



IIT MADRAS

Prof. M. A. PARAMESWARAN
INSTITUTE CHAIR

Prof. M. A. PARAMESWARAN INSTITUTE CHAIR

Chair Professorships are awarded to Professors who have distinguished themselves and have been recognized by their peers for their research and/or technology development. This Institute Chair was named in honour of the Retd. **Prof. M.A. Parameswaran**. Prof. M.A. Parameswaran, a highly popular teacher in Department of Mechanical Engineering at IIT Madras, who was also the Head of Department from 1983 to 1986. He was well known for his dedication in teaching Mechanical Design. He had made an impact with his superb teaching perseverance in imparting knowledge, and desire to see his students achieve excellence in all aspects of life. Prof. Parameswaran visited West Germany as a visiting faculty from Dec 1978 to Dec 1979 and had won accolades for his excellence in teaching and designs. He is known among his peers as a designer par excellence. Prof. Parameswaran was President of IIT Madras Alumni Association in the 1990's. He was instrumental to Alumni Silver Unions during that time. He was one of the first trustees for the IIT Madras Alumni Charitable Trust, formed in 1993. The 3 books that he has authored on Mechanical Design, are of extreme value to students



Prof. M.A. Parameswaran
Retired Professor
Department of Mechanical
Engineering

Prof. MAP Chair Occupant



Prof. A. Ramesh
Department of Mechanical
Engineering

The occupant of Prof. MAP Chair is **Prof. A. Ramesh**, Mechanical Department. Prof. A Ramesh received his M.Tech and Ph.D degrees from IIT Madras and he joined IIT Delhi as Assistant Professor and moved to IIT Madras in 1995. He was instrumental in developing three new states of the art laboratories for UG/PG teaching. Alternative Fuels, Improvement of Two-Stroke Engines, Automotive Engineering, Engine Control and Hybrid Vehicles are his expertise. He has over 30 years of teaching and research experience and has published over 80+ journal articles in various prestigious journals in Mechanical Engineering such as:

- International Journal of Heat and Mass Transfer (IJHMT),
- SAE International Journals of Engines,
- SAE Technical Papers
- International Journal of Engine Research.

Prof. Ramesh also holds many patents, and have been listed below:

January
2020, Patent
no:
IN328436B

Synthesis of Amorfrutin and Cajanin stilbense and their analogues from a common building block

August
2019,
Patent no:
IN317361B

System for varying valve lift and duration

November
2016,
Patent no:
IN2015023
7414

Starting a Four- Stroke internal combustion engine

July 2016,
Patent no:
IN2014052
9614

Twin-injector system for two-stroke spark ignition engines and uses there of

December
2015,
Patent no:
IN2014001
0414

A method of combusting a gaseous fuel containing at least one combustible gas in an internal combustion engine

May 2015,
Patent no:
IN2013054
5714

Synthesis of Amorfrutin and Cajanin stilbense and their analogues from a common building block

System for varying valve lift and duration

April 2015,
Patent no:
IN20130475
614

Variable valve timing assembly for a 4-stroke
internal combustion engine.

July 2008,
Patent no:
IN20060097
013

Prof. M.A. Parameswaran Chair Launch:



The Chair was launched during AlumNite which took place on July 19, 2018, at the CLT, IIT Madras

For photos of Prof. M.A. Parameswaran Chair Launch



For Video of the Chair Launch



Thank you!

We would like to take this opportunity again to express our heartfelt gratitude to all those who made benevolent contributions towards the growth and development of IIT MADRAS.



Indian Institute of Technology Madras, Chennai – 600036

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