

Faculty Profile

1. Name : RAVI. M
2. Designation : Professor
3. Date of Joining : 01.06.2007
4. Nature of Association : Regular
5. E mail : ravi@ksrct.ac.in
6. Mobile no. : +91 9865116888



7. Academic Qualifications:

Course	Name of the Institution / University	Year of Passing	% of Marks	Class
Ph.D (IC engine)	Annauniversity , Chennai, India	Dec 2017	-	-
M.E(Mechatronics)	Kongu Engineering College - Perundurai	May 2007	78	First with distinction
B.E. (EEE)	K.S.Rangasamy College of Technology	April 2000	58	SECOND
H.S.C.	Sengunthar higher secondary school	April 1996	85	First
S.S.L.C.	Sengunthar higher secondary school	APRIL 1994	72.4	First

8. Teaching Experience

- **Professor**, K.S.Rangasamy College of Technology, Tiruchengode, from 02.01.2018 to till-date.
- **Associate Professor**, K.S.R. College of Engineering, Tiruchengode, from 01.06.2017 to 1.01.2018.
- **Assistant Professor**, K.S.R. College of Engineering, Tiruchengode, from 01.06.2010 to 31.05.2017.
- **Lecturer**, K.S. Rangasamy College of Technology, Tiruchengode, from 01.06.2007 to 31.05.2010.
- **Lecturer**, Arulmigu Chandigeshwara Polytechnic College, Coimbatore, from 25.07.2001 to 25.06.2004.

9. Projects

Under Graduate

Title: "Data monitoring and control with online Graphics"

Post Graduate

Title: "Temperature Measurement Of Last Foam Casting Process Using Lab View"

Ph. D

Thesis title: “Experimental Exploration On Di Ci Engine Characteristics Fuelled By Diesel – Bio Diesel Blends With Biogas In Dual Fuel Mode”

10. Publications

International Journals

1. **Ravi, M**, Vijayakumar, KCK & Murugesan, A 2016, ‘Certain Explorations On The Effect Of Performance Characteristics Of Dual Fuel Diesel Engine Run On Lime Treated Biogas’, Asian journal of research in social sciences and humanities, vol.6, no.6 pp. 226-238. (Updated List of Journals-2016) Impact Factor SJIF :5.997
2. **Ravi, M**, Vijayakumar, KCK Murugesan, A & Kannadhasan, R 2016, ‘Performance, Emission, Noise and Vibration Characteristics of biogas-diesel dual fuel compression ignition engine, journal of advances in chemistry, vol.12, no.12, pp. 4588-4592. (Annexure I) Impact Factor 0.71
3. **Ravi, M**, Vijayakumar, KCK, Arunprasath, P & Aswin, S 2016, ‘Performance and Emission Characteristics of Lime treated Biogas in Dual Fuel Mode in Single Cylinder Diesel Engineusing Electronic Fuel Injector’,International Journal of Chem Tech Research, vol. 9, no. 2, pp. 01-09. (Annexure II) Impact Factor 0.598
4. **Ravi, M**, Vijayakumar, KCK & Murugesan, A 2015, ‘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, vol. 8, no. 1, pp. 11-19. (Annexure II) Impact Factor 0.66
5. PS Kumar, M Ravi, KCK Vijayakumar 2016 Risk Assessment for Machinery Shop in Automobile Industry,International Journal of Mathematical Sciences and Engineering (IJMSE), Volume – 5, Issue-1
6. C.Ramesh , M.Ravi, KCK.Vijayakumar 2015 Zero Accident Vision Using Safety Audit Journal of Mathematical Sciences and Engineering (IJMSE), Volume – 4, Issue-1
7. Prof.M.Ravi Dr. KCK.Vijayakumar Mr. S. Rajaprasad 2013 Experimental Investigation On Performance And Emission Characteristics Of Nonpreheated And Preheated Biogas Addition In The Single Cylinder Compression Ignition Engine, IJAICT Volume -1, Issue-1, May 2014.
8. Dr.M.Ravi, T Jeevanadham, S Karthick, A Naveen 2018 Implementation of IOT Prosthetic ROBO arm, International Journals of scientific Research and Review, Volume – 7, Issue – 12,pp 482- 486.
9. M.Ravi, A Arunprasath, S Ashwin, R Balachandar 2016, Automated public ration and distribution system, International journals of Mathematical science and engineering, Volume -5, Issue -1, PP 85-90.

10. M Ravi, KCK Vijayakumar, A Murugesan, 2016, Effect of Electronic flow on performance and emission characteristics of dual fuel diesel engine run on biogas, International journals of advanced Engineering Technology, Volume -7, issue-1, PP 177- 181.
11. M Ravi, K Nandhakumar, G Raghuramanathan, N Vignesh, 2018. Automatic Sand Box filling machine in railways, International journals of Emerging Engineering Technology, Volume-4, PP 1-5.
12. M Ravi , A Chandran, K Sathishkumar, V Santhosh, 2018, To study and Rebuilding of fire protection and prevention system in high risk building and in steel plant, International journals of Research and development in Technology, Volume -9, issue-3, PP 365-370.
13. M Ravi, V Santhosh, M Baskar, U Murali, 2017, Risk assessment and control measures in construction Industry, International journals of Emerging and management Research, Volume -7, Issue -4, PP 302-304.
14. M Ravi, KCK Vijayakumar, M Ashok kumar, T Gunaselan, 2015, Experimental Investigation on emission and performance characteristics of single cylinder diesel engine lime treated Biogas , International journals of Chem Tech Research, Volume -7 , Issue -4 , PP 1720-1728.
15. M Ravi, P Vijayaprabakaran, N Periyasamy, C Kannan, 2015, Performance and Emission characteristic of four stroke diesel engine using Biogas, International journals of Engineering Resource Online, Volume -3, Issue -2, PP 414-422.
16. M Ravi, K S Shriram, V K Senthilkumar, V Vasantharaj, 2018, Safety Management System for cement Industry, International journals of Latest Engineering and Management Research, Volume -3, Issue – 4, PP- 01-05.
17. M Ravi, 2018, Vibration Analysis in Single Cylinder Diesel Engine Using Preheated Biogas @60 C as a Fuel, International Journal of Taga, Volume -14, PP 1455-1462.
18. M Ravi, 2018, Investigation of DICI Engine Characteristics Fuelled Using Treated Biogas by Manifold Injection and Direct Injection, International Journal of Taga, Volume -14, PP 1850-1861.
19. M Ravi, P Sridharan, V K Senthikumar, 2018, Implementation Strategy of Lock Out and Tag Out (LOTO) Electrical System for Paper Industry, International Journal of Applied Science and Engineering, Volume -6, Issue -1, PP 01-10.
20. M Karthick, M Ravi, 2019, Risk Assessment and Safety of workers on confined Space, International Journal for Research and development in Technology, Volume -12, Issue -2, PP 39-49.

11. Summer Training Programmes

S.No.	Title	Duration	Date / Month & Year
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			From	To
1.	Improving Your Api Scores Based On Ugc Regulations	One Day	28/08/2017	
2.	National Mission On Education	Ten Days	02/12/2014	12/12/2014
3.	Recent Trends In Mechatronics And Industrial Safety Engineering	One Day	24/03/2015	-
4.	Two Day Workshop on LabVIEW	2 Days	21st January 2008	22nd January 2008
5.	Auto-Telematics	2 Days	10 th October 2008	11 th October 2008
6.	Emphasis on fluid power system at low cost automation for textile industries	2 Days	30 th January 2009	31 st January 2009
7.	Mechatronics based Instrumentation for manufacturing automation	2 Days	12 th November 2009	13 th November 2009
8.	Eco Friendly Automated Vehicles Powering the green revolution	2 Days	26 th August 2010	27 th August 2010
9.	Emerging application of nanofluid in mechanical engineering	2 Days	15 th March 2011	16 th March 2011
10.	Advanced applications of polymer nanocomposites in aerospace and defence industry	2 Days	20 th January 2012	21 st January 2012
11.	Mechatronics for dual fuel technology in automobiles	2 Days	20 th February 2013	21 st February 2013
12.	Recent Trends in mechatronics and industrial safety engineering	1 Day	10 th April 2013	--
13.	Recent trends in auto mechatronics	1 Day	18 th February 2014	--
14.	Graphical system design using LabVIEW	2 Days	25 th February 2014	26 th February 2014
15.	Recent trends in mechatronics and industrial safety engineering	1 Day	25 th March 2014	--
16.	Two Week ISTE STTP on Pedagogy for Effective use of ICT	26 Days	5 th January 2015	31 st January 2015
17.	Recent trends in mechatronics and industrial safety engineering	1 Day	24 th March 2015	--

12. Funds Received to Organize the Seminar

- Received Grants-in-aid Rs. 30,000/- by Council Of Scientific and industrial Research (CSIR) to conduct the two days seminar on “Mechatronics for dual fuel technology in automobiles” on 15-16Feb, 2013 at K. S. Rangasamy College of Technology, Tiruchengode – 637 215. **Letter sanctioning grant-in-aid /SYM/7692/12/HRD Dated. 24.12.2012.**
- Received Grants-in-aid Rs. 30,000/- by Council of Scientific & Industrial Research (CSIR) to conduct the two days seminar on “Mechatronics based instrumentation for manufacturing Automation” on 05-06 November, 2009 at K. S. Rangasamy College of Technology, Tiruchengode – 637 215. **Letter sanctioning grant-in-aid No. SYM/4724/09-HRD Dated. 01.10.2009.**

- Received Grants-in-aid Rs. 20,000/- by Council of Scientific & Industrial Research (CSIR) to conduct the two days seminar on “micro mechatronics with special Emphasis to medical applications ” on 10-11 august , 2008 at K. S. Rangasamy College of Technology, Tiruchengode – 637 215. . **Letter sanctioning grant-in-aid No. SYM/4395/08HRD Dated. 26.08.2008**
- Received Grants-in-aid Rs. 35,000/- by Council of Scientific & Industrial Research (CSIR) to conduct the two days seminar on “advanced applications of polymer nanocomposite in aerospace and defence industries ” on 15-16-November, 2011 at K. S. Rangasamy College of Technology, Tiruchengode – 637 215. **Letter sanctioning grant-in-aid No. SYM/6653/11-HRD Dated. 08.11.2011.**
- Received Grants-in-aid Rs. 30,000/- by Council of Scientific & Industrial Research (CSIR) to conduct the two days seminar on “Emerging applications nanofuild in mechanical engineering ” on 10-11-march, 2011 at K. S. Rangasamy College of Technology, Tiruchengode – 637 215. **Letter sanctioning grant-in-aid No. SYM/606/11-HRD Dated. 19.1.2011**

13. Awards and Recognizions

- Received Best Scientist - IC Engines 2018 from Rula International Journal for Research Under Literal Access 2018 on 12.11.2018

14. Resrach Activities

- **Reviewer** for
International Journal of advances in chemistry

15. Personal Details

Fathers Name : **R.Murugesan**

Date of Birth & Age : 30.05.1979 & 40Years

Gender : Male

Marital Status : Married

Permanent Address : **8 A, Kiramadai ,I street**
Suramppatti,
Erode-09,
Tamilnadu, India.