







FACILITIES

Laboratory Facilities


1	CAD Lab	
2	Fluid Mechanics and Machinery Lab	
3	Thermal Lab	
4	Instrumentation Lab	

5	Production Engineering Lab	
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General Workshop

1	Smithy Shop	
2	Carpentry Shop	
3	Foundry Shop	
4	Sheet Metal	
5	Welding Shop	
6	Fitting Shop	



Research Facilities

1	Tool makers microscope	
2	Infrared Thermometer	
3	Stroboscope	
15	Ansys Fluent Software	
16	MAT LAB Software	
17	Solid Works Software	
18	Auto CAD software	

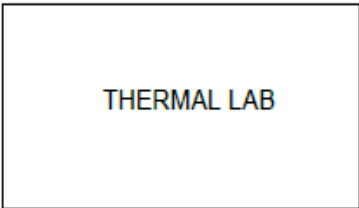
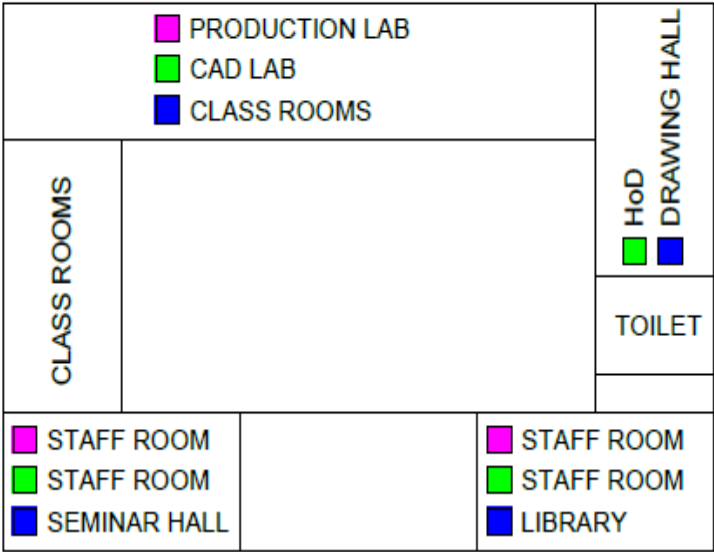
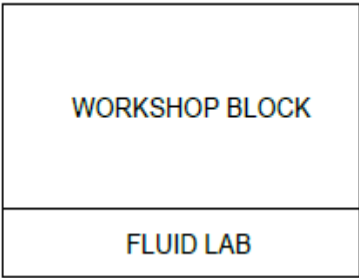
Testing Facilities Available

1	Pipe Testing
2	Vibration Analyser
3	Pressure Gauge calibration

Other Facilities

1	Department Library	Houses about 500 books, periodicals, project reports, thesis, technical magazines Total area: 25 m ²	
2	Seminar Hall	supported by audio and video systems Seating capacity: 90	

Layout of Department of Mechanical Engineering



- GROUND FLOOR
- FIRST FLOOR
- SECOND FLOOR

PUBLICATIONS DETAILS

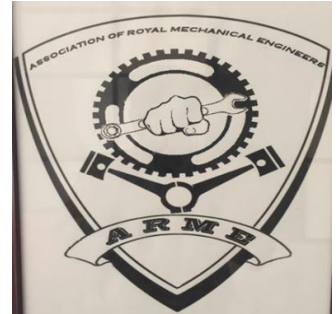
Year of Publication	International Journals	International Conferences	National Conference
2018		<ul style="list-style-type: none"> P. P. Yoosaf, C. Gopu & C. P. Sunil Kumar, "Properties of biodiesel and blends: An investigative and comparative study", 5th Biennial International conference on Emerging-Trends-in-Engineering-Science-and-Technology-for-Society-Energy, 18 January 2018, Taylor & Francis Group, London, ISBN 978-0-8153-5760-5. 	
2018		<ul style="list-style-type: none"> P. P. Yoosaf, C. Gopu & C. P. Sunil Kumar, "Periodic Fish Biodiesel Degradation: Experimental Analysis on Engine Performance and Emission" on behalf of 1th International conference on recent advancements in engineering and technology, [iCORTEch], Kasaragod, Kerala, 2018 December 18-19, 2018. 	
2018		<ul style="list-style-type: none"> K. Sandeep & Dr. M. Sekar, "Experimental Analysis of Properties of Biolubricant Derived from Palm Kernel Oil", Emerging Trends in Engineering, Science and Technology for Society, Energy and Environment: Proceedings of the International Conference in Emerging Trends in Engineering, Science and Technology (ICETEST 2018), January 2018, Taylor & Francis Group, London. 	
2016		<ul style="list-style-type: none"> P. P. Yoosaf, Aboobacker Kadengal,"CFD ANALYSIS OF VENTILATED ENCLOSURE WITH VARIOUS CONFIGURATIONS, Futuristic Advancements in Mechanical Engineering (FAME-2K16), College of Engineering Thalassery, 2016. 	
2016		<ul style="list-style-type: none"> P. P. Yoosaf, Aboobacker Kadengal , "Flow And Temperature Distribution In A Ventilated Enclosure With Various Inlet-Outlet Configurations" on behalf of 2nd national conference, Technological Advancements in Engineering, SNGCET Payyanur, 2016. 	

2014	<ul style="list-style-type: none"> ▪ Abdul Samad P.A., Sandeep K & Dr. Shalij P. R., “Mathematical Modeling and Computer Simulation of Particle Gradient Distribution in a Vertical Centrifugally Cast Functionally Gradient Composite”, INTERNATIONAL JOURNAL OF INNOVATIVE RESEARCH IN SCIENCE, ENGINEERING AND TECHNOLOGY, Vol. 3, Issue 7, July 2014
2013	<ul style="list-style-type: none"> ▪ Sandeep K & D Mahipal "EFFECT OF BENZOIC ACID ON ANTI-WEAR PROPERTIES OF VEGETABLE LUBRICATING OILS" National Conference on Advances in manufacturing Systems And Processes, 2013

COURSES ORGANIZED BY THE DEPARTMENT

Coordinators	Title	Duration	Sponsoring Agency
Prof. LEO A J	Base level training on AUTODESK AutoCAD 2D Drafting and Plotting.	15 Hours	ME Dept.
Prof. LEO A J	Comprehensive training on Mechanical MEP (HVAC, Plumbing & Fire Fighting) Systems Design & Drafting	135 Hours	ME Dept.

MECHANICAL ENGINEERING ASSOCIATION (ARME)



Year 2018-19

- Three Day Internship Program on “Introduction to MEP/NDT/Oil & Gas/QC/HVAC”, 26th of July 2018.



- “Enhancement of student – Teacher Relationship”, 21/07/2018(Saturday).



- “FROM SCHOOL TO COLLEGE” and the session was handled by Mrs. Beena Dharman (Royal college student counselor), 08-08-18.



- Teachers' day celebration on 05-09-18.



- One day motivational session for first year students by Praveen Chirayath(corporate trainer - Industries & academic institutions)



- Mission 100 – a felicitation ceremony, for who got excellent results in APJ Abdul Kalam KTU examination May 2018.



Students Achievements/ Students Awards

College Toppers for the period 2018- 2019



ANAS P A



ARUN R MENON



MOHAMMED HARRIS N A

Year of admission	First year	Second year	Third year	Fourth year
2018	-	-	-	-
2017	ANAS P A	-	-	-
2016	ARUN R MENON	ARUN R MENON	-	-
2015	MOHAMMED HARRIS N A	MOHAMMED HARRIS N A	MOHAMMED HARRIS N A	-

- Mr. Musfar Ibrahim (S7 ME-B) has got selection in University Inter Zone chess championship.
- Mr. Mohamed Rafeeq N (S5 ME), Mr. Fadil Fakhrudeen (S7 ME) secured Consolation prize (Runner up) in innovation challenge during Innovation & Entrepreneurship Summit at FISAT.
- Aswin Thambi (S5 ME), Mr. Mohamed Rafeeq N (S5 ME) and Mr. Fadil Fakhrudeen (S7 ME) has secured First position with a cash prize of 25000 in Hardware Hackathon during innovation and entrepreneurship summit at FISAT.
- Mr. Fadhil Fakhrudeen (S7 ME) has secured final round of IDEAFEST 2018 by Kerala startup mission and sanctioned 2 lakh for his idea.
- Mr. Hafis Ali T has got selection in University Inter Zone Volleyball championship.
- Mr. Hariprasad C.C. (S7 ME) has got placement in IDBI Federal Life Insurance Co Ltd, as agency leader.
- Mechanical engineering crickets team has secured First position in College cricket tournament, as the part of sports Meet 2018.
- Mechanical Engineering Volleyball team has secured First position in college volleyball championship, as the part of sports Meet 2018.
- Mr. Mohamed Rafeeq N (S5 ME) & Mr. Ihsanu Rahman (S5 ME) has secured first prize in Assembly Master (Technical Event) as the part of COGNITO-2018 Techfest.
- Mr. Riju Simon (S3 ME) & Mr. Nikhil K P (S3 ME) has secured first prize in Mr. Machinist (Technical Event) as the part of COGNITO-2018 Techfest.
- Mr. Mohammed Khameem has secured first prize in Paper Presentation (Technical Event) as the part of COGNITO-2018 Techfest.
- Mr. Mohammed Sadhik K M has secured first prize in Workshop Events (Technical Event) as the part of COGNITO-2018 Techfest.




- Mr.Mohamed Rafeeq N (S5 ME),Mr.AswinThambi(S5 ME)designed a new fire extinguisher,powered by sound waves of particular frequency.The device has speaker and battery.The device could be used in fire and rescue operations.Demonstartion of fire extinguisher inaugurated by Cine actor Nivin Pauly.



University Ranks



Placement Details

PLACEMENTS RECORD 2018-19	
IDBI-FEDERAL BANK INSURANCE Co Ltd	
Salary: 3 Lakhs / Annum	
	
Hariprasad S7 ME	