

CURRICULUM VITAE

Name: SIRAJ SAYYED RAFIK

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Date of Birth: 14th November 1986



Academic Credentials

Class/ Degree	Specialization	Institution	University	Year	% / CGPA	Class
Ph.D.	Mechanical	IIT (ISM), Dhanbad	IIT (ISM), Dhanbad	-	-	<i>Pursuing</i>
M. Tech.	Mechanical (Heat Power)	MIT, Aurangabad	Dr. B. A. M. U., Aurangabad	2014	67.11	<i>First Class</i>
B.Tech.	Mechanical	MIT, Aurangabad	Dr. B. A. M. U., Aurangabad	2008	72.25	<i>Distinction</i>

M. Tech. Project: Characterization of Biodiesels

Ph.D. Research: Performance and Emission Analysis of Diesel Engines fueled with Alternate Fuels

Key Research Areas: Alternate Fuels, IC Engines, Manufacturing, Etc.

Experience

Sr. No.	Organization	Post	From	To	No. of Years
1	Maharashtra Institute of Technology, Aurangabad	Asst. Professor	July 2015 to till date		4.5
2	FTC, COER, Sangola	Lecturer	2012 to 2015		03
3	Maharashtra Institute of Technology, Aurangabad	Research Scholar	2011-2012		01
3	MIT Polytechnic, Rotegaon	Lecturer	2008 to 2011		03

List of Courses Taught/Teaching at UG level

Strength of Materials

Thermodynamics

Alternative Energy Sources

List of Courses Taught/Teaching at PG level

Advanced IC Engines

Additional Assignments/Duties

➤ Worked as Paper setter for University Examinations

- Worked as Internal / External Examiner for University Examinations
- Worked as Lab Development Coordinator
- Worked as Time Table Coordinator

Membership of Professional Bodies

- Life member of Indian Society for Technical Education (ISTE), Delhi: LM-95312
- Life member of Indian Society for Heat and Mass Transfer (ISHMT), IIT Chennai: LM-947
- Life member of Institution of Engineers (IEI), Kolkata: M-1564484
- Chartered Engineer[India] certified from Institution of Engineers (IEI), Kolkata: M-1564484

Computer/Software Proficiency

- Auto CADD, Solid Edge, Pro/E Wildfire, and Unigraphics NX
- Minitab 17 (Statistical Software)
- MS Office (MS Word, MS Excel, MS Power Point)

Seminar/Workshop/ Industrial Training/ STTP//FDP/CEP/Conference Attended

- Attended the seminar on World Class Manufacturing and Entrepreneurship Awareness program at Government Polytechnic College, Aurangabad
- Attended the Entrepreneurship Awareness program at Maharashtra Institute of Technology, Aurangabad
- Participated in National Level CAD/CAM competition organized by Expert Net CAD Solutions, Aurangabad
- Attended short term training program on Hot Rolling of Steels and Its Applications at Government Polytechnic College, Jalna
- Attended content update program on Strength of Materials at S.E.S. Polytechnic, Solapur
- Two days' workshop attended on Outcome Based Education at Maharashtra Institute of Technology, Aurangabad
- One Week workshop attended on Lab-View: Modern Tools and Techniques in Engineering Education at Maharashtra Institute of Technology, Aurangabad

List of Research Publications

Papers in National/ International Journal

- Characterization of Biodiesels: A Review (2013) communicated in International Journal of Engineering Research and Technology, IJERTV2IS100795, Volume 2, Issue 10, PP 2077-2082

- Performance and Emission Characteristics of Diesel Engine Fuelled with Biodiesel and Its Blends: A Review (2013) communicated in International Journal of Engineering Research and Technology, IJERTV2IS100953, Volume 2, Issue 10, PP 3235-3243
- Effect of Acid and Iodine Value of Karanja Oil Methyl Esters and Its Statistical Correlation with Gross Calorific Value (2013) communicated in International Journal of Research in Engineering and Technology [DOI:10.15623/ijret.2013.0211104], Volume 2, Issue 11, PP 680-685
- Effect of Individual Physio-chemical Properties of Karanja Oil Methyl Esters (KOME) and Its Statistical Correlation with Gross Calorific Value (2013) communicated in International Journal of Research in Engineering and Technology [DOI:10.15623/ijret.2013.0212022], Volume 2, Issue 12, PP 125-131
- Effects of Thermal, Physical and Chemical Properties of Biodiesel and Diesel Blends (2017) communicated in American Journal of Mechanical and Industrial Engineering [DOI:10.11648/j.ajmie.2017201.14], Volume 2, Issue 1, PP 24-31
- Siraj Sayyed, H. M. Dharmadhikari and Nilesh Gore, Modelling of Roughness values from Tribological parameters in hard Turning of AISI 52100 steel. Procedia Manufacturing 20 (2018) 344–349.

Books/ Book Chapter

- Sayyed Siraj and Hanumant M. Dharmadhikari, an Experimental and Statistical Investigation of Density and Viscosity of Biodiesel and Diesel Blends. Book Chapter in CRC Press T&F Publications. Book Publication July-2018

Papers in National /International Conference Proceedings

- Siraj Sayyed, H. M. Dharmadhikari and Nilesh Gore, Modelling of Roughness values from Tribological parameters in hard Turning of AISI 52100 steel. Int. Conference on Materials Manufacturing and Design (iCMMD), MIT College, Aurangabad. December 11-12, 2017.
- An Experimental and Statistical Investigation of Density and Viscosity of Biodiesel and Diesel Blends presented in 1st International and 18th National ISME Conference held at National Institute of Technology, Warangal (Andhra Pradesh), India.
- An Experimental and Statistical Investigation of Roughness Value from Tribological Parameters in 60 HRC 100Cr6 Steel (2017) presented in 3rd Annual International Conference on Emerging Trends in Mechanical Engineering and Agricultural Engineering (Techantra-17) organized by TGPCET, Nagpur (Maharashtra State), India
- Ways to Achieve Eco-Friendly Manufacturing in Manufacturing Operations (2017) presented in 3rd Annual International Conference on Emerging Trends in Mechanical

Engineering and Agricultural Engineering (Techtantra-17) organized by TGPCET, Nagpur (Maharashtra State), India

- Siraj Sayyed, R K Das, Kishor Kulkarni, Experimental Investigation and Development of Correlation for Pongamia Pinnata Biodiesel. Presented in International Conference on New Energy Vehicle and Vehicle Engineering, Seoul, South Korea. October 26-28, 2018.

Awards, Achievements and Recognition

- Received best paper certificate for manuscript titled Experimental Investigation and Development of Correlation for Pongamia Pinnata Biodiesel.

Date: 23.07.2021

Place: Aurangabad