

CURRICULAM VITAE

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Name of the Institution : K.S.Rangasamy College of Technology,
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Department : Mechanical Engineering
Field of Specialization : I.C. Engines, Emission Control, Alternative Fuel. Nano fuel additives.
Google Scholar link : <https://scholar.google.com/citations?user=Pb6MHvEAAAAJ&hl=en>
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Academic Qualifications:

S. No	Diploma/ Degree	University / Board	Year	Field of Specialization
1	DME	Technical Education	April 1988	Mechanical Engineering
2	B.E.	Annamalai University (Govt. University)	May 1994	Mechanical Engineering
3	M.E.	Annamalai University (Govt. University)	Dec 1995	Thermal Power
4	Ph.D.	Anna University- Chennai(Govt. University)	July 2009	I.C Engines Alternative Fuels

Teaching Experience : (Engineering College only)

S. No	Name of the Institution	Designation	From	To	Total Experience	
					Year(s)	Month(s)
1	K S Rangasamy College of Technology	Lecturer/Mechanical Engg	10.5.96	30.6.03	7y	-
2	K S Rangasamy College of Technology	Senior Lecturer /Mechanical Engg	1.7.03	30.6 04	1y	-
3	K S Rangasamy College of Technology	Assistant Professor /Mechanical Engg	1.7.04	30.6.08	4y	-
4	K S Rangasamy College of Technology	Professor/ Mechanical Engg	1.7.08	12.09.10	2y	1m
5	K S Rangasamy College of Technology	Professor & Head Dept of Mechatronics Engineering	13.9.10	31.05.15	4y	8m
6	K S Rangasamy College of Technology	Professor/ Mechanical Engg	01.06.15	9.02.2021	5 y	7 m
7	K S Rangasamy College of Technology	Professor& Head Dept of Mechanical Engg	10.02.2021	Till date		

Total Teaching Experience: 26 years 3 month

Industrial Experience :

S. No	Name of the Industry	Designation	From	To	Total Experience	
					Year(s)	Month(s)
1	V.T.A Mobiles and Spray painting	Supervisor	1.5.88	31.12.90	2y	7m

Membership in Professional Bodies:

- Life Member, Indian Society for Technical Education (LM 27190)
- Life Member, Indian Society Mechanical Engineering (LM 454)
- Life Member, Combustion Institution Indian Section (LMC 541)
- Life Member, Indian Red Cross society (LM 314/1999)
- Life Member, Instrument Society of India (LM 2253)
- Honorary Member, Novel Research Academy-Puducherry (UAN: PY03D0003488)

Fellow Membership in Professional Bodies:

- International society of research and development (F3140900229) (UK)
- Indian Society of Mechanical Engineers (FISME20160915001)
- Indian Academic Researchers Association (FIARA 09/2016)
- The Society of Innovative Educationalist & Scientific Research Professional (FSIESRP/03/2018/914846-M),
- The Institution of Engineers (India) (F-1289086)

Details of Projects Undertaken:

S. No	Title of Project	Duration	Funding Agency	Funds Granted	Whether completed or in progress
1	Improved Air Pressure Cooker	One Year	Sustainable Agriculture Environment voluntary Action (SEVA), Madurai-625010.	Rs.10,000	Completed during the year 2004-2005
2	Energy Club	One Year	Tamil Nadu Energy Development Agency (TEDA), Chennai.	Rs.25,000	Completed during the year 2006-2007
3	Experimental Investigation of Controlling Exhaust Emission from Diesel Engine by Using Alternative Fuel from Rural	Six Months	L-RAMP, Gandhigram Rural University, Dindigul-624 302	Rs.15,000	Completed during the year 2008-2009

	Based Non-Edible Oil Seeds				
4	Enhancement of PLC Automation Laboratory	One Year	AICTE, New Delhi (MODROP)	Rs.8,00,000	Completed during the year 2012-2013
5	Investigation On Emission Control In Direct Injection LHR Diesel Engine Attached With Electronically Controlled EGR Operated On Oxygenated Fuel Blends Doped With Nano Particles	Three years	AICTE, New Delhi (RPS)	Rs.12,11,765	Completed during the year; 2020-2021
6	Experimental Investigation on Reducing the Emission from LHR Diesel Engine using Bio Fuels Doped with Nano Particles	One Year	TAMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY. (TNSCST) - 2019	Rs.7,500.	Completed. during the year; 2018-2019

LIST OF PUBLICATIONS

NATIONAL JOURNALS

1.	Murugesan A., Srinivasan P.S.S., Subramaniam R. and Nedunchezian N. ‘ TECHNICAL ASPECTS OF BIO DIESEL PRODUCTION ’ Indian Journal for Technology Spectrum published by Jawaharlal Technological University, and Hyderabad. March 2008, Vol. 12, No.1, pp. 93-102.
2.	Murugesan A., Srinivasan P.S.S., Subramaniam R. and Nedunchezian N., ‘ KOH-CATALYST ‘PRODUCTION OF MAXIMUM YIELD BIO DIESEL FUEL FROM PUNGAMIA OIL ’, Indian Journal of Engineering, Science and Technology, Bannari Amman Institute of Technology, ISSN: 0973-6255, Vol.2 No. 1, January-June 2008, pp. 22-26.
3.	Murugesan A., Chinnusamy T.R., Subramaniam R. and Nedunchezian N. ‘ EFFECT OF ENGINE PERFORMANCE AND EMISSION CHARACTERISTICS OF PSZ COATED ENGINE ETHANOL BIO-DIESEL DIESEL BLEND AS FUEL ’, Indian Journal of Engineering, Science and Technology, Bannari Amman Institute of Technology ISSN: 0973-6255, Vol.2 No. 2 July-December 2008, PP. 34-38.
4.	Rajasekar .E, Balamurugan .K and Murugesan A., ‘ METHANOL-JATROPHA BIODIESEL-DIESEL TRI-COMPOUND BLENDS: ENVIRONMENT FRIENDLY OXYGENATED BIOMASS FUEL FOR DIESEL ENGINES ’, Indian Journal of Engineering, Science and Technology, Bannari Amman Institute of Technology ISSN: 0973-6255, Vol.5 No. 1 January-June 2011, PP. 19-25.

INTERNATIONAL JOURNALS

1	Murugesan A., Umarani C., Subramaniam R. and Nedunchezian N. ‘ BIO DIESEL AS AN ALTERNATIVE FUEL FOR DIESEL ENGINE - A REVIEW ’ International Journal of Renewable and Sustainable Energy Reviews 13 (2009) 653-662
2	Murugesan A., Krishnan M., Chinnusamy T.R., Umarani C., Subramaniam R. and Nedunchezian N. ‘ PRODUCTION AND ANALYSIS OF BIO DIESEL FROM NON – EDIBLE OILS – A REVIEW ’, International Journal of Renewable and Sustainable Energy Reviews 13 (2009) 825-834.
3	Murugesan A., Krishnan M., Chinnusamy T.R., Srinivasan P.S.S., Umarani C., Subramaniam R. and Nedunchezian N. ‘ Bio diesel from Tree borne Non-Edible Oil as a Renewable and Alternative

	fuel for Diesel -A Review' International Journal of Agricultural Research 2007, 299 IJAR ISSN 1816 to 4897.
4	Rajasekar E, Murugesan A Subramanian R. and Neduchezhian N. "REVIEW OF NOX REDUCTION TECHNOLOGIES IN C I ENGINES FUELLED WITH OXYGENATED BIOMASS FUELS" International Journal of Renewable and Sustainable Energy Reviews September 2010.Volume 14, Issue 7, Pages 2113-2121.
5	Shanmugan p, Sivakumar V, Murugesan A and Ilangkumaran M 'PERFORMANCE AND EXHAUST EMISSIONS OF A DIESEL ENGINE USING HYBRID FUEL WITH AN ARTIFICIAL NEURAL NETWORK' International journal of Energy Sources,Part A: Recovery, Utilization, and Environmental Effects, 19 May 2011, 33:15.1440-1450.
6	Shanmugan p, Sivakumar V, Murugesan A and Umarani C 'EXPERIMENTAL STUDY ON DIESEL ENGINE USING HYBRID FUEL BLENDS' International journal of Green Energy, 2 September 2011, 8;6, 655-668.
7	Nagarani K., Mayilsamy K. and Murugesan A. , 'EXPERIMENTAL HEAT TRANSFER ANALYSIS ON ANNULAR ELLIPTICAL FINS AND COMPARISON WITH CIRCULAR FINS' , European Journal of Scientific Research, ISSN 1450-216X Vol.1.73, No.2(2012), pp.143-156.
8	Nagarani K., Mayilsamy K. and Murugesan A. , 'FIN EFFECTIVENESS OPTIMIZATION OF ELLIPTICAL ANNULAR FINS BY GENETIC ALGORITHM' , Procedia Engineering 38(2012) 2939-2948.
9	Murugesan A. , Subramanaim D., Vijayakumar C., Avinash A. and Nedunchezhian N 'ANALYSIS ON PERFORMANCE EMISSION AND COMBUSTION CHARACTERISTICS OF DIESEL ENGINE FUELED WITH METHYL- ETHYL ESTERS' International Journal of Renewable and Sustainable Energy; NOVEMBER 2012; RE 019206 RSE.
10	Nagarani K., Mayilsamy K. and Murugesan A. , 'OPTIMIZATION OF AN ELLIPTICAL ANNULAR FIN WITH CONVECTION HEAT TRANSFER USING A GENETIC ALGORITHM AND COMPARED WITH EXPERIMENTAL INVESTIGATION' , International Review of Mechanical Engineering(I.R.E.M E) <i>volume</i> 6, N6, September 2012 ISSN 1970- 8734.
11	Subramanaim D, Murugesan A. , Avinash A. and Aravindan V 'A CHARACTERISTIC EVALUATION OF ALUMINA-ZIRCONIA-COATED ENGINE FUELLED WITH PUNNAI METHYL ESTER" International Journal of Ambient Energy; 10 March 2013.
12	Subramanaim D, Murugesan A. , Avinash A. and Kumaravel A "BIO-DIESEL PRODUCTION AND ITS ENGINE CHARACTERISTICS-AN EXPATIATE VIEW" International Journal of Renewable and Sustainable Energy Reviews 22 (2013) 361-370
13	Murugesan A , Subramaniam D., Avinash A. and N.Nedunchezhian "A COMPREHENSIVE VIEW ON PERFORMANCE, EMISSION, AND COMBUSTION CHARACTERISTICS OF BIODIESEL-DIESEL BLENDS AT ADVANCED INJECTION TIMINGS" International Journal of Renewable Sustainable Energy 5, 033103 (2013); doi: 10.1063/1, 4803745
14	Subramanaim D, Murugesan A. , and Avinash A "AN INCLUSIVE VIEW ON BIODIESEL PRODUCTION BY HETEROGENEOUS CATALYST AND ITS ENGINE OPERATIONAL CHARACTERISTICS" International Journal of Renewable Sustainable Energy 5, 033135 (2013); doi: 10.1063/1.4811805
15	Subramanaim D, Murugesan A. , and Avinash A "PERFORMANCE AND EMISSION EVALUATION OF BIODIESEL FUELED DIESEL ENGINE ABETTED WITH EXHAUST GAS RECIRCULATION AND NI COATED CATALYTIC CONVERTER" International Journal of Renewable Sustainable Energy 5, 023138 (2013); doi: 10.1063/1.4802943.
16	Nagarani J, Mayilsamy K., and Murugesan A "THE USE OF COMPUTATIONAL FLUID DYNAMICS IN ANALYSING THE PERFORMANCE OF AN ELLIPTICAL ANNULAR FIN" International Journal of Renewable Sustainable Energy 5, 043108 (2013); doi: 10.1063/1.4812991.
17	Subramaniam D, Murugesan A , and Avinash A " A COMPARATIVE ESTIMATION OF C.I. ENGINE FUELLED WITH METHYL ESTERS OF PUNNAI, NEEM AND WASTE COOKING OIL" International Journal of Energy and Environment, Page No.869 – 870, Volume 4, Issue 5, 2013.
18	Murugesan A , Subramaniam D, Avinash A, and Neduchezhian N "QUANTITATIVE AND QUALITATIVE ANALYSIS OF BIODIESEL – AN IN-DEPTH STUDY" , International Journal of Ambient Energy (2013), doi: 10.1080/01430750.2013.820146.

19	Murugesan A , Subramaniam D, and Avinash A, “ BIO-DIESEL – A GLOBAL SCENARIO ”, Renewable and sustainable energy reviews 29 (2014), pp: 517 – 527.
20	Murugesan A , Nagarani N, Mayilsamy K, and Sathesh Kumar C, “ REVIEW OF UTILIZATION OF EXTENDED SURFACES IN HEAT TRANSFER PROBLEMS ”, Renewable and sustainable energy reviews 29 (2014), pp: 604 – 613.
21	Murugesan A , Krishnan N, Karthikeyan T, and Chinnusamy T R, “ DYNAMIC SCHEDULING OF FLEXIBLE MANUFACTURING SYSTEM USING SCATTER SEARCH ALGORITHM ”, International Journal of Emerging Technology and Advanced Engineering (2013), ISSN 2250-2459, Volume 3, Issue 10, pp: 329 – 332.
22	Murugesan A , Krishnan N, Karthikeyan T, and Chinnusamy T R, “ A COMPREHENSIVE SURVEY OF FLEXIBLE MANUFACTURING SYSTEM SCHEDULING USING PETRI NETS ”, Advanced Materials Research (2014), doi: 10.4028/www.sciebtufuc.net/AMR.984-985.111, Volume 984-985, pp: 111 – 117.
23	Murugesan A , Krishnan N, Karthikeyan T, and Chinnusamy T R, “ AN EVOLUTIONARY HYBRID ALGORITHM FOR LAYOUT PLANNING IN FLEXIBLE MANUFACTURING SYSTEM ”, Advanced Materials Research (2014),doi: 10.4028 /www. scuebtufuc. net / AMR .984-985.444, Volume 984-985, pp: 4444 – 451.
24	Murugesan A , Tiruvenkadam N, Thyala P.R., Senthilkumar M, Bharathiraja M, “ SYNTHESIS OF NEW ALUMINUM NANO HYBRID COMPOSITE LINER FOR ENERGY SAVING IN DIESEL ENGINES ”, Energy Conversion and Management (2015), pp: 440 – 448
25	Murugesan A , Vijayakumar C, Vignesh T, Bavana N, “ EFFECT OF ERRONEOUS IN ERGONOMICS AND ITS REMEDIES TO WORKERS IN INDUSTRIES – A LITERATURE SURVEY ”, International Journal of Recent and Innovation trends in computing and communication (2015), ISSN: 2321-8169, Volume 3, Issue : 1, pp: 368 – 377.
26	Murugesan A , Vijayakumar C, Vignesh T, Bavana N, “ WATER SUPPLY AND DEMAND MANAGEMENT SYSTEM: A CASE STUDY OF CHENNAI METROPOLITAN CITY, TAMILNADU, INDIA ”, International Journal of Social Relevance & Concern (IJSRC) (2015), ISSN: 2347-9698, Volume 3, Issue 5, pp: 20 – 33.
27	Murugesan A , Ashok Kumar R, Hemamalini R, Muthukumar P, “ ROAD SAFETY – IMPACT OF HUMAN LIFE AN OVER VIEW ”, International Journal of Software & Hardware Research in Engineering (2015), ISSN: 2347-4890, Volume 3, Issue 5, pp: 10 – 16.
28	Murugesan A , Ravi M, Vijayakumar K.C.K., “ CERTAIN INVESTIGATIONS ON THE PERFORMANCE OF EMISSION, VIBRATION AND NOISE CHARACTERISTICS OF C.I. ENGINE USING BIO GAS AND BIO DIESEL AS ALTERNATE FUEL ”, International Journal of Pharm Tech Research (2015), ISSN: 0974-4304, Volume 8, Issue 1, pp: 11 – 19.
29	Murugesan A , Panneerselvam N, Vijayakumar C, Kumaravel A, Subramaniam, Avinash A, “ EFFECTS OF INJECTION TIMING ON BIO-DIESEL FUELLED ENGINE CHARACTERISTICS-AN OVERVIEW ” Renewable and Sustainable Energy Reviews (2015), \ pp: 17 – 31.
30	Murugesan A , subramaniam D,Avinash A” AN EMPIRICAL AND STATISTICAL ANALYSIS OF BIODIESEL PRODUCTION BY TRANSESTERIFICATION PROCESS ” Taylor&Francis 16 june 2015,17597269.2015.1050643.
31	Murugesan A , Prabhakar R, vijayan R ,” QUALITATIVE ANALYSIS OF DEGUMMED CALOPHYLLUM INOPHYLLUM OIL-AN IN DEPTH STUDY ”. International Journal of Applied Engineering research,ISSN 0973-4562 Vol.10 No.50(2015)Research India Publications
32	Murugesan A , Vijayakumar C, Aishwarya B, Jeyaram A, Godul G, Abinash Nayak P “ EXPERIMENTAL INVESTIGATION OF MAHUA METHYL ESTER AS AN ALTERNATIVE FUEL FOR DIESEL ENGINE ” International journal of pharm Tech Research , coden (USA):IJPRIF, ISSN:0974-4304,Vol.8, No.2, pp193-199,2015

33	Murugesana A , Subramaniam D, Avinash A and Sasikumar P “ EVALUATION OF BIO-DIESEL PROPERTIES: A STATISTICAL APPROACH ” INTERNATIONAL JOURNAL OF AMBIENT ENERGY, 2015 http://dx.doi.org/10.1080/01430750.2015.1086684 , ISSN: 0143-0750 (Print) 2162-8246
34	Murugesan A , Panneer selvama N, Vijayakumar C & Subramaniamc D “ PERFORMANCE, EMISSIONS AND COMBUSTION CHARACTERISTICS OF CI ENGINE FUEL WITH WATERMELON (CITRULLUSVULGARIS)METHYL ESTERS ” International Journal of Ambient Energy. 2015, ISSN: 0143-0750 (Print) 2162-8246, DOI:10.1080/01430750.2015.1087431
35	Murugesan A , Panneer selvama N, Porkodi, K P, Terefe Jima, Vijayakumar C & Subramaniamc D “ COMPUTATIONAL ENGINE PERFORMANCE AND EMISSION ANALYSIS USING CEIBA PENTANDRA BIODIESEL ” International Journal of BIOFUELS, Taylor&Francis-2016, http://dx.doi.org/10.1080/17597269.2015.1123985 , ISSN: 1759-7269 (Print) 1759-7277
36	Murugesan A , Ravi M, Vijayakumar K.C.K., Sivachalapati.D, Rexanto.V “ EFFECT OF ELECTRONIC FLOW ON PERFORMANCE EMISSION CHARACTERISTICS OF DUAL FUEL ENGINE RUN ON BIOGAS ”., International Journal on advanced engineering technology(2016), E-ISSN: 0976-3945, Volume 7, Issue 1, pp: 177– 181.
37	S.T.Kumaravel, A.Murugesan ,A.Kumaravel,” TYRE PYROLYSIS OIL AS AN ALTERNATIVE FUEL FOR DIESEL ENGINES-A REVIEW ”., Renewable and Sustainable Energy Reviews (2016), pp: 1678 – 1685
38	Vijayakumar Chandrasekaran, Murugesan Arthanarisamy , Panneerselvam Nachiappan, Subramaniam Dhanakotti, Bharathiraja Moorthy ‘ THE ROLE OF NANO ADDITIVES FOR BIODIESEL AND DIESEL BLENDED TRANSPORTATIONFUELS ’, TransportationResearch Part D, 2016, vol.46,pp.145–156.
39	Panneerselvam, N, Murugesan, A , Vijayakumar, C & Subramaniam, D, 2016, ‘ PRODUCTION AND CHARACTERIZATION OF BIODIESEL FROM CEIBA PENTANDRA SEED OIL ’. Internation Journal of Advanced Engineering Technology, vol. VII, pp. 445-450. ISSN: 0976-3945 (Updated list:2016).
40	Murugesan, A , Subramaniam, D,Avinash.A, ‘ HEATING VALUE OF BIODIESEL: AN EMPIRICAL AND THEORETICAL EXPLORATION ’., Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 2016,vol. 30, no. 9, pp. 1293-1298.
41	Panneerselvam, N, Murugesan, A , Vijayakumar, C & Subramaniam, D, ‘ OPTIMIZATION OF BIODIESEL PRODUCED FROM WATERMELON (CITRULLUS VULGARIS) BY USING BATCH TYPE PRODUCTION UNIT ’, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 2016, vol. 38, no. 16, pp. 2343-2348. ISSN: 1556-7230.
42	Panneerselvam, N, Ramesh.M, Murugesan, A , Vijayakumar, C & Subramaniam, D, ‘ EFFECT OF DIRECT INJECTION NATURALLY ASPIRATED DIESEL ENGINE CHARACTERISTICS FUELLED BY PINE OIL ,CEIBA PENTANDRA METHYL ESTER COMPARED WITH DIESEL ’, TransportationResearch Part D, 2016.vol.48 pp.225–234
43	Rajan Prabhakar, Raghavan Vijayan, Arthanarisamy Murugesan and Natesan Buvaneswari, ‘ EXPERIMENTAL INVESTIGATION OF DIESEL ENGINE FUELLED WITH CALOPHYLLUM INOPHYLLUM METHYL ESTER BLENDS ’, ADVANCES in NATURAL and APPLIED SCIENCES, 2016 Special10(7): pages 123-129.
44	C.Vijayakumar , M.Ramesh, A.Murugesan , N.Panneerselvam, D.Subramaniam and M.Bharathiraja ‘ BIODIESEL FROM PLANT SEED OILS AS AN ALTERNATE FUEL FOR COMPRESSION IGNITION ENGINES- A REVIEW ’ Environmental Science and Pollution Research,2016,DOI: 10.1007/s11356-016-7754-2.
45	M.Bharathiraja,R.Venkatachalam, A.Murugesan & N.Tiruvenkadam ‘ EXPERIMENTAL INVESTIGATION OF NOVAL ALCOHOL FUMIGATION ON SINGLE CYLINDER CONSTANT SPEED DIESEL ENGINE ’International Journal of Ambient Energy,2016.

46	M.Ravi,KCK.Vijayakumar, A.Murugesan , ‘ PERFORMANCE,EMISSION, NOISE AND VIBRATION CHARACTERISTICS OF BIOGAS- DIESEL DUAL FUEL COMPRESSION IGNITION ENGINE ’ International of advances in chemistry, Vol 12 No.12 ISSN No.2321-807X,Oct 2016,Pages 4588-4592.
47	M.Ravi,KCK.Vijayakumar, A.Murugesan , ‘ CERTAIN EXPLORATIONS ON THE EFFECT OF PERFORMANCE CHARACTERISTICS OF DUAL FUEL DIESEL ENGINE RUN ON LINE TREATED BIOGAS ’ International Asian Journal of Research in Social Sciences and Humanities,Vol 6,No.10,ISSN 2249-7315,Oct 2016,Pages 226-238.
48	R.Prabhakar, R. Vijayan, A. Murugesan and N. Buvaneswari, ‘ QUANTITATIVE ANALYSIS OF DEGUMMED CALAPHYLLUM INOPHYLLUM OIL ’,International journal of u- and e- service, Science and Technology, Vol 9,No.12, 2016,Pages 11-18.
49	C. Vijaya Kumar, A Murugesan, T. Rajasekaran N. Panneerselvam “ EXPERIMENTAL INVESTIGATION ON THE EFFECTS OF NANO ADDITIVES ON MAHUCA INDICA METHYL ESTER - DIESEL FUEL BLENDS IN DIESEL ENGINE ” International Asian Journal of Research in Social Sciences and Humanities,Vol 7,No.1, ISSN 2249-7315,Jan 2017,Pages 120-130
50	Murugesan A, & Avinash A. “ OPTIMIZATION OF BIO DIESEL PRODUCTION FROM RAW AND PURIFIED BIO-OIL ” International journal of Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, DOI;10.1080/15567036.207.1279243.
51	Murugesan A, & Avinash A. ” CHEMOMETRIC ANALYSIS OF COW DUNG ASH AS AN ABSORBENT FOR PURIFYING BIO DIESEL FROM WASTE COOKING OIL ” International magazine of nature.com/scientificreport. DOI; 10.1038/s41598-017-09881-z
52	Murugesan A, & Avinash A ” ECONOMIC ANALYSIS OF BIODIESEL PRODUCTION FROM WASTE COOKING OIL ” International journal of Energy Sources, Part B: Economics, Planning, And Policy, https://doi.org/10.1080/15567249.2017.1319438
53	Murugesan A, & Avinash A. “ Prediction Capabilities Of Mathematical Models In Producing A Renewable Fuel From Waste Cooking Oil For Sustainable Energy And Clean Environment ” International journal of fuel. 216(2018) 322-329. DOI.org/10.1016/j.fuel.2017.12.029.
54	A.Murugesan.Panneerselvam N, Masresha Adasho, &.Vijayakumar C “ PRODUCTION AND CHARACTERIZATION OF BIODIESEL FROM CEIBA PENTANDRA SEED OIL ” International Journal of Advanced Research Methodology in Engineering & Technology, ISSN 2456-6446 Volume 2, Issue 2, March 2018. Pages; 74-79.
55	Murugesan A., Vijayakumar C , Kumaravel S.T.& Thenmozhi M “ A COMPARATIVE ANALYSIS OF WASTE TYRE PYROLYSIS, GASIFICATION AND LIQUIFICATION PROCESSES ” International Journal of Advanced Research Methodology in Engineering & Technology, ISSN 2456-6446 Volume 2, Issue 2, March 2018 .pages; 95-98
56	Murugesan A., Sathish D, Moorthi M , Kumaravel A. “ COMBUSTION SYSTEM IN GAS TURBINE ENGINE AND ITS APPLICATIONS- AN EXPATITATE VIEW ” International Journal of Advanced Research Methodology in Engineering & Technology, ISSN 2456-6446 Special Issue - March 2018.Pages;66-73
57	Murugesan A., Ramesh C , Kumaravel A. “ EXPERIMENTAL INVESTIGATION ON REDUCING NOX EMISSION IN DIESEL ENGINE FUELLED WITH NON EDIBLE PUNGAMIA OIL USING EGR SYSTEM ” International Journal of Advanced Research Methodology in Engineering & Technology, ISSN 2456-6446 Special Issue - March 2018.Pages; 182-189.
58	. Murugesan A, Sasikuma P & Avinash A. ” UNDERSTANDING THE INTERACTION AMONG THE BARRIERS OF BIODIESEL PRODUCTION FROM WASTE COOKING OIL IN INDIA- AN INTERPRETIVE STRUCTURAL MODELING APPROACH ” International journal Renewable Energy 127 (2018) 678-684.
59	Murugesan A, & Avinash A “ JUDICIOUS RECYCLING OF BIOBASED ADSORBENTS FORBIODIESEL PURIFICATION: A CRITICAL REVIEW ” International journal of Environmental Progress & Sustainable Energy DOI 10.1002/ep- 2018
60	Murugesan A, Sudhir R.Y, Senthil Kumar A.P& Sadesh K “ INVESTIGATION ON EMISSION CHARACTERISTICS OF VARIABLE COMPRESSION RATIO ENGINE USING NANO PARTICALE BLENDED DIESEL FUEL ” International journal of Engineering and Advanced Technology.(IJEAT) . ISSN 2249-8959, Volume-8, Issue-5, June 2019. Pages: 243-245

61	Murugesan A Kumaravel S.T.” EXPERIMENTAL INVESTIGATION ON ENGINE PERFORMANCE, EMISSION AND COMBUSTION CHARACTERISTICS OF A DI CI ENGINE USING TYRE PYROLYSIS OIL AND DIESEL BLENDS DOPED WITH NANOPARTICLES” International journal of Environmental Progress & Sustainable Energy; 19 /07/ 2019; https://doi.org/10.1002/ep.13321
62	Murugesan A., Avinash A & Kumaravel A. “ AN EXPERIMENTAL INSIGHT INTO OPTIMIZED BIODIESEL PRODUCTION AND EXTERNAL REBREATHING OF BURNED GASES ON BIODIESEL COMBUSTION” International Journal of Thermal Analysis and Calorimetry. https://doi.org/s1097/10.10073-019-08620-y(0 ISSN 1388-6150 .a.p229.7.2019.
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61	Murugesan A., Prakash R, Srinithi S., Ganesh R “ EMISSION CONTROL IN REACTIVITY CONTROLLED COMPRESSION IGNITION ENGINE FUELLED WITH RENEWABLE BIO DIESEL BLENDS AND ETHONAL” NATIONAL CONFERENCE ON ENERGY SCIENCE AND TECHNOLOGY(NCEST 20) organized by; Department of Energy Science, Periyar university, Salem. 4.03.2020. ISBN; 978-81-933793-3-2 page no.46.

INTERNATIONAL CONFERENCES

1.	Murugesan A., Krishnan M., Chinnusamy T.R., Chandraprabu V., Umarani C., Subramaniam R. and Nedunchezian N. ‘PREPARATION OF METHYL ESTER (BIO DIESEL) FROM LOW COST TRANESTERIFICATION UNIT’ Second International Conference on ‘Resource Utilizations and Intelligent Systems’. Organized by Kongu Engineering College, Perundrai, and TamilNadu, India. January 3 rd – 5 th 2008, pp. 38-42
2.	Murugesan A., Krishnan M., Chinnusamy T.R., Chandraprabu V., Umarani C., Subramaniam R. and Nedunchezian N. ‘EFFECT OF ENGINE PERFORMANCE AND EMISSION CHARACTERISTICS OF NATURALLY ASPIRATED C.I.ENGINE WITH METHYL ESTER (BIO DIESEL) BLEND AS FUELS’ Second International Conference on ‘Resource Utilizations and Intelligent Systems’. Organized by Kongu Engineering College, Perundrai, and TamilNadu, India. January 3 rd – 5 th 2008. Pp.43-49.
3.	Murugesan A., Krishnan M., Chinnusamy T.R., Srinivasan PSS, Umarani C., Saravanan C.G., Subramaniam R. and Nedunchezian N. ‘OPTIMIZATION OF TRANSESTERIFICATION FOR BIO DIESEL PRODUCTION’ international conference and xxth National Conference on I.C. Engines

	and Combustion. Organised by Department of Mechanical Engineering. Jawaharlal Technological University, Hyderabad. December 6 th – 9 th 2007, pp.570-576.
4.	Murugesan A., Srinivasan PSS., Umarani C., Tamilarasu K., Saravanan C.G., Subramaniam R. and Nedunchezian N. ‘ Technical Aspects of Bio diesel Production - A Review ’ International Conference and XXth National Conference on I.C. Engines and Combustion. Organised by Department of Mechanical Engineering. Jawaharlal Technological University, and Hyderabad. December 6 th – 9 th 2007, p. 577.
5.	Murugesan A., Subramaniam D., Subramaniam R. and Nedunchezian N. ‘Effect of PSZ Coating on the Performance of CI Engine Using Pungam Oil and Ethanol Blend as Fuel’ First International Conference on Frontier Technologies- Need for the Industry, Business and Education during 6-8 Sep 2006 organized by Adhiyamaan College of Engineering, Hosur, Tamil Nadu, pp. 75-80.
6.	Murugesan A., Krishnan M., Chinnusamy T.R.,Kumaravel .A. and Nedunchezian N. ‘ Bio- Diesel Through Transesterification of Non Edible Oil By Alkali Based Catalyst ’ International conference on Frontiers in Mechanical Engineering (FAME2010) Organised by Department of Mechanical Engineering., National Institute Of Technology, Karnataka. Golden jubilee celebration 20.5.2010 to 22.5.2010. pp 129-136.
7.	Shanmugan p Saravanan S and Murugesan A ‘ Blends As A Hybrid Fuel On The Performance And Emissions Characteristics Of High Speed Naturally Aspirated Direct Injection Diesel Engines ’ International conference on Frontiers in Mechanical Engineering (FAME2010) Organised by Department of Mechanical Engineering., National Institute Of Technology, Karnataka. Golden jubilee celebration 20.5.2010 to 22.5.2010. pp 82-88.
8.	Shanmugan p, Saravanan S, Murugesan A and Umarani C ‘ Experimental Investigation On Stability And Fuel Properties Of Ethanol – Bio Diesel –Diesel Blends ’ International conference on Frontiers in Mechanical Engineering (FAME2010) Organised by Department of Mechanical Engineering., National Institute Of Technology, Karnataka. Golden jubilee celebration 20.5.2010 to 22.5.2010. pp 88-94.
9.	Murugesan A and N.Nedunchezian “ EFFECT OF COMBUSTION CHARACTERISTICS OF A DIESEL ENGINE USING BIO DIESEL BLENDS (B40). 8 TH ASIA-PACIFIC CONFERENCE ON COMBUSTION organized by Under the Auspices of The Combustion Institute-Indian Section (CIIS) Date 10-12-2010 to 13-12-2010 Hyderabad, India
10.	Murugesan A., Vijayakumar C., Panneerselvam N., Subramaniam D., “ EFFECT OF ENGINE CHARACTERISTICS USING NANO ADDITIVES AND ESTERS BLENDED WITH DIESEL ”. International CONFERENCE OF NANO MATERIALS AND NANOTECHNOLOGY (Nano-2015) Organized by K S Rangasamy college of Technology.Date:07.12.2015-10.12.2015, Pages 346.
11.	Murugesan A., Kumaravel S.T, Vijayakumar C., Kumaravel A “ ENHANCEMENT OF FUEL PROPERTIES OF TYRE OIL EXTRACTED FROM WASTE TIRE ”. 2017 International Convention on Dissemination of Innovative Research in Science Engineering Technology & Management Applications Organized by Society of Engineers & Technicians . Kuala Lumpur, Malaysia .Date; 11.03.2017 to 12.03.2017
12.	Murugesan A., Vijayakumar C , Kumaravel S.T. Subramaniam D, “ EXPERIMENTAL INVESTIGATION ON THE EFFECTS OF NANO ADDITIVES ON MAHUCA INDICA METHYL ESTER - DIESEL FUEL BLENDS IN DIESEL ENGINE ” 2017 International Convention on Dissemination of Innovative Research in Science Engineering Technology & Management Applications Organized by Society of Engineers & Technicians . Kuala Lumpur, Malaysia .Date; 11.03.2017 to 12.03.2017
13.	Murugesan A Hemamalini R , Vijaya T.G,Vijayakumar C “ EXPLORING THE RELATIONSHIP OF WORK-FAMILY ENRICHMENT, WORK-FAMILY SATISFACTION AND WORK-FAMILY BALANCE: MEDIATION EFFECT OF SATISFACTION BETWEEN ENRICHMENT AND BALANCE ” . 2017 International Convention on Dissemination of Innovative Research in Science Engineering Technology & Management Applications . Organized by Society of Engineers & Technicians . Kuala Lumpur, Malaysia .Date; 11.03.2017 to 12.03.2017
14.	Murugesan A., Vijayakumar C , Kumaravel S.T “ ADVANCED CHEMICAL CHARACTERIZATION OF PYROLYSIS OILS FROM WASTE TYRE AND COMPARISON OF OIL FUEL PROPERTIES WITH CONVENTIONAL DIESEL FUEL ” International

	Convention on Civil, Mechanical, Chemical Engineering & Technologies-2018 (ICCMCT-2018) Organized by SVS College of Engineering – Coimbatore. Date; 23.02.2018 to 24.03.2018
15.	Murugesan A., Vijayakumar C , Panneerselvam N., Masresha Adasho “PRODUCTION AND CHARACTERIZATION OF BIO DIESEL FROM CEIBA PENTANDRA SEED OIL” International Conference on Recent Researches In Engineering & Technology-2018 Organized by Institute of Engineering Research. Date; 28.02.2018, YWCA Anandagiri Holiday Home, Ooty.
16.	Murugesan A., M Vijayakumar C , Kumaravel S.T. Thenmozhi “ A COMPARATIVE ANALYSIS OF WASTE TYRE PYROLYSIS, GASIFICATION AND LIQUIFICATION PROCESSES” International Conference on Recent Researches In Engineering & Technology-2018 Organized by Institute of Engineering Research. Date; 28.02.2018, YWCA Anandagiri Holiday Home, Ooty
17.	Murugesan A., Ramesh C , Kumaravel A. “EXPERIMENTAL INVESTIGATION ON REDUCING NOX EMISSION IN DIESEL ENGINE FUELLED WITH NON EDIBLE PUNGAMIA OIL USING EGR SYSTEM” International Conference on Breakthrough in Engineering, Science & Technology-2018 Organized by Institute of Engineering Research. Date: 23.03.2018, Hotel AMRs Evergreen, Salem. PP; 52-57
18.	Murugesan A., Sathish D, Moorthi M , Kumaravel A. “COMBUSTION SYSTEM IN GAS TURBINE ENGINE AND ITS APPLICATIONS- AN EXPATITATE VIEW” International Conference on Breakthrough in Engineering, Science & Technology-2018 Organized by Institute of Engineering Research. Date: 23.03.2018, Hotel AMRs Evergreen, Salem. PP; 64-71
19.	Murugesan A., Sathish D, Moorthi M , Kumaravel A “EXPERIMENTAL INVESTIGATION ON BIO DIESEL PRODUCTION FROM OXYGENATED FUEL AND ITS ECONOMIC ANALYSIS” 2nd International Conference on Advances in Science, Engineering and Management (ICASEM 2K18) Organized by; JAY SHRIRAM GROUP OF INSTITUTION. Date; 6.04.2018 to 7.04.2018.
20.	Murugesan A., Ramesh C , Kumaravel A. “PERFORMANCE, COMBUSTION AND EMISSION CHARACTERISTICS OF DIESEL ENGINE FUELED WITH NON EDIBLE PUNGAMIA OIL BIO- DIESEL –DIESEL BLENDS” 2nd International Conference on Advances in Science, Engineering and Management (ICASEM 2K18) Organized by; JAY SHRIRAM GROUP OF INSTITUTION. Date; 6.04.2018 to 7.04.2018.
21.	Murugesan A., Vijayakumar C , Kumaravel A “EXPERIMENTAL ANALYSIS ON COMPRESSION IGNITION ENGINE FUELLED WITH COPPER OXIDE NANO ADDITIVE – OXYGENATED FUEL BLENDS. International Convention on Innovative Scientific Research strategies(ICISRS 2018) In Science, Engineering, Business Management Applications & Medical Technology. In Association with University Teknologi MARA-Puncak Alam, Malaysia. Organized by; Innovative Scientific Research Professional , Malaysia .Date; 20.10.2018 to 21.10.2018.
22.	Murugesan A., Thenmozhi M., Kumaravel S.T. “ROLE OF AMPK SIGNALING IN REPIGMENTATION – AN INSILICO STUDY” International Conference on SMART APPLICATIONS FOR ENVIRONMRNTAL QUALITY ASSESSMENT AND PROMOTING HEALTH CARE SYSTEM USING INTERNET OF THINGES (ICSAIOT-2019). Organized by: DEPARTMENT OF CIVIL ENGINEERING. K.S. RANGASAMY COLLEGE OF TECHNOLOGY, TIRUCHENGODE, INDIA. DATE; 28.08.2019 to 29.08.2019..PP 40.
23.	Murugesan A., Vijayakumar C., Panneerselvam N., Subramaniam D “AN EXPERIMENTAL INVESTIGATION OF DIESEL ENGINE FUELLED WITH Mgo NANO ADDITIVES BIO DIESEL –DIESEL BLENDS” International Conference on SMART APPLICATIONS FOR ENVIRONMRNTAL QUALITY ASSESSMENT AND PROMOTING HEALTH CARE SYSTEM USING INTERNET OF THINGES (ICSAIOT-2019). Organized by: DEPARTMENT OF CIVIL ENGINEERING. K.S. RANGASAMY COLLEGE OF TECHNOLOGY, TIRUCHENGODE, INDIA. DATE; 28.08.2019 to 29.08.2019..PP 145.
24.	Moorthi M., Murugesan A., Siva kumar A., Vishahar V R., Navin V “AN EXPERIMENTAL STUDY OF PERFORMANCE, EMISSION AND COMBUSTION CHARACTERISTICS ON COMPRESSION IGNITION ENGINE USING NEEM OIL BIO DIESEL” International Conference on SMART APPLICATIONS FOR ENVIRONMRNTAL QUALITY ASSESSMENT AND

	PROMOTING HEALTH CARE SYSTEM USING INTERNET OF THINGS (ICSAIOT-2019). Organized by: DEPARTMENT OF CIVIL ENGINEERING. K.S. RANGASAMY COLLEGE OF TECHNOLOGY, TIRUCHENGODE, INDIA. DATE; 28.08.2019 to 29.08.2019..PP 146
25.	Ramesh C., Murugesan A., Vijayakumar C., “REDUCING THE ENVIRONMENTAL POLLUTION FROM DIESEL ENGINE FUELED WITH ECO-FRIENDLY BIO DIESEL BLENDS” International Conference on SMART APPLICATIONS FOR ENVIRONMENTAL QUALITY ASSESSMENT AND PROMOTING HEALTH CARE SYSTEM USING INTERNET OF THINGS (ICSAIOT-2019). Organized by: DEPARTMENT OF CIVIL ENGINEERING. K.S. RANGASAMY COLLEGE OF TECHNOLOGY, TIRUCHENGODE, INDIA. DATE; 28.08.2019 to 29.08.2019..PP 148.
26.	Srinithi S., Murugesan A., Panneerselvam N., Subramaniam D., “ENVIRONMENTAL POLLUTION AND ACOUSTIC NOISE CONTROL FROM DI-CI DIESEL ENGINE - EXPECTATIVE VIEW” International Conference on SMART APPLICATIONS FOR ENVIRONMENTAL QUALITY ASSESSMENT AND PROMOTING HEALTH CARE SYSTEM USING INTERNET OF THINGS (ICSAIOT-2019). Organized by: DEPARTMENT OF CIVIL ENGINEERING. K.S. RANGASAMY COLLEGE OF TECHNOLOGY, TIRUCHENGODE, INDIA. DATE; 28.08.2019 to 29.08.2019..PP 150.
27.	Prakash R., Murugesan A., Kumaravel A., “INFLUENCE OF NANO FUEL ADDITIVES TO CONTROL ENVIRONMENTAL POLLUTION FROM NATURALLY ASPIRATED DI-CI ENGINE” International Conference on SMART APPLICATIONS FOR ENVIRONMENTAL QUALITY ASSESSMENT AND PROMOTING HEALTH CARE SYSTEM USING INTERNET OF THINGS (ICSAIOT-2019). Organized by: DEPARTMENT OF CIVIL ENGINEERING. K.S. RANGASAMY COLLEGE OF TECHNOLOGY, TIRUCHENGODE, INDIA. DATE; 28.08.2019 to 29.08.2019..PP 152.
28.	Vijayakumar C, Murugesan A, Panneerselvam N., Kumaravel S.T .Rajasekaran T “EXPERIMENTAL INVESTIGATION ON COMPRESSION IGNITION ENGINE CHARACTERISTICS DOPED WITH SiO₂NANO ADDITIVES ON METHYL ESTERS DIESEL BLENDS” International Conference on NanoTechnology: Ideas, Innovations and Initiatives (ICN2K19). Organized by: DEPARTMENT OF MECHANICAL ENGINEERING. SYED AMMAL ENGINEERING COLLEGE, RAMANATHAPURAM. INDIA. DATE; 12.12.2019 to 14.12.2019. PP 10
29.	Murugesan A, Srinithi S, Ranjith Kumar L, Rithani T, Pavithran K “Green synthesized Cerium oxide nanoparticle biodiesel blends” 3rd International Conference on Advances in Mechanical Engineering (ICAME 2020) <i>Associated</i> 1st International Conference on Advances in Composite Materials (ICRACM 2020) Organized by: Department of Mechanical Engineering, SRM Institute of Science & Technology Kattankulathur-603203, Tamil Nadu, India. DATE. 24.02.2020 to 29.02.2020. PP 542

BOOK CHAPTER- Publication

1	A.Murugesan “ LOW CARBON OXYGENATED FUEL FOR CLEAN EMISSION AND FUTURE TRANSPORTATION” Book chapter “Scientific Aids for Sustainable Business” ISBN No; 978-93-89339-37-6, First Edition;2020- MAHI PUBLICATION. -AHMEDABAD. PageNo;44-50
2	Dr.A.Murugesan, Mr.R.Prakash and Mr.C.Ramesh published book chapter on Recent trends in Multi Disciplinary Research for Asian book of Records maximum author contributing for book on COVID 19 and its Impact ISBN Number 97-881-947019-4-1, ESN Publications, Page 363-369.

PATENT GRANTED

1	Murugesan A, Shanmugam P and Vijayakumar C “INNOVATIVE AND EFFICIENT TECHNOLOGY FOR BIODIESEL PRODUCTION FROM NON-EDIBLE OILS” granted the Controller of Patent Chennai (Ref; SL NO; 044103852, Application No:1103/che/2011) Dated:18 /01/2018. Patent number.291877
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1	Murugesan A, Avinash A and Vijayakumar C . “VEGETABLE OIL PRETREATMENT BY BUBBLE WASHING”. Diary Number : 6255/2018-CO/L. Dated : 23/07/2018. Registration Number : L-76790/2018.
2	Murugesan A& Avinash A “ ADVANTAGES AND DISADVANTAGES OF BIO DIESEL” Diary Number : 6527/2018-CO/L. Dated : 25/07/2018. Registration Number : L-76839/2018
3	Murugesan A& Avinash A “ BIO DIESEL PURIFICATION BY COW DUNG ASH” Diary Number : 4548/2018-CO/L. Dated : 08/09/2018. Registration Number : L-77720/2018
4	Murugesan A& Avinash A “ BARRIERS IN PROMOTION OF SUSTAINABLE AGRICULTURE” Diary Number : 3733/2018-CO/L. Dated : 27/11/2018. Registration Number : L-79033/2018.
5	Murugesan A& Avinash A “ BARRIERS OF BIO DIESEL PRODUCTION FROM WASTE COOKING OIL” Diary Number : 4007/2018-CO/L. Dated : 27/11/2018. Registration Number : L-79032/2018
6	Murugesan A& Avinash A “POTENTIAL BIO DIESEL FEED STOCKS” Diary Number : 12527/2018-CO/L. Dated : 04/12/2018. Registration Number : L-79307/2018

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1	Murugesan A, KUMARAVEL A & Avinash A “SYNTHESIS OF SILICON DIOXIDE NANO PARTICALES USING SOL-GEL METHOD ” Diary Number : 17393/2018-CO/L. Dated : 15/12/2018.
2	Murugesan A, Hemamalini R, & KUMARAVEL A “RELATIONSHIP BETWEEN HUMAN THOUGHT AND KNOWLEDGE SOCIETY” Diary Number : 18850/2019-CO/L. Dated : 26/11/2019

WORKSHOP / SHORT TERM COURSES PARTICIPATED:

1	AICTE-ISTE Sponsored short term training Programme “ EMERGING TRENDS IN TRANSPORT BUSES OF 21ST CENTURY ” conducted by IRTT Erode from 29.05.2000 to 11.06.2000.
2	One day workshop on “ LATEST TRENDS IN VEHICLE TECHNOLOGY ” organized by Sri Ramakrishna Engineering College, Coimbatore dated 31.08.2000
3	“ TEACHING TECHNOLOGY COUNSELING SKILL ” conducted by Abirami Academy, Chennai, from 28.06.2002 to 29.06.2002.
4	“ REFCON 2002 ” conducted by Banari Amman Institute of Technology, Sathyamangalam, from 21.11.2002 to 23.11.2002.
6	One day workshop on “ AUTOMOTIVE ELECTRONICS AN ON VEHICLE DEMONSTRATION ”

	conducted by Department of Mechatronics Engineering, K.S.Rangasamy College of Technology, Tiruchengode, dated 28.07.2004.
7	One day workshop on “ ENVIRONMENTAL AND POLLUTION AWARENESS ” conducted by Annamalai University dated 22.12.2004.
8	One day workshop on “ INSTRUMENTATION ON THERMAL ANALYSIS ” conducted by National Institute of Technology ,Tiruchirappalli on 30.04.2005
9	One day workshop on “ GREEN ENERGY FOR SUSTAINABLE LIVING ” organized by Nirmala College for Women. Coimbatore on 05.08.2005.
10	One day workshop on “ ALTERNATIVE FUELS FOR AUTOMOBILES ” conducted by Thanthai Periyar Government Institute of Technology, Vellore on 23.09.2005.
11	19 th National Conference on “ I.C. ENGINE AND COMBUSTION ” conducted by Annamalai University from 21.12.2005 to 23.12.2005.
12	Two days refresher training programme on “ HEAVY VEHICLE DRIVING ”, sponsor by Government of India, Ministry of Shipping, Road Transport & Highways, Department of Road Transport & Highways, New Delhi organized by Ashok Leyland, Driver Training Centre, Namakkal, from 08.02.2006 to 09.02.2006.
13	Six days training program on “ RECENT TRENDS IN IC ENGINE TESTING AND ANALYSIS ” conducted by National Institute of Technology ,Tiruchirappalli on 09.02.2007 to 11.02.2007
14	Three days scientists training on “ BIO-DIESEL CROP CULTIVATION TECHNIQUES AND PROCESSING ” organized by center of excellence in bio fuels agriculture engineering college and research institute, in Tamil Nadu agricultural university. Coimbatore from 20.03.2007 to 22.03.2007.
15	Five days intensive training Programme on “ LAB VIEW ADVANCED INCLUDING DAQ, VISION AND MOTION ” Organized by NI systems (India) pvt ltd, Bangalore in Association with PSG-NI virtual Instrumentation center, PSG College of Technology, Coimbatore from 14.05.2007 to 18.05.2007.
16	National symposium on “ ACOUSTICS ” (NSA 2007) organized by Department of Mechanical & Mechatronics Engineering K.S.Rangasamy college of Technology with ACOUSTICAL SOCIETY OF INDIA at K.S.Rangasamy college of Technology from 5.12.2007 to 07.12.2007.
17	Two days workshop on “ RECENT TRENDS IN ALTERNATIVE FUELS AND EMISSION CONTROL TECHNIQUES IN INTERNAL COMBUSTION ENGINES ” sponsored by TEQIP, organized by Department of Mechanical Engineering, National Institute of Technology, Tiruchirappalli from 19.12.2007 to 20.12.2007.
18	National workshop on “ FUTURE FUELS FOR LOW EMISSION ENGINES ” organized by Department of Mechanical Engineering, Annamalai University, Chidambaram from 26.02.2008 to 27.02.2008.
19	Seven days Programme on “ CURRENT TRENDS IN PLANT AUTOMATION ” sponsored by AICTE ISTE , organized by Department of Mechanical Engineering, K.S.R.Polytechnic College, Tiruchengode from 28.04.2008 to 02.05.2008.
20	Two days seminar on “ AUTO TELEMATICS ” Sponsored by Council of Scientific and Industrial Research (CSIR), organized by Department of Mechatronics Engineering, K.S.Rangasamy College of Technology, Tiruchengode from 10.10.2008 to 11.10.2008.
21	Three days Staff Development Program on” RECENT TRENDS IN RENEWABLE ENERGY SOURCES ”sponsored by TEQIP, organized by Department Of Mechanical Engineering, Government College Of Engineering,Salem from 27.01.2009 to 29.01.2009.
22	Two days National seminar on “ EMPHASIS ON FLUID POWER SYSTEM AT LOW COST AUTOMATION FOR TEXTILE INDUSTRIES ” sponsored by AICTE, organized by Department of Mechatronics Engineering, K.S.Rangasamy College of Technology, Tiruchengode from 30.01.2009 to 31.01.2009.
23	National seminar on “ SMART MATERIALS IN INDUSTRIAL AUTOMATION ” sponsored by Department of science and Technology organized by Department of Mechatronics Engineering, K.S.Rangasamy College of Technology, Tiruchengode from 24.03.2009 to 25.03.2009.
24	Staff development Programme on “ AUTOMOTIVE MATERIALS AND ELECTRONICS ” sponsored by AICTE, organized by Faculty of Engineering and Technology, Annamalai University, Chidambaram from 01.06.2009 to 13.06.2009.

25	National seminar on “ EMPHASIS ON FLUID POWER SYSTEM AT LOW COST AUTOMATION FOR TEXTILE INDUSTRIES ” sponsored by All India Council for Technical Education organized by Department of Mechatronics Engineering, K.S.Rangasamy College of Technology, Tiruchengode from 30.01.2009 – 31.01.2009.
26	One week faculty health development program on “ Maha Sri Yogam ”, course held at K.S.Rangasamy College of Technology organized by Universal Peace Foundation, Thirumurthi Hills from 03.11.2009 – 10.11.2009.
27	National seminar on “ MECHATRONICS BASED INSTRUMENTATION FOR MANUFACTURING AUTOMATION ” sponsored by Council of Scientific and Industrial Research organized by Department of Mechatronics Engineering, K.S.Rangasamy College of Technology, Tiruchengode from 12.11.2009 – 13.11.2009.
28	Residential In-plant Training Program on “ Sugar Mill Cogeneration ” in Southern / Western Regional States organized by Cogeneration Association of India at Hotel Iswariyaa, Erode from 07.01.2010 – 09.01.2010.
29	National seminar on “ BIO TELEMATICS ” sponsored by Council of Scientific and Industrial Research organized by Department of Mechatronics Engineering, K.S.Rangasamy College of Technology, Tiruchengode from 29.01.2010 – 30.01.2010.
30	National seminar on “ SMART SENSORS IN UNDERWATER AUTONOMOUS ROBOTS ” sponsored by Defence Research & Development Organisation organized by Department of Mechatronics Engineering, K.S.Rangasamy College of Technology, Tiruchengode from 05.03.2010 – 06.03.2010.
31	National Level Workshop on “ RESEARCH IN COPUTER SCIENCE – ISSUES AND CHALLENGES ” organized by Department of Computer Applications (MCA), K.S.Rangasamy College of Technology, Tiruchengode on 17.04.2010.
32	National seminar on “ COMPUTATIONAL INTELLIGENT TECHNIQUES OF MACHINE VISION SYSTEM AT LOW COST AUTOMATION FOR MANUFACTURING INDUSTRIES ” sponsored by All India Council for Technical Education organized by Department of Mechatronics Engineering, K.S.Rangasamy College of Technology, Tiruchengode from 22.07.2010 – 23.07.2010
33	TWO DAYS WORKSHOP ON “BUILDING HIGH PERFORMANCE TEAMS FOR SENIOR FACULTY OF HIGHER EDUCATION INSTITUTIONS” , Sponsored by Confederation of Indian Industry, Organized by NALS Outdoors India Private Limited, Nilgiris, 31 st August & 01 st September 2012.
34	Two week ISTE Workshop on “ ENGINEERING THERMODYNAMICS ”, sponsored by Indian Institute of technology, Bombay, under the National Mission on Education through ICT (MHRD). Date 11 th to 21 st December 2012.
35	One day national workshop on “ EVALUATION OF REFUSE DERIVED FUEL FROM WASTE PLASTICS AS ENGINE FUEL SUBSTITUTE ” Sponsored by Government of India Ministry of Environment & Forests, New Delhi. Organized by Department of Mechanical Engineering, Annamalai University, 13 th July 2013.
36	Two days Seminar on “ NATIONAL HIGHER EDUCATION CONCLAVE ” Organized by Confederation of Indian Industry, Coimbatore Zone, 29 th to 30 th November 2013.
37	National Workshop on “ INTELLECTUAL PROPERTY RIGHTS IN BIOTECHNOLOGY- PROMOTING POSITIVE MINDS ”, Organized by department of Biotechnology, K.S.Rangasamy College of Technology, Date 19 th December 2013.
38	28TH INDIAN ENGINEERING CONGRESS organized by the institution of engineers (India) Tamilnadu State Centre, Date 20 th to 22 nd December 2013.Chennai.
39	FIRST AID TRAINING PROGRAMME organized by St.John Ambulance (India), Erode, Tamilnadu. Date 11 th August 2014.
40	National seminar on ‘ CURRENT TRENDS IN BIOMATERIALS AND APPLICATION OF FEM IN DENTISTRTRY , organized by department of mechanical engineering, K.S.Rangasamy College of Technology, Date 9&10 sep 2016.
41	AICTE sponsored two weeks faculty development programme on ” RAPID CASTING TECHNIQUE ” conducted by Department of mechanical engineering , Guru Nanak Institute of Technology –Hyderabad. From27.11.2017 to 09.12.2017

42	One day seminar on “ HOW TO WRITE A SUCCESSFUL PROJECT PROPOSAL TO FUNDING AGENCIES ” organized by : Library & Readers club, K.S.Rangasamy College of Technology, Date 21.07.2018.
43	Two weeks Faculty Development Training Programme on “ ME 8493 – THERMAL ENGINEERING - I ”, sponsored by Center for Faculty Development , Anna University, CHENNAI. Organized by Department of Mechanical Engineering, Mahendra Engineering College .. Date 10-12-2018-to 22-12-2018.
44	One week Short Term Training Programme through ICT Mode on” NBA Accreditation ” Organized by National Institute of Technical Teachers Training And Research, Kolkata. Dated; 22.04.2019 to 26.04.2019.
45	AICTE sponsored two weeks faculty development programme on “ RECENT TRENDS IN ELECTRIC DRIVERLESS TECHNOLOGIES ” conducted by Department of Automobile engineering , Institute of Road and Transport Technology –Erode. From 24.11.2019 to 07.12.2019
46	National level one day lecture work shop on “ INTELLECTUAL PROPERTY AS A STRATEGIC ASSET FOR TECHNOLOGY TRANSFER ” conducted by Department of Bio Technology. , K.S.Rangasamy College of Technology, Date 15.02.2020.
47	One day work shop on “ THOUGHT LEADERSHIP CONCLAVE 2020” Organized by ICT Academy at IITM Research Park – Chennai. Date 25.02.2020.
48	Three days online course on “BASIC PRINCIPLES OF SPECTROSCOPY” Organized by AVS College of Arts & Science, Salem. Date: 17.04.2020 to 19.04.2020
49	Five days Webinar on “ e- Content Development in Education Sector” Organized by Dr.N.G.P Institute of Technology, Department of Mechanical Engineering & Internal Quality Assurance Cell- Coimbatore. Date: 20.04.2020 to 24.04.2020
50	Participated “ COVID-19 Pandemic General Awareness Quiz” Organized by; Department of RISE (Research, Innovations, Sponsored Projects & Entrepreneurship), Chandigarh Group of Colleges, Landran, Mohali; Date: 29.04.2020
51	Participated Webinar on “Engineering Graphics-on Indian National Book of Record attempt on solving maximum number of problems in 30 minutes.” Organized by; Bharath University- Chennai. ; Date: 28.04.2020
52	Participated five days season 3 of sky campus “THE FUTURE IS HERE NOW” Organized by ICTACADEMY Date: 27.04.2020 to 1.05.2020
53	Five days Online Faculty Development Program (FDP) on “R Programming” organised by Indo Global Group of Colleges, New Chandigarh in association with IIT Bombay Spoken Tutorial (An Initiative of National Mission on Education through ICT, MHRD, Govt. of India) Date: 27.04.2020 to 1.05.2020
54	Participated five days season 4 of sky campus “THE FUTURE OF EDUCATION, EMPLOYMENT & ENTREPRENEURSHIP” Organized by ICTACADEMY Date: 4.05.2020 to 8.05.2020
55	Participated online Quiz on “Intellectual Property Rights” organized by; Department of Mechanical Engineering, Nehru Institute of Engineering and Technology- Coimbatore. Date; ; 09-05-2020
56	Participated national level awareness Quiz on “ TEST YOUR IMMUNITY ON FACT VERSUS FAKE NEWS ON COVID-19” organized by; Sakthi Institute of Information and Management Studies- Coimbatore. Date; ; 8-05-2020
57	Participated one day webinar on “CAN Protocol for Automotive Application” organized by; Department of Electrical and Electronics Engineering. Mahindra Institute of Engineering and Technology, Tiruchengode ; Date: 09.05.2020
58	Participated national level online Quiz programme on “ REVIVAL OF BUSINESS IN POST COVID-19” organized by; Department of Commerce and Economics, Bharath Institute of Higher Education and Research.-Chennai. Date;9 -05-2020

59	Participated on line faculty development programme on “CHALLENGES AND INNOVATION IN RENEWABLE ENERGY TECHNOLOGY BY 2020.” Organized by; Department of Electrical and Electronics Engineering & Electronics and Communication Engineering, Tagore Institute of Engineering and Technology; Date: 09.05.2020 to 10.05.2020.
60	Participated One Day Faculty Development Program on“ CHALLENGES IN BUILDING COLLABORATIONS IN RESEARCH AND INNOVATION” Organized by Dr.M.G.R EDUCATIONAL AND RESEARCH INSTITUTE – Chennai. Date:11.05.2020
61	Participated six days Webinar series on “ EXPLORING OUTCOME BASED EDUCATION (OBE) AND NBA PROCESS ” Organized by; Knowledge Institute of Technology- Salem. Date; 07-05-2020 to 13-05-2020
62	Participated online “AUTO QUIZ 2020 Series-1” organized by;Department of Mechanical Engineering, S R M institute of Engineering and Technology- Vadapalani campus- Chennai. Date; ; 14-05-2020
63	Participated Online Super Session webinar on “ Good Teacher to Great Teacher ” Expert Session by Dr. Sylendra Babu IPS Organized by; ICT sky campus. Dated 14 05.2020.
64	Participated five days season 5 of sky campus “THE FUTURE OF SKILLS - EDUCATION, EMPLOYMENT & ENTREPRENEURSHIP” Organized by ICTACADEMY Date:11.05.2020 to 15.05.2020
65	Participated one week faculty development programme on “ INSIGHTS INTO QUALITY RESEARCH AND INNOVATION ” organized by; Research &Development Cell and Institution’s Innovation Council of Vivekanandha College of Engineering for Women. Tiruchengode. Date; ; 13-05-2020 to 20-05- 2020
66	Participated Webinar on “ WASTE TO ENERGY CONVERSION SYSTEM- CHALLENGES AND OUT COME” Organized by; R V S College of Engineering and Technology- Coimbatore. Date; 22-05-2020
67	Participated Online Super Session webinar on “ Personal Financial Management ” expert session by CA. V Pattabhi Ram. Organized by; ICT sky campus. Dated 20. 05.2020
68	Participated four days season 6 of sky campus “ FUTURE TECH 2020 ” Organized by ICTACADEMY Date:18.05.2020 to 20.05.2020 & 22.05.2020
	Participated one week Short Term Training Programme through ICT Mode on “ Research Methodology and Intellectual Property Right (IPR) ”organised by; National Institute of Technical Teachers Training Research, Kolkata.Date; 18/05/2020 to 22/05/2020
69	Participated Leadership talk With Mr Mahesh Babu CEO Mahindra Electric Mobility Ltd. India's First Leadership Talk Series Session with Mr Mahesh Babu CEO Mahindra Electric Mobility Ltd. organized by MHRD's Innovation Cell Dr. Abhay Jere Chief Innovation Officer, MHRD's Innovation Cell Date; ; 23-05-2020
70	Participated online course on “ Enriching Class room Engagement in post COVID Times” organized by; Dr Dheeraj Mehrotra, Udemy; Dated; 24-05-2020
71	Participated Online Super Session webinar on “ Change is the Essence of Life ” expert session by Bharathi Baskar. Organized by; ICT sky campus. Dated 25. 05.2020
72	Participated Online webinar on “ Patent your invention to Generate Value for Research” organized by; Department of Library, K S Rangasamy College of Technology, Tiruchengode.Dated 28.05.2020
73	Participated five days season 7 of sky campus “ Accelerating Industry 4.0 - A Post Covid Paradigm ” Organized by ICTACADEMY Date:25.05.2020 to 29.05.2020
74	Participated Online IPR webinar on “PATENT FILING AND PROSECUTION” organized by IPR Cell and MHRDs Institution Innovation Council, Kumaraguru college of Technology ,

	Coimbatore. Date:01.06.2020
75	Participated Online webinar on “ Digital Twin - Next Generation Technology For Web Technology ” Organized by Jaya Engineering College. Chennai. Date; 02.06.2020
76	Participated Online webinar on “ Asanas As Preventing Technique : A Systematic View ” Organized by Jaya Engineering College. Chennai. Date; 03.06.2020
77	Participated Online webinar on“ How To Publish Research Articles in SCI Journals Using Info-Graphic Tools” Organized by: Internal Quality Assurance Cell (IQAC) Rai university Ahmedabad-Gujarat. Date; 04.06.2020
78	Participated Online Expert Talks & Panel Discussion on “Insightful Fridays of Skycampus Digital Knowledge Webinar Series” Organized by; ICT sky campus. Dated 05. 06.2020
79	Participated Online webinar on “How to Write a Successful Project Proposal to Funding Agencies” organized by Department of Library, K S Rangasamy College of Technology, Tiruchengode on 06. 06.2020
80	Participated Two days webinar on “Application of Mathematics In Mechanical Engineering” organized by; Department of Mathematics, KPR Institute of Engineering and Technology, Coimbatore. Date:11.06.2020 to 12.06.2020
81	Participated Online webinar on“ Patenting Your Innovation” organized by; St-Peter’s Engineering College, Hyderabad Date:16.06.2020.
82	Participated Online webinar on “Online Teaching- Learning and Online Assessment Demo” organized by; InPods-Ed tech. Date:18.06.2020.
83	Participated Online Researcher Academy On “Campus webinar on Align Yourself To The Publishing Process” organized by. K.S. Rangasamy College of Technology, Date:18.06.2020.
84	Participated Online webinar on “Recent Trends In Automobile Engineering” organized Department Mechanical Engineering. Mahindra Institute of Engineering and Technology, Tiruchengode ; Date: 19.06.2020
85	participated in the Webinar “ Everyone Can Do Quality Research Talk 03: A GENERAL PERSPECTIVE ON CFD RESEARCH” organized by the Department of Mechanical Engineering, Knowledge Institute of Technology, Salem on 9. 07.2020
86	participated in the Webinar “ Everyone Can Do Quality Research Talk 04: From Research and Technology Innovation to Entrepreneurship” organized by the Department of Mechanical Engineering, Knowledge Institute of Technology, Salem on 16. 07.2020.
87	Completed a short course on "Learn to Design your own Solar Home System". organized as a part of Energy Literacy Drive of the Energy Swaraj Foundation in association with K.S.RANGASAMY COLLEGE OF TECHNOLOGY on 10.8.2020.
88	participated in AICTE Sponsored Short Term Training Programme (STTP) on "Automotive Technology for a Sustainable future". organized by Department of Electrical and Electronics Engineering . Gokaraju Rangaraju Institute of Engineering and Technology (GRIET) Hyderabad. Dated: 7.9.2020 to 12.9.2020
89	participated in AICTE Sponsored Short Term Training Programme (STTP) on "Smart Materials for Intelligent Future; Industrial and Defence Perspective". organized by Department of Mechanical Engineering , K S Rangasamy college of Technology , Tiruchengode . Dated: 14.9.2020 to 19.9.2020
90	participated in the "National Library Week Celebrations 2020 - Webinar Series" organized by Library, Readers' Club and NDLI Club of K.S.Rangasamy College of Technology, Tiruchengode from 17.11.2020 to 19.11.2020.
91	participated in the professional webinar on “ Awareness Program on IPR ” organised by MSME Development Institute, Hubballi in association with IPFC, KLE Technologies University, Hubballi Cell for IPR Promotions and Management, New Delhi on 17.12. 2020.

92	participated in “How to Access KSREI Research Portal” & Webinar on “Online Publication Tracking and Creating Researcher Profile for Faculty Members of KSRCT” organized by KSRCT Library on 19.12.2020
93	participated in “Academic Identities: An Overview” (ORCID, Researcher ID, Scopus ID, Google Scholar ID and Microsoft Academic ID) organized by KSRCT Library on 23.12.2020.
94	participated in the 3 days hands-on training on “Green Rating” organized by Department of Mechanical, Civil and EEE of K.S.Rangasamy College of Technology, Tiruchengode from 24.12.2020 to 26.12.2020
95	participated in the webinar on “Energy Conversion & management “ on 28.04 .2021 organized by Arasu Engineering College, Kumbakonam.
96	participated in the Online webinar on “How to access E-Resources through KNIMBUS platform” . organized by; Department of Library, K S Rangasamy College of Technology, Tiruchengode. Dated : 28. 05.2021
97	participated in the Online Workshop on “Introduction to Patents for Startups” organized by Patent Information Center, Francis Xavier Engineering College, Tirunelveli, Dated ;:12.06.2021
98	Participated in the Online Workshop on “Patent Commercialization Methods and Strategy”, , organized by Patent Information Center, Francis Xavier Engineering College, Tirunelveli. Dated 19.06.2021
99	Participated in the Online Workshop on “How to plan for startup: Legal & Ehtical Steps”, , organized by Pudicherry Techonogical University-. Pudicherry. Dated 20.08.2021
100	participated in the 7-days virtual workshop on “Advancements in Automotive Industries” organized by the Department of Automobile Engineering, Sathyabama Institute of Science and Technology, Chennai .Dated ;18.10.2021 to 25.10.2021.
101	participated in the one-week AICTE-ISTE Induction/Refresher Program on "Introduction to Hybrid and Electric Vehicle Technology in Automotive Sector” organized by the Department of Automobile Engineering Department, MCKV Institute of Engineering ,Liluah, Howrah (W.B.) Dated : 23/12/2021 to 30/12/2021
102	Participated in the one week International Faculty development program on “ Big Data Analystist” Jointly organized by the BINGHAMTON UNIVERSIYT – State University of New York and ETHIRAJ COLLEGE FOR WOMEN (AUTONOMOUS)- CHENNAI. Dated; 7/02/2022 to 15/2/2022
103	Participated in the one week International Faculty development program on “ Big Data Analystist” Jointly organized by the BINGHAMTON UNIVERSIYT – State University of New York and ETHIRAJ COLLEGE FOR WOMEN (AUTONOMOUS)- CHENNAI. Dated; 7/02/2022 to 15/2/2022
104	participated in the 5 days virtual workshop on “ Achieving Carbon Neutrality using Green Vehicles ” organized by the Department of Automobile Engineering, Sathyabama Institute of Science and Technology, Chennai. Dated; 28/02/2022 to 04/3/2022

PROGRAM ORGANISED

1.	One day work shop on “ RENEWABLE ENERGY. ENERGY OF THE FUTURE ” during 19.08.05 organized by K.S.R. College of Technology, Tiruchengode, Tamil Nadu. Sponsored by Tamil Nadu energy development agencies, Chennai.
2.	Six days faculty development programme on “ HEAT AND MASS TRANSFER ” from 07.11.2005 to 12.11.2005, sponsored by Anna University Chennai (Co-organizer).
3.	One day work shop on “ RENEWABLE ENERGY TODAY AND TOMORROW ” during 06.10.2006 organized by K.S.R. College of Technology, Tiruchengode, and Tamil Nadu. Sponsored by Tamil Nadu energy development agencies, Chennai
4.	National level technical symposium MECHNOCIES 2006 . Organized by K.S.Rangasamy College of technology, Tiruchengode. Dated 20.02.2006.
5.	National Level Conference “ RECENT ADVANCEMENT IN MECHANICAL ENGINEERING (RAME 2007) ”, 21 st -22 nd February 2007,organized by Department Of Mechanical Engineering,K.S.R. College of Technology, Tiruchengode, Tamil Nadu.
6.	National level technical symposium “ MECHNOCIES 2007 ”. organized by K.S.Rangasamy College of technology, Tiruchengode. Dated 07.09.2007.
7.	One day workshop on “ ENGINEERING GRAPHICS ” sponsored by Anna University Coimbatore. Organised by Department Of Mechanical Engineering, K.S.Rangasamy College of Technology, Tiruchengode, Tamil Nadu. Dated 06.01.2008.
8.	National level technical symposium “ MECHSMITH-2k8 ” organized by K.S.Rangasamy College of technology, Tiruchengode. Dated 18.09.2008.
9.	National level technical symposium “ MECHSMITH-2k9 ” organized by K.S.Rangasamy College of technology, Tiruchengode. Dated 17.09.2009.
10.	National Seminar on “ RECENT ADVANCEMENT IN INDUSTRIAL AUTOMATION ” Sponsored by Council of Scientific and Industrial Research organized by Department of Mechanical Engineering K.S.Rangasamy College of technology, Tiruchengode. Dated 25.11.2009 – 26.11.2009.
11.	National Seminar on “ MODERN MANUFACTURING PRACTICES ” Sponsored by Council of Scientific and Industrial Research organized by Department of Mechanical Engineering K.S.Rangasamy College of technology, Tiruchengode. Dated 25-11-2010 to 26-11-2010.
12.	National Seminar on “ EMERGING APPLICATION OF NANO FLUID IN MECHANICAL ENGINEERING ” Sponsored by Council of Scientific and Industrial Research organized by Department of Mechatronics Engineering K.S.Rangasamy College of technology, Tiruchengode. Dated 15.03.2011– 16.03.2011.
13.	National Seminar on “ INTELLIGENT UNDER WATER AUTONOMOUS ROBOTS FOR OCEAN MONITORING ” Sponsored by Ministry of earth sciences organized by Department of Mechatronics Engineering K.S.Rangasamy College of technology, Tiruchengode. Dated 03-05-2011 to 04-05-2011.
14.	SAE INDIA STUDENT CONVENTION 2011 , Date 30.09.2011 to 01.10.2011, Organized by SAE Collegiate Club and Department of Mechanical and Mechatronics Engineering.
15.	National Seminar on “ ADVANCED APPLICATIONS OF POLIMER NANOCOMPOSITES IN AEROSPACE AND DEFENCE INDUSTRY ” Sponsored by Council of Scientific and Industrial Research Organized by Department of Mechatronics Engineering K.S.Rangasamy College of technology, Tiruchengode, Dated 20.01.2012 to 21.01.2012.
16.	National Seminar on “ SENSITIZING FACULTIES OF ENGINEERING AND POLYTECHNIC COLLEGES ON SAFETY HEALTH AND ENVIRONMENT ” Sponsored by Govt. of India Ministry of Labour & Employment, Directorate General Factory Advice Service & Labour Institutes, Regional Labour Institute Chennai Organized by Department of Mechatronics Engineering K.S.Rangasamy College of technology, Tiruchengode, Dated 27.08.2012.
17.	National Seminar on “ MECHOTRONICS FOR DUAL FUEL TECHNOLOGY IN AUTOMOBILE ” Sponsored by Council of Scientific and Industrial Research Organized by Department of Mechatronics Engineering K.S.Rangasamy College of technology, Tiruchengode, Dated 20.02.2013 to 21.02.2013.

18.	National Seminar on “ SAFETY IN ENGINEERING INDUSTRIES ” ch Organized by Department of Mechatronics Engineering K.S.Rangasamy College of technology, Tiruchengode, Dated 3.03.2013.
19.	National Level Conference “ RECENT TRENDS IN MECHATRONICS AND INDUSTRIAL SAFETY ENGINEERING (RTMISE 2013) ”, 10.4.2013. organized by Department Of Mechatronics Engineering, K.S.R. College of Technology, Tiruchengode, Tamil Nadu.
20.	One-day National seminar on “ RECENT TRENDS IN AUTO MECHATRONICS ” organized by Department of Mechatronics Engineering, K.S.Rangasamy College of Technology, From 18.02.2014.
21.	National Level Two day Workshop on “ GRAPHICAL SYSTEM DESIGN USING LABVIEW ”, organized by Department Of Mechatronics Engineering,K.S.R. College of Technology, Tiruchengode, Tamil Nadu. Dated 25 th & 26 th Feb 2014.
22.	Second National Level Conference “ RECENT TRENDS IN MECHATRONICS AND INDUSTRIAL SAFETY ENGINEERING (RTMISE 2014) ”, 25.3.2014. organized by Department Of Mechatronics Engineering,K.S.R. College of Technology, Tiruchengode, Tamil Nadu
23.	One-day Workshop on “ SMART SENSORS IN AUTOMOBILES ” organized by Department Of Mechatronics Engineering, K.S.R. College of Technology, Tiruchengode, Tamil Nadu. Dated 30 th Sep 2014.
24.	Third National Level Conference “ RECENT TRENDS IN MECHATRONICS AND INDUSTRIAL SAFETY ENGINEERING (RTMISE 2015) ”, 24.3.2015. organized by Department Of Mechatronics Engineering,K.S.R. College of Technology, Tiruchengode, Tamil Nadu.
25.	National Level Two day Workshop on “ VIRTUAL INSTRUMENTATION USING LAB VIEW ”, organized by Department Of Mechatronics Engineering, K.S.R. College of Technology, Tiruchengode, Tamil Nadu. Dated 30 th & 31 st Mar 2015.
26.	One-day Workshop on “ STATUTORY RECORDS FOR SAFETY, HEALTH AND ENVIRONMENT ” organized by Department Of Mechatronics Engineering, K.S.R. College of Technology, Tiruchengode, Tamil Nadu. Dated 21 st Apr 2015.
27.	One-day Workshop on “ AERODYNAMIC ANALYSIS AND EMISSION CONTROL TECHNIQUES IN AUTOMOBILES ” organized by Department Of Mechanical Engineering, K.S.R. College of Technology, Tiruchengode, Tamil Nadu. Dated; 15 st October 2015
28.	One-day Workshop on “ EMISSION CONTROL IN AUTOMOBILES USING RENEWABLE FUEL TECHNOLOGY ” organized by Department Of Mechanical Engineering, K.S.R. College of Technology, Tiruchengode, Tamil Nadu. Dated ; 23 rd September 2016
29.	Invited talk for students “ YOUth CAN ” from Chinmaya Mission, Tiruchengode. 8.02.2019
30.	Invited talk for faculty and staff “ LEADer ” from Chinmaya Mission, Tiruchengode. 8.02.2019
31.	One-day Workshop on “ PROJECT PROPOSAL WRITING WITH MODEL DRAFT ” Phase I for faculty members of K S Rangasamy college of Technology 7.02.2020
32.	One-day Workshop on “ PROJECT PROPOSAL WRITING WITH MODEL DRAFT ” Phase II for faculty members of K S Rangasamy college of Technology 11.02.2020
33.	One day On-Site Training programme on “ Work Shop Practices on Mechanical Machinerics “for Tamil Nadu Electricity board Engineers/ REWS staff at K S Rangasamy college of Technology 15.03.2022

ACADEMIC ACTIVITIES

1. Designed and developed lab equipment in the thermal engineering lab.
2. Prepared study material for Engineering Drawing and handouts and instructional material for thermal lab.

BOOKS PUBLISHED

1.	Bio diesel as an Alternate Transportation Fuel for Diesel Engine. An –in deep study on biodiesel performance. LAP LAMBERT, Academic publishing- Germany In the year 2016 ISBN .No; 978-3-330-01535-7
2.	Bio mass Derived Bio fuels. An- insight in to Bio diesel performance. LAP LAMBERT, Academic publishing- Germany In the year 2016 ISBN .No; 978-3-330-01848-8
3.	Alternative fuel from rural based non-edible oil seeds. An –in deep study on biodiesel performance. LAP LAMBERT, Academic publishing- Germany In the year 2016 ISBN .No; 978-3-659-56475-8
4.	The interest of combining an additive with fuel blends . The role of fuel additives. LAP LAMBERT, Academic publishing- Germany In the year 2016 ISBN .No; 978-3-330-07070-7
5.	Emission Control in Diesel Engine Using Composite Material. LAP LAMBERT, Academic publishing- Germany In the year 2016 . ISBN No; 978-3-330 -02731-2.
6.	Noise & Vibration Analysis Using Alternate Fuels. LAP LAMBERT, Academic publishing- Germany In the year 2016 . ISBN No; 978-3-330 -02732-9.
7.	Bio –diesel derived from Neem oil. An –in deep study on biodiesel performance.and emission characteristics. LAP LAMBERT, Academic publishing- Germany In the year 2017 ISBN .No; 978-620-2- 00694-1
8.	Bio diesel Blends doped with Copper oxide Nano Particles- An experimental and Theoretical Analysis. LAP LAMBERT, Academic publishing- Germany In the year 2017 ISBN .No; 978-620-2- 00698-9
9.	Experimental & CFD Heat Transfer Analysis of Elliptical Annular fin. A deep study on Nano coating. LAP LAMBERT, Academic publishing- Germany In the year 2018 ISBN No; 978-613-9- 85609-1.
10.	Experimental Investigation on Direct Injection Diesel Engine Fuelled With Green Synthesis Nano Particle Dopped with Bio Diesel Diesel Blends. LAP LAMBERT, Academic publishing- Germany In the year 2021. ISBN No; 10.978-620-3-85639-2.

AWARDS AND ACHIEVEMENTS:

1	BEST PAPER AWARD from Indian Society of Technical Education 13th ISTE Annual Convention (Tamilnadu & Pondicherry Section) Organized by K.S.RANGASAMY COLLEGE OF TECHNOLOGY, TIRUCHENGODE Dated: 29-10-2010 to 30-10-2010. Entitled “ JOB STRESS AND ITS IMPACT ON WORK LIFE BALANCE AMONG ENGG COLLEGE TEACHERS ”
2	BEST PAPER AWARD from National conference on COMPUTATIONAL FLUID DYNAMICS APPLICATIONS IN BIO TECHNOLOGY PROCESSES sponsored by Department of Bio Technology (DBT) & Science and Engineering Research Board(SERB) New -Delhi. Dated: 18-08-2015 to 19-08-2015. Entitled “ CFD MODELING AND SIMULATION OFTRANSESTRIFICATION REACTION OF WASTE TYRE OIL WITH AN ALCOHAL IN BAFFLED STIRRED TANK REACTORS ”
3	Dr APJ ABDUL KALAM AWARD FOR SCIENTIFIC EXCELLENCE-2015. From MARINA LABS Research and development- Chennai ; DATE; 27.10,2015
4	EXCELLENT PROFESSIONAL ACHIEVEMENT AWARD CLASS “1” From Society of Professional Engineers- Chennai- DATE; 28.08,2016
5	OUTSTANDING RESEARCHER AWARD from Top Engineers Educational Trust Chennai, Dated on 01. 10. 2016
6	THE BEST FACULTY PERFORMER IN GOOGLE SCHOLAR CITATIONS AWARD for the academic years; 2016-2017 , 2017-2018, 2018-2019 from K.S. Rangasamy college of Technology, Tiruchengode.

7	INNOVATIVE TECHNOLOGICAL RESEARCH & DEDICATED PROFESSOR AWARD from Society of Engineers & Technicians, Kuala Lumpur- Malaysia. Dated ; 12.03.2017
8	“ BEST SCIENTIST AWARD-2017 ” from Indian Academic Researchers Association- given the On 22.04.2017, at Tiruchirappalli
9	ALL INDIA BEST PUBLICATION AWARD- 2017 for the academic year 2017-2018 from SOCIETY FOR ADVANCEMENT OF HUMAN AND NATURE (SADHNA). DR YS PARMAR UNIVERSITY OF HORTICULTURE AND FORESTRY NAUNI, SOLAN 173230 - HIMACHAL PRADESH, INDIA. Dated: 28.02.2018
10	INNOVATIVE RESEARCHER (MECHANICAL ENGINEERING) & EXCELLENT ACADEMICIAN AWARD for the year 2018. From The Society of Innovative Educationalist & Scientific Research Professional-Chennai joint with Innovative Scientific Research Professional Malaysia-Sdn-.Bhd, on 25.03.2018 at Coimbatore.
11	NSF MOST INFLUENTIAL PAPER AWARD for the year 2018. From Nature Science Foundation, Coimbatore. Dated ; 30.09.2018
12	PERASIRIYAR RATHINA VIRUTHU-2018. From Kaviyarasar kalai tamil sangam- Paramathi Vellor. Dated; 30.09.2018
13	INNOVATIVE RESEARCH PROFESSIONAL & DEDICATED BEST ACADEMICIAN AWARD for the year 2018. From The Society of Innovative Educationalist & Scientific Research Professional Malaysia. At Convention Hall, Campus “UNIVERSITY TEKNOLOGI MARA” (UiTM) Puncak Alam , Malaysia. Dated; 21.10.2018
14	OUT STANDING FACULTY AWARD – 2018, From Aruni International Research Foundation, Tiruvannamalai. Dated; 2.12.2018
15	THE BEST FACULTY PERFORMER IN INTELLECTUAL PROPERTY RIGHT (IPR) for the academic years; , 2018-2019 from K.S. Rangasamy college of Technology, Tiruchengode. Dated ; 22.02.2019.
16	BEST SENIOR FACULTY AWARD for the academic years; 2019-2020 from Navel Research Academy-Puducherry- Dated 9.11.2019.
17	An Award of Honour and recognition for Maximum Authors Contribution for a Book on Covid 19 and its impact - Asian Book of Record. ESN Publications, Virudhunagar, Tamilnadu. Jan-2021

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Total Citation - 2732

H- index - 21

I10- index - 31



Dr.A.Murugesan M.E ,Ph.D, FISME, FIARA, FISRD(UK).,

Professor, Dept of Mechanical Engineering, *K.S.Rangasamy College of Technology, Tiruchengode, Namakkal*
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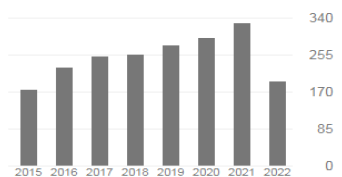
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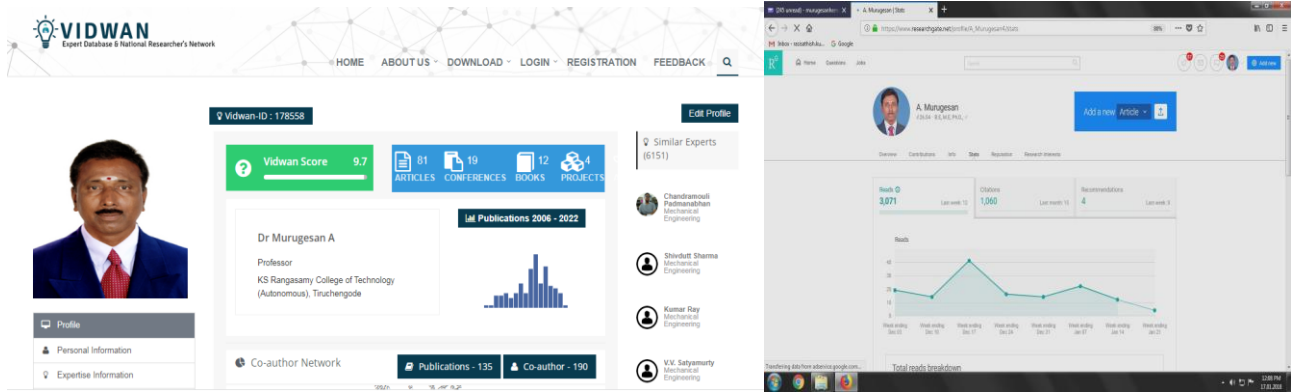


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TITLE	CITED BY	YEAR
Bio-diesel as an alternative fuel for diesel engines—a review A Murugesan, C Umarani, R Subramanian, N Nedunchezian Renewable and sustainable energy reviews 13 (3), 653-662	791	2009
PRODUCTION AND ANALYSIS OF BIO DIESEL FROM NON – EDIBLE OILS – A REVIEW NN Murugesan A., Krishnan M., Chinnusamy T.R., Umarani C., Subramaniam R. International Journal of Renewable and Sustainable Energy Reviews 13, 825-834	489 *	2009
REVIEW OF NOX REDUCTION TECHNOLOGIES IN C I ENGINES FUELLED WITH OXYGENATED BIOMASS FUELS NN Rajasekar E, Murugesan A Subramanian R. International Journal of Renewable and Sustainable Energy Reviews 14 (7 ...	180 *	2010
Tyrepyrolysisoilasanalternativefuelfordieselenines – A review AK S.T.Kumaravel a.n, A Murugesan b RenewableandSustainableEnergyReviews 60 (2016), 1678-1685	133 *	2016



RESEARCH GATE SCROE; 28.92

Ph.D DETAILS :-

Register Number : 2005259103
Topic : **EXPERIMENTAL AND THEORETICAL INVESTIGATION OF USING BIO DIESEL IN DIESEL ENGINES**
Date of Registration : 1.01 2005
Date of Viva-Voce Completed : 31.07.2009
Name of the Supervisor : Dr.N.Nedunchezhian
 Department of Automobile Engineering
 I R T T ,Erode.

Ph.D GUIDED

1.Topic : **EXPERIMENTAL AND THEORETICAL INVESTIGATION ON ESTERS OF NON EDIBLE OIL AS AN ALTERNATIVE FUEL FOR DIESEL ENGINE.**

Name of the Candidate : D.SUBRAMANIAM
Register Number : 100960321047
University : Anna University, Chennai,
Date of Viva-Voce : **20.03.2015**

2. Topic : **DYNAMIC SCHEDULING AND LAYOUT PLANNING BY USING HYBRID EVOLUTIONARY METHOD IN THE FLEXIBLE MANUFACTURING SYSTEM**

Name of the Candidate : M.KRISHNAN
Register Number : 7076122111
University : Anna University, Chennai,
Date of Viva-Voce : **08.05.2015**

3.Topic : **EXPERIMENTAL AND THEORETICAL INVESTIGATION ON COMPRESSION IGNITION ENGINE CHARACTERISTICS FUELLED WITH DIESEL –**

**BIODIESEL BLENDS DOPED WITH COPPER OXIDE
NANO PARTICLES**

Name of the Candidate : C.Vijayakumar
Register Number : 71010321109
University : Anna University, Chennai,
Date of Viva-Voce : 09.12.2016

4.Topic :**EXPERIMENTAL INVESTIGATION ON THE
PERFORMANCE CHARACTERISTICS OF DI-CI ENGINE
FUELLED WITH METHYL ESTERS AND PINE OIL
BLENDS**

Name of the Candidate : N.Panneerselvam
Register Number : 71060321055
University : Anna University, Chennai,
Date of Viva-Voce : 09.02.2018

5. Topic :**EXPERIMENTAL INVESTIGATION ON DUAL FUEL
PREMIXED CHARGE COMPRESSION IGNITION ENGINE**

Name of the Candidate : A.Avinash
Register Number : 1614269284
University : Anna University, Chennai, ,
Date of Viva-Voce : 23.12.2019

6. Topic : **POTENTIAL OF WASTE TYRE PYROLYSIS OIL
AS AN ALTERNATIVE FUEL FOR DIESEL ENGINE**

Name of the Candidate : S.T.Kumaravel
Register Number : 1414269184
University : Anna University, Chennai,
Date of Viva-Voce : 25.02.2021

GUIDING Ph.D

1. Topic : **EXPERIMENTAL INVESTIGATION ON DI-CI LHR ENGINE
CHARACTERISTICS OPERATED WITH OXYGENATED
FUELS**

Name of the Candidate : M.Moorthi
Register Number : 18142697173
University : Anna University, Chennai,

2. Topic : **EXPERIMENTAL INVESTIGATION ON DI-CI LHR ENGINE
OPERATED WITH ELECTRONICALLY CONTROLLED**

HOT AND COLD EGR INTEGRATED WITH PORT FUEL INJECTION

Name of the Candidate : **R. Prakash**
Register Number : **19142691131**
University : Anna University, Chennai,

3 Topic : **INTEGRATED DESIGN AND EXPERIMENTAL INVESTIGATION ON REDUCING EMISSION FROM DI-CI LHR ENGINE PORT FUEL INJECTION**

Name of the Candidate : **C.Ramesh**
Register Number : **19132691139**
University : Anna University, Chennai,

4. Topic : **DESIGN AND DEVELOPMENT OF NOVAL NANO COATED CATALYTIC CONVERTOR FOR REDUCING EMISSIONS IN DIESEL ENGINE**

Name of the Candidate : **S.Srinithi**
Register Number&Date : **22232691199/ 7.02.2022**
University : Anna University, Chennai,

INVITED TALK / GUEST LECTURE

1. Murugesan A., '**BATTERY OPERATED VEHICLE**', One day work shop on "Renewable Energy. Energy of the future" during 19.08.05 organized by K.S.R. College of Technology, Tiruchengode, Tamil Nadu. pp. 16-24.
2. Murugesan A., '**BIO DIESEL AS THE ENVIRONMENTAL FRIENDLY RENEWABLE FUEL FOR FUTURE**', One day work shop on "Renewable Energy Today And Tomorrow" during 06.10.2006 organized by K.S.Rangasamy College of Technology, Tiruchengode, Tamil Nadu. pp. 11-18.
3. Murugesan A. "**BIO DIESEL AS A RENEWABLE ALTERNATIVE GREEN FUEL FOR DIESEL ENGINES**" AICTE – Sponsored National seminar on "THE GREEN ENGINES" Organized by Nandha Engineering College Erode 11.06 2010.
4. Murugesan A. "**BIO - DIESEL PRODUCTION FROM NON-EDIBLE OIL** " DRDO– Sponsored one day workshop on "BIO – FUEL AND ITS APPLICATIONS IN IC ENGINES " Organized by Faculty of Engineering and Technology, Department of Mechanical Engineering, Annamali university, Chidambaram. 30. 08 2010.
5. Murugesan A. "**BIO - DIESEL THROUGH TRANESTERIFICATION OF NON-EDIBLE OIL BY ETHONAL AS SOLVENT AND KOH AS A CATALYST**" AICTE– Sponsored two week Staff Development Programme on "EMERGING TRENDS IN ALTERNATIVE FUELS AND EMISSION CONTROL TECHNIQUES FOR I.C. ENGINES" Organized by Department of Automobile Engineering, IRTT, ERODE. From 24.11.2010 to 07.12.2010.

6. Murugesan A, "**ALTERNATIVE FUELS**", Organized by M.P.Nachimuthu M.Jaganathan Engineering College, Chennimalai Erode, Date: 01.03.2012.
7. Murugesan A, "**BIO-DIESEL AS THE ENVIRONMENTAL FRIENDLY RENEWABLE FUEL FOR FUTURE**" Faculty development programme on NANO TECHNOLOGY FOR SYSTAINABILITY ENERGY CONVERSION AND STORAGE organized by Department of Electrical & Electronics Engineering, K.S.Rangasamy College of Technology, From 06.05.2013 to 18.05.2013
8. Murugesan A, "**ENVIRONMENTAL FRIENDLY CLEAN AND GREEN FUELS**" Technical Education Quality Improvement Programme Phase – II, Sponsored Faculty Development Programme. Organized by Department of Mechanical Engineering Government College of Engineering, Salem. From 18.10.2013 to 24.10.2013.
9. Murugesan A, "**ALTERNATIVE FUELS AND RESEARCH OPPORTUNITY**" Technical Education Quality Improvement Programme Phase – II, Sponsored Faculty Development Programme. Organized by Department of Mechanical Engineering Government College of Engineering, Bargur. From 11.12.2013 to 17.12.2013.
10. Murugesan A, "**ENGINE ELECTRONICS AND EMISSION CONTROL**" One-day National seminar on "**RECENT TRENDS IN AUTO MECHATRONICS**" organized by Department of Mechatronics Engineering, K.S.Rangasamy College of Technology, From 18.02.2014.
11. Murugesan A, "**HELMET AWARENESS PROGRAMME FOR ROAD SAFETY**" organized by NSS Unit – I, K.S.Rangasamy College of Technology, Dated 14th August 2014.
12. Murugesan A, "**AUTOMOBILE EMISSION CONTROL TECHNIQUES USING SMART SENSORS**" One-day Workshop on "**SMART SENSORS IN AUTOMOBILES**" organized by Department Of Mechatronics Engineering, K.S.R. College of Technology, Tiruchengode, Tamil Nadu. Dated 30th Sep 2014.
13. Murugesan A, "**ROAD SAFETY AWARENESS PROGRAMME FOR PUBLIC**" organized by Namakkal District, Superintendent of Police, Tiruchengode, Tamil Nadu. Dated 12th Jan 2015.
14. Murugesan A, "**EMISSION CONTROL IN AUTOMOBILE DOPING NANO ADDITIVES WITH DIESEL**" One-day Workshop on "**AERODYNAMIC ANALYSIS AND EMISSION CONTROL TECHNIQUES IN AUTOMOBILES**" organized by Department Of Mechanical Engineering, K.S.R. College of Technology, Tiruchengode, Tamil Nadu. Dated; 15st October 2015
15. Murugesan A, "**EMISSION CONTROL IN AUTOMOBILE USING OXYGENATED BIO - FUELS**" One-day Workshop on "**EMISSION CONTROL IN AUTOMOBILES USING RENEWABLE FUEL TECHNOLOGY**" organized by Department Of Mechanical Engineering, K.S.R. College of Technology, Tiruchengode, Tamil Nadu. Dated ; 23rd September 2016
16. Murugesan A, "**PEER REVIEW**" Two days seminar on "**RESEARCH METHODOLOGY**" organized by Library & Readers Club, K.S.Rangasamy College of Technology, From: 26.06.2018 to 27.06.2018.
17. Murugesan A, "**POWER OF POSITIVE THOUGHT**" Seventh book Expert's Talk Programme organized by Library & Readers Club, K.S.Rangasamy College of Technology. Dated: 27.11.2018
18. Murugesan A "**OXYGENATED BIO FUELS: PROGRESS AND PROSPECTS**" one week DST-SERB SHORT TERM TRAINING PROGRAMME ON BIOFUELS AND FUEL CELL-FUNDAMENTALS AND APPLICATIONS (3.12.2018 to 9.12.2018), organized by Department of Mechanical Engineering, Faculty of Engineering and Technology, Annamali University, Chidambaram. Dated: 4.12.2018.
19. Murugesan A "**ALTERNATIVE ENERGY SOURCES**" Two weeks faculty development and training programme on ME 6602 Automobile Engineering (3.12.2018 to 15.12.2018) Sponsored by Center for Faculty Development, Anna University, Chennai-25. organized by : Mahindra Institute of Technology, Tiruchengode. Dated: 6.12.2018.

- 20 Murugesan A”**FILLING: PATENT –TRADE MARK- DESIGN AND COPY RIGHT- OVER VIEW.**” One day AICTE/MHRD Sponsored “Work shop on IPR for Students and Faculty Members” organized by: Mahindra Engineering College, Tiruchengode. Dated: 10.01.2019.
- 21 MurugesanA,”**SAVE THE ENVIRONMENT FROM POLLUTION USING RENEWABLE ENERGY**” **Lecture series** organized by Library & NDIL Club, K.S.Rangasamy College of Technology. Dated: 20.12.2019
- 22 Murugesan A,” **POWER HUMAN THOUGHT**” **12thbook** Expert’s Talk Programme organized by Library & Readers Club, K.S.Rangasamy College of Technology. Dated: 20.01.2020
- 23 Murugesan A “**FUELS & ENGINES**” subject expert talk on Tech Web Series 2020, organized by Department of Mechanical Engineering , K.S.Rangasamy College of Technology. Dated: 02.05 .2020.
- 24 Murugesan A subject expert talk on “**THERMAL MODULE OVERVIEW** ” for 2020-2021 batch First year B E Mechanical Engineering STUDENTS, K.S.Rangasamy College of Technology. Dated ; 20.08.2020.
- 25 Murugesan A motivation talk “**EVERY ONE CAN WIN** ” for 2020-2021 batch First year B E/B.Tech Students **INDUCTION PROGRAME(SIP)** K.S.Rangasamy College of Technology.Dated:10.11.2020
- 26 .Murugesan A acted as a resource person for AICTE Training and Learning (ATAL) funded Faculty Development Program on Quantum Computing lecture topic on “Way to lead a happy and successful life” organized by Department of Computer science & Engineering, ,K.S.Rangasamy College of Technology Dated 08.01.2021
27. Murugesan A acted as a resource person for Faculty Induction Programme conducted in virtually. lecture topic on “Why R& D? organized by K.S.Rangasamy College of Technology, Dated ; 16 04 .2021
- 28 Murugesan A acted as a resource person for AICTE Training and Learning (ATAL) funded Faculty Development Program on Quantum Computing lecture topic on “ **Success Mantra to Lead a Happy Life**” organized **Government College of Engineering, Sengipatti, Thanjavur - 613402** Dated; 25.06.2021
- 29.. Murugesan A acted as a resource person for AICTE Training and Learning (ATAL) funded Faculty Development Program on “Block Chain Technology” lecture topic on “**Unlocking our true potential**” organized **Government College of Engineering, Government College of Engineering, Dharmapuri** Dated; 24 .08.2021
- 30 Murugesan A acted as a resource person for. **National Youth Council Of India(NYCI), - Namakkal division** organied webinar on "**SUCCESS MANTRA FOR HAPPY AND PEACEFUL LIFE**". ” Dated; 29 .08.2021
- 31 Murugesan A acted as a resource person for. invited talk “**SUCCESS MANTRA FOR HAPPY AND PEACEFUL LIFE** ” for **2021-2022 batch First year B E Students INDUCTION PROGRAME(SIP)** **K.S.Rangasamy College of Technology. Dated:2.11.2021** ”
- 32 Murugesan A acted as a resource person for One day On-Site **Training programme on “ Work Shop Practices on Mechanical Machineries** “for Tamil Nadu Electricity board (TNEB) Engineers/ REWS staff lecture Topic on “ **Working Of Drilling Machines, Planning Machines, Grinding Machines, Cnc Machines Accessories , Tools, Operations And Its Applications**“ at K S Rangasamy College of Technology , Tiruchengode. Dated ; 16.03.2022

33. Murugesan A acted as a resource person for One day **Training programme on “ Mechanical Auxiliary Equipment** “for Tamil Nadu Electricity board (TNEB) Engineers/ REWS staff lecture Topic on **“Operation Maintenance Mechanical Auxiliaries – Valves, Pumps, Compressors, Bearings, E O T Cranes and Cooling water system** “ at Hydro Training Institute & Research centre. Kuthiraikalmedu. Tamil Nadu. Dated ; 25.3.2022

35. Dr.A.Murugesan acted as a resource person for Faculty Induction Programme for Newly Joined Faculties in K S Rangasamy College of Technology lecture topic on **“How To Write Funding Research Proposal”** organized by K.S.Rangasamy College of Technology, Dated ; 30. 04 .2022

ADMINISTRATIVE EXPERIENCE

1. Acted as Anna University Representative in ANNA UNIVERSITY Examinations.
2. Acted as Chief Examiner in ANNA UNIVERSITY central valuation.
3. Acted as NBA and NAAC Coordinator.
4. Acted as Anna university Nodal center coordinator at K.S.Rangasamy College of Technology, Tiruchengode.
5. Acted as Chairman Board of Studies in B.E. Mechatronics and M.E Industrial Safety Engineering .
6. Approved Ph.D / M.Tech (By Research) Supervisor in faculty of Mechanical Engineering. Approved by Anna University - Chennai.
7. Acted as an Chief Examiner in Tamil Nadu public service Commission Examinations conducted in K S Rangasamy college of Technology
8. Headed the Department of Mechatronics and Industrial Safety Engineering for 5 Academic years.
9. Acted as a jury national and international conference.
10. Acted as a result passing board member of M. E (Thermal Engineering) and M. E (Energy Engineering) in Annamali University.
11. Acting as panel of examiner in Tamil Nadu public service Commission Examinations.
12. Acted as Board of studies member for department of Mechatronics engineering in Sona college of technology- Salem.
13. Acted as a Board of Study member of M.Tech (Thermal Engineering) Department of Mechanical Engineering, Sandip University- sijoul Madhubani. Bihar.

INTERNATIONAL and NATIONAL JOURNAL REVIEWER

S.No	Title of Journals
1.	International journal of Renewable and sustainable energy
2.	International Asia-Pacific journal of chemical engineering
3.	International Journal of Green Energy
4.	International Journal of Ambient energy
5.	International Journal of Procedia Engineering
6.	International Journal of Measurement and Control
7.	International Journal of Thermal Analysis and Calorimetry
8.	International Journal of scientific reports.
9.	Journal of The Institution of Engineers (India): Series C.
10.	Technical editor in International journal of Technology Today
11.	Technical consultant in international journal of Engineering Technological Research
12.	Technical consultant in international Journal of Engineering Technology and Management Science.
13.	Assignment editor in Journal of Electrical Electronics & Computer Engineering

	Research.
14.	Consulting Editor in international Journal of Engineering Today.
15.	Technical reporter of international journal of The Technology World.
16.	Consulting Engineer in Journal of Automotive Mechanical & Aerospace Engineering Research.
17.	Consulting Editor in national Journal of Engineering Today.
18.	Alexandria Engineering Journal



DECLARATION

I hereby declare that the above given details are true to the best of my knowledge and I also abide by the decision of the scrutinizing panel.

Date : 05.07.2022

Station: Tiruchengode

Signature
(Dr.A.Murugesan)