



**Volume: 02 -  
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**Mech.Letters  
(Half Yearly  
News Letter)**

**Editor**

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**Special Achievements by Students (national/international/regional)**

<b>Student Name</b>	<b>Department &amp; Year</b>	<b>Achievement</b>
M.Gokul Jayanth	Mech / IV	Won First Prize In Technical Quiz Event Conducted By Angel College of Engineering and Technology on 29/9/2018
J.Gowtham	Mech / IV	Won First Prize In Technical Quiz Event Conducted By Angel College of Engineering and Technology on 29/9/2018

**Publications by the Students**

<b>Student/students Name</b>	<b>Year</b>	<b>Details of publication</b>
Nivas K, Prakash Raj S, Vignesh R, Adhith C	IV Year	Presented a paper under the title “ Automatic Handbrake System” National Conference - Recent Advancement in Design, Automation and Intelligent Systems, Dr.NGP Institute of technology
Gowtham J, Maheshwaran S M Mithunchakravarthy K	IV Year	Presented a paper under the title “ Optimization of cutting parameters in turning operations ” National Conference - Recent Advancement in Design, Automation and Intelligent Systems, Dr.NGP Institute of technology
Ragunath V, Satheesh Kumar N, Vimal W, Vishnu R	IV Year	Presented a paper under the title “ Fabrication of Eco-Friendly Products by using Coir Pith” National Conference - Recent Advancement in Design, Automation and Intelligent Systems, Dr.NGP Institute of technology



**Water Rocketry** event was conducted on Aug 11<sup>th</sup>, 2018 by the Department of Mechanical Engineering, Jansons Institute of Technology, Coimbatore. The Event was organized for third and second-year students of Mechanical Engineering to explore the technical skills in the aerodynamic design and fluid mechanics concepts.



“International Design Competition” organized by the CADD Centre, Coimbatore is conducted on 26.09.2018 (Wednesday).



Total of 86 students registered themselves for the design contest. 25 Third year students and 54 Final year students actively participated.



An intra-department technical contest [E-Graphié 2K18] in the Engineering Graphics was conducted on 12.10.2018 (Friday). The Contest was organized by the faculties of Mechanical Engineering Department. The main objective of the contest is to enrich the young minds in the EG course and to evolve from the basic concepts taught in the regular classes.



A National level technical contest [E-Graphié 2K18] in the Engineering Graphics was conducted on 24.11.2018 (Saturday). The Contest was organized by the faculties of Mechanical Engineering Department in association with ISTE (Indian Society for Technical Education).



The contest comprised three rounds; Primary round (MCQ Quiz) was conducted in Computer Centre 1, 2 and 3 (CC1, CC2, CC3); All registered teams participated in second round (Technical Drawing) at Drawing Halls (A,B,C) and Lecture Halls (5, 6, 7, 8 and 23).



Based on the performance, one winning team and two runner-up teams were selected and honored with certificates.

### Students Participation in extracurricular activities

Student Name	Year	Event Name	Organized by	Position/Status
Akash Deep Rajkhwa Ashok Kumar. A Gokul. N Hari Prasad. S Prakash. R Sanjiv.V Sanju Vishaal. S Sathishkumar. T Vignesh. K Vishvapriyan. K	II	Attended an International Workshop on Arduino in Robotics on 31.08.2018	Coimbatore Institute of Technology, Coimbatore	Participation
Anand amarnath C Dhasapiriyam S Manoj.P Nithin.K Praveen.D Revant S Viknesh K	III	Attended workshop "International Workshop on Arduino in Robotics - IWAR'18 " on 31.08.2018	Coimbatore Institute of Technology, Coimbatore	Participation

Ashok Kumar. A Jayasurya Manojkumar. B Nishanth S Prasanth S Rajesh Kumar.K Sanjiv.V Suthakaran. P Vijay.P	II	Attended a workshop “ Workshop on Industrial Pneumatics (Pneumatics & ElectroPneumatics)” from 17.09.2018 to 18.09.2018	Dr.Mahalingam College of Engineering and Technology, Pollachi,	Participation
Akash Deep Rajkhowa Sanju Vishaal. S	II	Attended a workshop “Fluid Power System” from 23.08.2018 to 24.08.2018	Dr.Mahalingam College of Engineering and Technology, Pollachi	Participation
Anto Sherin S Brusek Kumar A Chandru P Daniel S Jugin shalow L Kavin kumar M Mohanaprasanth G P Nishanth S Prasanth S SEENIVASAN N Vignesh. K Wasim Akram J Praveen R Sanjayan.J	II	Attended workshop on Industry 4.0 and Smart Manufacturing Strategies on 11.09.2018	Dr.NGP Institute of Technology,Coimbatore	Participation
Bharath N Bijin singh S Gopinathan P Karthik.R Manivelrajan.R Ranjith M Samprasanth E	III	Attended “National Level Workshop on Industry 4.0 and Smart Manufacturing” on 11.09.2018	Dr.NGP Institute of Technology,Coimbatore	Participation
Ashok Kumar. A	II	Attended a workshop “Recent Trends in Bike Engine Power Manipulation”on 08.09.2018	Government College of Technology,Coimbatore	Participation





Bharathan.P Pradeep.R Veeramanikandan.V Vignesh. K	II	Attended technical workshop "Fuel Cell Technology and its Applications" from 20.12.2018 to 21.12.2018	Hindusthan College of Engineering and Technology, Coimbatore	Participation
Akash Deep Rajkhowa	II	Attended "Regional Pre-Finals ICT Academy Youth Talk 2018" on 27.09.2018	ICT Academy	Participation
Sanjiv.V Prakasah.R	II	Attended technical workshop "Labview based graphical system design for electrical engineers" on 27.12.2018	Kongu Engineering College,Perundurai	Participation
Ajay kumar S.A Sathishkumar K Anburaj K Karthik M Sathishkumar K	III	Attended technical event "Mr.Mechanic Contest" on 01.09.2018	Kumaraguru College of Technology	Participation
Ajith.M Hari Karthick. R Kishoakkumar. T.V Manojkumar. B Nishanth. P Sanjiv.V Suthakaran. P Praveen R	II	Attended technical event "Mr.Mechanic" on 01.09.2018	Kumaraguru College of Technology	Participation
Hari Karthick. R Jayasurya Kavin kumar M Kishoakkumar. T.V Manojkumar. B Mohanaprasanth G P Suthakaran. P	II	Attended technical event "MECHFUEGO 2k18 - Mini Bike Racing" on 20.09.2018	P.A.College of Engineering and Technology	Participation
Muraleedharan R Nivas K Prakash S Shivashankar P S	IV	Attended a "Robotics " technical event on 18.08.18	NSIC - Technical Service center with JIT	Participation



Logesh S	IV	Attended one day national level Mr.Mechanic Contest on 01 sep 2019	Kumaraguru College	Participation
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### Publication by Faculty

Faculty Name	Category	Details of publication
Dr.C.Sowmya Danalakshmi, Dr.P. Madhu	Journal	Utilization of possibilities of Albizia Amara as a source of Biomass energy for Bio oil in Pyrolysis process, Energy Sources, Part A; Recovery utilization and environmental effects, Taylor & Francis journal, Pages 1908-1919, 2018
Dr.C.Sowmya Danalakshmi, Dr.P. Madhu	Journal	Recycling of wood bark of Azadirachta indica for bio-oil and chemicals by flash pyrolysis.Indian Journal of Ecology (2019) 46(2): 347-353
Dr.C.Sowmya Danalakshmi, Dr.P. Madhu	Journal	Biofuel production of neem wood bark (Azadirachta indica) through flash pyrolysis in a fluidized bed reactor and its chromatographic characterization, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 43:4, 428-443, DOI: 10.1080/15567036.2019.1624893
M.M.Matheshwaran	Journal	Thermohydraulic performance enhancement of a new hybrid duct solar air heater with inclined rib roughness, Renewable Energy, Volume 147, Part 1, March 2020, Pages 2345-2357

### Technical Events (Workshops, Seminar, Guest Lectures, etc) organized

One day workshop on modeling of Water Rocketry	Workshop and Contest	Mr.Davis Hans S J, Mr.V.Murali, Mr.F.Alexander, Mr.M.Magesh Assistant Professor, Department of Mechanical Engineering, Jansons Institute of Technology	11-08-2018
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**List of Teaching Faculties Attended Training (FDP)**

<b>S.No.</b>	<b>Name of Teacher</b>	<b>Title of the FDP /MDP/ Professional Development / Administrative Training Program</b>	<b>Dates (from-to) (DD-MM-YYYY)</b>
1	Dr.P.Madhu	Short Term Hands on Training Program on Applications of Computational Techniques in Scientific Research	19-05-2018 to 23-05-2018
2	Dr.D.Saravanan	Short Term Hands on Training Program on Applications of Computational Techniques in Scientific Research	19-05-2018 to 23-05-2018
3	Mr.M.Sivaraman	Short Term Hands on Training Program on Applications of Computational Techniques in Scientific Research	19-05-2018 to 23-05-2018
4	Mr.S.J.Davis Hans	FDP on Strength of Materials II	03-12-2018 to 09-12-2018
5	Mr.F.Alexander	Short Term Course on Finite Element Analysis	14-05-2018 to 20-05-2018
6	Mr.Murali.V	FDP on Entrepreneurship	12-11-2018 to 20-11-2018
7	Mr.K.Maadesh Kumar	Short Term Course on Finite Element Analysis	14-05-2018 to 20-05-2018
8	Mr.K.Vijayaraghavan	FDP on Entrepreneurship	12-11-2018 to 20-11-2018
9	Mr.P.Sathish Kumar	FDP on Entrepreneurship	12-11-2018 to 20-11-2018
10	Mr.G.Senthilraj	Short Term Course on Finite Element Analysis	14-05-2018 to 20-05-2018
11	Dr.C.Sowmya Danalakshmi	FDP on Research Problems and Applications in Machine Learning Algorithms	23-10-2018 to 27-10-2018
12	Dr.D.Saravanan	FDP on Research Problems and Applications in Machine Learning Algorithms	23-10-2018 to 27-10-2018

