

1. Details of the Teacher/ Academic :

Name:	Prof.K.Tamil Mannan
Date of Birth	17/04/1971
Date of Joining in IGNOU:	16/09/2008
Current Designation :	Professor, Mechanical Engineering
Pay Scale as on date :	144200-218200 (Level 14)
Highest Educational Qualifications & Discipline :	Ph.D (Mechanical Engineering)

2. Honour/Award/Fellowship/membership of Professional body/ Statutory body (internal/ external) received by the Teacher/ Academic:

Name of the recipient	Honour /Award/ Fellowship name/ membership of Professional body/ Statutory body	Agency name /Name of statutory body/ institution/ Apex body	Period
K.Tamil Mannan	Creative Innovation Award	Econs Education Submit and Award 2016, ECONS, New Delhi	23 April 2016
K.Tamil Mannan	Best Research Paper Award	International Conference on ICECME 2016, Singapore.	11-12, May 2016
K.Tamil Mannan	“Best Entrepreneurship Cell Coordinator Award”	Sustainable Institute Industry Partnership (SIIP - 2016)– Individual Award, Society for Educational & Entrepreneurship Development (SEED), Chennai	21-22, July 2016
K.Tamil Mannan	“Best Skill Development Cell Coordinator Award”	6 th National Submit on Education, Employability, Employment and Entrepreneurship. Society for Educational & Entrepreneurship Development (SEED), Chennai.	20-21, September 2017
K.Tamil Mannan	Best Research Supervisor National Award	IRDP 2020 , IRDP Group of Journals , Chennai	23, February 2020

K.Tamil Mannan	Life Member, [LM-29730]	Indian Society for Technical Education, New Delhi	Life Period
K.Tamil Mannan	Life Member, [LM-120]	Association of Mechanics and Machines	Life Period
K.Tamil Mannan	Life Member, [LM-164541]	International Association of Engineers	Life Period
K.Tamil Mannan	Life Member, [LT-542]	Centre for Education Growth and Research	Life Period
K.Tamil Mannan	Life Member, [PM034]	Integrated Chambers of Commerce and Industry	Life Period
K.Tamil Mannan	LIFE Member ship	Indian Science and Technology Association	Life Period
K.Tamil Mannan	LIFE Membership	Solar Energy Society of India (SESI)	Life Period
K.Tamil Mannan	Member	Board of School Council, School of Engineering and Technology, Indira Gandhi National Open University, New Delhi- 110 068	2012-2014 & 2021 – Till Date
K.Tamil Mannan	Member	Course Design Committee, Nanoscience, School of Science Indira Gandhi National Open University, New Delhi-	2011
K.Tamil Mannan	Member	Interview Board , Staff Selection Commission, CGO Complex, Lodhi Road, New Delhi-110 003	2012 - 2014
K.Tamil Mannan	Member	Constitution of Doctoral Committee, Anna University, Tamil	2012 – Till Date

		Nadu	
K.Tamil Mannan	Member	Accreditation Evaluation Committee, National Board of Accreditation, New Delhi-110 003	2013

3. Books/Book Chapter:

- Co-author/co-editor if any, title, place of publication, publisher, Year, page (no) s, ISBN No

SNo.	Name of Author1/ Editor 1, & Co- author (s) / Co- editor (s) (if any)	Title of chapter/book	Place of publication	Publisher	Year	Total Pages	ISBN No.
01	K Tamil Mannan A	CAD/CAM (Diploma in Mechanical Engineering) BME-063	New Delhi	IGNOU	2012	120	The Softcopy Uploaded in the IGNOU website.
02	K Tamil Mannan	CNC Machines (Diploma in Mechanical Engineering) BME-057	New Delhi	IGNOU	2012	100	The Softcopy Uploaded in the IGNOU website.
03	K TAMIL MANNAN AUTHOR 1 & EDITOR 1	Nanotechnology in Energy and Environment MRWE-001 M.Sc Renewable Energy	New Delhi	IGNOU	2023	403 Pages for Editor	ISBN: 978-93-5568-952-8
04	K TAMIL MANNAN EDITOR-1	Industrial Safety: Rules and Acts MIS-022 PG Diploma / M.Sc in Industrial Safety	New Delhi	IGNOU	2023	403 Pages for Editor	ISBN: 978-93-5568-278-9
05	K TAMIL	Safety in Various	New	IGNOU	2024	94	Under Printing

	MANNAN AUTHOR 1 & EDITOR 1	Industrial Sectors BLOCK 1 MIS-035 (Safety in Mechanical and Automobile Engineering) M.Sc in Industrial Safety	Delhi			Pages for Author & 376 Pages for Editor	
06	K TAMIL MANNAN EDITOR 1	Risk Assessment and Vulnerability Analysis MIS -032 M.Sc in Industrial Safety	New Delhi	IGNOU	2024	394 Pages for Editor	Under Printing
07	K TAMIL MANNAN EDITOR-1	Fire Safety MIS-031 M.Sc in Industrial Safety	New Delhi	IGNOU	2024	385 Pages for Editor	Under Printing

4. Research Articles/Publications:

SNo.	Author/ Co-author (if any)	Title	Name of Journal	Volume	page no. (s)	Year	ISSN No
1.	K.Tamil Mannan ¹ , Rakesh Saxena ² Murugavel R ³ P.L.Sah ⁴	Coupled Field Analysis of Pressure Vessel Furnace Tube Reducer Using Finite Element Method.	International Journal of Design and Manufacturing,	Volume 3-	8-11	2009	(ISSN 0973- 9106).
2.	K.Tamil Mannan ¹ , Rakesh Saxena ²	Stress Analysis of Conical Shell Skirt Support for the High Pressure Vessel Using	International Journal of Multi discipline Modeling in Materials and	Volume 5	355- 362,	2009	ISSN No.157 3-6105,

	Murugavel R3 P.L.Sah ⁴	FEM.	Structures (MMMS).				
3.	<i>Siva Prasad Arikatla, Arkanti Krishnaiah & K.Tamil Mannan</i>	Optimization of Electric Discharge Machining Response Variables Using Design of Experiments	International Journal of Mechanical and Production Engineering. Page No: (IJMPE)	Volume 2	82- 87,	2013	ISSN No: 2315- 4489,
4.	<i>Siva Prasad Arikatla, Arkanti Krishnaiah & K.Tamil Mannan</i>	Surface Characterization of Electric Discharge Machined Surface of High Speed Steel	International Journal of Advanced Materials Manufacturing and Characterization. (IJAMMC): No:161-166	Volume 3	161- 168	2013	ISSN No: 2277- 3886, Page No
5.	<i>Siva Prasad Arikatla, Arkanti Krishnaiah & K.Tamil Mannan</i>	“Investigations on Surface Characterization of Wire Electric Discharge Machined Surface of Titanium Alloy”	International Journal of Engineering Research and Technology, IJERT,	Volume 6	563- 570	2013	ISSN No.: 0974- 3154,
6.	<i>Siva Prasad Arikatla, Arkanti Krishnaiah & K.Tamil Mannan</i>	Analysis of White Layer and Heat Affected Layer in Electric Discharge Machined Surface of AISI T1 High Speed Steel”	International Journal of Composites Materials and Manufacturing, IJCMM.	Volume 1	01-07	2013	ISSN No. : 2249 – 4030,
7.	P.Mathiyalag an, P.Parthiban, K.Tamil Mannan	Performance Evaluation in Supply Chain Using Balanced Scorecard,	<i>International Journal of Advances in Mechanical & Automobile Engineering</i>	Volume- 1	04-10	2014	---
8.	K.Anand, Rishaba Shrivastav a, Barik, K.Tamil Mannan, P.Sathiya,	Artificial neural network modeling studies to predict the friction welding studies to predict the friction welding process parameters of Incoloy 800 H Joints ”,	An International Journal of Engineering Science, (ELSVIER)	Volume 18	394- 407	2015	---
9.	K.Anand, Rishaba Shrivastav	A Comparative Study of Artificial Neural Network	An International Journal of Acta. Metallurgica	Volume 28	892- 902	2015	---

	a, Barik, K.Tamil Mannan, P.Sathiya,	and Response Surface Methodology for Optimization of Friction Welding of Friction Welding of Incoloy 800 H”	Sinca, (Springer)				
10.	P.Mathiyalagan, P.Parthiban, K.Tamil Mannan	Appling fuzzy analytic hierarchy process to rank the influencing factors of blood bank supply chain	IOSRD an International Journal of Engineering	Volume - 2,	115-118	2015	---
11.	P.Mathiyalagan, P.Parthiban, K.Tamil Mannan	Use of TOPSIS Techniques for Selection of Best Alternatives of Blood Bank Supply Chain,	<i>International Journal of Applied Engineering Research,</i>	Volume-10	1287-1296	2015	---
12.	P.Mathiyalagan, P.Parthiban, K.Tamil Mannan	Applying Interpretive Structural Modeling (ISM) to rank the influencing factor of blood bank supply chain.	<i>International Journal of Applied Engineering Research</i>	Volume-10	1277-1286	2015	---
13.	Siva Prasad Arikatla, Arkanti Krishnaiah & K.Tamil Mannan	Experimental Investigations on Kerf width and Material Removal Rate in wire Electric Discharge Machining of titanium alloy.	International Journal of Engineering Research & Management Technology.	Volume 4	68-78	2015	ISSN 2278-9359,
14.	Siva Prasad Arikatla, Arkanti Krishnaiah & K.Tamil Mannan	“Influence of Servo Voltage and Dielectric Fluid Pressure in Wire Electrical Discharge Machining of Titanium Alloy.”	International Journal of Engineering Research & Management Technology.	Volume 2	68-78	2015	ISSN 2348-4039,
15.	Siva Prasad Arikatla, Arkanti Krishnaiah & K.Tamil Mannan	“Influence of Wire Feed Rate and Wire Tension in Wire Electrical Discharge Machining of Titanium Alloy.”	International Journal of Innovative Research in science, Engineering and Technology	Volume 1	274-281	2016	ISSN 2347-6710
16.	Siva Prasad Arikatla, Arkanti	Optimization of wire electrical discharge Machining	International Journal of Engineering Innovation &	Volume 5	122-127	2016	ISSN: 2277-5668

	Krishnaiah & K.Tamil Mannan	process parameters on kerf width in machining of titanium alloy using response surface methodology.	Research.(IJIER), .				
17.	Siva Prasad Arikatla, Arkanti Krishnaiah & K.Tamil Mannan	Optimization of Surface Roughness in Wire Electric Discharge Machining of Titanium Alloy	International Journal of Scientific & Engineering Research. (IJSER).	Volume 7	704-709	2016	ISSN 2229-5518
18.	Siva Prasad Arikatla, Arkanti Krishnaiah & K.Tamil Mannan	Parametric Optimization in Wire Electric Discharge Machining of Titanium Alloy Using Response Surface Methodology",	Elsevier Science Direct, Materials Today Proceedings	Volume 4	1431-1441	2017	---
19.	Siva Prasad Arikatla, Arkanti Krishnaiah & K.Tamil Mannan	Surface Integrity Characteristics in Wire Electric Discharge Machining of Titanium Alloy during Main Cut and Trim Cuts.",	Elsevier Science Direct , Materials Today Proceedings.4, (2017) Page no: 1500-1509, April 2017.	Volume 4	1500-1509	2017	---
20.	P.Mathiyalagan, P.Parthiban, K.Tamil Mannan,	Performance Evaluation in Supply Chain Using Balanced Scorecard,	<i>International Journal of Advances in Mechanical & Automobile Engineering.</i> ,	Volume 1	4-10	2014	---
21.	P.Mathiyalagan, P.Parthiban, K.Tamil Mannan,	"Appling fuzzy analytic hierarchy process to rank the influencing factors of blood bank supply chain." IOSRD	An International Journal of Engineering,	Volume 2	115-118	2015	---
22.	P.Mathiyalagan, P.Parthiban, K.Tamil Mannan,	Use of TOPSIS Techniques for Selection of Best Alternatives of Blood Bank Supply Chain	<i>International Journal of Applied Engineering Research.</i>	Volume 10	1287-1296	2015	---
23.	P.Mathiyalagan,	Applying Interpretive	<i>International Journal of Applied</i>	Volume 10	1277-1286	2015	---

	P.Parthiban, K.Tamil Mannan,	Structural Modeling (ISM) to rank the influencing factor of blood bank supply chain	<i>Engineering Research</i>				
24.	P.Mathiyalagan, P.Parthiban, K.Tamil Mannan,	Inventory Optimization: A Meta Heuristic Approach,	<i>International Journal of Advanced Research Methodology in Engineering & Technology,</i>	Volume 1	30-36	2016	---
25.	Nidhi Sharma, K.Tamil Mannan,	Conceptual Design Approach of Agricultural Air crafts	International Journal of Creative Research Thoughts (IJCRT)	Volume 1	122-133	2017	---
26.	P.Mathiyalagan, P.Parthiban, K.Tamil Mannan,	Performance Measurement of Service Applying Interpretive Structural Modeling (ISM) to rank the influencing factor Service Sectors with a special reference to Health Care Industries using ISM, Topsis and Fuzzy Topsis.	<i>International Journal of Advanced Research in Dynamical and Control Systems.</i>	Volume 1	1114-1129	2018	ISSN 1943-023X
27.	Raja Karthikeyan K, Tamil Mannan K, Socrates S, Kaliappan S, Pravin P Patil, Ramasamy N, Jeyaselvan V,	Experimental Investigation on the coconut fiber reinforced hybrid gear composites	Materials Today-Elsevier	Volume: 62	1252-1255.	2022	---
28.	K Tamil Mannan, V Sivaprakash, S Raja, Mohanraj Kulandasamy, Pravin P Patil, S Kaliyappan,	Significance of Si3N4/ Lime Powder addiction on the mechanical properties of natural Calotropis gigantea composites	Materials Today-Elsevier	Volume: 69	1355-1360	2022	----

29.	L.Natrayan, Raviteja Surakasi, M.S.Hevan Dani, Pravin P Patil, T.Manikandan, Tamil Mannan K , and Muse Degefe Chewaka,	Influence of SiO₂ Filler Addition on the Types I and II Shear Fracture Toughness of Hemp Fiber – Reinforced Epoxy Mixtures	Journal of Nanomaterials	Volume-	1-7	2023	----
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5. Policy Documents Reports/ Mimeo: NIL

SNo.	Title	Institution/ Agency	Year
1.			
2.			
3.			

6. MOOCs/ eSLMs/ eModules developed :

S No .	Author/ Co-author (if any)	Title	Cr ed i ts	Level	Host Portal: (SWAYAM/ NPTEL/ NMEICT/ ePG Pathshala / Any Other)	Year	Weblink
1	Coordinator	CAD/CAM	2	Diploma	SWAYAM	2020 – Till Date	https://onlinecourses.swayam2.ac.in/ou22_me04/preview

7. Presentation/Invited talk/Chair in National or International Seminar/Conference/ Workshops (Please do not mention if it is only participation without presentation)

SNo.	Author/ Co author (if any)	Title of presentation, /Talk/Lecture	Name Organizing institute	Conference	City	Date and Year
1	K Tamil Mannan	Nano Materials and Manufacturing	Indra Gandhi National Open University, New Delhi-	AICTE Sponsored Faculty Development	New Delhi	15, April 2013

			110 068	Programme on Finite Element Analysis		
2	K Tamil Mannan	Introduction to Finite Element Analysis and its Applications.	Dronacharya College of Engineering, Greater Noida U.P	TEQIP II Sponsored Faculty Development Programme on Automation in Manufacturing	Greater Noida	2 May 2015
3	K Tamil Mannan	Nano Materials, Manufacturing and Applications.	Delhi Technological University Delhi-110 042	URENG International Conference	Delhi	12 May 2015
4	K Tamil Mannan	Nano Materials, Manufacturing	Nanyang Technological University, Singapore	TEQIP II Sponsored Faculty Development Programme on Recent Developments in Material and Manufacturing Process.	Singapore	12 May 2016
5	K Tamil Mannan	Nano Materials & Applications.	Delhi Technological University Delhi-110 042	TEQIP III Sponsored Faculty Development Programme on Advances in Surface Engineering	Delhi	26 July 2016
6	K Tamil Mannan	Nano Materials, Manufacturing and Applications.	Delhi Technological University Delhi-110 042	Overseas Training Programme on "Developing TVET to meet Sustainable Development Goals"	Delhi	05 May 2018
7	K Tamil Mannan	Skill Development and Vocational Education through ODL in	National Institute of Technical Teacher Training	National E-Commerce on Mechanical and Mechatronics	Chennai	11, January

		IGNOU	Institute and Research, Chennai- 600005	and Automobile Engineering		2019
8	K Tamil Mannan	Nano Technolgy & Applications	Bharath University Chennai- 600073	AICTE Sponsored Faculty Development Programme on Finite Element Analysis	Chennai	25-26, May 2022
9	K Tamil Mannan	Technical Session Chair	Nanyang Technological University, Singapore	International Conference on Electronics, Computer and Manufacturing	Singapor	11-12, May, 2016
10	K Tamil Mannan	Technical Session Chair	Alagappa Chettiyar Govt. College of Engineering and Technology , Karaikudi	International Conference on Smart Design & Sustainable Manufacturing	Karaikudi	26-27 September 2016
11	K Tamil Mannan	Technical Session Chair	Society for Educational and Entrepreneurship Development IIT Madras, Chennai	6 th National Submit on Education, Employability , Employment and Entrepreneurship	Chennai	20-21, September 2017
12	K Tamil Mannan	Technical Session Chair	Delhi Technological University, Delhi	International Conference on 2 nd International Conference on Advanced Production and Industrial Engineering.	Delhi	6-7, October 2017
13	K Tamil Mannan	Technical Session Chair	North Cap University Gurgoan	International Conference on	Gurgoan	13-14,

				Emerging Trends in Mechanical & Industrial Engineering		October 2017
14	K Tamil Mannan	Technical Session Chair	Chennai Institute of Technology Chennai	3 rd International Conference on Advances in Manufacturing Technology	Chennai	22-23, June 2018
15	K Tamil Mannan	Technical Session Chair	Delhi Technological University, Delhi	International Conference on 3 rd International Conference on Advanced Production and Industrial Engineering.	Delhi	5-6, October 2018
16	K.Tamil Mannan	Experimental Study of Mechanical, Thermal, and Morphological Properties of Clay Nanocomposites.	University of Madras, Guindy campus, Chennai	International Conference on Nano science and Nanotechnology , 26-28, August, 2006	Chennai	26-28, August, 2006
17	K.Tamil Mannan	Investigation on Effect of Structural Properties of Clay Epoxy Nanocomposites	College of Engineering, Guindy, Anna University, Chennai	International Conference on Advances in Materials Processing and Characterization	Chennai	28-30, August 2006
18	K.Tamil Mannan	Synthesis, Characterization and Mechanical Properties of Polymer Clay Epoxy Nanocomposites	P.S.G .College of Technology, Coimbatore	International Conference on Recent Advances in Materials Processing	Coimbatore	15-17, December, 2006

19	K.Tamil Mannan	Structural Evaluation of Clay Epoxy Multifunctional Polymer Nanocomposites by Using Finite Element Method	Mother Teresa Women's University, Kodaikanal	International Conference on Material science research and nanotechnology	Kodaikanal	27-29, February, 2008
20	K.Tamil Mannan	Optimization of Electric Discharge Machining Response variable using design of Experiments	IRNET Pune, Pune India	International Conference on Advanced Research in Mechanical Engineering	Pune	18, November 2012
21	K.Tamil Mannan	Influence of Pulse Current and Pulse on Time on Material Removal Rate and Surface Roughness in Electric Discharge Machining of AISI T1 High Speed Steel	GIMT, Kurushkshetra	International conference on emerging trends in Engineering and Technology	Kurushkshetra	25-27 October 2013
22	K.Tamil Mannan	Surface Characterization of Electric Discharge Machined Surface of High Speed Steel	GRIET, Hyderabad, India	2 nd Annual International Conference on Material Processing and Characterization (ICMPC)	Hyderabad	16-17 March 2016
23	K.Tamil Mannan	Investigations on Surface Characterisation of Wire Electric Discharge Machined Surface of Titanium Alloy	JNU, New Delhi	International Conference on "Advances in Mechanical, Automobile & Aerospace Engg, AMAEE	New Delhi	21-22 September 2013
24	K.Tamil Mannan	Analysis of White Layer and Heat Affected Layer in Electric Discharge	Kodaikanal, Tamil Nadu	International Conference on Applications of Optimization	Kodaikanal	27-28, September 2013

		Machined Surface of AISI T1 High Speed Steel	India.	Techniques in Engineering		
25	K.Tamil Mannan	Influence of EDM Process Parameters on Surface Integrity of AISI T1 HSS	Munnar	1 st International Conference on Emerging Trends in Engineering and Technology	Munnar	4-5, October 2013
26	K.Tamil Mannan	Performance Evaluation in Supply Chain Management Using Balanced Scored Card	Kuala Lumpur, Malaysia	International Conference on Research in Science, Engineering, and Technology (ICRSET)	Malaysia	13-14 November 2013
27	K.Tamil Mannan	Use Of Vikor And Fuzzy Vikor Techniques To Rank The Alternatives (Influencing Factors) Of Blood Bank Supply Chain	Avadi, Chennai	IEEE Proceedings of the International Conference, on "Science, & Management Research	Chennai	November 27-29, 2014
28	K.Tamil Mannan	A Fuzzy Dematel Approach For The Optimization Blood Banks	Organized by Department of Mechanical & Production Engineering National Institute of Technology, Tiruchirappalli	Proceedings of the International Conference on "Advances in Design & Manufacturing (ICAD&M'14)",	Tiruchirappalli	December 5 -7 ,2014
29	K.Tamil Mannan	Optimization of Public Blood Supply Chain – A Dematel Approach	Organized by Department of Mechanical & Production Engineering National Institute of	Proceedings of the International Conference on "Advances in Design & Manufacturing	Tiruchirappalli	December 5 -7 ,2014

			Technology	(ICAD&M'14)"		
30	K.Tamil Mannan	Application of Grey Relational Analysis for Optimization of Friction Welded Incoly 800 H	National Institute of Technology, Thiruchirappalli	International Conference on Advances in Design and Manufacturing (ICAD &M14)	Thiruchi rappalli	05-07, December 2014
31	K.Tamil Mannan	Use of fuzzy topsis techniques for selection of best alternatives of blood bank supply chain	Organized by Vel Tech University, Chennai in association with Oklahoma University, USA	IEEE International Conference on "Smart Technologies and Management for Computing, Communication, Controls, Energy and Materials	Chennai	6 -8, May 2015
32	K.Tamil Mannan	Optimization Process Parameter for friction welding of Incoloy 800H using Taugchi-Desirability approach	Chennai, India	33rd IRF International Conference	Chennai	4 October 2015
33	K.Tamil Mannan	Optimization of Wire Electric Discharge Machining Process Parameters on kerf width in Machining of Titanium Alloy using Response Surface Methodology	Amravati, Maharashtra , India	International Conference on Recent Trends in Science and Engineering (ICRTSE-2015)	Amravati	29-30, December 2015
34	K.Tamil Mannan	Optimization of Wire Electric Discharge Machining Process Parameters on MRR in Machining	Sultanpur , U.P., India	International Conference on Advanced and Agile Manufacturing	Sultanpur	28-29 December 2015

		of Titanium Alloy using Response Surface Methodology		Systems		
35	K.Tamil Mannan	Optimization of Wire Electric Discharge Machining Process Parameters on Surface Roughness in Machining of Titanium Alloy using RSM	PSG College of Technology, Coimbatore	International Conference on "Productivity, Efficiency and Competitiveness in Design and Manufacturing	Coimbatore	7-9 January 2016
36	K.Tamil Mannan	Surface Integrity Characteristics in Wire Electrical Discharge Machining of Titanium Alloy during Main Cut and trim cuts	GRIET, Hyderabad	5th International Conference on Material Processing and Characterization (ICMPC 2016)	Hyderabad	12-13, March, 2016
37	K.Tamil Mannan	Parametric Optimization in Wire Electrical Discharge Machining of Titanium Alloy Using Response Surface Methodology	GRIET, Hyderabad	5th International Conference on Material Processing and Characterization	Hyderabad	12-13, March 2016
38	K.Tamil Mannan	Surface Integrity of Wire Electrical Discharge Machined Surface of Titanium Alloy	Singapore	5th International Conference on Electronics, Computer and Manufacturing (ICECME 2016)	Singapore	11-12, May 2016
39	K.Tamil Mannan	Optimization of MRR in Wire Electrical Discharge Machining of Titanium Alloy Using Response Surface Methodology	Hyderabad	International Conference on Advances in Material & Manufacturing (ICAMM 2016)	Hyderabad	08-10, December 2016

40	K.Tamil Mannan	Influence of Pulse on Time and Pulse Current in Wire Electrical Discharge Machining of Titanium (Ti-6Al-4V) Alloy	Delhi Technological University, Delhi, India	2nd International Conference on Advanced Production and Industrial Engineering. (ICAPIE 2017)	Delhi	October 06-07, 2017
41	K.Tamil Mannan	Conceptual Design Approach of Agricultural Air crafts	RIET, Jaipur	International Conference on Communication & Communication al Technologies	Jaipur	December 2017
42	K.Tamil Mannan	Applying fuzzy Analytic Hierarchy Process to to Evaluate Influencing Factors of	Delhi Technological University, Delhi, India	3rd International Conference on Advanced Production and Industrial Engineering. (ICAPIE 2018)	Delhi	October 05-06, 2018
43	K.Tamil Mannan	Analysis of Polypyrrole (PPY) / Ag ₂ O Nanocomposites for Energy Storage Device and Photo Catalytic Application	Centre for Nano Science and Technology, Anna University, Chennai.	International Conference of Emerging Advanced Materials ,	Chennai	27-28, March 2024
44	K.Tamil Mannan	Computer Aided Design and Analysis of Ovality by Using Finite Element Method	University of Roorkee	Sixteenth National Convention of Mechanical Engineers and National Seminar on Future Trends in Mechanical Engineering	Roorkee	Sept. 29-30, 2000
45	K.Tamil Mannan	Computer Aided Design and Analysis of	Cresent Engineering College,	12th ISME Conference on Mechanical	Chennai	Jan. 5-8, 2001

		Buckling by Using Finite Element Method	Chennai	Engineering		
46	K.Tamil Mannan	Experimental Investigation on Fretting Wear of Metal (Aluminium)	Annamalai University, Annamalai Nagar	National Conference on Recent Advances in Materials Processing	Annamalai Nagar	Sept.7-8, 2001
47	K.Tamil Mannan	Computer Aided Inspection	G.B.Pant University of Agriculture & Technology, Pantnagar	National Workshop on Appropriate Technologies and Equipment for Non Destructive Testing of Industrial Products	Pantnagar	April 25-26, 2003
48	K.Tamil Mannan	Coupled Field Analysis of Skirt Support for Pressure Vessels Using FEM	A.C.College of Engineering and Technology, Karaikudi	National Conference on Contemporary Approaches in Design and Manufacturing	Karaikudi	March 23 - 24 ,2005
49	K.Tamil Mannan	Structural and Thermal Analysis of water wall Tube Reducer Using FEM	Noorul Islam College of Engineering, Kumarakoil	National Conference on Recent Trends in Mechanical Engineering, RAME -05	Tamil Nadu	March 24, 2005
50	K.Tamil Mannan	Structural and Thermal Analysis of Furnace Tube Reducer Using FEM	Vasavi College of Engineering, Hyderabad	National Conference on Advances in Mechanical Engineering,	Hyderabad	May 13-14, 2005
51	K.Tamil Mannan	Modeling and Optimizing a multi-model distribution system using Artificial Intelligence Heuristics	Chennai, India	3rd National Conference on Innovation's in Machinery and Structures INOMAS'13 Emerging Trends in Engineering and	Chennai	September, 2013

				Technology		
52	K.Tamil Mannan	Appling fuzzy analytic hierarchy process to rank the influencing factors of blood bank supply chain	Chennai, India	4th National Conference on "Advances and innovations in Civil and Mechanical Engineering	Chennai	23rd August 2014
53	K.Tamil Mannan	TOPSIS Techniques for Selection of Best Alternatives of Blood Bank Supply Chain	Department of Mechanical Engineering, Knowledge Institute of Technology, Salem	Proceedings of National Conference, on Advancements in Mechanical, Environmental, Safety and Health Engineering	Salem	May 09, 2015
54	K.Tamil Mannan	Applying Interpretive Structural Modeling (ISM) to rank the influencing factor of blood bank supply chain	Department of Mechanical Engineering, Knowledge Institute of Technology, Salem	Proceedings of National Conference, on Advancements in Mechanical, Environmental, Safety and Health Engineering	Salem	May 09, 2015
55	K.Tamil Mannan	Use of Analytical Network Process (ANP) for Selection of Best Alternatives of Blood Bank Supply Chain	School of Electrical and Computing Vel Tech University, Avadi, Chennai	Proceedings of National Conference Use of Analytical Network Process (ANP) for Selection of Best Alternatives of Blood Bank Supply Chain)	Chennai	May 20-21, 2015
56	K.Tamil Mannan	Sustainable Development in Green Manufacturing – Future Prospects during COVID 19 Pandemic	National Online Conference	Environment, Human Health and Sustainable Development Goals	ONLINE	5-6 June 2020.

		Situations in India.				
57	K.Tamil Mannan	Nano Materials and its Applications	Centre for Nanoscience and Technology Anna University Chennai	5 th International Workshop on Advanced Functional Nanomaterials	Chennai	3-4, March 2023
58	K.Tamil Mannan	Technical Session Chair	Centre for Nanoscience and Technology Anna University Chennai	5 th International Workshop on Advanced Functional Nanomaterials	Chennai	3-4, March 2023
59	K.Tamil Mannan	Analysis of Polypyrrole (PPY) / Ag ₂ O Nanocomposites for Energy Storage Device and Photo Catalytic Application"	Centre for Nanoscience and Technology Anna University Chennai	International Conference on Emerging Advanced Materials	Chennai	27-28, March 2024

8. Consultancy assignment (if any): NIL

SNo.	Organization/ agency	Cost, title of consultancy	Duration

9. Details of Institution/ Government/ Industry / own Institution Sponsored Research Projects (including Programme Evaluation) and Amount (Both completed and ongoing): NIL

SNo.	Agency	Amount	Duration with dates	Status i.e. ongoing/ completed

10. Details of PhD and MPhil Scholars (including those awarded degree):

SNo.	Name and enrolment no:	Year of registration	Year of completion/ award
1	Siva Prasad Arikatla, Enrollment No: 127724030,	2012	2017
2	K.Anand, Enrollment No: 131636450,	2013	2018
3	K.Mathiyalagan, Enrollment No: 12877665,	2012	2019

11. Details of Programmes/ Courses coordinated/ written/ edited/ translated (if applicable):

SN o.	Programme	Course	Unit (print)/ Audio/Video/ eSLM	Coordinated/Written / Edited (content/ language/ format)/ Translated	Period
1.	Diploma in Mechanical Engineering	CAD/CAM BME-063	All Units	Written, Coordinated and Edited	2012 to till 2011
2.	Diploma in Mechanical Engineering	CNC Machines BME-057	All Units	Written, Coordinated and Edited	2012 to till 2011
3	Certificate in Motor Cycle Service and Repair (CMSR) Under IGNOU-GUYANA Project	1. Starter Kit 2. Motor Cycle Service and Maintenance 3. Motor Cycle Repair and Trouble Shooting	All Units & Videos are produced	Coordinated	2021 to 2022
4	PG Diploma in Industrial Safety Programme (PGINDS)	Industrial Safety: Rules and Acts Block 2, MIS-022 Liabilities and Responsibilities	02 Units	Coordinated and Edited	2018 to Till Date
5	Diploma in Smart	MIO-004	All Units	Coordinated and	2021 to till

	City Development and Management(DS CDM)	Smart Cities: Health, Education, Governance and Cyber Security.		Edited	date
6	P.G. Certificate in Inventory Planning and Warehousing System. (PGCIPWS)	MWR-03 Ware Housing System	All Units	Coordinated and Edited	2021 to till date
7	M.Sc Energy and Environment	MRWE001 Nano Technology in Energy and Environment.	All units	Written, Coordinated and Edited	2021 to till date
8	M.Sc in Industrial Safety	Safety in Various Industrial Sectors BLOCK 1 MIS-035 (Safety in Mechanical and Automobile Engineering)	All units	Written, Coordinated and Edited	2024 to till date
9	M.Sc in Industrial Safety	Risk Assessment and Vulnerability Analysis MIS -032 M.Sc in Industrial Safety	All units	Written, Coordinated and Edited	2024 to till date
10	M.Sc in .	Fire Safety	All units	Written, Coordinated and Edited	2024 to till date

	Industrial Safety	MIS-031 M.Sc in Industrial Safety			
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12. Training programmes designed and conducted, duration and dates

SNo.	Programme	Dates	Place	Number of Participants
1	ISTE – SRM Short term Training Programme on Recent Developments in Nano and Micro Manufacturing	15-19, April 2013	School of Engineering and Technology, Indra Gandhi National Open University, New Delhi	35

13. Details of Counselling sessions conducted:

SN O.	Programme Code	Course Code	Place	Dates	Duration	Mode (Specify- Face to Face Radio counselling Teleconferencing Web conferencing Any Other)
1	CMSR	Motor Cycle and Service Repair	Online/ SOET	04/12/21	5.30 – 7.30 PM	Online mode
2	BTME	FEA : An Introduction	EMPC	19.07-2009	12.15-13.00 PM.	Teleconferencing
3	BTME	Geometric Modelling	EMPC	23-08-2009	13.00-13.45	Teleconferencing
4	BTME	Nano Technology and Manufacturing	EMPC	20-09-2009	13.00-13.45	Teleconferencing
5	ACPDM	Power Distribution Systems	EMPC	21-02-2010	13.00-13.45	Teleconferencing
6	ACPDM	IT Application in Power Sector	EMPC	21-02-2010	14.30-15.15	Teleconferencing

7	BTME	Nano-technology and Nano-materials	EMPC	20-02-2011	14.30-15.15	Teleconferencing
8	BTME/DME	Introduction to CAD	EMPC	12-03-2011	12.00-12.45	Teleconferencing
9		Nano-technology and Nano-materials	EMPC	17-07-2011	13.00-13.45	Teleconferencing
10	BTME/DME	CAD	EMPC	18-09-2011	11.00-11.45	Teleconferencing
11	BTME/DME	CAD	EMPC	20-11-2011	14.30-15.15	Teleconferencing
12	BTME/DME	Introduction to CAD	EMPC	16-09-2012	11.00-11.45	Teleconferencing
13	BTME	Nano Technology & ITS Applications	EMPC	17-02-2013	12.00-12.45	Teleconferencing
14	BTME/DME	Introduction to CAD	EMPC	20-10-2013	13.00-13.45	Teleconferencing
15	BTME	Introduction to Nanotechnology & Nanomaterial	EMPC	16-03-2014	11.00-11.45	Teleconferencing
16	Distance Education Degree/ Diploma	Recent Supreme Court Judgement on Distance Education	EMPC	12-01-2018	1200-01-00	Teleconferencing
17	Skill Development Courses	Scope and Opportunities in Vocational and Skill Development Education.	EMPC	10-05-2019	12.00-01-00	Teleconferencing

18	M.Sc in Renewable Energy	Introduction to Nanotechnology	EMPC	18-04-2023	16.00-16.30	Teleconferencing
19	M.Sc in Renewable Energy	Introduction to Nanomaterials	EMPC	29-02-2024 (3-3.30 PM)	15.00-16.00	Teleconferencing
20	P.G.Diploma/M.Sc Industrial Safety	Introduction to Industrial Safety: Rules and Acts	EMPC	08-05-2024	16.00-16.30	Teleconferencing
21	P.G.Diploma/M.Sc Industrial Safety	Introduction to Industrial Safety: Rules and Acts	EMPC	21-10-2024	16.00-16.30	Teleconferencing
22	M.Sc in Renewable Energy	Introduction to Nanotechnology and Its Applications.	EMPC	12-09-2025	16.00-17.00	Teleconferencing

14. Details of Patents granted (if any): NIL

15. Contribution to IGNOU's corporate life:

SNo.	Chairperson/ Member of Committee	Name of the Committee	Date/ period
1.	Member	Board of School Council, School of Engineering and Technology IGNOU	2012- Till Date
02	Member	Course Design Committee, Nanoscience, School of Science IGNOU	2011-2012

16. Administrative position/s held in the University (even as in charge)

SNo.	Designation	Period
01.	Public Information Officer , SOET	2021 to till Date
02.	Project Coordinator IGNOU-ISTE Skill Development Project	2009-2014
03.	Project Coordinator IGNOU-VIEP Project	2011 to 2018
04.	Programme Coordinator P G Diploma in Industrial Safety	2022-2024
05.	Programme CO-Coordinator M.Sc in Industrial Safety	2024 to Till Date

17. Any other contribution/information

Signature of Teacher /Academic

(K.Tamil Mannan)