

**Dr. S. KRISHNARAJ**

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Thanjavur – 613004, Tamil Nadu, India**

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**D.O.B: 24-12-1970: Hindu – Indian - Married**

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### **Educational Qualifications**

**Ph.D., (Physics)** A.V.V.M. Sri Pushpam College (Autonomous), Poondi, Thanjavur,  
Bharathidasan University, Tiruchirappalli-620 002, India.  
**Commended – Feb 2013**

**M.Phil.,  
(Physics)** A.V.V.M. Sri Pushpam College (Autonomous), Poondi, Thanjavur,  
Bharathidasan University, Tiruchirappalli-620 002, India.  
**First Class – 2002.**

**P.G.D.C.A.** VHNSN College, Virudhunagar,  
Madurai Kamraj University, Madurai, India.  
**First Class – 1995**

**M.Sc.,  
(Physics)** VHNSN College, Virudhunagar,  
Madurai Kamraj University, Madurai, India.  
**First Class - 1993.**

**B.Sc.,  
(Physics)** VHNSN College, Virudhunagar,  
Madurai Kamraj University, Madurai, India.  
**First Class - 1991.**

### **Subjects Taught**

Computational Physics and MATLAB  
Nuclear Physics  
Digital Electronics  
Numerical Methods  
C & C++ Programming

### **Research Interests:**

Computational: Molecular Docking Studies  
Theoretical Physics: Structure property studies using Neural  
Network  
Experimental Physics: Nano particles and thin-films

### **Experience in Teaching:**

<b>S.No</b>	<b>Position</b>	<b>Name of the Institute</b>	<b>From</b>	<b>To</b>
1	Temporary Faculty	National Institute of Technology	Aug.2018	<b>Till Date</b>
2	Assist. Professor (on contract)	Central University of Tamil Nadu, Thiruvarur	Sep.2015	May.2018
3	Guest Lecturer	MR Govt Arts college, Mannargudi.	Jun.2014	Sep.2015
4	Assist. Professor	PRIST University (Engg.), Vallam	Jul.2011	May.2013
5	Assist. Professor	PRIST University (Arts), Vallam	Aug.2010	Jun.2011
6	Senior Lecturer	Ponnaiyah Ramajayam College, Thanjavur – 614 904	Sep.1997	Jul.2010
7	Lecturer	Ram Institute of computer Technology (Affiliated to Bharathidasan University)	Jul.1996	Aug.1997

### **List of Publications / Papers**

1. Associative Neural Network and MLR based QSPR for Modeling Viscosity of Alcohols , P.Neelamegam and S.Krishnaraj, Asian Journal of Chemistry,23,5079-5084,July(2011)
2. Estimation of liquid viscosities of oils using Associative neural networks, P.Neelamegam and S.Krishnaraj, Indian Journal of chemical Technology,18(6),463-468,November(2011)
3. Quantitative Structure-Property Relationship (QSPR) For Predicting Surface Tension Of Organic Compounds Using Associative Neural Networks, P.Neelamegam and S.Krishnaraj, Asian Journal of Chemistry,24,2012
4. Prediction of Refractive index of Organic Compounds using Structure-Property studies, S.Krishnaraj and P.Neelamegam, Research Journal of Pharmaceutical, Biological and Chemical Sciences, Published on 26-08-12.
5. Green Synthesis , Antimicrobial and Antioxidant Effects of Silver Nanoparticles Using Canthium coromandelicum Leaves Extract, Science Alert, S. Chandra Mohan, K. Sasikala, T. Anand, P.C. Vengaiyah and S. Krishnaraj, Published on April 15, 2014.
6. Uv visible spectroscopic analysis of green synthesized silver nano particles, European journal of Pharmaceutical and Medical Research, S. Krishnaraj, V. Balamurugan and S. Chandra Mohan Published on Jan 2017

I hereby certify that information above furnished are true and correct to the best of my knowledge and belief.

Yours truly  
(S. Krishnaraj)