

## **DC MEMBER-6**

**Dr. A.Rammohan M.E, PhD.**

**Assistant Professor (Senior)**

**Automotive Research Centre,**

**VIT Vellore.**

**Mobile: 9942570122, Email: [rammohan.a@vit.ac.in](mailto:rammohan.a@vit.ac.in)**

- 1.GP Robertson, A Rammohan 2020, “Semi-autonomous Vehicle Transmission and Braking Systems” Lecture Notes in Mechanical Engineering book series, Advances in Automotive Technologies, 29-38
- 2..A Kalghatgi, A Rammohan 2020, “Lane Monitoring System for Driver Assistance Using Vehicle to Infrastructure Connection” Lecture Notes in Mechanical Engineering book series ,Advances in Automotive Technologies, 51-63
- 3.Rammohan A and RameshKumar C 2019, “Liquid cooling system for a high power light emitting diode of an automotive headlamp and its effect on light intensity”, :European Physical Journal: Special Topics
4. Rammohan, A., Ramesh Kumar, C., Rashidi, M.M 2019, “High-power LED luminous flux estimation using a mathematical model incorporating the effects of heatsink and fins” ,Trends in Mathematics, Springer
5. Pawashe, R.A., Kalkundri, S.S., Chavan, C.B., Rammohan, A. 2017, “Fault diagnosis of engine lubrication system”, IEEE Xplore
6. Vishal, S.R., Prataprao, K.O., Pravin, N.A., Rammohan, A. 2017, “Investigation of effect of air filter clogging on performance and emissions from engine” IEEE Xplore
7. Rammohan A and RameshKumar C 2017, “Investigation on light intensity and temperature distribution of Automotive's Halogen and LED headlight”, IEEE Xplore
8. Urlagunta, N., Budati, S., Sanjana, K., Rammohan, A. 2017, “Automated bot to optimize the use of resources in agriculture by introducing internet of things” Journal of Physics
9. Rammohan A and RameshKumar C 2017, “Performance analysis of photoresistor and phototransistor for automotive's halogen and xenon bulbs light output”, Journal of Physics
10. Cherian, F., Ranjan, A., Bhowmick, P., Rammohan, A 2017, “Model based design of electronic throttle control”, Journal of Physics
11. Rammohan, A., Gowda, P.R., Nanda, D. 2017, “Driver behavior analysis using multiple sensor data fusion and pattern recognition” Journal of Chinese Political Science

**12.** Rammohan, A 2016, “Engine's lubrication oil degradation reasons and detection methods: A review”, Journal of Chinese Political Science

**13.** Rammohan, A. and Rameshkumar C 2016, “ A Review on Effect of Thermal Factors on Performance of High Power Light Emitting Diode (HPLED)”