

CURRICULUM VITAE



Dr. P.SIVAKUMAR

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OBJECTIVE :

Interested to work in a challenging and learning atmosphere, which should give me an opportunity to deliver the best. My greatest asset is a quick learning capacity and dedication towards work which keeps me going.

PROFESSIONAL RECORD :

Doctor of Philosophy (Ph.D.) in Mathematics

Specialization : Fluid Dynamics
Institute : Periyar University, Salem.
Awarded date : 12-Apr-2018

Master of Philosophy (M. Phil.) in Mathematics

Institute : Alagappa University, Karaikudi.
Class Obtained : First Class (65%)
Awarded date : June 2003

Master of Science (M. Sc.) in Mathematics

Institute : Sri Ramasamy Naidu Memorial college, Sattur
Madurai Kamaraj University
Class Obtained : First Class (75%)
Post-Graduation : April 2002

Bachelor of Science (B.Sc.) in Mathematics

Institute : Sri Ramakrishna Mission Vidyalaya college of
Arts and Science, Coimbatore.
Bharathiyar University
Class Obtained : Third Class (48.5%)
Graduation : June 2000

Post Graduate Diploma in Computer Applications (PGDCA)

Institute : Alagappa University, Karaikudi.
Class Obtained : Second Class
Awarded date : May 2006

EXPERIENCE : 15.8 Years

Personal Profile:

Father Name : P.Pushparaj

Mother Name : P.Rukmani

Age : 39yrs

Date of Birth : 30-05-1979

Marital Status: Married

Religion : Hindu

Caste : Reddy Kanjam

Languages Known:

- Read – Tamil, English
- Write – Tamil, English
- Speak – Tamil , English

- Working as Professor & Head in Mathematics at P. B. College of Engineering, Irungattukottai, Chennai from August 2003 to till date.

LIST OF PUBLICATIONS:

- **Dr.R.Muthucumaraswamy., and P.Sivakumar.,** “Radiative Heat Transfer Effects on a Parabolic Flow Past an Infinite Isothermal Vertical Plate in the Presence of Chemical Reaction” International Journal of Engineering Sciences & Research Technology, ISSN:2277-9655, Volume-3(3), pp.1354-1358(2014)
- **Dr.R.Muthucumaraswamy., and P.Sivakumar.,** “ Thermal Radiation and First Order Chemical Reaction Effects on a Parabolic Flow past an Infinite Isothermal Vertical Plate with Variable Mass Diffusion” ANNALS of Faculty Engineering Hunedoara – International Journal of Engineering, ISSN:1584-2673.Fascicule-4(Nov).pp.255-260.(2014)
- **Dr.R.Muthucumaraswamy., and P.Sivakumar.,** “Chemical Reaction and Radiation Effects on a Parabolic Flow past an Infinite Vertical Plate with Variable Temperature and Uniform Mass Diffusion”. International Journal of Applied engineeringResearch(IJAER),ISSN:0973-4562.Volume-10(3).pp.6293-6304.(2015) (**Anna University Annexure-II**)
- **Dr.R.Muthucumaraswamy., and P.Sivakumar.,** “First Order Chemical Reaction Effects on a Parabolic Flow past an Infinite Vertical Plate with Variable Temperature and Mass Diffusion In The Presence of Thermal Radiation”, ARPN Journal of Engineering and Applied Sciences,ISSN:1819-6608 Volume.10(12), pp.5177-5185, (2015). (**Anna University Annexure-II**)

- **Dr.R.Muthucumaraswamy., and P.Sivakumar .**“ Hydro magnetic Effects on Parabolic Flow past an Infinite Isothermal Vertical Plate with Variable Mass Diffusion in the Presence of Thermal Radiation and Chemical Reaction”, International Journal of Recent Technology and Engineering, ISSN:2277-3878, Volume.4.(2),pp.5-10.(2015)
- **Dr.R.Muthucumaraswamy., and P.Sivakumar** “MHD Flow past A Parabolic Flow past an Infinite Isothermal Vertical Plate In The Presence Of Thermal Radiation and Chemical Reaction”, International Journal of Applied Mechanics and Engineering, ISSN:2353-9003, Volume.21.(1),pp.95-105.(2016)
- **Dr.R.Muthucumaraswamy., and P.Sivakumar.,** “First Order Chemical Reaction on Parabolic flow past an Infinite Vertical Plate with Variable Temperature and Mass Diffusion in the Presence of External Magnetic Field and Thermal Radiation”, International Journal of Innovation and Scientific Research,ISSN:2351-8014, Volume.25.(2),pp.466-477.(2016)
- **Dr.R.Muthucumaraswamy., and P.Sivakumar** “Unsteady Parabolic MHD Flow Past an Infinite Vertical Plate with Variable Temperature In The Presence Of Thermal Radiation and Chemical Reaction”, Global Journal of pure and Applied Mathematics, ISSN:0973-1768, Volume.(Special Issue)12.(3),pp..300-306.(2016).(Anna University Annexure-II)

CONFERENCES:

- Presented a paper on “ Radiative Heat Transfer Effects on a Parabolic Flow Past an Infinite Isothermal Vertical Plate with in the Presence of Chemical Reaction” International Conference on Advance Research in Engineering and Technology (ICARET –2014), organized by ARM college of Engineering and Technology, Chennai on April 2014
- Presented a paper on “Unsteady Parabolic MHD Flow Past an Infinite Vertical Plate withVariable Temperature In The Presence Of Thermal Radiation and Chemical Reaction” NationalConference on Pure and Applied Mathematics (NCPAM –2016), organized by Mathematics, Advanced school of sciences, VIT University, Vellore on March 2016.
- Presented a paper on “Skin-Friction Analysis on a Parabolic Flow Past an Infinite Vertical Plate with Radiation and Chemical Reaction” National Conference on Recent Trends in Engineering (NCRTE – 2016), organized by P.B.College of Engineering, Chennai, on March 201 6

WORKSHOP/ SEMINAR:

- National Seminar on COMPUTATIONAL AND PRACTICES FOR SIMULATION OF FLUID FLOW AND HEAT TRANSFER from March 26th & 27th September, 2014 organized by Sri Venkateswara College of Engineering, Department of Chemical Engineering, Sriperumbudur.
- National Seminar on GEOMETRIC FUNCTION THEORY held on March 26th, 2011 organized by Sri Venkateswara College of Engineering, Department of Applied Mathematics, Sriperumbudur.
- One Day Workshop on SYNCOPATED APPROACH & SKILL MATRIX IN EFFECTIVE COMMUNICATION ON 9th Jan 2010 organized by P.B. College of Engineering, Department of English, Sriperumbudur.
- One Day Workshop on TRENDS IN OPERATIONAL RESEARCH AND APPLICATIONS ON 23rd Dec. 2010 organized by Anna University, Chennai.

SUBJECT HANDLED:

- **UG LEVEL:** Engineering Mathematics-I&II, Transforms and Partial Differential Equations, Probability and Queueing Theory, Probability and Random Processes, Numerical Methods, Statistics & Numerical Methods,
- **PG LEVEL:** Operations Research, Resource Management Techniques, Applied Mathematics for Electrical Engineers M.E (PED), Applied Probability and Statistics M.E (CSE), Applied Mathematics for Communication Engineering M.E(C&C), Advanced Mathematical Methods M.E (AERO).

DECLARATION:

I hereby declare that all the information given here are true to the best of my knowledge, and committed to serve for organizational development.

Date:

Place:

(Dr. P. SIVAKUMAR)