CURRICULUM VITAE

Name: Professor Dr. Ho Soon Min (Ph. D, ChM, MWRA, STRA)
Email address: soonmin.ho@newinti.edu.my

Date of birth: 24 May 1977
Commencement Date: 26 April 2010
Current Position: Professor
Job status: Permanent

ACADEMIC QUALIFICATION:

No.	Qualification	Field of Study	Awarding Institution/Country	Year
1.	B.Sc.(Hons)	Chemistry	University Putra Malaysia	1998-2001
2.	M.Sc.	Materials Chemistry	University Putra Malaysia	2001-2003
3.	Ph.D	Materials Chemistry	University Putra Malaysia	2006-2010

WORK EXPERIENCE:

No.	Name & Address of Employer	Position	Duration of Service	
			From	To
1.	INTI International University, Jln BBN 12/1, Bandar Baru Nilai, 71800 Negeri Sembilan, Malaysia	Associate Professor	April 2010	Present
2.	Laju Carbon Products Sdn Bhd		2003	2006

TEACHING EXPERIENCES:

No.	Subjects	Level of Studies					
		Post Graduate		Bachelor	Diploma	Certificate	Pre-U/ Foundation
		PhD	Master				
1.	CHM 107			✓			
2	CHM 151			✓			
3.	CHM 154			✓			
4.	CHM 2252			✓			
5.	PCH 1103			✓			
6.	CHM 153			✓			

7.	CHM 2251			✓			
8.	CHM 152			✓			
9.	CHM 211			✓			
10.	SCI 4203			✓			
11.	CHM 1203						✓
12.	CHM 1204						✓

PART I: RESEARCH AND RELATED ACTIVITIES
[A] RESEARCH PROJECTS

No.	Title of Research (Grant No)	Amount Received (RM)	Awarded by	Year/Duration	National/ International	Role (Pl/Co-Investigator)
1	Preparation and characterization of novel nickel lead sulfide thin films using chemical bath deposiiton method	2000	INTI IU Research Grant (Seed) for 2012: INT-FHLS-03-01-2012	1 YEAR (JUNE 2012 TO MAY 2013)	NATIONAL	PI
2	Surface morphology investigation of Ni_3Pb2S_2 thin films by scanning electron microscopy	2200	INTI IU Research Grant 2014(2): INT-FOSTEM-05-02-2014	1 YEAR (1 AUGUST 2014 TO 30 SEPTEMBER 2015)	NATIONAL	PI
3	Evaluating the Power Conversion values of $Ni_3Pb_2S_2$ Thin Film Solar Cells	10000	INTI IU INTI Research Grant 2015(2): INT-FOSTEM-01-02-2015	1 YEAR (20 NOV 2015 to 19 NOV 2016)	NATIONAL	PI
4	Evaluating the Power Conversion values of $Ni_3Pb_2S_2$ Thin Film Solar Cells	5000	INTI IU Research Open Grant 2016 : INTI-FITMS-03-05-2016	1 YEAR (30 July 2016 to 31 July 2017)	NATIONAL	PI
5	Cobalt selenide thin films prepared by SILAR method	20000	INTI-CAE-01-01-2018	1 YEAR (30 June 2018 to 30 June	National	PI

				2019)		
6	Raman and XPS studies of chemical bath deposited nickel sulphide thin films	20000	INTI IU Research Seeding Grant 2022: INTI-FHLS-12-02-2022	15 August 2022 to 15 August 2023	National	PI
7	Investigating the influence of manganese oxide in enhancing electro chemical performance of nanostructured cobalt oxide pseudo capacitor electrode	20000	INTI IU Research Seeding Grant	Nov 2021 to Nov 2022	National	Co-investigator

[B] PUBLICATIONS

1.	K. Anuar, W.T. Tan, M.S. Atan, K. Dzulkefly, S.M Ho, H. M. Jelas, N. Saravanan. (2007) Cyclic voltammetry study of copper tin sulfide compounds. *Pacific Journal of Science and Technology.* 8(2): 252-260.
2.	K. Anuar, S.M. Ho, W.T. Tan, S. Atan, Z. Kuang, M.J. Haron, N. Saravanan (2008) Effects of Bath Temperature on the Electrodeposition of Cu_4SnS_4 Thin Films, *Journal of Applied Sciences Research*, 4(12): 1701-1707.
3.	K. Anuar, S.M. Ho, W.T. Tan, M.S. Atan, D. Kuang, H.M. Jelas, N. Saravanan (2008) Effects of solution concentration on the properties of Cu_4SnS_4 thin films, *Materials Science (Medziagotyra)*, 14(2): 101-105.
4.	K. Anuar, S.M. Ho, W.T. Tan, S. Atan, K. Zulkefly, H. Jelas, N. Saravanan (2008) Cathodic electrodeposition of chalcogenide thin films Cu_4SnS_4 for solar cells, *CMU. J. Nat. Sci*., 7(2): 317-326
5.	K. Anuar, S.M. Ho, W.T. Tan, S. Atan, Z. Kuang, M.J. Haron & N. Saravanan. (2009) Effect of deposition period and bath temperature on the properties of electrodeposited Cu_4SnS_4 films. *Solid State Science and Technology*. 17(2): 226-237.
6.	K. Anuar, W.T. Tan, S. Atan, Z. Kuang, M.J. Haron, S.M. Ho, N. Saravanan (2009) Influence of Bath Temperature and pH Value On Properties Of Chemically Deposited Cu_4SnS_4 Thin Films, *J. Chil. Chem. Soc.*, 54(3) 256-259.
7.	K. Anuar, N. Saravanan, W.T. Tan, S. Atan, Z. Kuang, M.J. Haron, S.M. Ho (2009) Effect of Deposition Period and pH on Chemical Bath Deposited Cu_4SnS_4 Thin Films, *Phil J Sci*, 138(2) 161-168
8.	K. Anuar, Tan W.T., Abdullah, A.H., Jelas H.M., N. Saravanan, Ho S.M., Yazid M. (2009) Chemical bath deposition of NiSe thin films from alkaline solutions using triethanolamine as complexing agent, *Orient. J. Chem.*, 25(4), 813-816.
9.	A. Kassim, S. Nagalingam, T.E. Tee, A.M. Shariff, D. Kuang, M.J. Haron, S.M. Ho (2009) Effects of pH value on the electrodeposition of Cu_4SnS_4 thin films. *Analele Universitatii din Bucuresti*, 18(1): 59-64.
10.	K. Anuar, W.T. Tan, N. Saravanan, S.M. Ho, S.Y. Gwee (2009) Influence of pH values on chemical bath deposited FeS_2 thin films, *Pacific Journal of Science and Technology*, 10(2): 801-805.
11.	K Anuar, WT Tan, MS Atan, Ho SM (2009) Preparation and characterization of chemically deposited Cu_4SnS_4 thin films. Journal of Ultra Chemistry, 5(2):
12.	A. Kassim, Ho, S.M., Tan, W.T., N. Saravanan (2010) Composition, structure and photoelectrochemical characterization of electrodeposited Cu_4SnS_4 thin films, *Orient. J. Chem.* 26 (2), 389-394.

13.	K. Anuar, W.T. Tan, S. Atan, Z. Kuang, M.J. Haron, S.M. Ho and N. Saravanan (2010) Effects of Electrolytes Concentration On the Chemically Deposited Cu_4SnS_4 Thin Films, *Asian J Chem.* 22(1), 222-232.
14.	K. Anuar, K. Zulkefly, S, Atan, H. Jelas, W.T. Tan, S.M. Ho (2010) Effects of deposition potential on Cu_4SnS_4 thin films prepared by electrodeposition technique, *The Arabian Journal for Science and Engineering*, 35 (1A): 83-92.
15.	K. Anuar, W.T. Tan, H.A. Abdul, N. Saravanan, S.M. Ho (2010) Deposition and characterization of Cu_4SnS_4 thin films by chemical bath deposition method, *Macedonian Journal of Chemistry and Chemical Engineering*, 29(1): 97-103.
16.	K. Anuar, K. Zulkefly, S. Atan, W.T. Tan, S.M. Ho, N. Saravanan (2010) Preparation and studies of chemically deposited Cu_4SnS_4 thin films in the presence of complexing agent Na_2EDTA. *Indian Journal of Engineering & Materials Sciences*, 17: 295-298.
17.	K. Anuar, N. Saravanan, K. Zulkefly, S. Atan, W.T. Tan, S.M. Ho (2010) Influence of complexing agent (Na_2EDTA) on chemical bath deposited Cu_4SnS_4 thin films, *Bull. Chem. Soc. Ethiop.*, 24(2): 259-266.
18.	K. Anuar, N. Saravanan, W.T. Tan, S.M. Ho (2010) Effects of deposition period on the chemical bath deposited Cu_4SnS_4 thin films, *Rev. Soc. Quim. Peru*, 76(1): 54-60.
19.	A. Kassim, S.M. Ho, A.H. Abdullah, S. Nagalingam (2010) XRD, AFM and UV-Vis optical studies of PbSe thin films produced by chemical bath deposition method, *Transaction C: Chemistry and Chemical Engineering*, 17(2): 139-143.
20.	K. Anuar, H.A. Abdul, S.M. Ho, N. Saravanan (2010) Effect of deposition time on surface topography of chemical bath deposited PbSe thin films observed by atomic force microscopy, *Pacific Journal of Science and Technology*, 11(1): 399-403.
21.	K. Anuar, W.T. Tan, K.A. Dzulkefly, M. J. Haron, S.M. Ho, M. Shanthi, N. Saravanan (2010) Preparation and characterization of PbSe thin films by chemical bath deposition, *Jurnal Kimia*, 4(1): 1-6.
22.	K. Anuar, W.T. Tan, M. Jelas, S.M. Ho, S.Y. Gwee (2010) Effects of deposition period on the properties of FeS_2 thin films by chemical bath deposition method, *Thammasat Int. J. Sc. Tech.*, 15(2): 62-69.
23.	K. Anuar, M. Jelas, M. Y Rosli, W.T. Tan, H.A. Abdul, S.M. Ho, N. Saravanan (2010) Chemical bath deposition of NiSe thin films from aqueous solutions, *Kuwait Journal of Science and Engineering*, 37(2): 63-73
24.	K. Anuar, S.M. Ho, H.A. Abdul, K. Noraini, N. Saravanan (2010) Influence of the deposition time on the structure and morphology of the ZnS thin films electrodeposited on indium tin oxide substrates. *Digest Journal of Nanomaterials and Biostructures*, 5(4): 975-980.
25.	K. Anuar, N. Saravanan, S.M. Ho, K. Noraini (2010) XRD and AFM studies of ZnS thin films produced by electrodeposition method. *Arabian Journal of Chemistry*, 3(4): 243-249.
26.	A. Kassim, W.T. Tan, S.M. Ho, N. Saravanan (2010) Influence of pH on the structural and morphological properties of ZnS thin films. *Anadolu University Journal of Science and Technology*, 11(1): 17-22.
27.	K. Anuar, W.T. Tan, S.M. Ho, H.A. Abdul, H.J. Ahmad, N. Saravanan (2010) Effect of solution concentration on MnS_2 thin films deposited in a chemical bath. *Kasetsart J. (Nat. Sci)*, 44: 446-453.
28.	K. Anuar, A.H. Abdullah, S.M. Ho, N. Saravanan (2010) Influence of deposition time on the properties of chemical bath deposited manganese sulfide thin films, *Avances en Quimica*, 5(3), 141-145.
29.	K. Anuar, S.M. Ho (2010) Deposition and characterization of MnS thin films by chemical bath deposition method. *International Journal of Chemistry Research*, 1(1): 1-5.
30.	K. Anuar, W.T. Tan, N. Saravanan, S.M. Ho (2010) The effect of bath temperature on the chemical bath deposition of copper sulphide thin films. *Jordan Journal of Chemistry*, 5(2), 165-173.
31.	K. Anuar, N. Saravanan, T.W. Tan, K.L. Koon, S.M. Ho (2010) Effect of pH value and

	electrolyte concentration on the copper sulphide thin films prepared by chemical bath deposition method. *Gazi University Journal of Science*, 23(4): 435-443.
32.	K. Anuar, W.T. Tan, N. Saravanan, L.K. Khor, S.M. Ho (2010) Effects of deposition time on the chemical bath-deposited CuS thin films. *Journal of Nepal Chemical Society*, 25: 2-8.
33.	K. Anuar, N. Saravanan, W.T. Tan, S.M. Ho, D. Teo (2010) Chemical bath deposition of nickel sulphide (Ni_4S_3) thin films. *Leonardo Journal of Sciences*, 16: 1-12.
34.	K. Anuar, S.M. Ho, S. Atan, N. Saravanan (2010), Influence of triethanolamine on the properties of chemical bath deposited nickel sulphide thin films, *Jurnal Nanosains & Nanoteknologi*, 3(2): 22-24.
35.	K. Anuar, S.M. Ho, Y.Y. Loh, N. Saravanan (2010) Structural and morphological characterization of chemical bath deposition of FeS thin films in the presence of sodium tartrate as a complexing agent. *Silpakorn U Science & Tech J.*, 4(2): 36-42.
36.	K. Anuar, N. Saravanan, S.M. Ho, C.F. Ngai (2010) Structural transformations in chemical bath deposited nickel sulphide thin films. *Pacific Journal of Science and Technology*, 11(2): 441-445.
37.	K. Anuar, S.M. Ho, S. Atan, N. Saravanan (2010) X-ray diffraction and atomic force microscopy studies of chemical bath deposited FeS thin films. *Studia UBB. Chemia*, 55(3): 5-11.
38.	K. Anuar, S.M. Ho, M. Shanthi, N. Saravanan (2010) Synthesis of PbSe thin film by chemical bath deposition and its characterization using XRD, SEM and UV-Vis spectrophotometer. *Makara Sains*, 14(2): 117-120.
39.	Anuar K, Tan WT, Dzulkefly KA, Atan MS, Ho SM, Gwee SY, Saravanan N (2010) Preparation and characterization of iron sulphide thin films by chemical bath deposition method. Indo J Chem, 10(1): 8-11
40.	Anuar K, Tan WT, Ho SM, Shanthi M, Saravanan N (2010) Effect of bath temperature on the chemical bath deposition of PbSe thin films. Kathmandu University Journal of Science, Engineering and Technology. 6(2): 126-132.
41.	Anuar K, Ho SM, Tan WT, Abdul HA, Atan S, Md JH, Saravanan N, Zulkefly K (2010). CATHODIC ELECTRODEPOSITION OF Cu 4 SnS 4 THIN FILMS FROM ACIDIC SOLUTION, ASEAN Journal on Science and Technology for Development. 27, DOI: https://doi.org/10.29037/ajstd.176.
42.	K. Anuar, S.M. Ho, W.T. Tan, C.F. Ngai (2011) Influence of triethanolamine on the chemical bath deposited NiS thin films, *American Journal of Applied Sciences*, 8(4): 359-361.
43.	K. Anuar, W.T. Tan, N. Saravanan, S.M. Ho (2011) Influence of pH on the properties of chemical bath deposited Ni_4S_3 thin films, *Bangladesh Journal of Scientific and Industrial Research*, 46(2): 243-246.
44.	K. Anuar, W.T. Tan, S.M. Ho, N. Saravanan (2011) Deposition and characterization of ZnS thin films using chemical bath deposition method in the presence of sodium tartrate as complexing agent. *Pak. J. Sci. Ind. Res. Ser. A: Phy. Sci.*, 54(1): 1-5.
45.	K. Anuar, R. Nani, S.M. Ho (2011) Atomic force microscopy studies of zinc sulfide thin films. *International Journal of Advanced Engineering Sciences and Technologies*, 7(1): 169-172.
46.	K. Anuar, W.T. Tan, S.M. Ho, X.Y. Teh (2011) Deposition and characterization of tin sulphide thin films by chemical bath deposition technique. *International Journal of Applied Chemistry*, 7(2): 175-182.
47.	K. Anuar, S.M. Ho, S. Atan, M.J. Haron (2011) The effect of the pH value on the growth and properties of chemical bath deposited SnS thin films. *Research Journal of Chemistry and Environment*. 15(3): 45-48.
48.	K. Anuar, S.M. Ho, W.T. Tee, K.S. Lim, N. Saravanan (2011) Morphological characterization of CuS thin films by atomic force microscopy, *Research Journal of Applied Sciences, Engineering and Technology*, 3(6): 513-518.
49.	K. Anuar, S.M. Ho, K.S. Lim, N. Saravanan (2011) SEM, EDAX and UV-Visible studies on the properties of Cu_2S thin films. *Chalcogenide Letters*, 8(7): 405-410.
50.	K. Anuar, S.M. Ho, W.T. Tan, R. Yazid (2011) Preparation and characterization of chemical bath

	deposited NiSe thin films. *Ozean Journal of Applied Sciences*, 4(4): 363-372
51.	K. Anuar, S.M. Ho, W.T. Tan, Kelvin, N. Saravanan (2011) Composition, morphology and optical characterization of chemical bath deposited ZnSe thin films. *European Journal of Applied Sciences*, 3(3): 75-80.
52.	K. Anuar, S.M. Ho, S. Atan, H. Jelas, N. Saravanan (2011) Chemical bath deposition of SnS thin films: AFM, EDAX and UV-Visible characterization. *Oriental Journal of Chemistry*, 27(4): 1375-1381.
53.	K. Anuar, S.M. Ho, Kelvin, W.T. Tan, N. Saravanan (2011) Influence of pH on the morphology properties of ZnSe thin films studied by atomic force microscopy. *European Journal of Scientific Research*, 66(4): 592-599.
54.	K. Anuar, M.Y. Rosli, S.M. Ho (2011) UV-Visible studies of chemical bath deposited NiSe thin films. *International Journal of Chemical Research*, 3(1): 21-26.
55.	Anuar K, Ho SM, Tan WT, Atan S, Kelvin, Nagalingam S (2011) Chemical bath deposition of ZnSe thin films: SEM and XRD characterization. European Journal of Applied Sciences, 3(3): 113-116.
56.	K. Anuar, S.M. Ho., K.S. Lim, N. Saravanan (2011) Surface morphology of CuS thin films observed by atomic force microscopy. *SQU Journal for Science*, 16: 24-33.
57.	K. Anuar, S.M. Ho, N. Saravanan (2011) Preparation of lead selenide thin films by chemical bath deposition method in the presence of complexing agent (tartaric acid), *Turkish Journal of Science & Technology*, 6(1): 17-23.
58.	K. Anuar, S.M. Ho, J.H. Mohd, N. Saravanan (2011) Preparation of thin films of copper sulfide by chemical bath deposition. *International Journal of Pharmacy & life sciences*. 2(11): 1190-1194.
59.	K. Anuar, S.M. Ho, Y.Y. Loh, W.T. Tan, N. Saravanan (2012) Complexing agent effect on the properties of iron sulphide thin films. *Canadian Journal of Pure & Applied Sciences*. 6(1): 1863-1867.
60.	K. Anuar, S.M. Ho, W.T. Tan, S.M. Ho and N. Saravanan (2012) Temperature-dependent surface topography analysis of SnSe thin films using atomic force microscopy. Asian *Journal of Research in Chemistry.* 5(2): 291-294.
61.	K.Anuar, S.M. Ho, K.S. Lim, N. Saravanan. (2013) Investigation of morphological properties of the copper sulfide films in acidic media based on atomic force microscopy. *International Research Journal of Chemistry.* 3(3): 62-68.
62.	Ho SM, Anuar K. Tan, WT. (2013). Thickness Dependent characteristics of chemically deposited tin sulphide films. Universal Journal of Chemistry. 1(4): 170-174.
63.	Ho SM, Anuar K., Tan WT (2013). The role of bath temperature in aqueous acidic chemically PbS films. Journal of Basic and Applied Scientific Research. 3(11), 353-357.
64.	Ho Soon Min, (2013) Chalcogenide thin films prepared by chemical bath deposition, Chemical Sciences Journal, Volume 4, Page 75. doi: 10.4172/2150-3494.1000075
65.	Ho SM (2014). Atomic force microscopy investigation of the surface morphology of $Ni_3Pb_2S_2$ thin films. European Journal of Scientific Research, 125, 475-480.
66.	Ho SM, Anuar K, Tan WT. (2014). Chemical bath deposited lead sulphide thin films: preparation and characterization. World of Mechanics, 1 (1), 1-6.
67.	Ho SM. (2014). Influence of complexing agent on the growth of chemically deposited $Ni_3Pb_2S_2$ thin films. Oriental Journal of Chemistry, 30(3), 1009-1012.
68.	HO SM (2015). The applications of atomic force microscopy in materials science research. Chemical Sciences Journal. 6. doi: 10.4172/2150-3494.1000e107.
69.	HO SM (2015). Scanning electron microscopy study of surface morphology of $Ni_3Pb_2S_2$ thin films. Asian Journal of Chemistry, 27(10), 3851-3853.
70.	HO SM (2015). Quaternary thin films: A review. Research Journal of chemistry and Environment. 19(7), 48-52.

71.	HO SM, Anand TJS (2015). A review of chalcogenide thin films for solar cell applications. Indian Journal of Science and Technology. 8(12), DOI: 10.17485/ijst/2015/v8i12/67499.
72.	HO SM (2015). Morphological studies of $Ni_3Pb_2S_2$ thin films by means of scanning electron microscopy technique. International Journal of Applied Chemistry, 11(3), 363-369.
73.	Ho SM (2015) Review on metal telluride thin films. Der Pharma Chemica, 7(9), 56-60.
74.	Ho SM (2015) UV-Visible studies of chemical bath deposited $Ni_3Pb_2S_2$ films. *Journal of Chemical and Pharmaceutical Research. 7(9), 50-55.*
75.	Ho SM (2015) Electro deposition of thin films in the presence of complexing agent: A review. International Journal of Applied Chemistry, 11(5), 539-544.
76.	HO SM (2015) THERMAL EVAPORATION OF THIN FILMS: REVIEW. **Middle-East Journal of Scientific Research, 23 (11), 2695-2699.**
77.	Ho SM (2015) Role of complexing agent in chemical bath deposition of thin films: A review. Australian Journal of Basic and Applied Sciences. 9(31), 625-629.
78.	Ho SM (2015) Chemical bath deposition of Nickel lead sulphide films: sem studies, Journal of chemistry and chemical research, 1(1), 14-19.
79.	Ho SM (2015) A review on the absorber materials in dye sensitized solar cell, Journal of Multidisciplinary Engineering Science Studies, 1(1), 25-29.
80.	Ho SM (2015) Chalcogenide thin films prepared using chemical bath deposition method: Review, Research Journal of Applied Sciences Engineering and Technology, 11(10), 1058-1065.
81.	Ho SM (2015) CADMIUM CHALCOGENIDE THIN FILMS, Journal of Chemical and Pharmaceutical Research, 7(12), 618-623.
82.	Ho SM (2015) Synthesis of binary metal chalcogenides using SILAR method: Review. Chemical Science Review and Letters. 4(16): 1305-1310.
83.	Ho SM (2015) Spray pyrolysis deposition of thin films: Review, European journal of scientific research, 136 (4). 446-450
84.	Ho SM, (2016) Preparation of ternary ($Ni_3Pb_2S_2$) thin films by chemical bath deposition method. International Research Journal of Pure and Applied Chemistry, 10(1), 1-5.
85.	Ho SM (2016) A review on thin films on indium tin oxide coated glass substrate. Asian Journal of Chemistry. *28(3),469-472.*
86.	Ho SM (2016) A brief review on the polymer thin film solar cells. International journal of scientific research in science, engineering and technology 2 (1), 1-5.
87.	Ho SM (2016) A scanning electron microscopy investigation of semiconductor metal chalcogenide thin films: A review. Der Pharma Chemica, 8(2), 13-16.
88.	Ho SM (2016) Power conversion efficiency in thin film solar cell: Review. International Journal of Chemical Sciences, 14(1), 143-151.
89.	Ho SM (2016) A Brief review of the growth of pulsed laser deposited thin films. British Journal of Applied Sciences and Technology. 14(6), 1-6.
90.	Ho SM (2016) Application of Energy Dispersive X-Ray Analysis Technique in Chalcogenide Metal Thin Films: Review. Middle East Journal of Scientific Research, 24, 445-449.
91.	Ho SM (2016) Transmission electron microscopy studies on chalcogenide thin films: A review,

	Journal of Chemical and Pharmaceutical Research, 8(3), 71-74.
92.	Ho SM (2016) Synthesis and characterization of electrodeposited zinc oxide nanostructures for dye sensitized solar cells: A review. Chemical science Transactions. 5(2), DOI:10.7598/cst2016.1163.
93.	Ho SM (2016) A review on the sputtering deposition film growth. Journal of Applied Sciences Research. 12(1): 44-48.
94.	Ho SM (2016) Chemical bath deposited copper tin sulphide thin films: SEM and EDX analysis. Journal of Applied Sciences Research. 12(2): 12-15.
95.	Ho SM (2016) Metal selenide semiconductor thin films: A review. International Journal of ChemTech Research. 9(23), 390-395.
96.	Ho SM (2016) A review on the organic solar cells. Australian Journal of Basic and Applied Sciences. 10(8): 21-24.
97.	Ho SM (2016) Electrodeposition of ternary thin films: A review. International Journal of Chemical and Pharmaceutical Analysis. 3(2).
98.	Ho SM (2016) Chemical bath deposition of ZnSe thin films: Investigations of the growth conditions. America Chemical Science Journal. 14(4): 1-6.
99.	Ho SM (2016) Preparation and characterization of nickel oxide thin films: A review. International Journal Applied Chemistry. 12, 87-93.
100	Ho SM (2016) Metal chalcogenide thin films for photoelectrochemical cell applications: a review. Middle East Journal of Scientific Research. 24(4): 1232-1235.
101	Ho SM (2016) Study of optical properties of thin films by means of UV-Visible spectrophotometer: A review. Middle East Journal of Scientific Research. 24(4): 1227-1231.
102	Ho SM (2016) Atomic force microscopy studies on the surface morphologies of chemical bath deposited CuS thin films. Oriental Journal of Chemistry. 32(3): 1515-1519.
103	Ho SM (2016) A review on copper oxide thin films. **International Journal of Recent Scientific Research. 7(6): 11914-11918.**
104	Ho SM (2016) Synthesis of thin films on flexible substrates: A review: Middle-East Journal of Scientific Research. 24(7), 2235-2238
105	Ho SM (2016) Synthesis and properties of cadmium oxide thin films: a review. International Journal of Current Advanced Research. 5(7), 1038-1041.
106	Ho SM (2016) Preparation and characterization of tungsten oxide thin films. Journal of Chemical and Pharmaceutical Research. 8(7), 414-416.
107	Ho SM (2016) A review on the Penternary compound thin films. Australian Journal of Basic and Applied Sciences. 10(12), 334-338.
108	HO SM (2016) Rutherford backscattering spectrometry studies on the properties of metal chalcogenide thin films: a review. European Journal of Scientific Research. 142(4), 343-349.
109	Ho SM (2016) Optical properties of ternary thin films ($Ni_3Pb_2S_2$) prepared by chemical bath deposition technique. Research Journal of Chemistry and Environment. 20(5), 29-33.
110	Ho SM (2016) Synthesis and characterization of tin oxide thin films: a review. Der Pharma Chemica, 8(3), 20-23.
111	Ho SM (2016) Investigation of the electrical properties of metal chalcogenide thin films: A review. Der Pharma Chemica, 8(11), 17-20.
112	Ho SM (2017) Studies on chemically deposited copper tin sulphide thin films: EDX and SEM investigations. Research Journal of Chemistry and Environment. 21 (1), 33-37.
113	Ho SM (2017) Influence of deposition time on optical properties of chemically deposited nickel lead sulphide thin films, International Journal of Applied Chemistry, 13, 111-119.
114	Ho SM (2017) Chemical bath deposited copper tin sulphide thin films in the presence of complexing agent: EDX and SEM analysis, der pharma chemical, 9(2), 77-81.
115	Ho SM (2017) Study of the growth of magnesium oxide thin films using X-ray diffraction technique: mini review. Recent Advances in Petrochemical Science. 1(2): 555558.
116	Ho SM (2017) X-ray photoelectron spectroscopy studies of metal chalcogenide thin films:

	review- Inorganic Chemistry: An Indian Journal. 12 (1), 109
117	Ho SM (2017) study of structural properties of $Ni_3Pb_2S_2$ films. Oriental J Chemistry, 33(4), 2134-2137.
118	Ho SM (2017) Characterization of nickel lead sulphide thin films: X-ray diffraction studies. ARPN Journal of Engineer and Applied Sciences. 12(15), 4378-4382.
119	Ho SM (2017) Synthesis and characterization of Ag_2S nano crystalline thin films: a review. Global Science Chronicle. 1(1), 1-5.
120	Ho SM (2017) Growth and characterization of $CuInTe_2$ thin films: review. Journal of Engineering and Applied Sciences. 12, 3720-3723.
121	Ho SM (2017) Studies of power conversion efficiency and optical properties of $Ni_3Pb_2S_2$ thin films. Makara Journal of Science, 21, 119-124.
122	Ho SM (2017) Preparation of nanocrystalline aluminum oxide thin films: a review. International Journal of chemical Sciences, 15(2), 115.
123	Ho SM (2017) Synthesis and characterization of ternary Cu_4SnS_4 nanocrystalline semiconductor thin films: a review. International Journal of Research in Engineering and Innovation. 1, 143-146.
124	Ho SM (2017) Atomic microscopy studies on sulfur-, selenium, and tellurium based metal chalcogenide thin films. A review. African Journal of pure and Applied Chemistry. 11(5), 42-49.
125	Ho SM, O.I. Olusola, D.C. Sharma, W. Mahmood. (2018) Zinc telluride thin films: a review. Asian Journal of Chemistry. 30(3), 469-473.
126	Ho SM, Amala Rani (2018) A review of recent results on cyclic voltammetry studies of metal chalcogenide thin films. Journal of Engineering and Applied Sciences. 13 (9), 2773-2779.
127	Ho SM, Gincy S, Sharadrao AV (2018) Studies on Cu_2SnS_3 thin films: review. ARPN Journal of Engineering and Applied Sciences, 13(13), 4152-4159
128	Ho SM, Vyas CU, Pratik Pataniya, Patel KD, Somnath Mahato (2018). A short review of CdTe and CdSe films: growth and characterization. Mediterranean Journal of Chemistry, 7(2), 115-124.
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134	Ho Soonmin, A. Ayeshamariam (2019) Review of recent research on penternary nanostructured thin films. ARPN Journal of Engineering and Applied Sciences, 14(1), 270-277.
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137	Ho Soon Min (2019) Raman Investigations of metal chalcogenide thin films (a short review). Oriental Journal of Chemistry, 35 (Special Issue 1), 1-7.
138	Ho Soon Min, Muhammad Bilal Tahil, SN Das, MR Das (2019) Preparation of thin films by SILAR and Spin coating method. Eurasian Journal of Analytical Chemistry, 14 (1), 165-172.
139	Ho Soon Min, Saif Ed Din Fertahi, Tarik Bouhal, Ng Shu Naa, MAC Munaaim (2019) Solar energy development: case study in Malaysia and Morocco. International Journal on Emerging Technologies, 10(1): 106-113.
140	Ho Soon Min, Emmanuel Ajenifuja (2019) A short review of recent advances in copper oxide nanostructured thin films. Research Journal of Chemistry and Environment. 23(6), 138-145.
141	Ho Soon Min, Yousaf Hameed Khattak (2019) Review on silicon and thin film based solar cells. Research Journal of Chemistry and Environment. 23 (11), 135-142.
142	Ho Soon Min (2019) A short review on metal oxide thin films. European Science Review, 5-6, 120-122
143	Ho Soon Min (2019) The characterizations and studies of chemical bath deposited $Ni_3Pb_2S_2$ thin films for solar cell. INTI Journal, vol. 2019:039.

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148	Ho Soon Min, (2020) Activated Carbon and Metal Chalcogenide in Applied Materials Research, Physical Science & Biophysics Journal, 4, 1-10.
149	Ho Soon Min, O.P. Oladijo (2020) Deposition and characterization of thin Films on Titanium Substrate: Review. International Journal on Emerging Technologies 11(4): 299-305.
150	Ho Soon Min (2020) Nanostructured Cu_4SnS_4 thin films prepared by using various deposition methods: review. International Journal of Engineering Trends and Technology, Special issue. 191-194.
151	Ho SM (2020) Fabrication of Cu_4SnS_4 thin films: a review. Engineering, Technology & Applied Science Research. 10, 6161-6164.
152	Ho SM (2020) Analysis of Thin Films by Infrared Spectroscopy: Review. Indian Journal of Natural Sciences, 10, 61, 27593-27599.
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192	Ho SM (2023) Zeolite: review of characterization and applications. International Journal of Chemical and Biochemical Sciences, 24(5): 704-715.
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196	Ho SM (2023) Recent advances in the use of atomic force microscopy technique for dye-sensitized solar cells characterization. International Journal of Chemical and Biochemical Sciences. 24, 326-335.

[C] JOURNAL EDITOR

1. International Journal of Emerging Trends in engineering and Development (Elsevier)
2. Journal of Environmental Science, Computer Science and Engineering & Technology(Google Scholar)
3. Journal of Chemical, Biological and Physical Sciences (Google Scholar)
4. American Chemical Science Journal (Google Scholar)
5. International Journal of Chemical Research (Google Scholar)
6. Asian Transactions (Google Scholar)
7. Research Journal of Applied Sciences, Engineering & Technology (Google Scholar)
8. International Journal of Green and Herbal Chemistry (DOAJ)
9. African Journal of Pure and Applied Chemistry (Google Scholar)
10. European Online Journal of Natural and Social Sciences (Google Scholar)
11. Journal of Basic and Applied Scientific Research (Google Scholar)
12. World Journal of Biology and Medical Sciences (Scientific Indexing Services)
13. GSTF Journal of Chemical Sciences (Scopus)
14. ASIAN Journal of Applied Science and Engineering (Google Scholar)
15. Asian Journal of Pharmaceutical and Health Sciences (EBESCO)
16. Asian Journal of Applied Sciences (Google Scholar)
17. Science Journal of Chemistry (Google Scholar)

[D] JOURNAL REVIEWER

1. International Journal of Biological Macromolecules (IF=3.9)
2. Physica E: Low-dimensional Systems and Nanostructures (Elsevier, IF=1.9)
3. Materials Science in Semiconductor Processing (Elsevier, IF=2.3)
4. Journal of Inorganic and Organometallic Polymers and Materials (Springer, IF=1.3)
5. Arabian Journal of Chemistry (Elsevier, IF=3.6)

6. Journal of Alloys and Compounds (Elsevier, IF=3.0)
7. Materials Letters (Elsevier, IF=2.3)
8. Ceramics International (Elsevier, IF=2.8)
9. Vacuum (IF=2.1)
10. Journal of Materials Science: Materials in Electronics (Springer, IF=1.8)
11. Journal of Electronic Materials (IF=1.6)
12. Chinese Journal of Physics (IF=1.1)
13. Data in brief (IF=0.7)
14. Surface Review and Letters (ISI, IF=0.44)
15. Bulletin of the Chemical Society of Ethiopia (ISI, IF=0.83)
16. Materials Science: Kaunas University of Technology (IF=0.45)
17. Emerging Materials Research (IF=0.3)
18. Oriental Journal of Chemistry (IF=0.2)
19. Malaysian Journal of Analytical Sciences (Scopus, IF=0.15)
20. Borneo Journal of Resource Science and Technology (Malaysian Citation index, h=2)
21. International Journal of Geology, Agriculture and Environmental Sciences (GoogleScholar)
22. International Journal of Applied Research & Studies (Google Scholar)
23. International Association of Scientific Innovation and Research (Google Scholar)
24. International Scholars Journals (Scopus)
25. International Journal of Chemistry and Pharmaceutical Sciences (Google Scholar)
26. International Journal of Material Science (Google Scholar)
27. International Journal of Renewable Energy (Thailand Impact factor =0.042)
28. International Journal of Nano Dimension (Google Scholar)
29. International Journal of applied sciences (Google Scholar)
30. International Journal of Materials and Chemistry (Google Scholar)
31. International Journal of Environmental Science and Toxicology (Google Scholar)
32. International Journal of Chemistry (Google Scholar)
33. International Journal of Engineering, Science and Technology (Google Scholar)
34. International Journal of Research in Chemistry and Environment (Google Scholar)
35. Journal of Nanomedicine & Nanotechnology (Scopus, IF=0.37)
36. Journal of Basic & Applied Sciences (Google Scholar)
37. Journal of Electronic Science and Technology (Google Scholar)
38. Journal of Technology Innovations in Renewable Energy (Google Scholar)
39. Journal of Chemical Science and Technology (Google Scholar)
40. Journal of the Chemical Society of Pakistan (IF=0.28)
41. Journal of Pure and Applied Chemistry (Google Scholar)
42. Jurnal Teknologi (ISI)
43. Pakistan Journal of Chemistry (Google Scholar, DOAJ)
44. Pacesetter Journal of Biological Sciences (Google Scholar)
45. Progress in Nanotechnology and Nanomaterials (Google Scholar)
46. Physical Sciences Research International (Google Scholar)
47. Pakistan Journal of Engineering, Technology & Science (DOAJ)
48. Issues in Biological Sciences and Pharmaceutical Research (Google Scholar)
49. IIRE International Journal of Renewable Energy (Google Scholar)
50. Materials Science ktu (ISI, IF=0.43)
51. Current Chemistry Letters (DOAJ)
52. Chemical Sciences Journal (Google Scholar)
53. Chemistry International (Google Scholar)
54. Direct Research Journal of Chemistry and Material Science (Google Scholar)

55. DIRECT Research Journal of Agriculture and food Science (Google Scholar)
56. Science Journal of Pure & Applied Chemistry (Google Scholar)
57. Science Journal of Chemistry (Cross Ref)
58. Asian Journal of Applied Sciences (Scopus)
59. American Journal of Materials Science (Google Scholar)
60. American Chemical Science Journal (Google Scholar)
61. American Journal of Chemistry (Google Scholar)
62. African Journal of Pure and Applied Chemistry (Google Scholar)
63. World Applied Science Journal (Scopus)
64. World of Mechanics (Google Scholar)
65. Walailak Journal of Science and Technology (Scopus, IF=0.2)
66. World Journal of Nano Science and Engineering (ISI)
67. Natural Science (Google Scholar)
68. Nanoscience and Nanotechnology (Google Scholar)
69. Engineering, Technology & Applied Science Research (ISI)
70. The Journal of Pure and Applied chemistry (Google Scholar)
71. TIME Journal of Medicinal Plant Sciences and Pharmacology (Google Scholar)
72. Silpakorn University Science and Technology Journal (Google Scholar)
73. Maejo International Journal of Science and Technology (ISI, IF=0.33)
74. Biological Sciences and Pharmaceutical Research (Google Scholar)
75. Journal of Petroleum and Gas Exploration Research (Google Scholar)
76. Advances in Natural Science (Google Scholar)

[E] JOURNAL EDITORIAL BOARD

1. Journal of Biological and Chemical Research (index Copernicus)
2. International Journal of Nanomaterials and Chemistry (Google Scholar)
3. Journal of Chemistry and Chemical Sciences (Google Scholar)
4. International Journal of Advanced Information in Arts Science and Management (GoogleScholar)
5. International Journal of Chemical and Physical Sciences (Google Scholar)
6. International Journal of Applied Science and Engineering Research (Google Scholar)
7. Asian journal of Biological and Life Sciences (ISI)
8. Chemical Science Transactions (ISI)
9. Engineering, Technology and Applied Science Research (ISI)
10. MAEJO International Journal of Science and Technology ((ISI, IF=0.33)
11. International Journal of Chemistry and Pharmaceutical Sciences (Google Scholar)
12. African Journal of Science and Research (Google Scholar)
13. Journal of Applicable Chemistry (Google Scholar)
14. Knowledge of Research (Google Scholar)
15. International Journal of Mechanics Structural (Google Scholar)
16. PRIME Journal of Physical Science (Google Scholar)
17. International Journals of Engineering, Science & Mathematics (Google Scholar)
18. INDIAN Journal of Scientific Research (Google Scholar)
19. ASIAN Journal of Natural & Applied Sciences (Google Scholar)
20. ARPN Journal of Science and Technology (Google Scholar)
21. International Journal of Applied and Natural Sciences (Google Scholar)
22. Journal of Chemistry and Chemical Sciences (Google Scholar)
23. International Journal of Chemical and Life Sciences (Google Scholar)
24. International Journal of Advances in Applied Sciences (Google Scholar)

25. Energy Science and Technology (Google Scholar)
26. International Journal of Nanotechnology and Application (Google Scholar)
27. International Journal of Science and Engineering Applications (Google Scholar)
28. Current Chemistry Letters (DOAJ)
29. Journal of Basic and Applied Sciences (Google Scholar)
30. International Journals of Scientific Knowledge (Google Scholar)
31. The Journal of Pure and Applied Chemistry Research (Google Scholar)
32. INDIAN Journal of Advances in Chemical Science (Global impact factor)
33. International Journal of Applied Sciences and Biotechnology (Google Scholar)
34. Global Journal for Research Analysis (Google Scholar)
35. International Journal of Modern Chemistry and Applied Science (Google Scholar)
36. TIME Journal of Engineering and Physical Sciences (Google Scholar)
37. International Journal of Pharmaceutical and Medical Research (Google Scholar)
38. Mediterranean Journal of Chemistry (Google Scholar)
39. Journal of Scientific Research in Physical and Mathematical Sciences (Index Copernicus)
40. Greener Journal of Science, Engineering and Technological Research (Index Copernicus)
41. Journal of Scientific Research and Advances (Google Scholar)
42. Chemical Science Journal (Google Scholar)
43. Asian Journal of Chemical Sciences (Google Scholar)
44. Academic Journal of Chemistry (Google Scholar)
45. Chemistry Research Journal (Google Scholar)
46. Journal of Advance Research in Physics, Chemistry and Applied Science (Google Scholar)
47. International Journal of Advanced and Applied Science (Google Scholar)
48. International Journal of Application of Engineering and Technology (Google Scholar)
49. Journal of Chemical and Pharmaceutical Research (Scopus, IF=0.14)
50. International Journal for Innovation Education and Research (Google Scholar)
51. Indian Journal of Chemistry & Application (Google Scholar)
52. International Journal of Advanced Pharmaceutical Sciences (Google Scholar)
53. International Journal of Advanced Research in Chemical Science (Google Scholar)
54. Archives Organic and Inorganic Chemical Sciences (Google Scholar)
55. RPP International Journal of Advances in Research (Google Scholar)

[F] EXTERNAL EXAMINER (STUDENT LIST)

1.M.V. Satyanarayana – Acharya Nagarjuna University, INDIA
(2015)2.Sri Ayyagari Rama Murthy – Andhra University, INDIA
(2015)
3.P. Purnachandra Rao - Acharya Nagarjuna University, INDIA (2015)
4.K. Kranthi Raj - Acharya Nagarjuna University, INDIA
(2015)5.Sri Suri Babu Madasu – Andhra University, INDIA
(2015) 6.Masilamani S – Anna University, INDIA (2015)
7.Muhammad Mobin Siddiqi – University of Karachi, PAKISTAN (2015)
8.M. ASHOKKUMAR – Bharathidasan University, INDIA
(2016)9.Sri kaki Gowri Sankara Rao – Andhra University,
INDIA (2016)
10. N. Murali Krishna - Acharya Nagarjuna University, INDIA (2016)
11. Sri Gajare Vikas Sadashiv – Andhra University, INDIA (2016)
12. Sandhya Rani Kalipindi - Andhra University, INDIA (2016)
13. KOTESWARA RAO KODALI - Andhra University, INDIA (2016)
14. Sri DANDU SATYA NARAYANA RAJA -Andhra University, INDIA (2016)
15. Kaki Soujanya - Acharya Nagarjuna University, India (2016)
16. MURALI DADI - Acharya Nagarjuna University, India (2016)
17. M Muthusamy – Bharathiar University, India (2017)
18. S Anandan - Bharathiar University, India (2017)

19. Sri Ravi Kumar Majji – Andhra University, India (2017)

130. Thota Yakantham - Acharya Nagarjuna University, India (2023)
131. Sruthi Talapudi -Andhra University, India (2023)
132. Kameswara Rao CH.V. -Acharya Nagarjuna University, India (2023)
133. Khalid Mehmood -Government College University, Faisalabad, Pakistan (2023)
134. Sobia Hashim -Federal Urdu University of Arts, Science and Technology, Pakistan (2023)
135. Korupolu Nagu-Gandhi Institute of Technology and Management, India (2023)
136. Fazal Suhrab Gul -Hazara University, Mansehra, KP, Pakistan (2023)
137. Gummaluri Ram Kumar-Acharya Nagarjuna University, India (2023)
138. Swapna Gone - Acharya Nagarjuna University, India (2023)
139. Venkat Ram Reddy A -Andhra University, India (2023)
140. Asghar Khan -Hazara University Mansehra, Pakistan (2024)

Acharya Nagarjuna University, INDIA,Andhra University, INDIA, Periyar University, India Anna University, INDIA, University of Karachi, PAKISTAN, Bharathidasan University, INDIA, Bharathiar University, India. Hazara University, Mansehra Pakistan, Government College University, Pakistan Abdul Wali Khan University Mardan, PakistanVisvesvaraya Technological University, India Cairo University, Egypt GITAM University, India Madurai Kamaraj University, India Meenakshi Academy of Higher Education and Research, India Federal Urdu University of Arts, Science and Technology, PakistanK L University, INDIA Quaid-i-Azam University, Islamabad, Pakistan University of Peshawar, Khyber Pakhtunkhwa, PakistanGandhi Institute of Technology and Management, India University Teknologi MARA, Malaysia. Kalasalingam Academy of Research and Education, IndiaKarunya Institute of Technology and Sciences, India Government Arts College for Men (Autonomous), Nandanam, Chennai, India

[G] RESEARCH/CONFERENCE COMMITTEE MEMBER

1. Organizing Committee –Green Chemistry, Philadelphia, USA (2014)
2. University Research Committee member (2014-2017)
3. FOSTEM Research Committee member (2015)

4. 4th Research seminar, INTI IU –committee member (June 2015)
5. 5th Research seminar, INTI IU - committee member (November 2015)
6. Research Seminar on Materials Science: Superconductors –committee member (2nd Nov2016)

7. FOSTEM Research Poster Presentation Open Day - 14th July 2014
8. Poster Presenter - Research & Innovation Fair 2015
9. HEAD -center for green chemistry and applied chemistry (2015 – present)
10. Guest editor – Science Journal of Chemistry (2014)
11. Assistant Guest editor – National Conference on Energy Materials, 28-29 June 2018, Manonmaniam Sundaranar University, India
12. Technical program committee – International Conference on Material Science andSemiconductor Devices, University of Dhaka, Bangladesh 7-8 September 2018.
13. International Conference on Frontiers of Research in Engineering, Science and Technology,21-22 September 2018, New Delhi, India
14. International Conference on computer, engineering, law, education and management, 21-22 August 2018, Seoul, South Korea.
15. International Conference on systems, science, control, communication, engineering andtechnology, 21-22 September 2018.
16. International Congress on Nano Technology, 18th to 20 October 2018, Thailand.
17. International Conference and Exhibition on Nanotechnology, 18-19 November 2019,Malaysia
18. 4th International Conference on Engineering Design and Analysis, 19-21 October 2019, Bali, Indonesia.
19. Ahmad Dahlan International Conference Series (ADICS) 2019, on 26-27 August 2019,Yogyakarta, Indonesia.
20. International Conference on Advanced Material Research and Processing Technology(AMRPT 2019), 19-21 July 2019, Wuhan, China.
21. International Technical Committee, IOP Conf. Series: Earth and Environmental Science 511 (2020).
22. 11th International Advances in Applied Physics & Materials Science Congress & Exhibitionon October 17-23, 2021.
23. Webinar on chemical science and chemical engineering, 20 OCT to 21 OCT, 2021.
24. 20th PARIS International Conference on Engineering, Technology and Waste Management (PETWM-21) scheduled on Sept. 22-24, 2021 Paris, France.
25. Asian Conference on Science, Technology & Medicine 4th Conference, 20-21 November,2021, Dubai, U.A.E
26. 3rd Global Congress on Chemistry and Catalysis (GCC-2022), 2nd and 3rd November 2022,Dubai.
27. Scholars Frontiers in Chemistry Forum, June 20-21, 2022 at Berlin, Germany
28. International Conference on Emerging Trends in Materials Science and Technology-10, 11 February 2022, India
29. The 5th International Symposium on Hydrogen Energy and Energy Technologies, 18-19November 2022
30. World Congress on Nanotechnology 2022 (NANO2022), November 10-13, 2022 in SanFrancisco, USA.
31. 12th APMAS 2022- International Advances in Applied Physics & Materials Science Congress & Exhibition, Liberty Hotels Lykia, Oludeniz- Turkey (13 October to 19 October 2022).
32. 5th Online International Conference on chemistry and nanosciences: Current trends and latest innovations in the field of chemistry and nanosciences. 13 OCT to 14 OCT 2022.
33. 4th International Conference chemistry and applied sciences, 9 NOV to 10 OCT 2022, UAEDubai.
34. Asian Conference on Science, Technology & Medicine, 5-6 August 2023, Dubai, UAE
35. European Congress on Chemistry and Applied Sciences, March 20-21, 2023, Belstay Roma Aurelia, Rome, Italy.
36. International Experts meet on applied Science, engineering & technology, 22-23 July 2023.
37. International Forum on Agricultural Science and Technology (AGRIFORUM 2023), inVancouver, Canada, August 24-26, 2023.

38. Asian Conference on Science, Technology & Medicine (ACSTM 2023). 5th Conference on 5thand 6th August 2023, Dubai, UAE
39. International Experts Summit on Nanotechnology and Nanomaterials (IESNN 2023), 6th to 8th November 2023, Nice, France.
40. 4th International Conference on Biomaterials and Biodevices, 16-17 November, 2023, Rome,Italy.
41. 2023 International Joint Conference on Energy and Environmental Engineering (CoEEE), Stockholm, Sweden, May 19-21, 2023.
42. 2nd International Meet on Power and Energy Engineering (ENERGYMEET2023)- May 18-20,2023 in Brussels, Belgium
43. 2nd World Conference on Engineering, Technology and Applied Science, November 13-14,2023, Bangkok, Thailand.
44. 39th Johannesburg International Conference on chemical, biological, and environmental engineering, Nov 16-17, 2023, South Africa.
45. 4th World Conference On Chemistry and Chemical Engineering, November 13-14, 2023, Bangkok, Thailand
46. 5th International Conference on Trends in Material Science and Inventive Materials [ICTMIM2023], 8-9, December 2023, India.
47. 4th International Conference on Materials Science & Engineering, August 11-12, 2023.
48. International Conference on Green Energy, Environment and Sustainable Development(G2ESD 2023), University hotel Weihai, Weihai, China (December 8-10, 2023).
49. Global congress & expo on renewable & non-renewable energy, 13-15th September 2023,Dubai, UAE.
50. 2023 the international conference on environmental monitoring and governance, Shenzhen,China, December 15-16, 2023.
51. The 10th International Conference on Mechanical, Automotive and Materials Engineering, 20-22 December 2023, Vietnam.
52. 2nd European Congress on Chemistry and Applied Sciences, 9-10 November 2023, Paris, France.
53. 3rd International Meet on Applied Science, Engineering and Technology, 16-18, Sep 2024,Dubai, UAE
54. SEMICON FORUM 2024, 12-14 August 2024, Madrid, Spain.
55. 6th International Conference on Chemistry (Theme: Current Research and Developments in Chemistry), 21&22, March, 2024, Rome, Italy
56. Materials Science Conference -global edition, April 8-9, 2024, New York City, USA.
57. International summit on carbon nanotubes and engineering, 22-24 July 2024, Belgium
58. 1st International Conference on Advanced Energy Materials, Devices and Systems, 2024.
59. Global Summit and Expo on Renewable and Sustainable Energies, Kuala Lumpur, Malaysia, August 19-21, 2024.
60. GMESA2024-Global Meet on Environmental Science and Applications, 27-29 June 2024,Porto, Portugal.
61. The 10th annual conference of AnalytiX, 22-24 April 2024, Nagoya, Japan.
62. Euro Global Summit and Expo on Nanotechnology and Nanomaterial, October 14-16, 2024, Barcelona, Spain.
63. 3rd International Conference on Green Chemistry, 25-26 June 2024, Toranto, Canada.
64. 2nd global conference on materials science & engineering, 30 May-1 June, 2024, Dubai.
65. Global Meet on Nanotechnology and Nanomaterials, July 18-20, 2024, California, USA
66. Asian Conference on Science, technology & Medicine, 17-18 August 2024, Dubai, UAE.
67. 2nd Global Meet on Power and Energy Engineering, 2-4 September 2024, Dubai, UAE
68. 5th International Conference on Materials Science & Engineering", January 20-21, 2024.
69. World Chemistry Forum, International Congress on Green Environmental Catalysis, 1-3 FEB2024, Osaka, Japan
70. 9th European Congress on Advanced Nanotechnology and Nanomaterial's, 24-25 June 2024, Amsterdam, Netherlands.
71. 2nd International Experts Summit on Nanotechnology and nanomaterials, IESNN 2024, 07-09 Oct 2024, Osaka, Japan.

72. International Conference on Green Energy, Environment and Sustainable Development(G2ESD 2024), 27-29 September 2024, Weihai, China.
73. CEGS 2024: International Conference on Collaborative Endeavors for Global Sustainability,15 May 2024, Vancouver, Canada.

[H] RESEARCH CITATION IMPACT

1. ResearchGate, RG Score = 28.38
2. Google Scholar, Total citations = 2077
3. Google Scholar, h-index = 25
4. Google Scholar, i10-index = 78

[I] MEMBERSHIP OF NATIONAL PROFESSIONAL BODIES

1. Institute of Materials Malaysia (IMM): 2011 – present
2. Malaysian Institute of Chemistry (IKM): 2011 – present
3. Malaysian Analytical Sciences Society (ANALIS): 2011 – present
4. Malaysian Solid State Science & Technology Society (MASS): 2013 - present

[J] MEMBERSHIP OF INTERNATIONAL PROFESSIONAL BODIES

Research Journal of chemistry and Environment	Annual [2015/2016]	A/RJCE/2015/0564
Aufau Periodicals	Annual [2016]	APBM132047021
Researchers Society of Chemical Sciences	Life membership number	194/RSCS/2017
Scientific and Technical Research Association	Life membership number	STRA-M18092
Asian Chemical Society	Life membership number	ACS/2018/LM106
World Researchers Associations	Annual (2019)	AM/2018/0038
Asian Council of Science Editors	2019-2022	Membership No: 60.15477
World Research Council	2019/2020	Membership: WRC-RPA-IND-101062

International Scientific Research Organization for Science, Engineering and Technology [ISROSET]	Life member	ISROSET-FM-1050
DHS FOUNDATION's Global Members Club	Executive Member [June 2021 to June 30, 2022]	Membership No. DHSGM40026
World Researchers Associations	Annual member [OCT 2023/OCT 2024]	Membership No: 195
European Council for Higher Education and Accreditation	Annual member [Nov 23/Nov 24]	

[K] CONFERENCE/SEMINAR/WORKSHOP/EXHIBITION/PRESENTATION

1. *Workshop on Introduction to Electron Microscopy for Material Sciences* from 22-24January 2002 in Universiti Putra Malaysia, Selangor, Malaysia.
2. *Seminar on update on microscopy and microanalysis* from 7-8 May 2002 in UniversitiPutra Malaysia, Selangor, Malaysia.
3. *Seminar Sains 2007* on 4 August 2007 in Fakulti Sains, Universiti Putra Malaysia,Selangor, Malaysia.
4. *Pameran Reka Cipta, Penyelidikan dan Inovasi 2007* form 27-29 November2007 inUniversiti Putra Malaysia, Selangor, Malaysia.
5. *2nd International Conference for Young Chemists* from 18-20 June 2008 in UniversitiSains Malaysia, Penang, Malaysia.
6. *Pameran Reka Cipta, Penyelidikan dan Inovasi 2008* from 29-31 July 2008 in Universiti Putra Malaysia, Selangor, Malaysia.
7. *24th Regional Conference on Solid State Science & Technology 2008* from 30 Nov-2Dec 2008 in Tiara Beach Resort, Port Dickson, Negeri Sembilan, Malaysia.
8. *Seminar Tahunan Kelima Biasiswa Penyelidikan National Science Fellowship 2008* from 19-20 November2008 in Universiti Putra Malaysia, Selangor, Malaysia.
9. *Malaysia Technology Expo 2009* from 19-21 Feb, 2009 in Putra World Trade Centre,Kuala Lumpur, Malaysia.
10. *Fundamental Science Congress* from 17-18 June 2009 in Universiti Putra Malaysia,Selangor, Malaysia.
11. *Pameran Reka Cipta, Penyelidikan dan Inovasi 2009* on 28 July 2009 in UniversitiPutra Malaysia, Selangor, Malaysia.
12. *10th Asian Conference on Analytical Sciences (ASIANALYSIS X) 2009* from 11-13 August 2009, Putra World Trade Centre, Kuala Lumpur, Malaysia.
13. *Simposium Kimia Analisis Malaysia (SKAM) 22* from 11-13 August 2009, Putra World Trade Centre, Kuala Lumpur, Malaysia.
14. *Regional Symposium on Total Laboratory Management (QSEL) 4* from 11-13 August2009, Putra World Trade Centre, Kuala Lumpur, Malaysia.
15. FOSTEM Research Poster Presentation Open Day - 14th July 2014

16. Poster Presenter - Research & Innovation Fair 2015
17. Oral presenter - Research Open Day 2016
18. *EUREKA Innovation exhibition* from 16th -18th August 2016, Kulim Hi-Tech, Kedah.
19. *Tasik Chini Research center day Trip* -1st December 2016
20. Taklimat Permohonan HICoE on 20th March 2018, Putrajaya,
21. Speaker- Juggles between work and research (successful research output), 8th March, 2018, INTI International University, Malaysia.
22. Presenter -International Conference on Innovation and Technopreneurship 2019 on 7August 2019, Sama-Sama Hotel, Malaysia
23. Presenter - INTI 2nd Digital Academic Conference, 6th November 2019, INTI, Subang,Malaysia.
24. 35th Annual Congress of the Chemical Society of Ethiopia (CSE), 18th to 19th November2022, Addis Ababa, Ethiopia.
25. 11th European International Conference on Multidisciplinary Research, 26 November2023.

[L] BOOK

1. Ho Soon Min. (2017). Preparation and characterization of electrodeposited Cu_4SnS_4thin films. Ideal International E-Publication Pvt. Ltd. ISBN: 978-81-934005-0-0.

2. Ho Soon Min, Christo Ananth, Cheng Siong CHIN, P.Avirajamanjula. (2017). A Brief Outline of Technical Challenges In Wireless Technology. Rakuten Kobo Inc. Publishing.

3. Ho Soon Min. (2017). Chemical bath deposition of Crystalline Cu_4SnS_4 thin films.OMICS International eBooks. ISBN: 978-1-63278-006-5.

4. Ho Soon Min (2022) Activated carbon: Advances in research and application. B P International: India. **ISBN 978-93-5547-924-2 (eBook)DOI: 10.9734/bpi/mono/978-93-5547-923-5.**

[M] BOOK CHAPTER

1. Anuar Kassim, Tan WeeTee, Jelas Bin Haron, & Ho Soon Min. (2009). Optimized deposition and characterization of electrodeposited Cu_4SnS_4 thin film for solar cells. In Fundamental Science Congress (pp 219-220) Faculty of Science, University Putra Malaysia. ISBN 9789832519027.

2. Anuar Kassim, Tan Wee Tee, & Ho Soon Min. (2011). General Chemical Research. In Issues in chemistry and general chemical research (pp 1399). Scholarly Editions, Atlanta, Georgia. ISBN 978-1- 4649-6334-6.

3. Anuar Kassim, & Ho Soon Min (2012). Science and Engineering. In Issues in Engineering Research and Application: 2012 Edition (pp 171). Scholarly Editions, Atlanta, Georgia. ISBN 978-1-4816-4697-0.

4. Ho Soon Min (2017). Morphological studies of Ni_3Pb_2S2 thin films by means of scanning electron microscopy technique. In Advances in chemistry and chemical engineering (pp 39-46). Research India Publications. ISBN 978-81-935729-6-2.

5. Ho Soon Min (2017). Electro deposition of thin films in the presence of complexing agent: a review. In Advances in chemistry and chemical engineering (pp 99-107). Research India Publications. ISBN 978-81-935729-6-2.

6. Shagufta Kamal, Maryam Rehman, Saima Rehman, Zill-i-Huma Nazli, Nazia Yaqoob, Razia Noreen, Saiqa Ikram, & Ho Soon Min (2017). Blends of Algae With Natural Polymers. In Algae Based Polymers, Blends, and Composites: Chemistry, Biotechnology and Material Sciences (pp 371-413). Elsevier. ISBN 978-0-12-812360-7

7. Ho Soon Min (2017). Zeolites and their applications: review. In Zeolites: Synthesis, Characterisation & Practice (pp 1-7). Ideal International E-Publication Pvt Ltd. ISBN 978-93-86675-16-3.

8. Ho Soon Min (2017). A review of synthesis of carbon nanotubes. In Advances in the sciences & technology of carbon nanotubes (pp 1-13). Ideal International E-Publication Pvt Ltd. ISBN 978-93-86675- 22-4

9. Ho Soon Min (2017). Agricultural waste materials for activated carbon preparation: review. In Activated carbon: prepared from various precursors (pp 1-15). Ideal International E-Publication Pvt Ltd. ISBN 978-93-86675-07-1.

10. Ho Soon Min. (2017). Production of activated carbon for water treatment: review. In Waste Management and Utilization Techniques -International Edition (pp 1-15). International Research Publication House. ISBN 978-93-86138-88-0.

11. Ho Soon Min, Sumit Wagh, Abudukeremu Kadier , Irfan Ahmad Gondal, Nur Azha Putra Bin Abdul Azim, Mukesh Kumar Mishra. (2018). Renewable Energy Technologies. In Renewable Energy & Wastewater Treatment (pp 1-31). Ideal International E-Publication Pvt Ltd. ISBN 978-93-86675-44-6

12. Ho Soon Min, Mohammad Junaebur Rashid, K. Mohanraj. (2018). Review of chalcogenide based thin film solar cells. In Renewable Energy & Wastewater Treatment (pp 32-44). Ideal International E-Publication Pvt Ltd. ISBN: 978-93-86675-44-6

13. Ho Soon Min, Kushal Qanungo, & Rabia Nazir (2018). Removal of heavy metals from waste water using alumina and fly ash: review. In Renewable Energy & Wastewater Treatment (pp 65-87). Ideal International E-Publication Pvt Ltd. ISBN: 978-93-86675-44-6.

14. Ho Soon Min (2018). Bamboo-based activated carbon: a review. In Current progress in Materials Science: Research and Development (pp 12-22). ASRPC. ISBN 978-0-6480677-2-6.

15. Ho Soonmin, Sumit Wagh, & Abudukeremu Kadier (2018). Sources of clean energy: Solar and Hydropower energy. In Renewable Energy Sources & Environment Protection (pp 9-23). International Research Publication House. ISBN 978-93-87388-19-2

16. Ho Soon Min & Mohammad Junaebur Rashid (2018). A Review of Thin Film Chalcogenide Photovoltaic Materials. In Renewable Energy Sources & Environment Protection (pp 79-91). International Research Publication House. ISBN 978-93-87388-19-2

17. Ho Soon Min (2018). Carbon Nanotube Wires and Cables: review. In Current progress in Materials Science: Research and Development (pp 1-11). ASRPC. ISBN 978-0-6480677-2-6.

18. Ho Soon Min, K. Mohanraj, Mohd Hafiz Dzarian Othman, & Mohd Ridhwan Adam (2018). Raman spectroscopy study of thin films: a review. In Metal chalcogenide thin films: deposition and characterization (pp 1-11). Albert Science International Organization. ISBN 978-81-939231-1-5.

19. Ho Soon Min (2018). A review of metal oxide based thin films. In Metal chalcogenide thin films: deposition and characterization (pp 74-85). Albert Science International Organization. ISBN 978-81-939231-1-5

20. Ho Soon Min (2018). A short review of the investigations of thin films deposited on different substrates. In Current progress in Materials Science: Research and Development (pp 37-51). ASRPC. ISBN 978-0-6480677-2-6.

21. Ho Soon Min, Saiful Izwan Abd Razak, Mannava Venkata Nagalakshmi, and Dilip Hiradram Lataye (2018). Activated Carbon from Various Agricultural Wastes. In Current Progress in Applied Materials Science (pp 161-178). University Technology Malaysia. ISBN 978-983-52-1580-3

22. Ho Soonmin, Abudukeremu Kadier, Irfan Ahmad Gondal (2018). Renewable energy technologies: A survey. In Current progress in Materials Science: Research and Development (pp 23-36). ASRPC. ISBN 978-0-6480677-2-6.

23. Ho Soon Min (2019). Properties of thin films deposited on different substrates: a review. In Metal chalcogenide nanostructures: characteristics and synthesis (pp 53-64). OMICS. ISBN: 978-1-63278-029-4

24. Ho Soon Min (2019). Physical and optical properties of Cu_4SnS_4 nanostructured thin films. In Metal chalcogenide nanostructures: characteristics and synthesis (pp 99-112). OMICS. ISBN: 978-1-63278-029-4

25. Ho Soon Min (2019). Review on chemical bath deposited nanostructured thin films in the presence of complexing agent. In Thomas George, Theory and applications of chemistry, Volume 1 (pp 30-39). Book Publisher International. ISBN: 978-93-89246-22-3.

26. Ho Soon Min (2019). Cu_4SnS_4 thin films: Advances in research. In Syed Rizvi, Theory and Applications of Chemistry, Volume 2 (p 36-47). Book Publisher International. ISBN: 978-93-89246- 52-0.

27. Ho Soon Min (2019). Nanostructure thin films prepared by using PLD and SILAR method. In Sebahattin Tuzemen and Fahmida Khan, Advances in Applied Science and Technology, Vol. 3 (pp 145-159). Book Publisher International. ISBN: 978-93-89246-54-4.

28. Ho Soon Min (2019). Study on Activated Carbon Prepared from Various Fruit Peels. In Thomas George, Theory and applications of chemistry, Volume 1 (pp 1-15). Book Publisher International. ISBN: 978-93-89246-22-3.

29. Ho Soon Min (2019). Dye Sensitized Solar Cells: Advances in Research and Development. In Anuj Kumar Goel, New Advances in Materials Science and Engineering Vol. 1 (pp 109-124). Book Publisher International. ISBN: 978-93-89246-26-1.

30. Ho Soon Min (2019). A Short Review on the Synthesis of Electrodeposited Thin Films. In Anuj Kumar Goel, New Advances in Materials Science and Engineering Vol. 1 (pp 91-108). Book Publisher International. ISBN: 978-93-89246-26-1.

31. Auni Afiqah Kamaru, Nik Ahmad Nizam Nik Malek, Ho Soon Min, and Nor Suriani Sani (2020). Surfactant Modified Crop Wastes as Adsorbents for Dyes and Heavy Metals. In Mohd Hafiz Puteh & Noorul Hudai Abdullah, Issues and technology in water contaminants (pp 49-68). Penerbit UTM Press. ISBN 978-983-52-1691-6.

32. Ho Soon Min, Debabrata Saha, J.M. Kalita, M.P. Sarma, Ayan Mukherjee, Benjamin Ezekoye, Veronica A. Ezekoye, Ashok Kumar Sharma, Manesh A. Yewale, Ayaz Baayramov, Trilok Kumar Pathak (2020). Nanostructure Thin Films: Synthesis and Different Applications. In Vineet Kumar, Praveen Guleria, Nandita Dasgupta, Shivendu Ranhan, Functionalized Nanomaterials I: Fabrications (pp 1-10). CRC Press. https://doi.org/10.1201/9781351021623

33. Ho Soon Min (2020) Current Progress in Applied Materials Research: Thin film, carbon nanotube and activated carbon. In Mohd Rafatullah, Recent Advances in Science and Technology Research Vol. 6(pp 1-20). Book Publisher International. https://doi.org/10.9734/bpi/rastr/v6.

34. Ho Soon Min, Hegde SS, Oeba D (2021), Chalcogenides based nano materials for solar cells and dye sensitized solar cells. In M. Khan, Chalcogenide based nanomaterials as photocatalysts: A volume in micro and nano technologies, (pp. 185-218). ISBN: 978-0-12-820498-6, Elsevier.

35. Ho Soon Min (2021). Characterization techniques for metal chalcogenide thin films: review. In Jaffu Othniel Chilongola, Current Advances in Chemistry and Biochemistry Vol. 1 (pp 106-125). ISBN: 978-93-90516-18-6. BP International: India.

36. Ho Soon Min (2021). Research on Activated Carbon and Thin Films: Synthesis and Applications. In Ion, C., Muawya, A., & Ho, S.M., Recent Research and Innovation: an integrated approach. Vol. 1.(pp. 77-121). ISBN: 978-93-90818-36-5. Bharti Publications: India.

37. Ho Soonmin, Immanuel Paulraj, Mohanraj Kumar, Rakesh K. Sonker and Pronoy Nandi (2022) Recent Developments on the Properties of Chalcogenide Thin Films. In Dhanasekaran Vikraman, Chalcogens, IntechOpen. DOI: 10.5772/intechopen.102429.

38. Ho Soon Min (2022) Metal Oxide Thin Films Used as Solar Absorbers: Review. In Progress inChemical Science Research. Volume 1. DOI: 10.9734/bpi/pcsr/v1/3602E. ISBN: 978-93-5547-291-5. BP International: India. [pp 1-15]

39. Ho Soon Min (2022) The Influence of pH on the Properties of SILAR Deposited Cobalt Selenide Films. In Research Aspects in chemical and materials sciences. Vol 4.https://doi.org/10.9734/bpi/racms/v4/8027F. BP International: India [pp 71-82]

40. Ho Soon Min (2022) Metal Telluride Thin Films: Advances in Research and Development. In *Research Aspects in Chemical and Materials Sciences Vol. 4*, BP International: India [Page122-135]. https://doi.org/10.9734/bpi/racms/v4/4392E.

41. Ho Soon Min (2022) Atomic force microscopy characterization of thin films: a review. In ***New Frontiers in Physical Science Research Vol. 5***. B P International: India. DOI: 10.9734/bpi/nfpsr/v5/4574E. pp 165-177.

42. Ho Soon Min (2022) Investigation of optical properties of thin films by means of UV-visible spectrophotometer: a review. In New Frontiers in Physical Science Research, Volume 5. B P International: India. https://doi.org/10.9734/bpi/nfpsr/v5/4498E. Page 66-82.

43. Ho Soon Min (2022) Applications of transmission electron microscopy technique to thin film studies: review. In New Frontiers in Physical Science Research, volume 5. B P International: India. https://doi.org/10.9734/bpi/nfpsr/v5/4452E. Page 53-65.

44. Ho Soon Min (2022) Thin Film Studies by Energy Dispersive X-Ray Analysis Technique: Review. In New Frontiers in Physical Science Research, Volume 5. B P International: India. https://doi.org/10.9734/bpi/nfpsr/v5/4425E. Page 18-32.

45. Ho Soon Min (2022). Scanning Electron Microscopy Analysis of Thin Films: A Review. *Research Aspects in Chemical and Materials Sciences Vol. 5.* DOI: 10.9734/bpi/racms/v5/4419E. pp: 16-28.

[N] RESEARCH AWARDS

No.	Description	Year
1.	Invention, Research and innovation exhibition (PRPI) UPM 2002 (Gold Award)	2002
2.	Invention, Research and innovation exhibition (PRPI) UPM 2006 (Bronze award)	2006
3.	Invention, Research and innovation exhibition (PRPI) UPM 2007 (Bronze award)	2007
4.	Invention, Research and innovation exhibition (PRPI) UPM 2008 (Silver award)	2008
5.	Malaysia Technology Expo, PWTC 19-21 Feb 2009 (Bronze award)	2009
6.	2015 Research award - Most Promising Young Researcher in INTI IU	2015
7.	Young Scientist Award in 2nd National Conference on Fundamental and Applied Chemistry 2016, INDIA	2016
8.	Outstanding Scientist Award in Venus International Research Awards-VIRA 2016	2016
9.	IRTD - Best Researcher Scholar Award, Nepal, 2017	2017
10.	Award for excellence in Research-EET CRS 5th Academic Achievement awards, India, 2017	2017
11.	RULA Award: International best researcher in green chemistry, 15 August 2019, India	2019
12.	Best Paper in Science and Technology Entitled Optimization of deposition conditions of chemical bath deposited $Ni_3Pb_2S_2$ thin films. 2nd International Conference on Innovation and Technopreneurship (ICIT2019) Sama-Sama Hotel, KLIA on 7th August 2019.	2019
13.	Vedant Academics Bangkok Awards-2019 for best Researcher in Environment Science, Kasetsart University, Bangkok Thailand [5 May 2019].	2019
14.	4th Edition of WORLD TOP SCIENTISTS AWARDS-Excellent in Research Award	2023
15.	The World Class Researcher Award, 2023	2023
16.	ECS IOP trusted reviewer award, NOV 2023	2023
17.	Universal Outstanding Achievement Award	2023

[O] JOURNAL REVIEWER

25 papers have been reviewed in 2011
23 papers have been reviewed in 2012
36 papers have been reviewed in 2013
44 papers have been reviewed in 2014
53 papers have been reviewed in 2015
60 papers have been reviewed in 2016
43 papers have been reviewed in 2017

59 papers have been reviewed in 2018
131 papers have been reviewed in
2019127 papers have been reviewed
in 2020129 papers have been
reviewed in 2021152 papers have
been reviewed in 2022247 papers
have been reviewed in 2023

[P] Trainer
Training topic: Publication strategics for researchers: from manuscript to journal [16thOctober 2023]
Training topic: How to publish a research paper in Scopus indexed journals [26th October2023]

[Q] Keynote speaker
2023 International Conference on Nanotechnology and Multifunctional Structures, 28th-29th December, 2023, Wuhan, China.

[R] Book editor
New Innovations in Chemistry and Biochemistry, Vol. 7, BP International, India (2022). 978-93-5547-478-0 (eBook).

Novel Aspects on Chemistry and Biochemistry, Vol. 2, BP International, India (2023). ISBN 978-81-19217-89-2 (eBook), DOI: 10.9734/bpi/nacb/v2.

Novel Aspects on Chemistry and Biochemistry, Vol. 6, BP International, India (2023), ISBN 978-81-19491-87-2 (eBook), DOI: 10.9734/bpi/nacb/v6.

Current Topics and Emerging Issues in Materials Sciences Vol. 1, BP International, India (2023).ISBN 978-81-19217-35-9 (eBook) DOI: 10.9734/bpi/cteims/v1.

Current Innovations in Chemical and Materials Sciences Vol.4. BP International, India

PART II: TEACHING AND LEARNING RESPONSIBILITIES

[A] TEACHING RELATED TASKS

No.	Description	Year
1.	Chief paper examination for CHM 152, CHM 154, CHM 2252	2010
2.	Exam paper moderator for CHM 153, CHM 2251	2010
3.	Chief paper examiner for PCH 1103	2011
4.	Chief paper examiner for CHM 152	2011
5.	Revisions of lab manual of CHM 107, CHM 151, CHM 152, CHM 153, CHM 154, CHM 2251, CHM 2252	2011-present
6.	COPPA documents	2010-present
7.	Chief paper examiner for CHM 107, CHM 154, CHM 2252	2011-present
8.	Updated Instructor's Guide for CHM 107, CHM 151, CHM 152, CHM 153, CHM 154, CHM 2251, CHM 2252	2011-present
9.	Updated course structure for CHM 107, CHM 151, CHM 152, CHM 2251, CHM 2252, CHM 153, CHM 154	2011 – present
10.	Exam paper moderator for CHM 151, CHM 152	2012
11.	Exam paper moderator for CHM 152, CHM 153, CHM 2251	2013
12.	Chief paper examiner for CHM 151	2013-present
13.	Exam paper moderator for CHM 1203	2015-present
14.	Exam paper moderator for CHM 1204	2015-present
15.	Exam paper moderator for CHM 1203, CHM 1204, CHM 141	2016-present
16.	Review course works for CHM 2252, CHM 154	2013-present
17.	Review course works for CHM 152	2013-present
18.	Moderator for CHM 211	2015-present

[B] NON-TEACHING RELATED WORK

No.	Description	Year
1.	Attend Academic Award Presentation	2010 – present
2.	Attend Graduation Ceremony	2010 – present
3.	Attend faculty level meeting	2010 – present
4.	Town Hall Meeting	2011-present
5.	Academy staff meeting	2010-present
6.	Academy procession	2011-present
7.	Briefing - Peer Assisted Study Session (PASS)	2011
8.	Turnitin Briefing	2011
9.	Public professional lecture by Prof. Dr. Terry Halpin	2012
10.	Programme meeting – DSCAUI/BBTEI/AUP	2011-present
11.	Briefing – coursework specification, table of specification and instructor guide	2012
12.	Science sharing sessions	2012
13.	Subject expert group meeting	2010-present
14.	University Research committee meeting	2014-present
15.	Sharing session on "Innovation in teaching – sketchnotes"	2013

16.	Invigilator	2010-present
17.	Roundtable Discussion on INTI 3I	2013
18.	Program briefing (for marketing purpose)	2012-present
19.	Pre-board of examiner meeting for BBTEI/DSCAUI/AUP	2010-present
20.	BBTEI/DSCAUI Subject examination board meeting	2010-2013
21.	Mathematic division meeting	2014 -present
22.	New employee handbook briefing	2014
23.	CNY celebration activity	2014
24.	Faculty meeting	2014 - present
25.	Success factor – year-end review - 2014	2014
26.	AUP faculty meeting	2013-present
27.	EES meeting	2014 – present
28.	Extended leadership team –weekly tea break	2014
29.	Academic evaluation/recommendation letter for my student	2012-present
30.	Semester kick-off session	2014
31.	AUP pre-board meeting	2013-present
32.	KPI meeting	2014-present
33.	Attended AUP programme review	2014-present
34.	AUP exam pre-board meeting	2016-present
35.	AUP exam board meeting	2016-present
36.	AUP Academy appeal meeting	2016-2017
37.	Mentor mentee program activity	2012-2017
38.	CoE meeting	2015-present
39.	Lunch gather -AUP	2017
40.	E-learning champion meeting	2017
41.	GLLM & Maestro Briefing (CAE)	2017
42.	CAE Hari raya (AUP)	2017

[C] CONFERENCE/WORKSHOP/SEMINAR

No.	Title	Year
1.	Workshop on setting examination question using the table of specification, INTI International University, Nilai.	2010
2.	Seminar on SAS Academy Program	2011
3.	Workshop on PBL (Life Sciences Division)	2011
4.	INTI Purpose Journey Workshop	2014
5.	Student Centred Assessment Strategy	2014
6.	EBSCO host research databases workshop	2014
7.	Rubric Development workshop	2014
8.	INTI ACADEMIC CONFERENCE 2015	2015
9.	Presenter in sharing session	2014, 2015, 2016
10.	BB Course Analytics Workshop	2016

[D] TRAINING ACTIVITIES

No.	Title	Year
1.	INTI Academy skills training	2010
2.	TCMS training	2010
3.	Training – Classroom skills	2011
4.	Training – Student centred learning	2011
5.	Training – Instructional Technologies and media	2011
6.	Training – student centred assessment	2011
7.	Academic staff training –understanding learning outcomes to improve learning & teaching	2012
8.	Training – code of conduct and ethics and key new policies	2012
9.	Training – customer service interaction skills	2012
10.	Training – blended learning workshop	2012
11.	Training – INTI Academic skills Training	2012
12.	Training – Implementation of Blackboard	2013
13.	Training – Bloom's Taxonomy-Exam Questions	2013
14.	Laureate Faculty Development Program – Laureate Faculty in the XXI Century	2013
15.	Laureate Faculty Development Program – Collaborative Learning	2013
16.	Laureate Faculty Development Program – problem based learning	2013
17.	Laureate Faculty Development Program – Case study methodology	2014
18.	Laureate Faculty Development Program – Project based Learning	2014
19.	Laureate Faculty Development Program – Competencies based Learning	2014
20.	Laureate Faculty Development Program – Orientation for success in Teaching and Learning	2014
21.	Laureate Faculty Development Program – Student centered teaching	2014
22.	Laureate Faculty Development Program – Introduction to online, hybrid and blended education	2014
23.	Obtained ebadge TR0012 - creating interactive learning objects using raptivity	2014
24.	Obtained ebadge- BC 00017 - create and manage activities using collaboration tools on blackboard	2014
25.	Obtained ebadge - BA 0020 - create and manage activities using assessment tools on blackboard	2014
26.	Obtained ebadge -BP 006 -performance management	2014
27.	Obtained ebagde -TP 005 - Power your point	2014
28.	Obtained ebagde - TM 007 -concept mapping	2014
29.	Laureate Faculty Development Program – Assessment tools	2015
30.	Laureate Faculty Development Program – Teaching tools	2015
31.	Laureate Faculty Development Program – Online engagement and feedback	2015
32.	Laureate Faculty Development Program – Using the LMS	2015
33.	Laureate Faculty Development Program – Teaching and learning strategies 1	2015
34.	Laureate Faculty Development Program – Practicum – Teach a Course	2015
35.	Designing a blended course	2015
36.	Grading & Feedback on Blackboard	2015

37.	Using ipad in your classroom	2015
38.	Laureate faculty development Program – Andragogical Assessment	2015
39.	TLC training on OBE, table of specifications & Student learning time	2015
40.	Laureate Faculty Development Program-Teaching and learning strategies 2	2015
41.	Laureate Faculty Development Program-Leadership and classroom management	2015
42.	Laureate Faculty Development Program – Transition to the online classroom	2015
43.	Laureate Faculty Development Program – Technology tools	2015
44.	Laureate Faculty Development Program – content design	2016
45.	Managing Groups and Group Work	2016
46.	Managing online discussion	2016
47.	Training - Security Awareness Training Program	2016
48.	Training - Avoiding bribery and corruption : a global overview	2016
49.	Training - Code of conduct ethics	2016
50.	Laureate Faculty Development Program - Online Trends and Advanced Tools	2016
51.	Workshop – BB Course Analytics	2016
52.	Security Awareness Training Program-Email	2017
53.	Security Awareness Training Program-Security Essentials	2017
54.	Security Awareness Training Program -Security Password Security	2017
55.	One Folio Training	2017
56.	Training - generation z: our current students	2017
57.	A4L Retention Risk Score	2017
58.	Training - anti-phishing phil	2017
59.	Training - Protecting against ransomware	2017
60.	Training - anti-corruption and bribery: global anti-corruption	2017
61.	Training - URL training	2017
	Training –Understanding course analytics reports	2017
62.	Webinar – Understanding instructor activity and course design reports	2018
63.	Webinar – Using capture Space in Kaltura to record your screen	2018
64.	Webinar – Create and manage assessment on blackboard using assignment and assessment with SafeAssign	2018
65.	Webinar – Create automated eBadges & eCertificates on Blackboard based on Student Achievement	2018
66.	Webinar-using course analytic report for timely intervention	2018
67.	Webinar – understanding retention risk score report (predictive modeling) and student intervention log	2018
68.	Webinar –understanding the full grade center	2018
69.	Webinar –create and manage assessment on Blackboard using test and survey	2018
70.	How to use interactive projector in the lecturer theatres and halls	2018
71.	Webinar - Create and Manage Collaborative Activities on Blackboard using Blog	2018
72.	Webinar - Creating Groups on Blackboard	2018
73.	Webinar - Creating Rubrics for Online Assessment on Blackboard	2018
74.	OBE Training	2018

PART III: ADMINISTRATIVE DUTIES

[A] CONTRIBUTION TO STUDENT ACTIVITIES

No.	Description	Year
1.	Mentor-mentee programme	2011-present
2.	Donation for Vivekananda Home Rembau "In support of WWF" organized by 16th INTIMA	2012
3.	Rendering service visit marathon 2013 – THE COIN	2013
4.	International Chess Tournament , 8th June 2016	2016
5.	Ramadhan Charity Event-Taman Semarak 2 , Nilai, 27 June 2016	2016
6.	Mentor Mentee Programme –AUP	2017, 2018
7.	Mentor mentee programme – Foundation programe	2017
8.	Donation – WWF Malaysia	2018
9.	Donation –UNICEF Malaysia	2018

[B] CONTRIBUTION TO CAMPUS ACTIVITIES

No.	Description	Year
1.	University day	2011
2.	INTI Sports Carnival	2012
3.	Chinese High tea	2012
4.	Integration of the 3I into the course structures and implementation in classroom	2013-present
5.	Use of Blackboard for assessment	2013-present
6.	INTI Edge-Individualisation- Personalized learning – reflective reports in journals, blogs	2013-present
7.	INTI Edge – innovation – various components on Blackboard have been used. For instance: Assignment, grade centre, course structure, links to youtube, email, announcement, raptivity.	2013-present
8.	INTI Edge – International – International student – discussion activity in classroom	2013-present
9.	Conduct research seminar in INTI IU	2015
10.	Attend the Centre of Excellent meeting	2015
11.	Conduct the Centre of Excellent Open Day	2015
12.	Employee Appreciation Day , 31 May 2016	2016
13.	E-learning Champion meeting	2017
	Speaker in sharing session (AUP)	2017
14.	Donation Drive – Taman Sinar Harapan, Tuanku Ampuan Najihah, Seremban, 20 July 2018	2018
15.	I-studio (video creation) - AUP	2018
16.	Presenter - INTI 1st Digital Academic Conference 2018	2018

PART IV: CONTRIBUTION TO MARKETING AND PROMOTIONAL ACTIVITIES

No.	Description	Year
1.	Orchid Culture Project March 2013	2013
2.	Marketing activity which is organized by Mechanical division	2014
3.	Malaysian Yong Inventors competition	2014
4.	Science Discover Day	2015
5.	Biotech marketing material	2015
6.	To attend Educational Fair (FACON), 12 Mar 2016	2016
7.	INTI Open day 31th July 2016	2016
8.	Academician for counseling & Ushers for JPA talk -14 may 2016	2016
9.	INTI Open Day, 7th August 2016	2016
10.	Stamford International University, Bangkok –research trip in Malaysia, 16th & 17th June 2016	2016
11.	Visit UKM ,UPM , 17th June 2016	2016
12.	Info day on 22 April 2017	2017
13.	Open Day 11 March 2017	2017
14.	Intake enrollment	2017
15.	Duty as counsellors for May Enrolment	2018

PART V: ACHIEVEMENTS/ ACADEMIC RECOGNITION AND LEADERSHIP

No.	Description	Year
1.	Inventions Exhibition, Innovation and Research 2002 (Gold Award)	2002
2.	Inventions Exhibition, Innovation and Research 2006 (Bronze award)	2006
3.	Inventions Exhibition, Innovation and Research 2007 (Bronze award)	2007
4.	Inventions Exhibition, Innovation and Research 2008 (Silver award)	2008
5.	Malaysia Technology Expo , PWTC 19-21 Feb 2009 (Bronze award)	2009
6.	Obtained ebadge TR0012 - creating interactive learning objects using raptivity	2014
7.	Obtained ebadge- BC 00017 - create and manage activities using collaboration tools on blackboard	2014
8.	Obtained ebadge - BA 0020 - create and manage activities using assessment tools on blackboard	2014
9.	Obtained ebadge -BP 006 -performance management	2014
10.	Obtained ebagde -TP 005 - Power your point	2014
11.	Obtained ebagde - TM 007 -concept mapping	2014
12.	University Promotion – job grade	2014 February 2014
13.	Group leader – Research Grant	2015-present
14.	Organizing Committee –Green Chemistry 2014 Philadelphia, USA	2014
15.	Excellent reviewer in Materials Science in Semiconductor Processing	2014, 2015

16.	University Promotion - Assoc Prof	2015
17.	University Research committee member	2014-2017
18.	Obtained three research grants in INTI IU	2011-present
19.	Moderator for the AUP Programme	2015
20.	Invited as editor in many international refereed journal	2010 – present
21.	Appointed as lead guest editor to organize special issue in international refereed journal	2014-2015
22.	Head - CENTRE FOR GREEN CHEMISTRY AND APPLIED CHEMISTRY	2015-present
23.	Library committee member	2015-present
24.	Moderation committee member	2016
25.	Teaching Innovation Award (Winner) by INTI IU	2015
26.	Appointed as international examiner (thesis examination)	2015-present
27.	2015 Research award - Most Promising Young Researcher in INTI IU	2015
28.	DR HO was selected for the Young Scientist Award in 2nd National Conference on Fundamental and Applied Chemistry 2016, INDIA	2016
29.	AUP Curiculum Review committee	2016, 2017
30.	INTI S.T.A.R.S. value award	2016
31.	International referee –DR ABBAS KHAN (Abdul Wali Khan University Mardan, Pakistan)	2017
32.	Chief-in-editor, Meta Research Journal of Waste Water Treatment and Green Chemistry	2017, 2018
33.	Chief-in-editor, Meta Research Journal of Applied Chemistry Research	2017, 2018
34.	Chief-in-editor, International Journal of Advanced Pharmaceutical Sciences	2018
35.	Teaching Innovation Award 2.0 –Winner – (Jan to June 2018)	2018
36.	Obtained e-badge : WCC 2018-0029	2018
37.	Obtained e-badge : WCR 2018-0064	2018
38.	Obtained e-badge : WAF 2018 - 0011	2018
39.	Obtained e-badge: WAL 2018-0085	2018
40.	Obtained e-badge: WBP 2018- 0042	2018
41.	Obtained e-badge: WEK 2018 -0057	2018
42.	Obtained e-badge: WAI 2018 - 0059	2018
43.	Obtained e-badge: WAA 2018-0120	2018
44.	Certificate of Reviewing – Data in Brief	2018
45.	Certificate of Reviewing – Vacuum	2018
46.	Producing Best Paper in Science and Technology, ICIT	2019