

Toc H Institute of Science & Technology, Arakkunnam

Department of Mechanical Engineering

Achievements

Academic Year 2016-17

Pass Out Batch	Students placed in companies or govt. sector	Students turned entrepreneur in Engineering	Students Cleared IELTS
2013-2017	35	1	3

RESEARCH CONSULTANCY DETAILS

SI No	Date	Details of Research work	Institution	No of students
1	31-8-16 to 01-09-16	Diesel and jatropha addition with nano particles	MACE kothamangalam	5
2	06-01-17 to 7-01-17	Performance testing using petrol at various compression ratios	College of engineering Adoor	4
3	07-03-17 to 10-03-17	Performance testing of biodiesel with nano particles at various compression ratios	MACE kothamangalam	6
4	20-03-17	EGR testing of petrol engine at various compression ratios by varying the loads	School of Engineering(CUSAT) Kalamassery	5
5	23-03-17	Analyzing of exhaust gas using gas analyzer on diesel engine	MACE kothamangalam	4
6	24-03-17	Emission testing on orast apparatus of biodiesel blends. Diesel blended with sunflower oil in different compression ratio and loads	MBITS,kothamangalam	4
7	03-04-17	Load test-Biodiesel blending diesel in B20D proportion	Rajagiri school of engineering and technology	2
8	10-04-17	Biodiesel blends rubber seed oil and cashew shell oil	Ilahia college of engineering and technology	6

Inplant Training

Pass – Out Batch	Industry	Student Numbers
2017	CSL	4
	CIFNET	8

KSRTC	20
Cochin Port Trust	10
HMT	3
HOCL	5
CORONA INSTITUTE	8
BPCL	10
BOSH	9

INDUSTRIAL TRAININGS AND VISITS – 2016-2017

Sl. No.	Company Name	Sector	No. of Students	Duration (No. of days)
1	Pee kay Steels Calicut	Steel Casting	2	11
2	Volkswagen	Service	2	6
3	FACT	Chemical industry	5	6
4	Jaguar	Service	3	11
5	Fenwick & Ravi	Machine Tools	4	13
6	CIFNET	Marine Engg. Workshop	2	5
7	Harley Davidson	Service	1	13
8	Daikin	R&D and Service	4	45
9	Steel Industrial Kerala Ltd	Steel Industry	4	8
10	CIFNET	Marine Engg. Workshop	21	5
11	KAMCO	Agro Machinery	2	14
12	Cochin Port Trust	IC engine and automobile	6	10
13	Nippon, Toyota	Service	3	5
14	Cochin Shipyard	Ship building and welding	6	10
15	HMT Machine Tools	Design, Production, assembly & inspection	20	10
16	Royal Enfield	Sales & Service	13	12
17	Impact Safety Glass Works Pvt. Ltd.	Automotive Glass manufacturing	4	7
18	FACT	Chemical industry	57	5

CONSULTANCY / JOB ORDERS

YEAR	AMOUNT (Rs)	FIRM	WORK
2016-17	80,000/-	Projects by students from other institutions	Research work on VCR Engine, TE lab
Student Achievement 2016-17			
Name	Class	Semester	Achievement
Jose J Pulikunnel	B.Tech.	S6	Successfully undergone 6 weeks training from Daikin Air-conditioning India Pvt Ltd (DAIPL) at Neemrana, Rajasthan.
Jithin Thampy			
Sachin Mathew			
Prince John Joseph			
Shareef K	B.Tech.	S8	Secured Second position in 4×400 mts. relay in the CUSAT Intercollegiate Athletic meet
Arjun S	B.Tech.	S8	Won Second prize in triple jump in the CUSAT Intercollegiate Athletic meet

Vishnu Ramachandran	B.Tech.	S8	Secured Third prize in Javeline Throw in the CUSAT Intercollegiate Athletic meet
Shino Babu Yohannan	B.Tech.	S4	Secured First prize in Long Jump in the College athletic meet held at TIST campus
Sambath Sani Suresh	B.Tech.	S2	Secured First prize in 4 x 100 m Relay in the College athletic meet held at TIST campus
Sreenath P	B.Tech.	S2	Secured First prize in 4 x 100 m Relay in the College athletic meet held at TIST campus
Sambath Sani Suresh	B.Tech.	S2	Secured Third prize in 800 m Race in the College athletic meet held at TIST campus
Jose J Pullikunnel	B.Tech.	S6	Selected to CUSAT basket ball team
P D Akshay	B.Tech.	S6	Selected to TIST basketball team
Hariprasad KP	B.Tech.	S8	Selected to CUSAT cricket team
Stenin Biju	B.Tech.	S8	Selected to CUSAT cricket team
Jijesh George	B.Tech.	S6	Selected to CUSAT cricket team
Amal	B.Tech.	S6	Selected to CUSAT cricket team
Sachin B Mohan	B.Tech.	S6	Selected to CUSAT cricket team
Spurgeon Sam	B.Tech.	S8	Selected to CUSAT football team
Sharath Mohan	B.Tech.	S8	Selected to CUSAT football team
Arjun Rejith	B.Tech.	S6	Selected to CUSAT football team
Sriram K T	B.Tech.	S8	Selected for College dance team
Muhammed Naseef T	B.Tech.	S6	Selected to CUSAT Badminton team
Amith Anilkumar M	B.Tech.	S6	Selected to CUSAT Badminton team
Sharath Mohan	B.Tech.	S6	Selected to CUSAT Badminton team