MANOJ KUMAR C V

ASSOCIATE PROFESSOR

ADDRESS

OFFICE
Department of Mechanical Engineering
LBS College of Engineering
Muliyar Post
Kasaragod - 671542

RESIDENCE
Gramam.6 Mukkattukara P. O.
Nettissery Trissur-680651

CONTACT

PHONE:
9895663157

WEBSITE:

EMAIL:
manumithul@gmail.com

EDUCATION

COLLEGE OF ENGINEERING GUINDY
2023
Ph.D. IN MECHANICAL ENGINEERING

COLLEGE OF ENGINEERING TRIVANDRUM
2005-2007
M TECH IN PROPULSION ENGINEERING

GOVERNMENT ENGINEERING COLLEGE THRISSUR
1987-1991
B TECH IN MECHANICAL ENGINEERING

TEACHING EXPERIENCE

L B S COLLEGE OF ENGINEERING
JUNE 1998 to AUGUST 2002

L B S I T W POOJAPPURA, THIRUVANANTHAPURAM
AUGUST 2002 to AUGUST 2023

L B S COLLEGE OF ENGINEERING
AUGUST 2023 to till date

RESEARCH INTERESTS

Combustion

Journals

- Manojkumar, CV, Thomas, JJ, Sabu, VR & Nagarajan, G 2018, 'Reduced Chemical Kinetic Mechanism for a Waste Cooking Oil Biodiesel / n-Pentanol Mixture for Internal Combustion Engine Simulation', Energy & Fuels, vol. 32, no. 12, pp. 12884–12895, Impact Factor : 3.605.
- Justin Jacob Thomas, Manojkumar, CV, Sabu, VR & Nagarajan, G. 2020, 'Development and validation of a reduced chemical kinetic model for used vegetable oil biodiesel/1-Hexanol blend for engine application. Fuel 2020, 273, 117780. https://doi.org/ 10.1016/ j.fuel. 2020.117780, Impact Factor : 6.609.
- Thomas, JJ, Nagarajan, G, Sabu, VR, Manojkumar, CV & Sharma, V. 2022, 'Performance and emissions of hexanol-biodiesel fuelled RCCI engine with double injection strategies', Energy, vol. 253, pp. 124069. https:// doi.org/10.1016/j.energy.2022.124069, Impact Factor : 7.147.
- Chemical Mechanism for High Temperature Combustion of Isooctane with emphasis on soot formation. International Journal of Advances in Science and Technology ISSN: 2229 5216, Vol: 3, No. 3, 2011
- Reaction pathways in High temperature combustion of Iso-octane. International journal of Modern Engineering Research (IJMER) Vol.2, ISSUE-1, PP-021-206 ISSN : 2249-6645
- A Reduced Reaction Mechanism for Isooctane Combustion. International Journal ofEngineering Science and Technology (IJEST) ISSN : 0975-5462, Vol: 3, No. 5, May2011

Membership in Professional bodies

Life member in Indian Society for Technical Education (ISTE)

Administrative Works

- HOD ME Department from

Subjects Taught

UG: Engineering Graphics, Fluid Mechanics, Fluid Machinery

FDP/STTP Attended

- Entrepreneurship – New Developments, Government College of Engineering
- Outcome Based Education and NBA Accreditation Process, LBSITW Poojappura