

RAJENDRA MANE COLLEGE OF ENGINEERING AND TECHNOLOGY, AMBAV (DEVROKH)

DEPARTMENT OF AUTOMOBILE ENGINEERING

Summary of Faculty Publications

Academic Year	Number of Papers Presented in Conferences	Number of Papers Published in Journals
2017-18	3	1
2016-17	5	9
2015-16	3	5

Faculty Paper Publication/ presented [2015-16]

- **Prof. Powar R. U.** published paper on “**Fault diagnosis of roller bearing using vibration signals through ARMA feature and tree family classifier.**” Published in International Journal of engineering research and technology (ISSN: 2278-0181), July 2015.
- **Prof. MANE P. L.** published paper on “**Design of horizontal pressure vessel for vacuum system drain collector receiver**” International Journal for scientific research and development (ISSN: 2321-0613), sept 2015.
- **Prof. MANE P. L. & prof. Wafelkar G. V.** published paper on “**Computational fluid dynamics analysis of horizontal axis pressure vessel**” International Journal for scientific research and development (ISSN: 2455-2631), April 2016.
- **Prof. Rajopadhyay R. D.** published paper on **Implementation of alternative braking system in case of brake failure situation** International Journal of research in advent technology (ISSN: 2321-9637), may 2016.
- **Prof. Rawool S. D.** published paper on “**Structural analysis of bolero maxi-truck chassis using ANSYS 14.5**” International Journal for scientific research and development (ISSN: 2349-6010), April 2016

Faculty Paper Publication / presented [2016-17]

- **Prof. Dhole N.S. and Prof. Rajopadhye R.D** published paper on “**Optimization of Bio- Diesel Engine Parameters using Taguchi Approach**” in International Conference at H.I.T., Nidasoshi Published in Ignited Mind Journal, (ISSN: 2330-9659), October 2016 (special Issue).

- **Prof. Manchekar N.N** published paper on “**Design and analysis of composite leaf spring**” in International Conference at India International Centre New Delhi. Published in International Journal of Innovative Research in science and Engineering (ISSN: 2454-9665), July 2016
- **Prof. Yadav A.P** published paper on “**Design and analysis of composite leaf spring**” in International Conference, August 2016
- **Prof. Yadav A.P** published paper on “**Experimental study of plate heat exchanger with CuO₂ Nano Partical**” in International Conference at H.I.T., Nidasoshi Published in Ignited Mind Journal (ISSN: 2330-9659), October 2016 (special Issue).
- **Prof. S. D. Rawool** published paper on “**Review on Engine Decarbonisation Process**” in International Journal for Innovative Research in Science & Technology Volume 3 | Issue 05 | October 2016 ISSN (online): 2349-6010.
- **Prof. S. S. Surve** presented a paper on “Audio Visual Driver Guidance System” in NCCTRD, RMCET during December 2016.
- **Prof. N. N. Manchekar** presented a paper on “Effect of Petrol-Alcohol Blend on Emissions of SI Engines: A Review” in NCCTRD, RMCET during December 2016.
- **Prof. R.D.Rajopadhye and Prof.N.S.Dhole** presented a paper on “Review Paper on the single machine-scheduling problem with family setup times to minimize the total earliness and tardiness” in NCCTRD, RMCET during December 2016.
- **M.B.Pawar, S.D.Rawool and R.U.Powar** presented a paper on “Review Paper on the single machine-scheduling problem with family setup times to minimize the total earliness and tardiness” in NCCTRD, RMCET during December 2016.

Faculty Paper presented / published [2017-18]

- **Prof. P. L. Mane** presented a paper on “Development of speed control and accident alert system for bike ” in CTRD 2K17 2018 at RMCET, Ambav during December 2017.
- **Prof. O. S. Gadre** presented a paper on “Antitheft System for Vehicle using Microcontroller” in NCREATE 2018 at K. K. Wagh College, Nasik during March 2018.
- **Prof. M. B. Pawar and Prof. S. D. Rawool** presented a paper on “Review Advance Continuously Variable Transmission System” in NCREATE 2018 at K. K. Wagh College, Nasik during March 2018.