

# Faculty Profile

1. Name : K.Senthilvadivu
2. Designation : Professor
3. Date of Joining : 21.08.1995
4. Nature of Association : Regular
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## 7. Academic Qualifications:

Course	Name of the Institution / University	Year of Passing	% of Marks	Class
Ph.D (Computational Fluid dynamics)	Anna University, Chennai, India	December 2012	-	-
M.Phil (Mathematics)	Bharathiyar University Coimbatore	April 1994	71	First
M.Sc (Mathematics)	Sri G.V.G.Vishalakshi College for women / Bharathiyar University Coimbatore	April 1992	75	First
B.Sc (Mathematics)	Sri G.V.G.Vishalakshi College for women / Bharathiyar University Coimbatore	April 1990	77	First
H.S.C.		March 1987	66.3	First
S.S.L.C.		March 1985	59.6	First

## 8. Teaching Experience

- **Professor**, K.S.Rangasamy College of Technology, Tiruchengode, from 02.01.2013 to till-date.
- **Associate Professor**, K.S.Rangasamy College of Technology, Tiruchengode, from 01.07.2010 to 01.01.2013
- **Assistant Professor**, K.S.R. College of Engineering, Tiruchengode, from 01.07.2004 to 30.06.2010.
- **Lecturer**, K.S. Rangasamy College of Technology, Tiruchengode, from 21.08.1995 to 30.06.2004.

## 9. Projects

### Ph. D

**Thesis title:** “Evaluation of the effect of thermo physical parameters on heat and mass transfer

## 10. Publications

1. Moorthy M. B. K. and Senthilvadivu K. (2009), "Effect of thermal stratification on convective heat transfer past a vertical plate embedded in porous medium with an applied magnetic field", International Journal of Computing and Applications, Vol. 4, No. 1, pp. 85-101.
2. Moorthy M. B. K. and Senthilvadivu K. (2010), "Effect of variable permeability and thermal conductivity together with thermal stratification on mixed convection flow along a vertical plate in a porous medium", International Journal of Computing and Applications, Vol. 5, No. 2, pp. 165-180.
3. Moorthy M. B. K. and Senthilvadivu K. (2011), "A study on variable viscosity on free convection flow of non-Newtonian fluids along a horizontal surface with thermal stratification", European Journal of Scientific Research, Vol. 52, No. 1, pp. 61- 69.
4. Moorthy M. B. K. and Senthilvadivu K. (2011), "Effect of variable viscosity on convective heat and mass transfer by natural convection from horizontal surface in porous medium", WSEAS Transactions on Mathematics, Vol. 10, No.6, pp. 210- 218.
5. Moorthy M. B. K. and Senthilvadivu K. "Soret and Dufour Effects on Natural Convection Flow past a Vertical Surface in a Porous Medium with Variable Viscosity", Journal of Applied Mathematics Vol. 2012, Doi 10.1155/2012.
6. Moorthy M. B. K. and Senthilvadivu K. "Effect of variable viscosity on free flow of non-Newtonian fluids along a vertical surface with thermal stratification", Archives of Thermodynamics, Vol.33 (2012), No.4.109-121.
7. Moorthy M. B. K. and Senthilvadivu K. "Effect of variable viscosity on convective heat and mass transfer by natural convection from vertical surface in porous medium", WSEAS Transactions on Mathematics, Vol. 11, No.9, pp. 751- 759.
8. Moorthy M. B. K. and Senthilvadivu K. (2011), "Effect of Thermal stratification on natural convection flow of non-Newtonian fluids along a horizontal plate in a saturated porous medium", Proceeding of the National Conference: NDEDS 2011, Ramakrishna Misson, Coimbatore, India, February 18-19, pp.147-154.
9. Dr.K.Senthilvadivu, Dr.K.Prabakaran, Dr.N.Lalithamani" The effect of thermal stratification with variable viscosity and thermal conductivity on free convection flow along a vertical plate with heat sink" Mathematics sciences international research journal ,Volume -6 Issn 2, 2017(pg.no 182-189)\

**Fathers Name** : S. Karuppiah  
**Date of Birth & Age** : 04.09.1969 & 50 Years  
**Gender** : Female  
**Marital Status** : Married  
**Permanent Address** : **78,Anna Nagar**  
Kadachanallur (p.o),  
Erode-638008  
Tamilnadu, India.