2015 Invited Speaker, Safety and Health, Undergraduate, Chemistry, Faculty of Science, Session I, 2015/2016
18. 2015 Invited Speaker, Safety and Health, Undergraduate, Chemistry, Faculty of Science, Session II, 2014/2015
19. 2015 TASK FORCE - ROYAL SOCIETY OF CHEMISTRY Accreditation - UK for Chemistry
20. 2016 Invited Speaker, Safety and Health, Post Graduate, Faculty of Science, Session I, 2016/2017  
How to Get Yourself Employed Facilitator and Trainer 2016 – Faculty of Science
21. 2016 Invited Speaker, Safety and Health, Post Graduate, Faculty of Science,

- Session II, 2015/2016
22. 2016 Invited Speaker, Safety and Health, Undergraduate, Chemistry, Faculty of Science, Session I, 2016/2017
  23. 2016 Invited Speaker, Safety and Health, Undergraduate, Chemistry, Faculty of Science, Session II, 2015/2016
  24. 2016-2017 Task force Member -Accreditation process ISO 17025:2005 Analytical Service Laboratory, Faculty of Science
  25. 2016 Safety Auditor for Citra Karisma OSHE Award 2016
  26. 2016 University Occupational, Safety, Health and Environment Auditor
  27. 2016 Task force Member - Compliance Programme for Factory and Machinery Act, 1967 and OSHA ACct 1994, UTM
  28. 2016 Deputy Technical Manager, Pusat Perkhidmatan Analisis, Faculty of Science Get Yourself Employed to 30 students, Invited (FOC) Facilitator for Japanese Language Club-KTF, UTM.
  29. 2017 Invited Speaker, Safety and Health, Post Graduate, Faculty of Science, Session I, 2017/2018
  30. 2017 Invited Speaker, Safety and Health, Post Graduate, Faculty of Science, Session II, 2016/2017
  31. 2017 Invited Speaker, Safety and Health, Undergraduate, Chemistry, Faculty of Science, Session I, 2017/2018
  32. 2017 Invited Speaker, Safety and Health, Undergraduate, Chemistry, Faculty of Science, Session II, 2016/2017
  33. 2017 Chairperson and Facilitator for Innovation Team, Support Staff, Faculty of Science
  34. 2017 Safety Auditor for Citra Karisma OSHE Award 2017
  35. 2017 Task force Member - Compliance Programme - Factory and Machinery Act 1967, UTM
  36. 2017 Task force Member - Compliance Programme - Environmental Quality Act 1974 - UTM
  37. 2017-2018 Internal Auditor- Academic Quality for Faculty of Science
  38. 2018 Invited Speaker, Safety and Health, Post Graduate, Faculty of Science, Session I, 2018/2019
  39. 2018 Invited Speaker, Safety and Health, Post Graduate, Faculty of Science, Session II, 2017/2018
  40. 2018 Invited Speaker, Safety and Health, Undergraduate, Chemistry, Faculty of Science, Session I, 2018/2019
  41. 2018 Invited Speaker, Safety and Health, Undergraduate, Chemistry, Faculty of Science, Session II, 2017/2018
  42. 2018 Safety Auditor for Citra Karisma OSHE Award 2018
  43. 2018 Taskforce Member for STEM Education 2018 UTM-Johor Education Office, Johor
  44. 2018 Speaker - ERGONOMICS, Ergonomics Risk Assessment, (ERA 2017) for Staff, Faculty of Science
  45. 2019 Invited Speaker, Safety and Health, Post Graduate, Faculty of Science, Session I, 2019/2020
  46. 2019 Invited Speaker, Safety and Health, Post Graduate, Faculty of Science, Session II, 2018/2019

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| 47. | 2019 | Invited Speaker, Safety and Health, Undergraduate, Chemistry, Faculty of Science, Session I, 2019/2020                               |
| 48. | 2019 | Invited Speaker, Safety and Health, Undergraduate, Chemistry, Faculty of Science, Session II, 2018/2019                              |
| 49. | 2019 | Taskforce for Faculty Safety Guideline Book  |
| 50. | 2019 | Deputy Technical Manager, ISO 17025:2017 Analytical Services Laboratory, Faculty of Science.   |
| 51. | 2019 | Task force Member -Migration Accreditation process ISO 17025:2005 to ISO17025:2017 Analytical Service Laboratory, Faculty of Science |
| 52. | 2020 | Task force for Industrial Internship   |
| 53. | 2020 | Taskforce, UTM, ISO 45001 Health and Safety, UTM   |
| 54. | 2020 | <b>Technical Manager, ISO 17025:2017 Analytical Services Laboratory, Faculty of Science.</b>   |
| 55. | 2021 |  |
| 56. | 2022 | <b>Chair, Laboratory and Instrumentation Committee.</b>  |

#### **JOURNAL EDITOR/EDITORIAL/ADVISORY PANEL**

1. **Editorial Board Member**, e-proceedings, PSM 2017-2018.

#### **ADMINISTRATIVE EXPERIENCE**

##### **Faculty Level**

	<b>Date</b>	<b>Positions/Employer</b>
1.	2012-2014	Department of Chemistry OSHE Chairperson
2.	2014 - 2016	Committee Member, Final Year Project Committee (JK PSM), Department of Chemistry, Faculty of Science
3.	2014-2016	Department of Chemistry OSHE Chairperson
4.	2014-2019	Auditor and Inspector, OSHE Faculty of Science
5.	2015 - 2017	Committee Member, Student Development Committee (Jawatankuasa Pembangunan Pelajar), Department of Chemistry, Faculty of Science
6.	2015 - 2017	Committee Member, Information Technology Committee, Department of Chemistry, Faculty of Science
7.	2015 - 2018	Committee Member, Task force for Lab Accreditation (ISO17025 : 2005, Faculty of Science
8.	2015 - Present	Students' Academic Advisor, 2015/2016 Intake, Faculty of Science
9.	2016-2017	Faculty OSHE Coordinator
10.	2017	Technical Committee Member, Task Force Malaysia Separation Science Conference 2017 (MySSC2017)
12.	2017 - 2019	Leader for K3P, HAZMAT, 2017
13.	2017-2018	Faculty OSHE Secretary / OSHE / SHO Duty Bearer
14.	2018	Committee Member, Task force for Lab Accreditation (ISO17025 : 2017, New Series, Faculty of Science

15. 2018 - 2020 Committee Member, Student Development Committee (Jawatankuasa Pembangunan Pelajar), Department of Chemistry, Faculty of Science
16. 2018-2020 Facilitator / Adviser KIK Team Faculty Science
17. 2020-2021 Faculty OSH Advisor and University OSH Auditor for ISO 45001

### **University Level**

<b>Date</b>	<b>Positions/Employer</b>
1. 2015	Committee Member, University's Technical Committee for Instrument Purchase LC-QQQ, Tender, UTM
2. 2015	Committee Member, University's Technical Committee for Instrument Purchase CE-MS, Tender, UTM
3. 2016-present	University Auditor for OSHE 2018
4. 2012 - 2014	Manager in Chemical Management Center, University's Lab Management Unit (UPMU), UTM
5.	
6. 2018	JK INDUK OSHE UTM
7. 2017	University Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE Session II 2017/2018
8. 2018	University Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE Session I 2018/2019
9. 2018	University Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE Session II 2018/2019
10. 2019	University Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE Session I 2019/2020
12. 2019-present	Task force member / Co-Writter for University Safety Guideline Book 2019
13. 2019-present	Special Investigation Committee of Safety - Building Safety Case for the 'INSTITUTE FOR SCIENTIFIC AND INDUSTRIAL RESEARCH' (ISI-SIR)
14. 2019-present	Member - Special Task Force UTM-Department of Occupational Safety and Health (JKKP-Johor) 2019

## NATIONAL APPOINTMENT/COMMITTEE

	<b>Date</b>	<b>Positions/Committee</b>
1.	2009-2010	SIRIM Technical Committee Member for Paint and Varnishes- Determination of pigment content - Part A23-Filteration Method
2.	2009-2010	SIRIM Technical Committee Member for Paint and Varnishes- Determination of Density - Part A17-Pressure Cup Method
3.	2009-2010	SIRIM Technical Committee Member for Paint and Varnishes- Determination of Density - Part A15 - Immersed Body (Plummet) Method
4.	2009-2010	SIRIM Technical Committee Member for Paint and Varnishes- Determination of pigment content - Part A22-Ashing Method
5.	2009-2010	SIRIM Technical Committee Member for Paint and Varnishes- Determination of pigment content - Part A21-Centrifuge Method
6.	2009-2010	SIRIM Technical Committee Member for Paint and Varnishes- Determination of Volatile Organic Compound (VOC) - Part A19-Diffrence Method
7.	2009-2012	SIRIM Technical Committee Member for Paint and Varnishes- Determination of the pot life of multicomponent coating system - Part A18 Preparation and conditioning of samples and guideline for testing
8.	2009-2012	SIRIM Technical Committee Member for Paint and Varnishes- Determination of density - Part A16 - Oscillation Method
9.	2009	Program Auditor, Malaysian Qualification Agency - Auditor Melaka- Manipal Medical College - Cambridge GCE Advance Level
10.	2011	Program Auditor, Malaysian Qualification Agency - Taylor's College - Canadian Pre University Programme (MQA-02)
12.	2012	Evaluator, MQA - Foundation Science, MQA / PA 0668
13.	2015	Johor Chemistry Carnival with Institute of Chemistry, Johor and IPG Batu Pahat, Johor
14.	2015	Committee Member (Kitchen Chemistry) of Karnival Kimia Johor (K2J) in conjunction with IPB Batu Pahat Johor organized by UTM, IKM Johor and Jabatan Kimia Malaysia
15.	2017	Member, UTM - Malaysian Pepper Board.
16.	2017	Technical Committee, Malaysian Separation Science Conference 23 -25 October 2017

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| 17. | 2017-2018 | UTM Team Member for SoHelp Programme, by the Department of Occupational Safety and Health (DOSH) Johor. |
| 18. | 2018      | Technical Committee Member, Chemistry to Johor, for Science, 2018                                       |
| 19. | 2019      | Technical Committee Member, Chemistry to Johor, for Science 2019  |
| 20. | 2018      | OSHE TALK FOR SCIENCE TEACHERS JOHOR07/08/2018  |

### **INTERNATIONAL APPOINTMENT/COMMITTEE**

	<b>Date</b>	<b>Positions/Employer</b>
1.	2014	Committee Member (Technical) - International Symposium of Analytical Sciences (SKAM27) 2014
2.	2015	Committee Member (Technical), International Conference on Natural Products 2015 (ICNP 2015), organized by Faculty of Science UTM and Malaysia Natural Product Society, DoubleTree by Hilton, Johor Bahru, 24-25 March 2015
3.	2015	JUDGE - INTERNATIONAL BIOTECHNOLOGY COMPETITION AND EXHIBITION 2015
4.	2016	3rd International Conference on Advanced Technology & Sciences (ICAT 2016)
5.	2018	Sponsorship Committee Member - ASIAN FEDERATION OF BIOTECHNOLOGY
6.	2019	Technical Committee Member, International 7th International Conference and Workshop on Basic and Applied Sciences (ICOWOBAS 2019)

### **STUDENT DEVELOPMENT ACTIVITIES**

	<b>Date</b>	<b>Positions/Activities</b>
1.	2011	Trainer / Facilitator for UTM Degree ++ : How to Get Yourself Employed, 29-30 October 2011
2.	2011	Trainer / Facilitator for UTM Degree ++ : How to Get Yourself Employed, 15-16 October 2011
3.	2012	UTM-YES Programme Panel for 2012

4. 2013 Trainer / Facilitator for UTM Degree ++ : How to Get Yourself Employed, 17 November 2013
5. 2013 Facilitator, Survival Alchemy, Student Development Roadmap, Faculty of Science
6. 2013 Faculty Internship Supervisor
7. 2014 Seminar on Alternative Career fro 4<sup>th</sup> year students
8. 2014 Committee member ROADMAP for SSCA SSCC
9. 2014 HOW TO GET YOURSELF EMPLOYED - Interviewer
10. 2014 Faculty Internship Supervisor
12. 2014 Committee member (Student development and employability and allumini
13. 2014 Task force member for FIRST YEAR EXPERIENCE
14. 2015 Committee Member, Survival Alchemy, Student Development Roadmap, Faculty of Science
15. 2015 Committee Member for Employability, Internship, and Networking
16. 2015 Interviewer for UTM Degree ++ : How to Get Yourself Employed, 12/12/2015
17. 2015 Trainer / Facilitator for UTM Degree ++ : How to Get Yourself Employed, 12/12/2015
18. 2015 Faculty Internship Supervisor, 2015
19. 2015 Trainer, Survival Camp Gunung Datuk Forest Reserve, 07/03/2015
20. 2015 Committee member, Student Development
21. 2015 Committee member Career Festival, Faculty of Science, 2015
22. 2015 Chairperson and Trainer/ Facilitator RIGHT TALENT RIGHT JOB organized by Japanese Language Society, UTM
23. 2015 JUDGE (International student competition) - INTERNATIONAL BIOTECHNOLOGY COMPETITION AND EXHIBITION 2015 31/12/2015
24. 2016 Committee Member for Student Development Programme, 2016
25. 2016 Trainer / Facilitator SPEAKER How to Get Yourself Employed for Faculty of Biosciences and Medical Engineering (FBME)17/04/2016
26. 2016 Adviser, Sarawak Student Society, UTM
27. 2016 Trainer / Facilitator for UTM Degree ++ : How to Get Yourself Employed, 29-November 2016
28. 2016 Faculty Internship Supervisor, 2016
29. 2016 Trainer / Facilitator for Professional Certificate for OSHE UTM, SPACE. 31/12/2016
30. 2016 Academic Adviser, 2<sup>nd</sup> Year Students SSCA SSCC
31. 2017 Adviser, Sarawak Student Society, UTM , 2017
32. 2017 Trainer / Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE 31/12/2017
33. 2017 Faculty Internship Supervisor, 2017
34. 2017 Committee Member for Student Development Programme, 2017



35. 2017 Trainer / Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE 16/12/2017
36. 2017 Trainer / Facilitator for UTM Degree ++ : How to Get Yourself Employed 11/11/2017
37. 2018 Trainer/ Facilitator for UTM Degree ++ : How to Get Yourself Employed, 14 December 2018
38. 2018 Trainer / Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE 24/03/2018
39. 2018 Committee Member for Student Development Programme, 2018-2020
40. 2018 Trainer / Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE 24/02/2018
41. 2018 Trainer / Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE 08/03/2018
42. 2018 Trainer / Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE 24/03/2018
43. 2018 Trainer / Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE 24/02/2018
44. 2018 Trainer / Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE 24/01/2018
45. 2019 Trainer / Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE 19/04/2019
46. 2019 Trainer / Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE 24/02/2019
47. 2019 Trainer / Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE 30/03/2019
48. 2019 Trainer / Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE 15/03/2019
49. 2019 Trainer / Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE 04/02/2019
50. 2019 Trainer / Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE 24/02/2019
51. 2019 Trainer / Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE 03/03/2019
52. 2019 Judge for Poster and Oral Presentation for Applied Science and Technology Undergraduate Symposium, (ASTUS) 2019, School of Computing, 28 April 2019.
53. 2019 Trainer / Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE 21/09/2019
54. 2019 Trainer / Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE 27/09/2019
55. 2019 Trainer / Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE 12/10/2019
56. 2021 Trainer / Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE 2022 Series
57. 2022 Trainer / Facilitator for Professional Skill Certificate for Occupational Safety, Health and Environment (OSHE) UTM, SPACE 2021 series

## **SYMPOSIUM / MEETINGS / WORKSHOP**

<b>Date</b>	<b>Positions/Activities</b>
1. 2011	Participants, Preparation of Materials for Open Courseware Workshop, organized by Center for Teaching And Learning (CTL), Mahkota Hotel, Melaka, 2-4 December 2011.
2. 2018	Participant, Perkin Elmer Instrumentation Enhanced Analytical SkillSets & Laboratory Productivity, 14-16 November 2018

## **PROFESSIONAL MEMBERSHIP AND RECOGNITION**

1. Licence Chemist – Institut Kimia Malaysia under Chemist Act 1975
2. Member, Institut Kimia Malaysia (IKM), Membership No.: M/3062/5877/10 (2010-Present)
3. Member - Malaysian Biosafety and Biosecurity Association (Membership number A188)
4. Lifetime Member – ANALIS – Malaysian Analytical Science (A262)
5. Member-International Association of Engineers (IAENG) - 291412

## **TEACHING EXPERIENCES**

### **UNDERGRADUATE COURSES TAUGHT**

<b>No</b>	<b>Code</b>	<b>Course Name</b>	<b>Session</b>	<b>Number of Students</b>	<b>Credit</b>
.					
1	SSK4233	KIMIA ALAM SEKITAR	200520061	87	3.0
2	SSC1293	KIMIA ANALISIS	200520062	81	3.0
3	SSC1293	KIMIA ANALISIS	200620071	39	3.0

4	SSC1891	AMALI KIMIA ANALISIS	200620072	26	1.0
5	SSC1891	AMALI KIMIA ANALISIS	200620072	55	1.0
6	SSC1891	AMALI KIMIA ANALISIS	200620072	25	2.0
7	SSC1293	KIMIA ANALISIS	200620072	26	3.0
8	SSC1891	AMALI KIMIA ANALISIS	200720081	42	1.0
9	SSC1891	AMALI KIMIA ANALISIS	200720081	57	1.0
10	SSC2871	AMALI KIMIA ANALISIS II	200720082	4	1.0
11	SSC2871	AMALI KIMIA ANALISIS II	200720082	57	1.0
12	SSC2871	AMALI KIMIA ANALISIS II	200720082	66	1.0
13	SSC2871	AMALI KIMIA ANALISIS II	200720082	60	1.0
14	SSC1293	KIMIA ANALISIS	201220131	24	3.0
15	SSCC2861	AMALI KIMIA ANALISIS I	201220132	35	1.0
16	SSCC2243	PRINSIP KIMIA ANALISIS	201220132	66	3.0
17	SSCC2861	AMALI KIMIA ANALISIS I	201220132	30	1.0
18	SSCC2861	AMALI KIMIA ANALISIS I	201220132	32	1.0
19	SSCC2861	AMALI KIMIA ANALISIS I	201220132	35	1.0
20	SSCC2861	AMALI KIMIA ANALISIS I	201220132	34	1.0
21	SSCC2861	AMALI KIMIA ANALISIS I	201220132	35	1.0
22	SSCC2243	PRINSIP KIMIA ANALISIS	201220132	66	3.0
23	SSCK1891	AMALI KIMIA ANALISIS	201320141	30	1.0
24	SSC2223	KIMIA DAN ALAM SEKITAR	201320141	18	3.0
25	SSCK1891	AMALI KIMIA ANALISIS	201320141	30	1.0
26	SSCK1203	KIMIA ANALISIS KEJURUTERAAN	201320142	40	3.0
27	SSC1293	KIMIA ANALISIS	201320142	1	3.0
28	SSCK1203	KIMIA ANALISIS KEJURUTERAAN	201320142	46	3.0
28	SSCC2861	AMALI KIMIA ANALISIS I	201320142	27	1.0
30	SSC1293	KIMIA ANALISIS	201320142	4	3.0
31	SSCC2861	AMALI KIMIA ANALISIS I	201320142	28	1.0
32	SSCK1891	AMALI KIMIA ANALISIS	201320142	27	1.0
33	SSCK1891	AMALI KIMIA ANALISIS	201320142	31	1.0
34	SSCK1203	KIMIA ANALISIS KEJURUTERAAN	201320142	40	3.0
35	SSCK1203	KIMIA ANALISIS KEJURUTERAAN	201320142	46	3.0
36	SSCC2312	PENGURUSAN DAN KESELAMATAN MAKMAL	201420151	33	2.0
37	SSCC2312	PENGURUSAN DAN KESELAMATAN MAKMAL	201420151	30	2.0
38	SSCK1203	KIMIA ANALISIS KEJURUTERAAN	201420152	60	3.0
39	SSCK1891	AMALI KIMIA ANALISIS	201420152	34	1.0
40	SSCK1891	AMALI KIMIA ANALISIS	201420152	26	1.0
41	SSCK1891	AMALI KIMIA ANALISIS	201420152	15	1.0
42	SSCK1891	AMALI KIMIA ANALISIS	201420152	30	1.0
43	SSCK1891	AMALI KIMIA ANALISIS	201420152	18	1.0
44	SSCK1891	AMALI KIMIA ANALISIS	201420152	16	1.0
45	SSCK1891	AMALI KIMIA ANALISIS	201420152	43	1.0
46	SSCK1891	AMALI KIMIA ANALISIS	201420152	46	1.0
47	SSK3223	KIMIA ANALISIS 2	201520161	1	3.0
48	SSCU4902	PSM	201520161	1	2.0
49	SSCU3905	LATIHAN INDUSTRI	201520161	4	5.0

50	SSCC2312	PENGURUSAN DAN KESELAMATAN MAKMAL	201520161	39	2.0
51	SSCC2312	PENGURUSAN DAN KESELAMATAN MAKMAL	201520161	42	2.0
52	SSC4253	ANALISIS MAKANAN	201520162	1	3.0
53	SSCK1203	KIMIA ANALISIS KEJURUTERAAN	201520162	53	3.0
54	SSCC4253	ANALISIS MAKANAN	201520162	43	3.0
55	SSCC2312	PENGURUSAN DAN KESELAMATAN MAKMAL	201620171	26	2.0
56	SSCC2312	PENGURUSAN DAN KESELAMATAN MAKMAL	201620171	42	2.0
57	SSCK1891	AMALI KIMIA ANALISIS	201620172	31	1.0
58	SSCK1891	AMALI KIMIA ANALISIS	201620172	30	1.0
59	SSCK1891	AMALI KIMIA ANALISIS	201620172	29	1.0
60	SSCK1891	AMALI KIMIA ANALISIS	201620172	30	1.0
61	SSCK1203	KIMIA ANALISIS KEJURUTERAAN	201620172	59	3.0
62	SSCC4253	ANALISIS MAKANAN	201620172	17	3.0
63	SSCC2861	AMALI KIMIA ANALISIS I	201620172	26	1.0
64	SSCC2861	AMALI KIMIA ANALISIS I	201620172	39	1.0
65	SSCC3871	AMALI KIMIA ANALISIS II	201720181	25	1.0
66	SSCC3871	AMALI KIMIA ANALISIS II	201720181	38	1.0
67	SSCC2312	PENGURUSAN DAN KESELAMATAN MAKMAL	201720181	41	2.0
67	SSCC2312	PENGURUSAN DAN KESELAMATAN MAKMAL	201720181	51	2.0
68	SSCC1312	KESELAMATAN & KESIHATAN PEKERJAAN MAKMAL	201720181	39	1.0
69	FSPC0042	MAKMAL KIMIA ASASI	201720182	30	1.0
79	SSCU 4904	PROJEK SARJANA MUDA 2	201720182	1	4.0
71	SSCU 4902	PROJEK SARJANA MUDA 1	201720182	4	2.0
72	SSCU4904	PSM2	201720182	2	4.0
73	SSCU 4904	PROJEK SARJANA MUDA 2	201720182	2	4.0
74	SSCU 4902	PROJEK SARJANA MUDA 1	201720182	2	2.0
75	SSCC4253	FOOD ANALYSIS SSCC4253	201720182	11	3.0
76	SSCC4253	ANALISIS MAKANAN	201720182	36	3.0
77	SSCC1293	KIMIA ANALISIS	201720182	1	3.0
78	SSCK1203	KIMIA ANALISIS KEJURUTERAAN	201720182	64	3.0
79	SSCK1203	KIMIA ANALISIS KEJURUTERAAN	201720182	56	3.0
80	SSCU 4902	PROJEK SARJANA MUDA 1	201820191	2	2.0
81	SSCU 4904	PROJEK SARJANA MUDA 2	201820191	4	4.0
82	SSCC1312	KESELAMATAN & KESIHATAN PEKERJAAN MAKMAL	201820191	10	2.0
83	SSCC1312	KESELAMATAN & KESIHATAN PEKERJAAN MAKMAL	201820191	62	2.0
84	SSCC2312	PENGURUSAN DAN KESELAMATAN MAKMAL	201820191	39	2.0
85	SSCC2312	PENGURUSAN DAN KESELAMATAN MAKMAL	201820191	60	1.0

86	SSCC4253	ANALISIS MAKANAN	201820192	35	3.0
87	SSCK1891	PRAKTIKAL KIMIA ANALITIKAL	201820192	26	1.0
88	SSCK1891	PRAKTIKAL KIMIA ANALITIKAL	201820192	20	1.0
89	SSCK1203	KIMIA ANALISIS KEJURUTERAAN	201820192	64	3.0
90	SSCC2312	PENGURUSAN DAN KESELAMATAN MAKMAL	201920201	46	2.0
				<b>Total Credits</b>	<b>180</b>

### CONSULTANCY /INCOME GENERATION

Date	Positions/Activities	RM Generated
1. 2015	Group Activity - Internatilnal Conference on Natural Products 2015	294372.28
2. 2015	Group Consultancy Activity - Analytical Laboratory Services, Department of Chemistry, Faculty of Science	46775.00
3. 2016	Group Consultancy Activity - Analytical Laboratory Services, Department of Chemistry, Faculty of Science	76609.98
4. 2016	Group Activity - INTERNATIONAL CONFERENCE OF CATALYSIS ICAT 2016	98125.84
5. 2017	Group Activity - Malaysian Separation Science Conference 2017	72280.91
6. 2018	Group Consultancy Activity - Analytical Laboratory Services, Department of Chemistry, Faculty of Science, ISO 17025 Accredited Lab	121891.1
7. 2020-2022	Analytical Services (ISO 17025 Accredited Testing)	200,000.

### RESEARCH PROJECT UNDERTAKEN

Date	Project Leader/Project Member
1. 2009 -2010	<b>Project Member</b> , Stir Bar Sorptive Extraction Design and Coating, budget approved, RM10,000
2. 2015 - 2016	<b>Project Leader</b> , A NOVEL ANTI-CANCER DRUG FOR OVARIAN CANCER TREATMENT FROM BORNEO INDIGENOUS PLANTS - A PRELIMINARY STUDY Budget approved: RM20,000.00.
3. 2018-2019	<b>Project Member</b> , 2016 Science Innovation Challenge RM3,000.00. <b>Project Leader</b> , Profiling of Flavoniods content in selected plants from Sarawak using chemical and genetic identification. Budget approved: RM20,000.00
4. 2016	<b>Project Member</b> , Science Innovation Challange . Budget approved:

- RM3,900.00. Networking Grants
5. 2016 - 2017 **Project Member**, Application of carbon nanotubes (CNTs) technology in passive Piper nigrum agricultural system for fungal disease treatment  
Budget approved: RM20,000.00.
  6. 2016 - 2017 **Project Member**, STATISTICAL ANALYSIS OF INTERCROPPING BLACK PEPPER YIELD . Budget approved: RM20,000.00.
  7. 2018 **Project Leader**, PROFILING OF FLAVONOIDS CONTENT IN SELECTED PLANT FROM SARAWAK USING CHEMICAL AND GENETIC IDENTIFICATION  
  
**Project Member** Effect of Interactive Learning Activities on Student's Interest, Motivation and Attitude towards Chemistry Budget approved: RM5,000.00. Networking Grants  
  
**Project Member**, 2018 Effect of Interactive Learning Activities on Student's Interest, Motivation and Attitude towards Chemistry  
  
2019 Student's Attitude, Interest and Motivation towards Chemistry results from Active Learning Activities
  8. 2019 – 2021 **Project Member**, Phenotyping of antioxidant potential of indigenous thermophilic cyanobacteria strains in relation with their phenolic and flavonoid contents. Budget approved: RM30,000.00.  
  
**Project Leader**, 2020 Characterization of anti-breast cancer and anti-oxidant properties of Bayur, an indigenous herbal plant from Borneo  
Budget approved: RM20,000.00  
  
**Project Member**, 2019 CRG 36.1 : Quaternary Ammonium Incorporated Silver Doped Titania Nanoparticles for Antibacterial and Antifungal Activity Budget approved: RM60,000.00  
  
**Project Member**, 2019 STUDY ON PLANT NATURAL FLAVANONES BY A NOVEL CYANOBACTERIA CELL FACTORY Budget approved: RM20,000.00

## COPYRIGHT /PATENT

	<b>Intellectual Property No.</b>	<b>Filing Date</b>	<b>Product</b>
1.	IP/CR/2017/1045	21/10/2017	My Roadmap UTM Infographic

## THESIS

1. **Anthony Nyangson Steven**(2002), “Heavy Metal in Kuala Lumpur Municipal Solid Waste, APCS Systems”, **M.Eng Thesis, University Teknologi Malaysia.**
2. **Anthony Nyangson Steven** (1998), “Screening For Ethanol Producing Filamentous Fungi, Biofuel”, **BSc. Thesis, Universiti Teknologi Mara.**

## PUBLICATIONS

Publication Name	Year
1. <u>Bioactive Metabolites Produced By Cyanobacteria or Growth Adaptation And Their Pharmacological Propertie</u> BIOLOGY Publication In Web Of Science CO-AUTHOR	2021
2. <u>Antibacterial Properties Of Thermophilic Cyanobacteria</u> ESSENTIAL MICROBIOLOGY AND ITS APPLICATIONS IN MALAYSIA Book Chapter CORRESPONDING AUTHOR	2021
3. <u>Combinatorial Assembly Of Expression Plasmid For Cyanobacteria</u> ESSENTIAL MICROBIOLOGY AND ITS APPLICATIONS IN MALAYSIA Book Chapter CO-AUTHOR	2021
4. <u>Berita Kimia Keluaran Ogos 2019</u> BERITA KIMIA 2019 Article In Mass Media CO-AUTHOR	2019
5. <u>Development Of Compatible Expression Plasmids For Cyanobacteria</u> INTERNATIONAL CONFERENCE OF BIOSCIENCES AND MEDICAL ENGINEERING Proceedings CO-AUTHOR	2019
6. <u>Development Of Flavanone Biosynthetic Genes Library</u> INTERNATIONAL CONFERENCE ON BIOSCIENCES AND MEDICAL ENGINEERING Proceedings CO-AUTHOR	2019
7. <u>Berita Kimia Keluaran September 2019</u> BERITA KIMIA 2019	2019

Publication Name	Year
Article In Mass Media CO-AUTHOR	
8. <u>Myroadmap</u> 2019 CHEMISTRY INTERNSHIP INFOGRAPHICS Pelaporan / Penerbitan Khusus (Rancangan Malaysia, Statistik Kebangsaan) CO-AUTHOR	2019
9. <u>Berita Kimia Keluaran Oktober 2019</u> BERITA KIMIA 2019 Article In Mass Media CO-AUTHOR	2019
10. <u>Flavonoids Biosynthesis Pathway In An Indigenous Herbal Plant From Borneo Island</u> PLANT SCIENCE AND ITS APPLICATION Book Chapter CORRESPONDING AUTHOR	2018
11. <u>Berita Kimia Keluaran November 2018</u> BERITA KIMIA KELUARAN NOVEMBER 2018 Article In Mass Media CO-AUTHOR	2018
12. <u>Jkpp Jabatan Kimia</u> 2018 CHEMISTRY INTERNSHIP INFOGRAPHICS Karya Kreatif CO-AUTHOR	2018
13. <u>Jkpp Jabatan Kimia</u> 2017 CHEMISTRY INTERNSHIP INFOGRAPHIC Karya Kreatif CO-AUTHOR	2017
14. <u>Prediction Of Pollutants Using Aermოდ Dispersion Model For A 10mw Coal-Msw Incineration Power Plant Tanjung Langsat Johor</u> EPROCEEDING CHEMISTRY Journal Article Non Citation-Indexed CORRESPONDING AUTHOR	2016

## WORKING EXPERIENCES

Year	Organization
1. 1997	Pharmaceutical, GlaxoSmithKline Sdn. Bhd, Formerly Known as SmithKline Beecham Sdn Bhd as <b>Quality Assurance Trainee Analyst</b> in Quality Assurance Department (1995)
2. 1998-2002	Production Engineering- set-ups, customer claim handling, new model development and approval for main customer, Technology



- Sub-Contractor for Electronic & Technology. (1998-2002)
3. 2002 Research Assistant, Faculty of Chemical Engineering and Natural Resources Engineering, UTM Skudai, - Under Professor Ir. Dr. Mohd. Rozainee Taib. (2002)
  4. 2003 Multisquare Sdn, Bhd, – R & D Chemist – Product Development Department - Coatings for automotive, marine, wood and multipurpose paint. (2003)
  5. 2003-2005 Rikevita, (M) Sdn Bhd, a subsidiary of Riken Vitamin Co, Ltd Japan, World’s leading palm-oil based additive manufacturer - Quality Assurance Officer / QMS Systems– Product Quality Control and Assurance Laboratory, ISO9001, HACCP, ISO 14000 series, Documentation, Product Claim Handling, Import Licenses, Supporting R & D, Application Centre, Technical Department, New Business Devision and product analysis testing. (2003-2005).
  6. 2019-present Open Universiti Malaysia (OUM) Part Time Post Graduate and Undergraduate Lecturer for Safery and Health Microbiology Lecturer.