

## **Principal Profile**

### **Present Employment**

Principal,  
Annai Velankanni Polytechnic College,  
Anguchettypalayam,  
Panruti post,  
Cuddalore Dt, Tamilnadu  
India.



### **Personal Details**

Father's Name : N.Sinthu  
Date of Birth : 27-06-1967  
Religion : RC Christian  
Residential Address : 104, ADL Nagar,  
Near Theivanaiyammal college,  
VILLUPURAM-605401.  
Tamil Nadu.

### **Educational Qualification**

**Ph.D-2014** : Doctor of philosophy in Mechanical Engg.  
: Department of Mechanical Engg.SCSVMV-University  
Kanchipuram, Tamil Nadu.

**M.E -2009** : Master of Engineering (Specialization-Thermal Engg)  
: Department of Mechanical Engg.  
Sathiyabama University,  
Cholinganallur, Chennai.

- B.E – 1989** : Bachelor of Engg (Mech.Engg)  
National Engineering College,  
Madurai Kamaraj University,  
Madurai.
- PGDEM-1992** : Post graduate Diploma in Energy management  
Madurai Kamaraj University,  
Madurai.
- HSC – 1985** : Higher Secondary course certificate,  
St. Joseph’s Higher Secondary school, Manapad,  
Thirunelveli District.

**Experience - Teaching**

- March 2014 – Till date** : Principal, Annai Velankanni Polytechnic College,  
Panruti, Cuddalore Dt.
- September 2012 -March 2014** : Principal, St.Anne’s College of Engg and Technology,  
Panruti, Cuddalore Dt.
- January 2007 – August 2012** : Principal, Annai Velankanni Polytechnic College,  
Panruti, Cuddalore Dt.
- January 1998 – December 2006** : Head of the Department.  
Dept. of Mechanical Engg. and Automobile Engg.  
Elumalai Polytechnic College,  
Villupuram P.O & Dt.

- Workload assigning to teaching staff
- Time table preparation for each semester
- Day today administration works
- Purchase of consumable and equipments
- Monitoring stock registers & equipments
- Acted as Board exam related co-co-ordinator in exam cell.
- Acted as guide for diploma students
- Got Best project award
- “Fabrication of Aero Modeling”
- “Special design of wheel chair for climbing steps”
- Got NBA Certification for Mechanical Department during the year 2005

**December 1989-December 1997** : Lecturer, Dept.Mechanical Engg.  
Elumalai Polytechnic College,  
Villupuram, Tamil Nadu.

- Examiner for central Valuation for Board Examination, DOTE.
- Supervisor for final year project of Mechanical and Automobile Engg.
- Acted as counselor for Diploma students
- Acted as tutor for hostel students
- Finder for remedies of slow learners
- Acted as behavior changer
- Acted as disciplinary committee member and head.

### **Professional Body membership**

- Life member of the Indian society for Technical Education (MISTE)
- Life member of the combustion Institute (MCI) Indian section
- Fellow of the Institution of Engineers (India)

**Publications**  
**International Journal**

1. S. Savariraj, T. Ganapathy, C. G. Saravanan, Characterization of the DI diesel engine powered by mango seed oil methyl ester with fuel additive. **Scholars Research Library, Euro. J. Appl. Eng. Sci. Res., 2013, 2 (4) : 44-50.**
2. S. Savariraj, T. Ganapathy, C. G. Saravanan, Experimental Investigation of fish oil bio diesel with an additive 1, 4 dioxane in a Thermal Barrier Ceramic (TBC) Coated DI diesel engine. **International journal of innovative research in science engineering and technology**, Vol.2, issue 11, Nov 2013.
3. S.Savariraj, T.Ganapathy, C.G.Saravanan, Performance, emission and combustion characteristics of fish-oil biodiesel engine , Scholars Research Library, **European Journal of Applied Engineering and Scientific Research**, 2013, 2 (3):26-32.
4. S.Savariraj, T. Ganapathy, C. G. Saravanan, Experimental Investigation On Di Diesel Engine Powered With Raw Mango Seed Oil (MSO) And Mango Seed Bio Diesel (MSBD)1. **International Journal of Engineering Research & Technology ESRSA Publication**, Vol. 2 Issue 6, June – 2013.
5. S.Savariraj, T. Ganapathy, C. G. Saravanan, Performance and Emission characteristics of diesel engine using high-viscous oil, **International Journal of Ambient Energy, Taylor and Francis Publications** 2012, 1-11 i first published on 11.09.2012.
6. S.Savariraj, T Ganapathy and C G Saravanan, Experimental investigation of performance and emission characteristics of Mahua biodiesel in diesel engine, **ISRN Renewable Energy, Hindawi Publishing Corporation, New York, USA** Volume 2011 Article ID 405182, 6 pages.

7. S.Savariraj, T. Ganapathy, C. G. Saravanan, Biodiesel-A Solution for Alternative Fuel Technology-An Overview, **International Journal of Thermal Science and Engineering**, Vol.1 (2011), No.1, Issue 1, pp. 29-34.
8. S.Savariraj, T.Ganapathy, K.Murugesan An artificial and experimental study of performance on jatropha Bio diesel Engine, Thermal science, Vol-13(2009) No.3 PP69-82

### **International Conference**

1. S. Savariraj, C. G. Saravanan, Characterization of the DI Diesel Engine Powered by Mango Seed Oil Methyl Ester with Fuel Additive **Proceedings of the 9 th Asia-Pacific Conference on Combustion, May 19-22, 2013, Gyeongju, Korea.**  
Page-292.
2. S. Savariraj, T. Ganapathy, C. G. Saravanan, Performance, emission and combustion characteristics of fish-oil biodiesel engine , **Proceedings of the 9 th Asia-Pacific Conference on Combustion,May 19-22,2013,GYEONGJU, KOREA.** Page-73.
3. S. Savariraj, T. Ganapathy, C. G. Saravanan, Algae Biodiesel - A Solution for Alternative Fuel Technology, **Proceedings of International Conference on Recent Advances in Mechanical Engineering** (INCRAME-2011), Dr. M.G.R. Educational & Research Institute University, Adayalampattu, Chennai, India, April 21-22, 2011.
4. S.Savariraj, C.G.Saravanan, S.Prem Anand “Parametric study of fuel supply dynamics for a DI diesel engine cold start”  
7<sup>th</sup> Asia pacific conference on combustion May 24-27-2009 Taiwan.

### **National Conference**

- 1.S Savariraj, T Ganapathy and C G Saravanan, Experimental study of performance of DI diesel engine operating on Ethanol-Tamanu oil blends, **Proceedings of the 22nd National Conference on IC Engines and Combustion, NIT-Calicut, Kerala, India: 10-13 December, 2011: Paper No: 1-007.**
2. Alben David Jeyapaul, B.Arul Jothi, S.Savariraj, T.Ganapathy, Cyclone engine – An efficient and advanced external combustion engine. **Proceedings of National Conference on Advances in mechanical Engineering (NCAME- 2010), Prasad V Potluri Siddhartha institute of Technology, Kanuru, Vijayawada, Andhra Pradesh, India, 18<sup>th</sup> Dec.2010, pp. 35-41.**
3. B.Arul jothi, Alben David Jeyapaul, S.Savariraj, T.Ganapathy, Performance of biodiesel engine using artificial neural networks, **Proceedings of National Conference on Advances in Mechanical Engineering (NCAME-2010) Prasad V Potluri Siddhartha institute of Technology, Kanuru, Vijayawada, Andhra Pradesh, India, 18<sup>th</sup> Dec.2010, pp.42-47**
4. Performance and emission analysis on ethylester of jatropha cureas with enthonol fumication. ) Special issue on combustion, fuel and emission control in IC engine Vol-50, No1234, 2009.

### **Seminars/workshops /Conferences attended**

1. National conference on Indian Higher Education, agenda for innovation leap frogging inspite of all constraints on 14-09-2019
2. Overview of NBA process presented to AVPTC staff members on 21-12-2019
3. Training programme attended at DOTE on 27-08-2019 regarding placement and internship programme.
4. Conference on “ Transformative leadership to meet the challenges in higher education institution organaised by Xavier board of higher education in India, Bangalore held at Loyola college of social sciences, Thiruvananthapuram from 10-02-2017 to 12-02-2017- 3days
5. Review of academic process and proceedures on 24-11-2016 to all the AVPTC staff members.

6. Attended the programme on Motivation and personality development conducted by DOTE on 23-08-2014 to 25-08-2014.
7. Online workshop on NBA Accreditation by knowledge institute of Technology (KIOT) Salem from 27-15-2020 – 01-06-2020.
8. Attended career guidance programme on self-employment at EPT, Villupuram on 08-02-2002
9. Attended a soft skill programme on communication skills, Interpersonal skills and leadership qualities at EPT, Villupuram on 17-11-2005
10. W/S attended at NITTTR Chennai on computer aided manufacturing October-2006
11. Attended – AICTE – ISTE STTP on “ Basic Training in CAD/CAM work station at salem polytechnic college, Salem from 11-11-2002 to 23-11-2002
12. Attended a conference on “ The role of religeous minority higher education institution in Today’s context” on 27-11-2021 at St.Joseph’s college, Trichy