


A1	Personal Details	
Prof. M.Sathyanathan		
Associate Professor		
Department of Mechanical Engineering		
Knowledge Institute of Technology		
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A2	Areas of Interest	Manufacturing, Composite Materials
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A3	Subject Taught	
	UG	PG
	Engineering Graphics	Safety In Engineering Industry
	Engineering Mechanics	
	Kinematics of Machinery	
	Manufacturing Technology I	
	Manufacturing Technology II	
	Professional Ethics in Engineering	
	Composite Materials	
	Total Quality Management	

A4	Academic Background			
Degree	Specialization	Name of the Institute	University	Month and Year of Passing
B.E.	Mechanical Engineering	Sona College of Technology, Salem	Anna University	May 2002
M.E.	Manufacturing Engineering	Faculty of Engineering and Technology	Annamalai University	May 2004
Ph.D.	Composite Materials	-	Anna University	Pursuing

A5		Work Experience as on July 2021					
Name of the Institution		Position		From		To	
SSM College of Engineering		Assistant Professor		27.06.2005		29.05.2012	
Knowledge Institute of Technology, Salem		Associate Professor		07.06.2012		Present	
Total Experience	16.2 Years	Teaching	16.2 Years	Research	5 Years	Industry	-

A6		Research Publications				
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total	
		08	-	02	03	12
Publications (Journals)						
1	"Development of Tanker using Automatic Aerosol fire Suppression system," International Journal of Applied Engineering Research, Vol. 10,50,Page-49-52ISSN 0973-4562, May 2014-2015.					
2	"Design Of Semi-Automatic Mobile Fire Fighting System To Control Fire At Ceiling Height," International Journal of Applied Engineering Research, Vol. 10,50,Page-49-52ISSN 0973-4562, May 2014-2015.					
3	"Hazard And Risk Analysis In Spray Painting And Powder Coating Of An Automobile Industries", ADVANCES in NATURAL and APPLIED SCIENCES,ISSN: 1995-0772, 2016 Special 10(9): pages 192-200					
4	"Enhanced Safety Through Artificial Intelligence In Human Life", ADVANCES in NATURAL and APPLIED SCIENCES, ISSN: 1995-0772, 2016 Special 10(9): pages 175-187					
5	"HAZOP Study in High Speed Balancing Machine And Ammonia Nitriding Furnace", ADVANCES in NATURAL and APPLIED SCIENCES,ISSN: 1995-0772, 2016 Special 10(9): pages 232-236					
6	Study of construction site and implementation of EHS system, Advances In Natural and applied Sciences, volume7,pg no (789-803)					
7	Some Investigations On Natural Composites For Chassis, National Conference on Advancements in Mechanical, Environmental, Safety and Health Engineering (AMESHE - 2019)					
8	NON-POLLUTING & ECONOMICAL PNEUMATIC POWERED ENGINE, Sixth National Conference on Advancements In Mechanical, Environmental, Safety And Health Engineering (AMESHE - 2019)					
Recent Publications (Conferences)						
1.	S.Pradeep and M.Sathyanathan, "Ensuring Health and Safety in Cement Manufacturing Industry" at 1 st International and 7 th National Conference on Advancements in Mechanical, Environmental, Safety and Health Engineering					

	(AMESHE 2021) organized by the Department of Mechanical Engineering, Knowledge Institute of Technology on 8 th May 2021
2.	TREADMILL CYCLE, Sixth National Conference on Advancements In Mechanical, Environmental, Safety And Health Engineering (AMESHE - 2019)
3.	Automated Double Way Hacksaw, National Conference on Advancements in Mechanical, Environmental, safety and Health Engineering (AMESHE - 2018)
4.	"Analysis of the Ergonomic Hazards for the Construction Workers in an Educational Institution" at 1st National Conference at Department of Mechanical Engineering in Knowledge Institute of Technology, 3 May-2014.

A 07	Memberships in Professional Bodies
S.No.	Name of the Professional Body
1.	Indian Society for Technical Education (ISTE)
2.	Indian Welding Society (IWS)

A 08	Patent Details
1	Title of the invention : " C-SHAPED BAFFLE PLATE SOLAR AIR HEATER FOR ENHANCING HEAT TRANSFER RATE " Date of filing of Application : 02/08/2019 Publication Date : 16/08/2019 Application No.201941031249 A The Patent Office Journal No. 33/2019 Dated 16/08/2019
A 09	Training Programmes Attended
1.	Attended Awareness and Preparedness meeting on COVID-19 organised by Department of Public Health and Preventive Medicine on 06.03.2020 at Salem.
2.	One day Sensitization Workshop on National Initiative for Technical Teachers organised by (NITTTR) on 24th February 2020 at Coimbatore.
3.	Attended Hands-on Training on Solar Study Lamp Assembly organised by IIT Bombay, online Learning on 01 May to December 31 2019.
4.	One day workshop on Composite Materials- Advancement in Current research Technology organised by AVS Engineering College, Salem during 02 March 2017.
5.	Participated in ICTACT Bridge 2015- The Largest Industry Institute Interaction Event organised by ICT Academy of Tamil nadu, held on 26th June 2015.
6.	Participated in Two Week ISTE STTP on Technical Communication organised by ICT (MHRD), 8 October to 11 November 2015 and 30 November to 5 December 2015.
7.	One Week induction/ Refresher Programme on GLOBAL ENVIRONMENTAL ISSUES AND CHALLENGES MONITORING USING GEOGRAPHIC INFORMATION TECHNOLOGY organised by Civil Department Knowledge

	Institute of Technology, 25th to 30th June 2018.
8.	Attended Seminar on Human Factors and Ergonomics in Healthcare and Patient Safety organised by Muthayammal Engineering College, 14th September 2017.
9.	Foundation program in ICT for Education an FDP organized by AICTE August 3 to September 7 2017.
10.	FDP on Pedagogy for online and Blended Teaching Learning Process, organized by AICTE September 4 to October 12 2017.
11.	Participated in Workshop on Solar Photovoltaic (PV) Based Power Generation Technology, organized by Periyar University, Salem on 22 February 2016.
12.	Participated in One Day Workshop on How to Write Research Article organized by knowledge institute of technology Held on 28 Aug 2014
13.	Participated in Workshop on MISSION10X, organized by knowledge institute of technology Held at 4th to 7th November 2014.
14.	Participated in Workshop on Engineering Mechanics organized by knowledge institute of technology Held at 16th to 20th September 2013.
15.	Participated in Two Weeks ISTE Workshop on Fluid Mechanics organized by ICT (MHRD) Held at 20th to 30th May 2014.
16.	Participated in One Day Workshop on HIGH TEMPERATURE PROPERTIES OF MATERIALS organized by (IIM-MHRD) Held at 1st February 2014.
17.	Participated in Workshop on Swarm and Evolutionary Optimization organized by knowledge institute of technology Held at 12&13-12-2013.
18.	Participated in Three Day Workshop on MISSION10X organized by knowledge institute of technology Held at 23rd to 25th September 2013.
19.	Participated in One Day Workshop on Vaaname Ellai by TVS training and Services Ltd, held on 26th February 2013.

A 10	Special Lectures Delivered
1.	Handled a session on "Game based Learning" in a One week AICTE-ISTE sponsored Orientation/Refresher program on "Online Teaching and Learning Pedagogy" organized by Knowledge Institute of Technology during 05.04.2021 to 12.04.2021
2.	Special Lecture on "Life Skills" at NSS Camp organised by TPT Salem.
3.	Guest of Honour at Sri Sakthi Vikaas Higher Secondary School, Belur.

A 11	Research Grants/ Projects Received
1.	Received Fund Rs. 10,000 from IET for a sponsored Seminar on Industrial Internet of Things at knowledge Institute of Technology

A 12	Programs Organized
1.	Acted as a coordinator for organizing AICTE-ISTE sponsored one week orientation/refresher program on “Online Teaching and Learning Pedagogy” in three phases during March 2021, April 2021 and May 2021
2.	Acted as a coordinator for organizing FDP on Pedagogy for online and Blended Teaching Learning Process Conducted by IITBombay on 12, 13, 26 &27 May 2018.
3	Acted as a coordinator for organizing FDP on Foundation Program in ICT for Education Conducted by IITBombay on 24&25 March 2018.
	Acted as a coordinator for organizing FDP on Use of ICT in Education for Online and Blended Learning Conducted by IITBombay on May 2nd to 10th July 2016.
4	Organized a Workshop on Engineering Mechanics conducted by IITBombay at knowledge Institute of Technology from 16th to 20th September 2013.
A 13	Universities Visited
1.	IISc Bangalore
2.	IIT Roorkee
3.	IIT Madras
4.	IIT Bombay
5.	NIT Trichy
6.	VIT University, Vellore
7.	SASTRA University , Thanjavur
8.	Anna University, Chennai & Coimbatore
9.	Annamalai University - Chidambaram