ROYAL COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

EVENT REPORT (2018-2019)

INTERNSHIP FOR FINAL YEAR STUDENTS

Department of ME, RCET has conducted a Three Day Internship Program on "Introduction to MEP/NDT/Oil & Gas/QC/HVAC". The program was coordinated by tutors of S7 ME A&B. The entire program covers a basic view in specialized areas in Mechanical Engineering such as Mechanical Electrical Plumbing, Non-Destructive Testing, Oil & Gas field, Quality Control and Heating Ventilation & Air Conditioning

Snaps of internship programe

INTERNSHIP FOR THIRD YEAR STUDENTS

Department of ME, RCET has conducted a Three Days Internship on "Introduction to MEP/NDT/HVAC/Inventor ". The program was coordinated by tutors of S5 ME A&B. The entire program covers a basic view in specialized areas in Mechanical Engineering such as Mechanical Electrical Plumbing, Non-Destructive Testing, Heating Ventilation & Air Conditioning and a design software namely Inventor.

Snaps of internship programe

INTERNSHIP FOR SECOND YEAR STUDENTS

Department of ME, RCET has conducted a Three Days Internship on “Workshop on Design Softwares “. The program was coordinated by tutors of S3 ME A. The entire program covers a essential tool and principles of 3D parametric part design, assembly design and creating production-ready part assembly drawings using Autodesk Inventor. The course is designed to give students an excellent foundation to understand and familiarize with the features and commands of AutoCAD and Inventor.

Snaps of internship programe

FDP on Enhancement of Student-Teacher Relationship

The department of mechanical engineering organized an in-house faculty development program on 21/07/2018(Saturday). The topic was “Enhancement of student – Teacher Relationship. The event started with an Inaugural function at 9.30am. Mr. Sangeeth T.S., AP, ME welcomed the participants. The FDP was inaugurated by Dr. S P Subramanian, Principal, RCET. In the inaugural address, the principal mentioned the need of strong bond between student-teacher relations for the effectiveness of the profession.

Snaps of FDP on Enhancement of Student-Teacher Relationship

The first session was lead by Mr. Subair P(Soft skill trainer). The session was an interactive and activity oriented. The qualities of leadership such as Open mind, Recognize, Grab opportunity, Adaptability, Nurturing, Initiative, Being Energetic and so on were demonstrated through various activities. an interactive and activity oriented.

The Second session was lead by Ms.Sangeetha (Clinical Psychologist). This session was a discussion on real life problems that the teachers facing in the class room. In this session madam pointed out the need of giving respect to the students, build strong relation with students and convey the mistakes they are doing.

The principal handed over memento to the resource person and distributed certificates. The Faculty development program concluded by delivering Vote of thanks to Prof. Mohamed Iqbal, HoD ME, (Program Convener) and our management by Mr.Renju Joy,AP,ME,RCET.

Snaps of FDP on Enhancement of Student-Teacher Relationship

FRESHERSDAY CELEBRATION 2018

Department of Mechanical Engineering conducted a Freshers day celebration on 08-08-18, as per the interest taken by S7 students. The program was started at 3:15pm with welcome

speech by Thomson George (S7 student).Respected Principal Dr. S.P. Subramanian and Prof.Mohamed Iqbal(HOD Mechanical) address the students. The program was concluded at 4:00pm with vote of thanks by Ajmal Roshan (S7 student).

Snaps of Freshers day Celebration

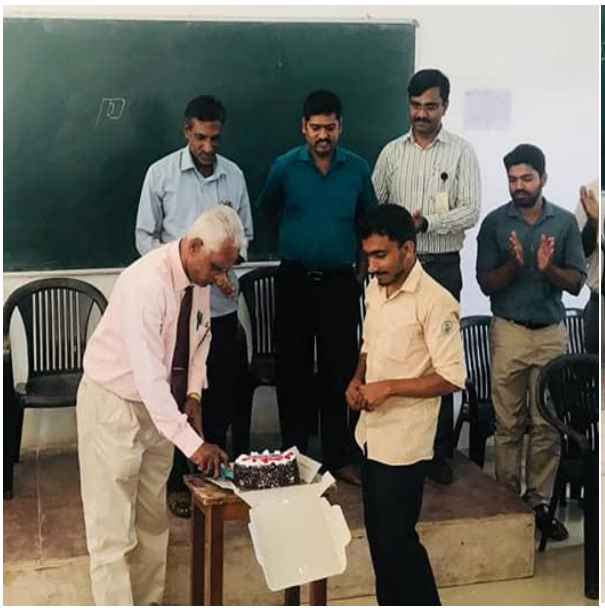
FROM SCHOOL TO COLLEGE

FROM SCHOOL TO COLLEGE" and the session was handled by Mrs. Beena Dharman (Royal college student counselor) .It was an excellent session mainly focused about improving confidence and overcoming stage fear

Snaps of Seminar on "FROM SCHOOL TO COLLEGE"

TEACHERSDAY CELEBRATION 2018

Department of Mechanical Engineering conducted Teachers day celebrationon 05-09-18, as per the interest taken by S7 students. The program started at 3:15pm.Principal Dr. S.P. Subramanian and Mr.Sangeeth (AP ME) addressed the students.The program was concluded at 4:00pm.



Snaps of Teachers day Celebration

RACE ORIENTATION CLASS

The Department of mechanical engineering Organized RACE orientationclass for final year students. As the part of this PRIME MEP conducted the technical talk, based on MEP.In this session Mr.Majeed discussed the relevance of MEP,Role of MEP,application of MEP and various practical projects in MEP.

Snaps of RACE Orientation class

MOTIVATION SEMINAR FOR FIRST YEAR STUDENTS

Department of mechanical engineering organized a one day motivational session for first year students by Praveen Chirayath(corporate trainer - Industries & academic institutions). The program began from 10 am by an inaugural speech by principal of RCET Dr.S.P Subhramanian. The program was conducted in two sessions; morning session for first year students and the afternoon session for those who need special attention in their studies. The programconcluded with vote of thanks by mechanical HoD Prof Mohammed Iqbal.

Snaps of One day Seminar

MISSION 100 – A FELICITATION CEREMONY

Department of mechanical engineering organized a felicitation ceremony,for who got excellent results in APJ Abdul Kalam KTU examination May 2018.The program organizedon 22nd October 2018 at 2.50pm in ME Block with a concept of "Mission 100". The program started with awelcome speech of **Prof. Mohamed IqbalPallipurath**[HoD, RCET]. He introduced the concept of "Mission 100". The concept put forward a challenge for students to get 100% pass in the coming university examinations. Dr. S.P.Subramanian**[Principal, RCET]** delivered Principal address by congratulating the full pass student.

On this auspicious occasion an exhibition was conducted by demonstrating the caricature on faculty. The caricatures are the works of NoushadP of fifth semester ME, 2016 Admission. The caricature on **Mr. N.V MOIDUNNY** [Secretary], Principal and all the head of the department presented to respective dignitaries by NoushadP. The vote of thanks was delivered by Mr. Sangeeth.T.S, AP,ME,RCET. The event was dispersed by distributing sweet to all the mechanical students assembled in the courtyard of ME block

Snaps of mission 100 – a felicitation ceremony

“JOURNEY TOWARDS EXCELLENCE”

The association of Royal Mechanical Engineers (ARME) organized a soft skill training program under the title “Journey Towards Excellence” for second semester mechanical and civil engineering students on 16/2/2019. The session one was handled by Mr.Subair.P, soft skill trainer. The objective of this session was to inspire the students for set a goal and ambition in life. The resource person handled the session through various activities and each activity concluded by a message. The messages from various activities are as follows:

1. Seriousness of decision making.
2. Seriousness of setting an object.
3. Role of a Leader.
4. Roamer spreading.
5. Role of listening and presentation.
6. All of us are unique- Know the strength and weakness.

At the end of the session a memento was given to the resource person. The students given vote of thanks by mentioning feed back of the session. The students actively participated in all activities.

Snaps of "Journey Towards Excellence"

"JOURNEY TOWARDS EXCELLENCE 2"

The Association of Royal Mechanical Engineers organized the session 2 of Journey towards excellence, "Art of Character Building-A Music Workshop" on 2/3/2019 at seminar hall from 1.10pm to 3.50pm. The second semester students of civil and mechanical engineering attended the session. The session handled by Mr.Sangeeth.T.S, AP, ME, RCET with the assistance of Ms. AshtamiChandran (Violin) and Mr.Vimal Thrissur (Mrudangam).

Along with developing physical strength, the mental strength also has to nurture. The mental strength can be improved by 1.Laughing, 2.Praying, 3.Meditation, 4.Doing something difficult and 5. Good hobbies. The hobbies must be regular, creative and carried during leisure time. The suggested hobbies are writing, reading, Collections, Arts and Meditation. These hobbies can nurture our mind by creative thoughts and imagination. The class proceeded by playing film music and correlating it with classical music. While handling the session the students are praised by trophies for answering different questions regarding

music. The session concluded by reminding relationship among mother, father and teacher. At the end of the session, messages given to the students are as follows:

1. Find the blessings from mother, father and teacher through our actions which will help you to find the path forward in difficult circumstances.
2. Enjoy the result by taking pains of preparation.
3. Nurturing mind will lead to happy life.
4. All great personalities have good hobbies to nurture their mind like Dr. A. P. J. Abdul Kalam plays "Veenna", Dr.K.Radhakrishnan Sings south Indian music etc
5. Become ourselves as an entertainer through good hobbies so that we can avoid unnecessary entertainment such as Tiktalk, mobile phone, chatting, wandering with friends and so on.

Snaps of "Journey towards Excellence 2"

FELICITATION CEREMONY-DHANAK 2K19

Department of mechanical engineering organized a felicitation ceremony, for who got Prizes in arts fest DHANAK 2K19.The program organized on 19th march at 2.50pm in ME Block. The program started with a welcome speech of **Mr.Sangeeth T S** [HoD, ME].**Dr. S.P.Subramanian [Principal, RCET]** delivered Principal address by congratulating the students, who got prizes in DHANAK 2K19.

Snaps of Felicitation ceremony-DHANAK 2K19

A FELICITATION CEREMONY- S1 KTU EXAM DEC 2018

Department of mechanical engineering organized a felicitation ceremony,for who got best result in S1 KTU Examination Decemnber 2018 .The program organized on30th April 2019 at 11.15pm in S2 class room..The program started with a welcome speech of **Mr.Ranju Joy S**[Tutor,S2ME].**Mr.Sangeeth T S[HoD, ME]** delivered Presidential address by congratulating Rinsha P K, who got best results in S1 KTU Examination Dec 2018.

Snaps of "A FELICITATION CEREMONY-S1 KTU Result Dec 2018"

STUDENTS ACHIEVEMENTS

- Mr.Arun R Menon(S6 ME) Secured secured second prize in Lathe Master, conducted as the part of KTU TechFest 2019 at GEC Thrissur.
- Aswin Thambi(S5 ME),Mr.Mohamed Rafeeq N(S5 ME) and Mr.FadilFakhrudeen(S7 ME) hassecured First position with a cash prize of 25000 in HardwareHackathonduring innovation and entrepreneurship summit at FISAT.
- Mr.Hariprasd.C.C(S7 ME)has got placementin IDBI Federal Life Insurance Co Ltd, as agency leader.
- Mechanical engineering crickets team has secured Firstpositionin College cricket tournament,as the part of sportsMeet 2018.

Mr.Aswin Thambi and Begin Raj of S6 ME secured first prize in Technology conclave organized by DIC and MSME.

Snaps of Technology conclave

- Mr.Fadhil Fakhrudeen (S7 ME) has secured final round ofIDEAFEST 2018 by Kerala startup mission and sanctioned 2lakh for his idea.

Snaps of IDEAFEST 2018 Felicitation

- Mechanical Engineering Volleyballteamhas securedFirstpositionin college volleyball championship,as the part of sports Meet 2018.
- Mr.Hafis Ali T has got selection inUniversity Inter Zone Volleyball championship.
- 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-2018Techfest.
- 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-2018Techfest.

- 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.

Snaps of Fire Extinguisher

Mr. Abdul Basith Maliyakkal and Mr. Mohammed Khameem of S4 ME won first prize in Seminar presentation held in MESCE Kuttippuram on the occasion of National Science day celebration, 28 th February 2019

Snaps of seminar presentation at MESCE Kuttippuram

- Mr.Mohammed Khameemhas secured first prize in Paper Presentation (Technical Event) as the part of COGNITO-2018Techfest.
- Mr.Mohammed Sadhik K Mhas secured first prize in Workshop Events (Technical Event) as the part of COGNITO-2018Techfest.

RCET in association with IEDC organized project expo on 25/4/2019. The ”D-wheel” by Mr Joshual and Team(S8,ME) won first Prize

Snaps of D Wheel for Armless People

A TRIBUTE TO THE GREAT MARTYRS OF PULWAMA

The students of Mechanical Engineering, Royal College of Engineering & Technology-Akkikkavu are organized a tribute to the forty-four CRPF personnel who were martyred in Pulwama terror attack on 14th February 2019. There will be candle lightened followed by a silent prayer.

Snaps of A Tribute to the great Martyrs of Pulwama

IEDC PROJECT EXPO

RCET in association with IEDC organized project expo on 25/4/2019.Students from mechanical departments showcased their innovation. Around 15 teams participated in the event.

Snaps of Project Expo

IFTAR MEET 2019

The final year students of Department of Mechanical Engineering organized an Ifthar meet on 14/05/19. The event started at around 6:30 in the evening. All staff and students under department of mechanical engineering gathered in a centre courtyard of ME block. The function was wound up at 8.15 PM

Snaps from Ifthar Meet

TECHNICAL EXHIBITION AT KMCT POLYTECHNIC

KMCT polytechnic, kuttipuram organized a three day Tech Fest from 14th February to 16th February 2019. As part of it the department of Mechanical Engineering and Electronics anD communication engineering together conducted a project exhibition on 14th and 15th February 2019. The exhibition includes the following:

- Displayed exploded version of a car and new generation car on Flex.
- Displayed components of four stroke engine cylinder.
- Displayed videos on working of automobiles.
- Displayed Tools - open end spanner, double end and closed end spanner.
- Displayed Hybrid Cycle.
- Displayed various projects developed by students – Stair climbing wheel chair, Acoustic fire extinguisher, Vacuum black board duster, cooling seat and Magnetic chuck.
- Displayed optical illusion sculpture.

There were almost 1000 visitors which includes the students of various polytechnic, students and parents from nearby schools. The Principal, KMCT mentioned good remarks for the active participation and presented certificate of appraisal.

Snaps of Technical Exhibition at KMCT Polytechnic

JNANOTSAV

The Amrita Vidyalayam, Chavakad, Thrissur organized a science exhibition on 10th and 11th of January 2019 under the title "Jnanotsav". As the part of department of "Jnanotsav" department of mechanical engineering,RCETorganized a Auto Expo. The objective of the exhibition is to impart a basic knowledge about automobiles. The following items displayed on this occasion

- Displayedexploded version of a car and new generation car on Flex.
- Displayed two and four stroke engine cylinder.
- Displayed components of four stroke engine cylinder.
- Displayed videos on working of automobiles.
- Displayed Tools -open end spanner, double end and closed end spanner.
- Displayed Hybrid Cycle.
- Displayed various projects developed by students – Stair climbing wheel chair, Acoustic fire extinguisher, Vacuum black board duster, cooling seat and Magnetic chuck.
- Displayed optical illusion sculpture.

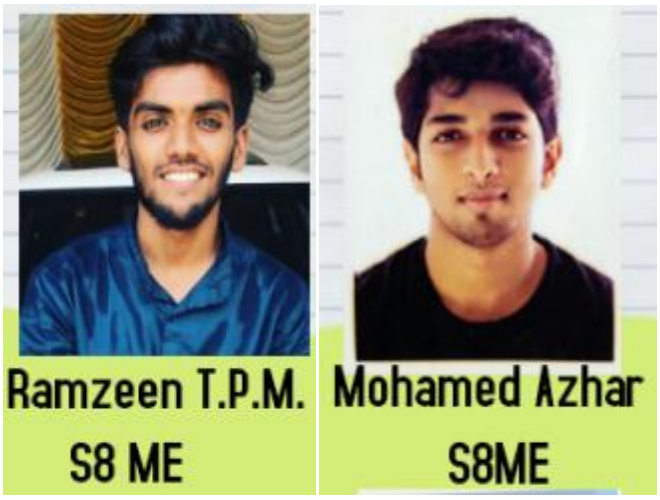
Photos of Jnanotsav

- ✓ Malabar Polytechnic, Kottakkal Organized a three day Tech Fest "AMECA-2019" on 24th to 26th of January 2019.As the part of "AMECA-2019",department of mechanical engineering,RCET organized anexhibition.Various students projects like Stair climbing wheel chair, Acoustic fire extinguisher, Vacuum black board duster, cooling seat, Magnetic chuck and optical illusion sculpture are displayed at that occasion.

Photos from AMECA-2019

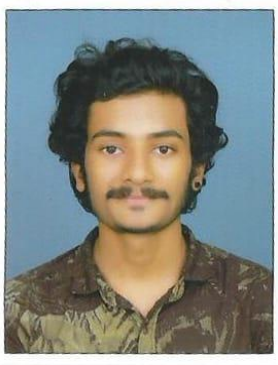
PLACEMENTS

Mr.Ramzeen T P (S8 ME) M and Mr. Mohammed Azhar(S8 ME) got placed in Amazon



Mr.Ramzeen T P (S8 ME), Mr. Anand S Menon(S8 ME), Mr.Hariprasasd C C(S8 ME) got placed in Sutherland as Associate.

Ramzeen



Anand S menon

Hariprasad