

Journals:

a) **National:** Nil

b) **International:**

- ❖ A paper on "**Experimental investigation on VCR DI Diesel Engine fuelled with dual biodiesel blends of palm and jatropha**" was published in international journal of modern trends in engineering Research(IJMTER).Volume 04, Issue 8, [August– 2017] ISSN (Online):2349–9745; ISSN (Print):2393-8161.
- ❖ A paper on "**Vortex flow over the flat plate and backward facing step**" was published in IOSR Journal of Engineering (IOSRJEN), Vol. 07, Issue 04 (April. 2017), ||V1|| PP 20-31 ISSN (e): 2250-3021, ISSN (p): 2278-8719.
- ❖ A paper on "**Experimental analysis of 20% EGR Rate on VCR Diesel Engine Fuelled with Jatropha Biodiesel Blends**" was published in International Journal of Engineering Science & Research Technology (IJESRT) in the month of May 2016.

Conferences:

a) **National:**

- ❖ A paper on "**Strength analysis of banana and American Hybrid composite**" presented in one day National conference on "Recent Advances in Mechanical Engineering(NCRAME-17)" organized by Department of Mechanical Engineering, PVPS institute of Technology, Kanuru, Vijayawada on 2nd December 2017.

b) **International:**

- ❖ A paper on "**Experimental investigation on Catalytic Pyrolysis of Waste plastic using Fly ash Catalyst**" presented in two day international conference on "Advances in Renowned and Renewable Energy technologies(ICARRET-)" Organized by Department of Mechanical Engineering, VR Siddhartha Engineering College, Kanuru, Vijayawada during 23rd and 24th October 2019.

LIST OF WORKSHOPS ORGANIZED:

- ❖ Organized Guest lecture for students on "**Operation and troubleshooting of steam boilers and turbines**" on 13th and 14th October 2018.

LIST OF WORKSHOPS / SEMINARS ATTENDED:

- ❖ Participated in two day Faculty development program on "**Design and Analysis of Experiments**" on 30th August, 2019 at Gudlavalluru Engineering College, Gudlavalluru.
- ❖ Participated in a DST – SERB sponsored One Week Short Term Program on "**Bio – Fuels and Fuel Cell Fundamentals and Applications**" , Conducted by Centre for IC Engines & Automotive Research, Department of Mechanical Engineering and Department of Chemical Engineering, Annamalai University, during 3rd to 9th December 2018.
- ❖ Participated in two day Faculty development program on "**Advances in Manufacturing**" on

16th and 17th November 2018 at Gudlavalleru Engineering College, Gudlavalleru.

- ❖ Participated in one day workshop on "**Characterisation of metal matrix Composites**" on 11th Aug 2018 at Gudlavalleru Engineering College, Gudlavalleru.
- ❖ Participated in one week Refresher course on "**Computational Fluid Dynamics**" from 18th to 23rd June 2018 at Gudlavalleru Engineering College, Gudlavalleru.
- ❖ Participated in two day faculty development program on "**Matlab and its Applications**" on 8th and 9th Feb 2018, at Gudlavalleru Engineering college, Gudlavalleru.
- ❖ Participated in one day workshop on "**Outcome based Education**" on 9th Dec 2017, at Gudlavalleru Engineering College, Gudlavalleru.
- ❖ Participated in two day Faculty development Program on "**Training on Progecad**" on 6th and 7th DEC 2017 at Gudlavalleru Engineering college, Gudlavalleru.
- ❖ Participated in one week refresher course on "**Finite Element Analysis**" from 19th to 24th June 2017 at Gudlavalleru Engineering College, Gudlavalleru.
- ❖ Participated in a two day national level workshop on "**Advanced automotive technologies and open surgery of an IC Engine**" which was conducted by Vignan's institute of Information Technology Visakhapatnam on 18th and 19th of Feb 2016.

CERTIFICATIONS:

- ❖ NPTEL Certification in 12 week course on "IC Engines and Gas Turbines"
- ❖ NPTEL Certification in 12 week course on "Steam and Gas power systems"
- ❖ NPTEL Certification in 4 week course on "Laws of Thermodynamics"

GUEST LECTURES DELIVERED: Nil

MEMBERSHIP IN PROFESSIONAL BODIES:

- ❖ Member in Institute of Engineers(**IE**) India
- ❖ Member in Society for Automotive Engineers(**SAE**) India

CONSULTANCY ACTIVITIES: Nil

GRANTS FETCHED: Nil

