

JANSONS INSTITUTE OF TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

MECH.LETTERS

HALF YEARLY
NEWSLETTER

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Special Achievements by Students (national/international/regional)

Student Name	Department & Year	Achievement
Mr. Mukesh P	Mech / III	Won 1 st prize in How Things Work

Gralitz'17

Gralitz'17 "A national level technical symposium" was conducted on April 1st, 2017 at Sivaganga Auditorium, Jansons Institute of Technology, Coimbatore. The symposium had an objective of exploring the various technical skills in the field of Mechanical engineering.





The National level symposium had 9 Technical Events and 2 dynamic racing events. The outline of the 11 events were,

- ❖ **Paper Presentation** : The event focused on showing the technical ideas and presentation skills
- ❖ **Quiz** : The event's aim was to promote the knowledge in the field of Mechanical engineering discipline
- ❖ **CAD modelling**: The ability to visualize the product even before manufacturing and it brings offers to bring out the design engineer.
- ❖ **Production Engineering**: The event was to test the participants in all aspects of theoretical knowledge and practical skills in the field of Mechanical engineering.
- ❖ **Poster Presentation**: This event focus on how to prepare and present the idea or concept in graphical manner in field of Mechanical engineering.

- ❖ **Perfect Engineer:** This events promotes the participants innovative ideas and encourages their skills and presentation.
- ❖ **Business plan:** It is the action or business of promoting and selling products in front of judges.
- ❖ **Junk Yard:** This event focused on the idea for making a component from mechanical waste.
- ❖ **Mr.Mechanic:** The event is to test the participants in all aspects of theoretical knowledge and practical skills in the field of Mechanical engineering.
- ❖ **Mini Bike Race:** This is a racing of 100cc bike which is designed and fabricated by the participants.
- ❖ **RC Car Race:** Radio controlled car (RC car) is to show their skill and technology involved for fabricating their model.



Mini Bike Race at Football Ground

Publications by the Student(s)

Students Name	Year	Details of publication
Deepan.M Manikandan M Arjun S	III	Presented paper on Karpagam university on 16,17 th Feb 2017

Publication by Faculty

Faculty Name	Category	Details of publication
C. Nithiyesh Kumar	Journal	3D Numerical Analysis on Heat Transfer And Friction Factor Characteristics of a Tube Fitted With Horizontal Wing-Cut Twisted Tape Insert, International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 11 No.3 (2016)
Somasundaram Dhanabal	Journal	Experimental Investigation of Thermal Performance of Metal Foam Wicked Flat Heat Pipe, Experimental Thermal and Fluid Science (2016), doi: http://dx.doi.org/10.1016/j.expthermflusci.2016.12.006
P. Madhu	Journal	Cotton shell utilization as a source of biomass energy for bio-oil by flash pyrolysis on electrically heated fluidized bed reactor, Journal of Material Cycles and Waste Management volume 18, pages146–155(2016)

Student's Participation in Extracurricular Activities

Student Name	Year	Event Name	Organized by	Position/Status
LOGESH KUMAR.N	II	Foot ball	Anna University - Zonal	III
KALI RAJ.I	III	Athletics	Anna University - Zonal	I
ARUN RAAJ R DEEPAN RAJ.A SABARINATH P.V. DHANASEKARAN.P SAKTHI KRISHNA.S KIRAN.R MUKHILAN.A BASKER.K VISHNU.R	III	Foot ball	Anna University - Zonal	III
Mr. Kavin Kishore K Mr. Dharun Kumar S Mr. Dhilip Kumar H Mr. Gopi Kumar K Mr. Dinesh Kumar V T Mr. Anish A Mr. Arun Prakash K G	IV	Technical Events	SAEINDIA Northern Section	Participated

Mr. Manikandan G Mr. Bhuvan Vijay Krishna G Mr. Parthasarathi A				
Mr. Kesavamoorthy V Mr. Manirathinam C N Mr. Kotteswaran V	III	Yugam 2017	Kumaraguru College of technology	Participated
Mr. Manirathinam C N Mr. Kotteswaran V	III	CAD Modeling	Karpagam University	Participated
Mr. Manirathinam C N	III	Mr.Mechanic	KSR College of Engineering	Participated
Mr. Muraleedharan R	II	Technical Events	SAEINDIA Northern Section	Participated

Event Organized

(Conference, Symposium, Workshops, Seminar, Competitions, Guest Lectures, etc)

Title	Category	Resource Person	Date
Seminar on "Opportunities in the field of RPT"	Seminar	Mr.Prabhakar Annamalai, CEO, Vectra Form, Coimbatore	01.04.2017
Workshop on Automotive Engines, Transmission Systems and Vehicle Condition Diagnosis,	Workshop	Mr.Masilamani, Trainer from Ambal Industrial Training Centre, Coimbatore	08.03.2017
Seminar on "Application of Solar Energy"	Seminar	Mr.M.Matheswaran, Assistant Professor, Department of Mechanical Engineering, Jansons Institute of Technology	21.02.2017
Seminar on Bio-Energy	Seminar	Dr.P.Madhu, Associate Professor, Department of Mechanical Engineering, Jansons Institute of Technology	18.02.2017