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**Designation:** Assistant Professor

**Educational Qualifications:** M.Tech (Thermal), (PhD)

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**Areas of Interest:** Thermal Engineering, Alternative fuels

**Experience:** 12 years

**Details of Publications:**

*National/International /Conferences:*

1. H. V. Mulimani, M. C. Navindgi, "**Production of Solid Fuel by Pyrolysis Process using Neem De-Oiled Seed Cake**" International Journal of Engineering Technology Science and Research, Volume 4, Issue 11 November 2017 held in Hyderabad.
2. H V Mulimani, M. C. Navindgi, "**Analysis Of Physiochemical Properties Of De-Oiled Neem Seed Cake For Their Suitability In Producing Bio-oil**" International Journal of Mechanical And Production Engineering, Special Issue, Sep.-2016 pp. 37-41 held in BTI college of engineering, Bangalore.
3. H V Mulimani, M. C. Navindgi, "**Studying the properties of de-oiled neem seed cake for its suitability in producing bio-oil**" National conference organized at GND College of Engineering, Balki- dt. 26-10-2016.
4. Hanumanth Mulimani, O D Hebbal, M. C. Navindgi, "**Extraction of Biodiesel from Vegetable Oils and their Cost Analysis**" National conference on Emerging Technologies in Renewable Energy [ETRE] on held at Guru Nanak Dev Engineering College, Bidar.
5. Hanumanth Mulimani, O D Hebbal, M. C. Navindgi, "**Experimental Investigation of Performance & Emission Characteristics of Diesel & Transesterified Cotton Seed Oil Blends in CI Engine**" held in P.D.A College of Engineering.

*National/International /Journals:*

1. H. V. Mulimani and M. C. Navindgi, "**High calorific value fuel from pyrolysis of waste de oiled seed cakes**" Nature Environment and Pollution Technology, Vol. 17, No. 3 (September), Year 2018.
2. Hanumanth V. Mulimani and Mallinath C. Navindgi, "**Production and Characterization of Bio-Oil by Pyrolysis of Mahua De-Oiled Seed Cake**" Energy Technology & Environmental Science, ChemistrySelect 2018, 3, pp. 1102– 1107
3. H. V. Mulimani, M. C. Navindgi, "**Analysis of Physiochemical Properties of De-Oiled Mahua Seed Cake for their Suitability in Producing Bio-Oil**" International journal of innovative research in science, engineering and technology" Vol. 5, Issue 4, April 2016, pp.5061-5067.
4. H. V. Mulimani, M. C. Navindgi, "**Production of Solid Fuel Biochar from De-Oiled Seed Cake by Pyrolysis**" IOSR Journal of Mechanical and Civil Engineering, Volume 14, Issue 2 Ver. III (Mar. - Apr. 2017), PP 57-61.
5. Hanumanth Mulimani, O D Hebbal, M. C. Navindgi "**Extraction of biodiesel from vegetable oils and their comparisons**" in International Journal of Advanced Scientific and Technical Research [IJAST]. Issue 2, Volume 2 (April 2012).

6. Hanumanth Mulimani, O D Hebbal, M. C. Navindgi “**Extraction of Biodiesel from Cotton Seed Oil by Transesterification Process**” in International journal of biochemistry and biotechnology (IJBBR) Volume 3 Number 2 (2012) pp. 71-80
7. Hanumanth Mulimani, O D Hebbal, M. C. Navindgi, "**An Experimental Investigation of DI Diesel Engine Fuelled with Emulsions of Mahua Bio-Oil**" International Journal of Science and Research, Volume 6 Issue 1, January 2017, pp. 1781-1785.
8. Hanumanth Mulimani, O D Hebbal, M. C. Navindgi, “**Experimental Investigation of Performance & Emission Characteristics of Diesel & Transesterified Cotton Seed Oil Blends in CI Engine**” in International journal of Emerging Technologies & Applications in engineering Technology & sciences [IJ-ETA-ETS].