



KNOW A FAMOUS MECHANICAL ENGINEER-SERIES 11



Oliver Bulleid

Oliver Vaughan Snell Bulleid CBE (19 September 1882 – 25 April 1970) was a British railway and mechanical engineer best known as the Chief Mechanical Engineer (CME) of the Southern Railway between 1937 and the 1948 nationalisation, developing many well-known locomotives. In 1901, after a technical education at Accrington Grammar School, he joined the Great Northern Railway (GNR) at Doncaster at the age of 18.

VISION

“To become a centre of excellence in Mechanical Engineering, producing innovative and creative mechanical engineers to meet the global challenges”

MISSION

- To provide a platform to the students towards attaining quality education in Mechanical Engineering.
- To educate students about professional & ethical responsibilities and train them to build leadership and entrepreneurship qualities for their career development.
- To create opportunities and guide students in acquiring career oriented jobs in the field of Mechanical Engineering

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SEMINAR ON “OPPORTUNITIES FOR HIGHER STUDIES ABROAD”



On 7th of February 2020, Department of Mechanical Engineering, Vimal Jyothi Engineering College, Chemperi, Kannur, together with Riya Education organized a seminar at Msgr. Jacob Varikkattu Hall at 2:00 pm for final year Mechanical Engineering students on Opportunities for Higher Studies Abroad. It was conducted as a curricular gap filling program. The convener of the program was Cdr. (Rtd.) Raju K. Kuriakose, Head of the Department of Mechanical Engineering and was coordinated by Mr. Jerin Saji, Assistant Professor, Department of Mechanical Engineering and Mr. Rinjesh A M., Assistant Professor, Department of Mechanical Engineering. The resource persons were Ms. Seema Mutta, Conselor-Riya Education Mangalore, Ms. Minu Mohandas, Counselor-Riya Education, Kannur and Mr. Nigilesh T T, Counselor-Riya Education Kannur.

WORKSHOP ON CYCLE TEMPO SOFTWARE



The Department of Mechanical Engineering conducted a two-day workshop on CYCLE TEMPO, a software tool to design and analyze thermodynamic systems. The two days workshop was conducted for second and third year Mechanical Engineering students and faculty of the department, at CAD lab on 07-03-2020 and 08-03-2020 by Dr. Manavalla Sreekanth, Associate Professor, VIT, Chennai. Rev. Fr. James Chellamkottu, Manager of Vimal Jyothi Institutions, inaugurated the function. The coordinators of the workshop were Dr. T.D. John (Professor of the Department and the Dean Research of the institute) and Mr. Midhun Mukundan M K (Assistant Professor of the Department). Dr. S Christopher Ezhil Singh (Professor, Department of Mechanical Engineering, VJEC) delivered the address. The objective of the workshop was to provide a hands-on training for the students on a leading software tool like CYCLE TEMPO to develop basic skills to model and analysis thermodynamic systems. Students can use this software tool for their academic project work of their B. Tech curriculum and the knowledge in CYCLE TEMPO will help the students for their future research work on thermodynamic systems. Faculty of Mechanical Engineering Department used this opportunity to have a hands-on experience on this research tool.

ENTREPRENEURSHIP AWARENESS CAMP



The Department of Mechanical Engineering organised an ENTREPRENEURSHIP AWARENESS CAMP from 5th to 7th March 2020. The event was sponsored by National Science & Technology Entrepreneurship Development Board (NSTEDB, Department of Science & Technology, Government of India, New Delhi). The program was conducted through Entrepreneurship Development Institute of India, Ahmadabad under DST-NIMAT Project 2019 -2020. Mr. B.S. Sharma, Manager of Syndicate Bank, VJEC branch, was the chief guest for the inaugural function. The coordinators of the camp were Cdr. Raju K Kuriakose (retd), Head of Mechanical Engineering Department and Dr. P Sridharan, Associate professor of Department of Mechanical Engineering. The camp was opened to students from all departments. The main programs held were,

- 1) Lecture on Entrepreneurship by Cdr.Raju K Kuriakose (retd) HOD,ME
- 2) Talk on 'How to Become a Entrepreneur' by Dr.P.Sridharan ASP, ME
- 3) Talk on 'New Generation IEDC Program' by Dr.T.D.John , Dean Research, VJEC.
- 4) Talk on 'Technology incubation by Dr. Christopher Ezhil Singh' Professor, ME
- 5) Quiz Program

An industrial visit to Sulfex Matress Dharmasala, Kannur, was also organised for the participants.

CHARITY PILGRIM



Vimal Jyothi is have the custom of conducting a community oriented programme named Charity Pilgrim so as to inculcate sharing mind among upcoming engineers towards the socially, mentally & physically challenged people living in our society. This year 2020, the charity pilgrim visit has been conducted on 15th February 2020. The first year mechanical engineering students along with other first year batches participated in the visit along with their class tutors and management representatives. The places visited included Mariyabhavan Peravoor, Thiruraktha Asram Karuvanchal, Karunapuram Alakkode, Vilamana Ulikkal, Theresa Bhavan Vembua, Hope Charitable Trust Pilathara, and Vilakkannoor Santhwanam Chemperi. The students were fully enjoyed and satisfied with charity visit. They got a different vision regarding the need of empathetic living in the society. Also they extend one day physical service to the place where they visit.

PAKALPPOORAM 2020 – COLLEGE ARTS DAY



The annual arts fest of Vimal Jyothi engineering college was conducted on 10-02-2020 with much more fanfare and enthusiasm. On 22-01-2020, fine arts club arranged an inauguration ceremony “kodiyyettam” which involves, a flag hoisting by the administrator Rev. Fr. Bipin Varambakath followed by a cultural performance of the third year students. On 29-01-2020 fine arts club arranged a mehendi fest in connection with the mehendi competition in which a vivid cultural exposure involving the performance of oppana, mappilapattu are carried out. College music band comprises of students of all branches performed at basketball court on 06-02-2020, for promoting the event “pakalppooram”.

PLACEMENT

CONGRATULATIONS DEAR STUDENTS..

Students from the final year mechanical engineering got campus placement in companies such as IBS, Federal Bank, Accenta education and REA corporation.



Mr. Samrood Abdul Wahab
IBS



Mr. Adarsh Mohan
FEDERAL BANK



Mr. Amith P
FEDERAL BANK



Mr. Kiran Mathew
ACCENTA EDUCATION



Mr. Arun Mathew
ACCENTA EDUCATION



Aswin T Aravind
ACCENTA EDUCATION



Mr. Mathews Fred
ACCENTA EDUCATION



Mr. Athul Nandan
ACCENTA EDUCATION



Mr. Leo Vinoy
ACCENTA EDUCATION



Mr. Anoghlal C
ACCENTA EDUCATION



Mr. Hariprasad B
ACCENTA EDUCATION



Mr. NABEEL HAKEEM
ACCENTA EDUCATION



Mr. Adarsh Mohan
ACCENTA EDUCATION



Mr. Vivek M K
ACCENTA EDUCATION



Mr. Thejus K
ACCENTA EDUCATION



Mr. Sreeraj V
ACCENTA EDUCATION



Mr. Jasin Murali J
REA CORPORATION



Mr. Kiran Mathew
REA CORPORATION



Mr. Ajilal V
REA CORPORATION



Mr. Arun Mathew
REA CORPORATION



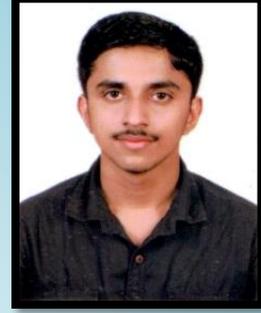
Mr. Akshay Lakshmanan C
REA CORPORATION



Mr. Sreemon S Ananad
REA CORPORATION



Mr. Ujwal Kumar
REA CORPORATION



Mr. Sandeep Dineshan
REA CORPORATION



Mr. Amal Bhaskaran
REA CORPORATION



Mr. Aswin Thomas
REA CORPORATION

SPORTS

Congratulations Mr. Milan S Chalil..



Mr. Milan S Chalil

Mr. Milan S Chalil of S2 ME secured 3rd place in High jump (1.71 m) in KTU Intercollegiate Athletics championship held at University stadium Trivandrum on 5,6,7 Feb 2020.

FACULTY ACHIEVEMENT

CONGRATULATIONS..



Mr. Sreekanth M P

Mr. Sreekanth M P, Assistant Professor, Department of Mechanical Engineering, VJEC, secured his PhD Degree in the field of Additive Manufacturing from Anna University.

PAPER PUBLICATIONS

1. "Surface structural features and wear analysis of a multilayer Ti-6Al-4V-B₄C thin film coated AISI 1040 steel", Materials Research Express – IOP Science, Vol.7, No.1, pp. 1-17, I.F:1.449 by Dr. S.Christopher Ezhil Singh, Professor, ME Department, Vimal Jyothi Engineering College, Chemperi
- 2 "Wear and Corrosion behaviour of Ti-based Coating on Biomedical Implants", Surface Engineering (Taylor and Francis) Vol.36, No.4, pp. 1-10, I.F:2.229. by Dr. S.Christopher Ezhil Singh, Professor, ME Department, Vimal Jyothi Engineering College, Chemperi
3. "A Controllable Window Function for modelling nonlinearity of a HP memristor model resultant from sigmoidal behaviour of memristive method", Studia Rosenthaliana (Journal for the study of research- web of Science group) Volume XII, Issue II by Dr. Sridharan P, Associate Professor, ME Department, Vimal Jyothi Engineering College, Chemperi

TECHNICAL TALK

Mr. Sreekanth M P, Assistant Professor, Department of Mechanical Engineering delivered a technical talk on "Additive Manufacturing" at Ammini College of Engineering, Palakkad on 02 March 2020.

Program Educational

Objectives (PEO'S)

PEO1: Graduates will be able to pursue successful professional career in Mechanical Engineering with sound technical and managerial capabilities.

PEO2: Graduates will have skills and knowledge to formulate, analyze and solve problems in mechanical engineering to meet global challenges.

PEO3: Graduates will be capable of pursuing mechanical engineering profession with good communication skills, leadership qualities, team spirit and professional ethics to meet the needs of the society.

PEO4: Graduates will sustain an appetite for continuous learning by pursue higher education and research in the allied areas of science and technology.

Program Outcomes

(POs)

PO1: Engineering knowledge

PO2: Problem analysis

PO3: Design/development of solutions

PO4: Conduct investigations of complex problems

PO5: Modern tool usage

PO6: The engineer and society

PO7: Environment and Sustainability

PO8: Ethics

PO9: Individual and team work

PO10: Communication

PO11: Project management and finance

PO12: Life-long learning

Program Specific

Outcomes (PSOs)

PSO1: An ability to use computer aided modelling and simulation tools to provide solutions to mechanical engineering problems.

PSO2: An ability to develop and implement a process in a well-planned manner leading to a demonstrable product

Staff Editors: Mr. Gokulnath R (Asst. Prof), Mr. Melbin Benny (Asst. Prof)

Student Editors: Ms. Aswathi Manoharan, Mr. Samrood Abdul Wahab