



# MECHNOVA

## MECHANICAL DEPARTMENT NEWS LETTER

APRIL 2016

VOL 4, ISSUE 2

### HOD DESK

#### Greetings to Dear students, Faculty and Friends!

Very active and productive two months has passed by. Two main achievements are worthy of mentioning here; Outstanding result achieved by the College and the Department in the 1<sup>st</sup> ever University examination of KTU is definitely a major achievement. Our College was ranked 23 in Kerala and the Department was ranked second among all self financing colleges based on results. Congratulations to all faculties and students who had tirelessly worked to achieve this result. Secondly, the first ever national conference conducted by the department "National Conference on Current Advances in Mechanical Engineering (NCCAM-2016)" was a huge success. Participants from across the country has benefitted from this conference. My sincere gratitude to the co-coordinators and student volunteers, who has worked very hard to make the conference successful. Our final year students have done some notable projects and GEARS-V1.0-PROJECT EXPO was appreciated by all visitors. Finally, I bid adieu to my dear final year students and wish them 'Bon voyage and Godspeed'.

Cdr Raju K Kuriakose(ret'd)

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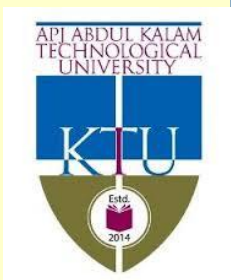
*"We cannot solve our problems with the same thinking we used when we created them"*  
-Albert Einstein

### FABULOUS RESULTS IN 1<sup>st</sup> KTU EXAMS

ME DEPARTMENT STUDENTS PERFORMED EXCEPTIONALLY WELL IN FIRST UNIVERSITY EXAMS OF KTU CONDUCTED IN JAN 2016.

**THE OVERALL PASS PERCENTAGE = 66.4 %**

**Rated Second best result in Mechanical Engineering among all self financing colleges in Kerala**





*The First National Conference on Current Advances in Mechanical Engineering (NCCAM) was held on 4 & 5<sup>th</sup> March 2016. The conveners of the conference were Dr. Sreejith Mohan, Prof. Shinesh T.M. and Prof. Hariprasad M.K. The co-conveners were Cdr. Raju K Kuriakose and Prof. K Raghavan. The International Journal of Scientific and Engineering Research (IJSER) was the technical co-sponsor for the conference. Out of 30 technical papers received for the conference, 20 were selected for oral presentation and subsequent publication in IJSER (ISSN 2229-5518). The conference was inaugurated by Dr. S. Unnikrishnan Nair (Project Director, Manned Space programme VSSC, Trivandrum). Dr. Joby Joseph (Associate Professor, Department of Mechanical Engineering, MACE, Kothamangalam and Syndicate member, MG University) was also another guest of honour. Fr. Geo Pulickal (Chairman, VJEC) released the proceedings of the conference. Principal Dr. Benny Joseph and Administrator Fr. JinuVadakkemulanjanal addressed the gathering. The inauguration was followed by a talk on “**Human Space Flight Programme**” by Dr. S. Unnikrishnan Nair. The conference witnessed a huge mass of participants from colleges all around Kerala. The oral presentations were arranged in two parallel venues followed by certificate distribution.*

### BOOT CAMP & ENTREPRENEURSHIP DEVELOPMENT SEMINAR IN ASSOCIATION WITH KERALA START UP MISSION

*Entrepreneurship Development Cell of VJEC conducted a Boot Camp which assists, youngsters to become entrepreneurs and a Seminar on “Entrepreneurship Development” by KANNUR TECHNOLODGE in association with Kerala startup mission on 23-02-16. Kannur Technolodge is working with Kerala Startup Mission (KSUM) to start boot camps in engineering colleges in and around Kannur. The training classes were conducted by KPK Nambiar (CEO, Kannur Technolodge) and Mr. Nithin (Managing Director). The program was very effective and helps to pool out the innovative ideas from the students and greatly assist youngsters to become into entrepreneurs thus developing entrepreneurship*



## GEARS V1.0 PROJECT EXPO



- The “GEARS Ver. 1.0” ME DEPT. PROJECT EXPO featured 15 exhibits by 60 students of final year Mechanical students. The First project expo “GEARS V1.0” was organized by ME Department on 23. Feb 2016.. The expo was a technical exhibition and model display of innovative projects by the final year students. The expo showcased the wide range of talents of the final students with respect to future innovations as well as helped promoting their ideas and technical skills to other budding engineers. The expo was also visited by Chairman, Principal & other management staffs and they lauded the great effort taken by the students in displaying their exhibits.

## INNOVATIVE PROJECTS UNDER IRPS SCHEME



*The Mechanical engineering projects under innovative Research promotion scheme(IRPS)*

*HALOTHERPY DELIVERING UNIT (Rs 15000/-)  
Electric Transmission line Inspection Robot (Rs 10000/-)  
Automatic Wheel chair cum bed (Rs 10000/-)*

# FAREWELL TO FINAL YEAR STUDENTS



WE  
THE DEPARTMENT OF  
MECHANICAL ENGINEERING  
WISHING YOU THE VERY BEST FOR  
ALL NEW VENTURES, THAT LIFE  
HAS IN STORE FOR YOU,  
DEAR STUDENTS  
GOOD LUCK..!!!!

## MECHANICAL ENGINEERING PROJECTS IN NEWS PAPERS & MAGAZINES

**പുത്തൻ കണ്ടുപിടിയവയായി വിൽക്കുന്ന വിദ്യാർത്ഥികൾ**  
**പ്ലാസ്റ്റിക് മാലിന്യങ്ങളിൽ നിന്നും ഇന്ധനം**

കൊല്ലം: പുത്തൻ മാലിന്യങ്ങളിൽ നിന്നും ആദ്യമായി ഇന്ധനം ഉണ്ടാക്കുന്ന കണ്ടുപിടിത്തം പുത്തൻ കണ്ടുപിടിയവയായി വിൽക്കുന്ന വിദ്യാർത്ഥികൾ. കണ്ടുപിടിയവയായി വിൽക്കുന്ന വിദ്യാർത്ഥികൾ. കണ്ടുപിടിയവയായി വിൽക്കുന്ന വിദ്യാർത്ഥികൾ.

Fri, 05 February 2016  
deepika.epap.r.in/c/8448934

**പ്ലാസ്റ്റിക്കോ? വേടിക്കേണ്ട ഇന്ധനമാക്കാം, ടേക് ഇറ്റ് ഇംഗി**

പുത്തൻ കണ്ടുപിടിയവയായി വിൽക്കുന്ന വിദ്യാർത്ഥികൾ. കണ്ടുപിടിയവയായി വിൽക്കുന്ന വിദ്യാർത്ഥികൾ. കണ്ടുപിടിയവയായി വിൽക്കുന്ന വിദ്യാർത്ഥികൾ.

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**OVERDRIVE**

**BAJA STUDENT INDIA FORMULA STUDENT INDIA**

**BSI TEAM PROFILES >>>**

**Vimal Jyothi Engineering College, Kannur**

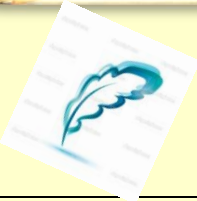
**Team Invicto**

**National Institute Of Technology, Jamshedpur**

**Daksh**

## INDUSTRIAL VISIT TO BARAPOL MINI HYDRO ELECTRIC POWER PLANT

4<sup>th</sup> & 6<sup>th</sup> Semester students of ME department visited Barapol Mini Hydroelectric Power plant as part of their academic curriculum along with their Class tutors on various days in March 2016. Barapole Small Hydro Electric Power plant is a Greenfield run-of-river project based on trench weir system, located in Ayyankunnu Panchayat of Thalassery Taluk of Kannur district of Kerala State, India. The total capacity of the project is 15 MW. The Barapol SHEP is implemented by Kerala State Electricity Board (KSEB).



**Editors:**  
**MEJO M FRANCIS & HARI PRASAD M K**