

## RESUME

**Name** : Dr. U. RAJESH KANNAN  
**Department** : Physics  
**Designation** : Assistant Professor  
**Category** : SF (Physics)  
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**Date of Birth** : 03-06-1987  
**Date of Joining** : 18-06-2015



### Qualification:

Sr.	Category	Name of the Degree	Specialization	Year of Passing	Name of the College/University	% of Marks / Grades Obtained	Class Obtained
1	UG	B.Sc	Physics	2008	Kamaraj College / MSU	58.9	Second class
2	PG	M.Sc	Physics	2010	V.O.C .College /MSU	75.68	First With Distinction
3	PG	M.Phil	Physics	2012	M.S.University /MSU	70.20	First Class
4	Ph.D.	Doctor of Philosophy	Physics	2019	The M.D.T.Hindu College /MSU	-	Awarded
5	UG (Edn)	B.Ed	Education	2011	V.O,C.College/ TNEU)	78.18	First with distinction
6	PG (Edn)	M.Ed	Education	2013	M.S.University /MSU	71.36	First Class

### Academic Experience:

Name of the College	Whether Aided/SF	Designation	Joining Date	Relieving Date	Experience		
					Years	Mont hs	Day s
Kamaraj College	SF	Assistant Professor	18-06-2015	20-07-2017	1	7	-
Kamaraj College	SF	Assistant Professor	17-12-2019	-	-	3	15
				Total	1	10	15

**Papers Published:**

Sr.	Name of the Author	Title of the Paper	Name of the Journal	Year	Vol. No. Issue No.	Page No	Impact of Factor
1	<b>U.Rajesh Kannan</b> M. Malathi P.Selvarajan	Investigation on various studies of thiourea doped L-Alanine cadmium chloride crystals	Journal of Advanced Scientific Research	<b>2020</b>	11 (1)	1-6	0.567
2	<b>U. Rajesh Kannan</b> J. Velins Stanly C. Muthukrishnan	Growth and Studies of Strontium Chloride Doped Ammonium Dihydrogen Phosphate Crystals	Research & Reviews: Journal of Physics	<b>2019</b>	8(2)	1-8	1.536
3	<b>U. Rajesh Kannan</b> P. Selvarajan, G.P. Sankar Ganesh	Alpha decay half lives of Heavy Elements	Journal of Nuclear Engineering & Technology	<b>2019</b>	9(2)	1-7	3.647
4	<b>U.Rajesh Kannan</b> G.Emerson Robin P.Selvarajan K.Anandhan	Nucleation kinetics, Growth and studies of lithium formate monohydrate crystals doped with magnesium sulfate or copper sulfate	International Journal of Research	<b>2019</b>	8(6)	1060-1073	2.593
5	<b>U. Rajesh Kannan</b> G. Narayanasamy S.Subramanian P. Selvarajan	Structural, optical, mechanical and third order NLO studies of tetrakis thiourea Trichloroacetate single crystals	Journal of Applied Science and Computations	<b>2019</b>	6(1)	364-377	5.8
6	<b>U.Rajesh kannan</b> G.P.Sankar Ganesh U.Sankar	Growth and other characterization of bis-glycinium oxalate and thiourea doped crystals	International Journal of Advance and Innovative Research	<b>2019</b>	6(1)	172-179	3.252
7	<b>U.Rajesh Kannan</b> G.Sharmila Devi S. Kalyanaraman S.Sheik Saleem	Spectral, electrical and NLO studies of anilinium dihydrogen phosphate crystals grown by solution method	Journal of Applied Science and Computations	<b>2019</b>	6(1)	1113-1128	5.8
8	<b>U. Rajesh Kannan</b> G. Narayanasamy S.Subramanian P. Selvarajan	Studies of Glycine Dimethyl Urea crystals Grown by Aqueous Solution Method	Journal of Pure and Applied Science & Technology	<b>2018</b>	8(1)	18-40	0.765
9	<b>U. Rajesh Kannan</b> G. Narayanasamy S.Subramanian P. Selvarajan	Spectroscopic, thermal, second order and third order NLO studies of N, N' -dimethyl urea crystal	Journal of Applied and Advanced Research,	<b>2018</b>	3(1)	1-7	5.2
10	<b>U. Rajesh Kannan</b> G. Narayanasamy S.Subramanian P. Selvarajan	Spectroscopic, NLO and thermal studies of single crystals of picric acid	International Journal of Research and Analytical Reviews	<b>2018</b>	5 (3)	685-93	4.236

11	<b>U.Rajesh Kannan</b> J.Jude Brillin P.Selvarajan	Growth and characterization of crystals of thiourea sodium fluoride	International Journal of Research and Analytical Reviews	<b>2018</b>	5 (3)	1105-1111	4.236
12	<b>U.Rajesh Kannan</b> J.Jude Brillin P.Selvarajan	studies of L-Arginine Sodium fluoride crystals grown by slow evaporation technique	International Journal of Scientific Research and Reviews	<b>2018</b>	7(3),	01-11	1.536
13	<b>U.Rajesh kannan</b> G.P.Sankar Ganesh U.Sankar P.Selvarajan	Structural, optical, hardness and impedance studies of Bis-Glycinium Oxalate single crystals	Journal of Applied Science and Computations	<b>2018</b>	5(11)	1542-1550	5.8
14	<b>U.Rajesh kannan</b> J.Velins Stanly C.Muthukrishnan P.Selvarajan	Solution growth and studies of strontium chloride doped ammonium dihydrogen phosphate crystals	Journal of Emerging Technologies and Innovative Research	<b>2018</b>	5(9)	508-517	5.87
15	<b>U. Rajesh Kannan</b> S. Sudharthini P. Selvarajan C. Gnana Sambandam	Growth, XRD, FTIR and Second Order NLO studies of Undoped and Zinc Sulphate doped L-Histidine Single Crystals	Trends in Opto-Electro & Optical Communications	<b>2018</b>	8(3)	31-36	0.56
16	<b>U.Rajesh kannan</b> J.Velins Stanly C.Muthukrishnan P.Selvarajan	Spectral, dielectric, hardness and NLO studies of lithium chloride doped Hippuric acid crystals	Journal of Applied Science and Computations	<b>2018</b>	5(10)	678-689	5.8
17	<b>U. Rajesh Kannan</b> G. Narayanasamy S.Subramanian P. Selvarajan	Investigation on growth and characterization of tetrakis-thiourea nickel sulphate crystals	International Journal of Advanced Trends in Engineering and Technology	<b>2017</b>	2(2)	185-193	5.665

**Conference / Seminar / Workshop / Orientation / Refresher Course / Symposia / Training Programme Attended:**

Sr.	Theme	Place	International / National / State Level	Year	Resource Person / Paper Presentation / Participation
1	Materials for micro Electro Mechanical system (MEMS)	Department of Physics, Scott Christian College, Nagarcoil,	<b>State Level Seminar</b>	2009	Participation
2	Advances in Theoretical Physics	Sri Kumara Gurupara Swamigal Arts College, Srivai kuntam	<b>State Level conference</b>	<b>2009</b>	Participation
3	Advances in Physics	Department of Physics, St. Xavier's College, Palayamkottai, India.	<b>National Seminar</b>	<b>2010</b>	Participation
4	Structural Bioinformatics	of Physics, Manonmaniam Sundaranar University,	<b>National Seminar</b>	<b>2012</b>	Participation
5	Advances in Materials Science	Department of Physics, Monomania Sundaranar University, Tirunelveli	<b>National Seminar</b>	<b>2012</b>	Participation
6	Revamping Qualities in Higher Education (Paper Presented)	Department of Education, Manonmaniam Sundaranar University, Tirunelveli.	<b>International Conference</b>	<b>2013</b>	Oral Presentation
7	Empowering Prospective Teachers In Changing Children's Media-Mania,	Department of Education, V.O.C .College of Education, Thoothukudi,	<b>National Seminar</b>	<b>2013</b>	Participation
8	Curriculum Development Cell on Reforms in Examination and Evaluation Systems	Department of Education, Manonmaniam Sundaranar University, Tirunelveli-	<b>Workshop in Collaboration</b>	<b>2013</b>	Participation
9	Frontier areas in applied Physics (NCFAAP-2016)	Annamalai University, Annamalai nagar, Chidambaram	<b>National conference</b>	<b>2016</b>	Participation
10	Functional material (ICFM-2016)	PSN College of Engineering and Technology, Tirunelveli-	<b>International conference</b>	<b>2016</b>	Poster presentation
11	Nano science and technology (ISNST-2016)	Mother Teresa Women's University, Kodaikanal,	<b>International conference</b>	<b>2016</b>	Poster presentation
12	Recent trends in materials science	Department of Physics, Sadakathullah Appa College (Autonomous), Tirunelveli	<b>National Seminar</b>	<b>2017</b>	Poster presentation
13	Recent scenario in enhancing research skills in higher education Sponsored by UGC	V.O.C College Of Education, Tuticorin, Tamilnadu on	<b>National workshop</b>	<b>2017</b>	Participation.

14	Energy, environment and advanced materials for a sustainable future (ICEEAMSF)	Kongu Engineering College, Perundurai, Erode.	<b>International conference</b>	<b>2017</b>	Poster presentation
15	Nano science and nano technology (NSNT-2017)	Bosonia Club St.Ignatius College of Education, Palayamkottai	<b>National seminar</b>	<b>2017</b>	Best Poster presentation award
16	Emerging trends in physics	Department of Physics, Funded by University grants commission, New Delhi, Sadakathullah Appa College, Rahmath Nagar, Tirunelveli	<b>National conference</b>	<b>2018</b>	Oral presentation
17	Crystal growth and applications	Department of Physics, Sacred Heart College, Tirupattur	<b>National seminar</b>	<b>2018</b>	Oral presentation
18	Recent trends in materials science	Department of Physics, Aditanar College of Arts and Science, Tiruchendur	<b>National seminar</b>	<b>2018</b>	Oral presentation
19	Materials and technology synthesis, processing and applications (ICMAT-SPA)	Sri.S.Ramasamy Naidu Memorial College, Sattur	<b>International conference</b>	<b>2018</b>	Poster Presentation
20	Materials science and technology	Department of Chemistry and Physics, A.P.C.Mahalakshmi College for Women, Thoothukudi	<b>International seminar</b>	<b>2018</b>	Best Poster Presentation award
21	Recent trends in materials science	Department of Physics, Sadakathullah Appa College, Rahmath nagar, Tirunelveli	<b>National seminar</b>	<b>2018</b>	Oral presentation
22	Emerging trends in condensed matter physics and modeling of new material in industrial world	Department of Science and Humanities P.A College of Engineering Pollachi, Coimbatore, and technology,	<b>National conference</b>	<b>2018</b>	Oral presentation
23	Recent innovations in applied science, engineering and technology RIASET-2018	Scad engineering College Cheranmahadevi, Tirunelveli.	<b>International conference</b>	<b>2018</b>	Oral presentation
24	Recent trends in multi-disciplinary research (ICRTMDR-2018)	V.O.Chidambaram College, Thoothukudi, Tamilnadu on	<b>International conference</b>	<b>2018</b>	Oral Presentation
25	Energy materials	Department of Physics Monomaniam Sundaranar University, Tirunelveli.	<b>National conference</b>	<b>2018</b>	Poster presentation
26	Education & Social Changes in Present	Department of History, Kamaraj College, Thoothukudi	<b>National conference</b>	<b>2018</b>	Oral presented

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27	Technology advanced materials (ISTAM -2018)	musilm Arts College, Thiruvithancode, Nagarcoil, Kaniya kumari	<b>International seminar</b>	<b>2018</b>	Best Poster Presentation award
28	Chemistry of materials – NCCM'18	Department of Chemistry, Sadakathullah Appa College (Autonomous), Rahmath Nagar, Tirunelveli	<b>National conference</b>	<b>2018</b>	Poster Presentation
29	Recent trends in multi-disciplinary research (ICRTMDR-18),	A.P.C. Mahalaxmi for women, Thoothukudi	<b>International conference</b>	<b>2018</b>	Oral presentation
30	Advanced materials and their applications	PG & Research Department of Chemistry, V.O.Chidambaram College, Thoothukudi	<b>International conference</b>	<b>2018</b>	Oral presentation
31	<b>Emerging</b> trends in Physics (NSETP-2019)	Department of Physics, Sadakathullah Appa College, Rahmath Nagar, Tirunelveli	<b>National seminar</b>	<b>2019</b>	Best Oral presentation award
32	Emerging trends in material Chemistry (ETMC-2019),	Department of Chemistry, Aditanar College of Arts & Science, Tiruchendur,	<b>State level conference</b>	<b>2019</b>	Best Poster presentation award
33	Crystal growth and applications	Department of Physics, Bharathiar University, Coimbatore	<b>National seminar</b>	<b>2019</b>	Oral presentation
34	Dvelopments in effective materials- REDEEMS'19'	Department of Physics, Sarah Tucker College (Autonomous), Tirunelveli-7.	<b>National conference</b>	<b>2019</b>	Oral presentation
35	Recent advances in applied chemistry (RAAC-2019)	Department of Chemistry and research centre , Aditanr College of Arts and Science, Tiruchendur	<b>National conference</b>	<b>2019</b>	Oral Presentation
36	Advanced materials (NCAM-2019)	Department of Physics, Nanjil Catholic College of Arts and Science, Kaliyakkavilai, Kannyakumar	<b>National conference</b>	<b>2019</b>	Poster presentation
37	Recent Advacnes in Physical Science	P.G.& Research Department of Chemistry & Physics, Rani Anna Govt.College of Women, Gandhi nagar, Tirunelveli	<b>National Symposium</b>	<b>2019</b>	Oral presentation
38	(CSIR Sponsored) on Recent Research Simulation of Crystal Growth and its Device Applications in Industries,	department of Science and Humanities, P.A. College Engineering And Technology, Pollachi,	<b>National Conference</b>	<b>2019</b>	Oral presentation
39	Advanced materials organized by the Department of Physics and In association with	Aditanr College of Arts and Science, Tiruchendur, Tamilnadu,	<b>International conference</b>	<b>2019</b>	Oral Presentation

	Indian Association for Crystal Growth (IACG),Chennai, (ICAM-2019),				
40	Technology advanced materials (ISTAM -2019)	Muslim Arts College, Thiruvithancode, Nagarcoil, Kaniya kumari	<b>International seminar</b>	<b>2019</b>	Poster Presentation
41	<b>NPCIL –KKNPP</b> Sponsored “Advanced Research Trends in Chemistry” (ARTC-19)	T.D.M.N.S College on Dakshina Mara Nadar Sangam College, T.Kallikulam	<b>National Conference</b>	<b>2019</b>	Poster Presentation
42	Recent Developments in the Applications of Bio inorganic Chemistry (RDABC -2019)	Department of PG Chemistry , Aditanr College of Arts and Science, Tiruchendur	<b>State conference</b>	<b>2019</b>	.(Poster Presentation
43	Advanced materials and their Applications (ICAMA-2019)	Department of Chemistry, V.O.Chidambaram College, Tuticorin, Tamilnadu	<b>International conference</b>	<b>2019</b>	Poster Presentation
44	Growth and applications XXIV NSCGA-2020 association with Indian Association for Crystal Growth	Department of Physics, Periyar University, Salem	<b>24<sup>th</sup> National seminar</b>	<b>2020</b>	Poster Presentation
45	The faculty development programme on Empowering Teachers in the Art of Teaching & learning	Annammal College of Education for Women, Thoothukudi	<b>Work shop</b>	<b>2020</b>	Participation
46	Recent Trends in Multi- Disciplinary Research (ICRTMDR-2020)	A.P.C.Mahalaxmi College for women Thoothukudi	<b>International conference</b>	<b>2020</b>	Poster Presentation
47	Emerging Trends in Physics (NSETP-2020) Funded by University Grants Commission New Delhi	Department of Physics, Sadakathullah Appa College (Autonomous), Rahmath Nagar, Tirunelveli	<b>National Seminar</b>	<b>2020</b>	Poster Presentation

**Other Relevant Information:****LIST OF BEST ORAL AND POSTER PERSENTATIONS AWARDS**

Sr.	Theme	Place	International / National / State Level	Year	Resource Person / Paper Presentation / Participation
1	Nano science and nano technology (NSNT-2017)	Bosonia Club St.Ignatius College of Education	<b>National seminar</b>	<b>2017</b>	1. Best Poster presentation award
2	Materials science and technology	Chemistry and Physics, A.P.C.Mahalakshmi College for Women, Thoothukudi	<b>International seminar</b>	<b>2018</b>	2. Best Poster Presentation award
3	Technology advanced materials (ISTAM - 2018)	Arts College, Thiruvithancode, Nagarcoil, Kaniya kumari	<b>International seminar</b>	<b>2018</b>	3. Best Poster Presentation award
4	Emerging trends in Physics (NSETP-2019)	Department of Physics, Sadakathullah Appa College, Rahmath Nagar, Tirunelveli	<b>National seminar</b>	<b>2019</b>	4. Best Oral presentation award
5	Emerging trends in material Chemistry (ETMC-2019)	Department of Chemistry, Aditanar College of Arts & Science, Tiruchendur,	<b>State level conference</b>	<b>2019</b>	Best Oral presentation award

It is certified that all the information provided are true to the best of my knowledge.