

## STAFF PROFILE

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**Name** : **J. Suresh**  
**Designation** : **Associate Professor & Principal**  
**Date of Entry into Service** : **20.02.1997**  
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**Education** : **M.Sc., M.Phil., P.B.D.C.A., B.Ed., P.h.D.,**  
**Areas of specialization** : **Crystallography**

### **Projects undertaken**

Title of the Project	Name of the funding Agency	Duration	Completed/Ongoing	Amount	Remarks
Single Crystal X-ray diffraction methods & docking studies on some pharmaceutically important drug molecules	UGC	Upto 2019	Completed	2.5 lakhs	UGC Sponsored

### **Seminars Organized**

Title of the Seminar/Conference/Workshop	Date	Sponsoring Agency	National/State/International	Co-ordinator/Convener
X-ray crystallography- a tool to drug design.	22-09-2010	UGC	State	Convener
Recent Trends in Condensed Matter Physics	18-01-2013	UGC	State	Coordinator

## Seminars, Workshop and Conferences Attended

SL. NO.	NAME OF THE ORGANISER & DATE	TITLE	LIST OF AUTHORS
1	35 <sup>TH</sup> NATIONAL SEMINAR ON CRYSTALLOGRAPHY, NPL, NEW DELHI : 22-24 FEBRUARY 2006	Crystal Structure of Pyridinium Tartrate	J. Suresh , K.Rajagopal , R.V. Krishnakumar and S. Natarajan
2	35 <sup>TH</sup> NATIONAL SEMINAR ON CRYSTALLOGRAPHY, NPL, NEW DELHI : 22-24 FEBRUARY 2006	Crystal Structure of 1-Cyano-2,3,5,6-Tetraphenyl Piperidin-4-one	J. Suresh, V. P. A. Raja, R. V. Krishnakumar, S. PerumalS. Natarajan, & A. Mostad
3	35 <sup>TH</sup> NATIONAL SEMINAR ON CRYSTALLOGRAPHY, NPL, NEW DELHI : 22-24 FEBRUARY 2006	Hippuric Acid Complexes of Barium and Potassium	J. Suresh, S.A. Martin Britto Dhas, R.V. Krishnakumar & S. Natarajan
4	35 <sup>TH</sup> NATIONAL SEMINAR ON CRYSTALLOGRAPHY, NPL, NEW DELHI : 22-24 FEBRUARY 2006	Crystal Structure of Glycine Calcium Chloride	J. Suresh, R. V. Krishnakumar, K. Ravikumar & S. Natarajan
5	36 <sup>TH</sup> NATIONAL SEMINAR ON CRYSTALLOGRAPHY, DEPT. OF CRYSTALLOGRAPHY & BIOPHYSICS, UNIVERSITY OF MADRAS, CHENNAI-25 : 22-24 JANUARY 2007	Crystal Structure of Ethyl 4-hydroxy-2,6-diphenyl-5-(phenylsulfanyl) pyridine carboxylate (I) and Ethyl 4-hydroxy-2,6-di(4-fluorophenyl)-5-(4-methylphenylsulfanyl) pyridine-3-carboxylate(II)	J. Suresh, R. Sureshkumar, S. Perumal A. Mostad & S. Natarajan
6	38 <sup>TH</sup> NATIONAL SEMINAR ON CRYSTALLOGRAPHY, UNIVERSITY OF MYSORE, MYSORE : 11-13 FEBRUARY, 2009	Crystal Structure of glycine glycinium fumarate monohydrate	S. Natarajan, J. Kalyana Sundar, S.A. Martin Britto Dhas and J. Suresh
7	39 <sup>TH</sup> NATIONAL SEMINAR ON CRYSTALLOGRAPHY, POST-GRADUATE DEPARTMENT OF PHYSICS, UNIVERSITY OF JAMMU. 25 <sup>TH</sup> -27 <sup>TH</sup> OCTOBER 2010	Crystal structure of Ethyl 2-methyl-5-oxo-4-(3,4,5-trimethoxyphenyl)-1,4,5,6,7,8-hexahydroquinoline-3-carboxylate	S. Natarajan, P. Indumathi, J. Kalyana sundar, B. Palakshi Reddy, V. Vijayakumar and J. Suresh
8	39 <sup>TH</sup> NATIONAL SEMINAR ON CRYSTALLOGRAPHY, POST-GRADUATE DEPARTMENT OF PHYSICS, UNIVERSITY OF JAMMU. 25 <sup>TH</sup> -27 <sup>TH</sup> OCTOBER 2010	Crystal structure of L-Asparagine L-tartaric acid	S. Natarajan, V.Hema, J. Kalyana sundar <sup>a</sup> and J. Suresh
9	39 <sup>TH</sup> NATIONAL SEMINAR ON CRYSTALLOGRAPHY, POST-GRADUATE DEPARTMENT OF PHYSICS, UNIVERSITY OF JAMMU. 25 <sup>TH</sup> -27 <sup>TH</sup> OCTOBER 2010	Crystal structures of 4-(4-Methoxyphenyl)-6-phenyl-2,3,3a,4-tetrahydro-.....tetrahydro-1H-pyrido [3,2,1-jk] carbazole	J. Kalyana Sundar, S. Chitra, Nidhin Paul, P. Manisankar, S. Muthusubramanian, J. Suresh and S. Natarajan



10	39 <sup>th</sup> NATIONAL SEMINAR ON CRYSTALLOGRAPHY, POST-GRADUATE DEPARTMENT OF PHYSICS, UNIVERSITY OF JAMMU. 25 <sup>th</sup> -27 <sup>th</sup> OCTOBER 2010	Crystal structures of 4'-Nitro-3,3'-diphenylspiro[indoline-3,2'-pyrrolidin]-2-one and 3'-(4-methoxyphenyl)-4'-Nitro-5'-phenylspiro[indoline-3,2'-pyrrolidin]-2-one	J. Kalyana Sundar, B. Michael Rajesh, S. Perumal, J. Suresh and S. Natarajan
11	40 <sup>th</sup> NATIONAL SEMINAR ON CRYSTALLOGRAPHY DEPARTMENT OF PHYSICS, OSMANIA UNIVERSITY, HYDERABAD - 500 007. 26 <sup>th</sup> -28 <sup>th</sup> November 2011.	Crystal Structure of Ethyl-5-(4-Chloro Phenylsulfonylmethyl) 4-hydroxy-2,6-dip-tolyl-1,2,5,6-tetra hydrophyrindine-3-carboxylate	J. Suresh, P.S. Harikrishnan, R. Vishnupriya, S. Perumal & S. Natarajan
12	40 <sup>th</sup> NATIONAL SEMINAR ON CRYSTALLOGRAPHY DEPARTMENT OF PHYSICS, OSMANIA UNIVERSITY, HYDERABAD - 500 007. 26 <sup>th</sup> -28 <sup>th</sup> November 2011.	Crystal Structure of Diethyl 4(Phenylsulfonylmethyl)cyclohexa-3, 6-diene-1,3-dicarboxylate	J. Suresh, P.S. Harikrishnan, R. Vishnupriya, S. Perumal & S. Natarajan
13	41 <sup>st</sup> NATIONAL SEMINAR ON CRYSTALLOGRAPHY CENTRE FOR ADVANCED STUDY IN CRYSTALLOGRAPHY AND BIOPHYSICS, UNIVERSITY OF MADRAS, GUINDY CAMPUS, CHENNAI -25 08 <sup>th</sup> -10 <sup>th</sup> OCTOBER 2012.	Crystal Structure Spiro[2.2']acenaphthene-1'-onespiro[3.3'].....methylpiperidine.....hydroindozoline	R.A. Nagalakshmi, R. Vishnupriya, J. Suresh & S. Natarajan
14	14 <sup>TH</sup> NATIONAL SEMINAR ON CRYSTAL GROWTH, NSCG- XIV 10-12, MARCH 2010 : SCHOOL OF ADVANCED SCIENCES, VIT UNIVERSITY, VELLORE - 14	Crystal Growth and molecular Structure of Diethyl 5-((4-Chlorophenyl)Sulfinyl)-4-((4-Chlorophenyl)Sulfinyl)Methyl-6-Hydroxy-2-(4-Methylphenyl)-3,6-Cyclohexadiene-1,3-Dicarboxylate	P.S. Harikrishnan , J. Suresh, R. Vijayashanthi
15	INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN CHEMICAL SCIENCES	Crystal Structure of Spiro.....quinoxaline	R.A. Nagalakshmi, R. Vishnupriya, J. Suresh, K. Malathi & R. Ranjithkumar

### Research Publications:

Name of the Journal	Number	ISSN No. if any	Volume No. & Page No. if any	Year	International/National/State
Acta Crystallographica Section E CRYSTALLOGRAPHIC COMMUNICATIONS	95	2056-9890		2005-2016	International

Acta Crystallographica Section C CRYSTAL STRUCTURE COMMUNICATIONS	6	2053- 2296		2007- 2014	International
Journal of molecular biochemistry	5	2241- 0090		2010- 2016	International
Journal of Analytical Sciences	5	1348- 2246		2004- 2010	International
Chemical Data Collections	2	2405- 8300		2019- 2020	International
Journal of Molecular Structures	2	0022- 2860		2019- 2020	International
ISRN Organic Chemistry	1	2090- 5149	11,1-7	2011	International
The Open Crystallography Journal	1	1874- 8465	1, 46-50	2008	International
Crystal structure theory and applications	1	2169- 2505	1, 74-78	2012	International
Journal of Chemical Sciences	1	0974- 3626	Vol. 124, No. 4, 781–790.	2012	International
Z. Kristallogr	1	2194- 4946	NCS 229	2014	International
International Journal of Advance Science and Engineering	1	2349 5359	Vol.3 No.2 289-298	2016	International

### Research Activities

Degree	No. Awarded	No. Submitted	No. Guiding
M.Phil.,	<b>13</b>		
Ph.D.,(Part-time)		1	<b>1</b>
Ph.D. (Full-time)	<b>2</b>		

### Academic council/Board of Studies Member

Institution	For a period of	Dept.
Devangar Arts College, Aruppukottai	2014-17	Physics – MKU nominee
Madura Institute of Social Science	2018-20	Academic council member- MKU Nominee
Rajapalayam Raju's College	2019-21	College Council Member- MKU Nominee

**Service in Extra Curricular Activities (NSS/NCC/AEEP/YRC/MCCA/Club etc.,)**

Whether NSS/NCC/AEEP/YRC	Period
MCCA	1999
MCCA	2002

**Reviewer/editor of a journal**

Title of the Journal	ISSN No. if any	International/ National/State	Editor/Reviewer
ANJAC JOURNAL OF SCIENCE	0972-6012	National	Reviewer
'ROOTS'	2349-8684	International	Chief Editor

**Details of Orientation and Refresher attended**

Orientation/Refresher	University/College/Institute at which attended	Duration	
		from	to
ORIENTATION	PONDICHERRY UNIVERSITY	4/1/2001	31/1/2001
REFRESHER	GANDHIGRAM RURAL INSTITUTE	3/12/2001	23/12/2001
REFRESHER	VIVEKANANDA COLLEGE	6/11/2002	26/11/2002