

G.T.N Arts College (Autonomous), Dindigul

Staff Details for up gradation in the Web Site

RESUME



- 1. Name : Dr. J.KALIGA RANI**
- 2. Age & Date of Birth : 46, 23.09.1976**
- 3. Designation & Subject : Assistant Professor & Mathematics**
- 4. Educational Qualification : M.Sc., M.Phil., Ph.D.,**
- 5. Date of Appointment : 26.02.2016**
- 6. Date of Retirement : 31.09.2036**

7. Qualifications – Academic:

S.No.	Qualification	Name of Institution/ University	Year of Passing	Class & Percentage	Field of Specialization
1	S.S.L.C.	St.Joseph's Higher Secondary school , Dindigul	1990	I 79.8%	General
2	H.S.C.	St.Joseph's Higher Secondary school , Dindigul	1992	I 71.8%	Maths,Physics, Chemistry,Biology
3	B.Sc.	G.T.N Arts college, Madurai Kamaraj University, Madurai	1995	I 84.87%	Mathematics
4	M.Sc.	Gandhigram Rural Institute- Deemed university,Dindigul	1997	I 79.75%	Mathematics & computer applications
5	M.Phil.	Madurai Kamaraj University, Madurai	2002	II 55.8%	Mathematics
6.	Ph.D	Bharathidasan University,Tiruchirappalli	2012		Number theory

8. Teaching Experience

Sl. No.	Place of Service	Period		Designation
		From	To	
1	G.T.N Arts College (Autonomous),Dindigul	26.02.2016 - Till date		Assistant Professor
2	P.S.N.A. College of Engineering & Technology, Dindigul	20.07.2000 – 25.02.2016		Lecturer /Assistant/Associate/Professor
3	The Gandhigram Rural Institute- Deemed university,Dindigul	23.01.1998 – 15.05.2000		Lecturer

9. Total Teaching Experience:

Under graduate	-	23 Years 9 Months
Post Graduate	-	01 Years 00 Months
Research	-	00 Years 00 Months

10. Area of Specialisation : i) Teaching - Algebra, Analysis,C and C++
ii) Research - Number Theory

11. Research Supervision:

Ph.D. : Completed: -, Pursuing: -

M.Phil. : Completed: -, Pursuing: -

12. Orientation Course, Refresher, FDP,Short Term Courses Attended:

Sl. No.	Name of the Institution/University	From	To
1.	UGC- Human Resource Development Centre, Bharathithasan University, Tiruchirappalli.	18.05.2018	14.06.2018
2.	Two week National Online faculty development program on "DesigingMoocs,Digital Skills and E- Content Development "organized by Guru AngadDev Teaching Learning Centre, S.G.T.B.Khalsa College, University of Delhi under the PanditMadan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT) of MHRD and Annamalai University,Tamil Nadu	17.08.2020	30.08.2020
3.	UGC-HUMAN RESOURCE DEVELOPMENT CENTRE Doctor Harisingh Gour Vishwavidyalaya, Sagar - 470 003 (MP) India	24.09.2021	08.10.2021

13. Seminars/Workshops/Conferences/Symposium – Participation

- ❖ Participated in One Day faculty Development Programme Theme: Redefined Role of Teachers (UGC Autonomy Grant) at Sourashtra College on March 5, 2016.
- ❖ Participated in One Day workshop on Engineering Mathematics Through open source Software SAGE and R at VIT Chennai on March 19, 2016.
- ❖ Participated in International conference on Computing, Communication, Nanophonics, Nanoscience, Nanomaterials and Nanotechnology at Holy Grace Academy of Engineering on April 7-8 2016.
- ❖ Participated in one day Faculty development programme Emerging trends in accessing Electronic Resources at G.T.N Arts College on 4 February 2017.
- ❖ Participated in one day International seminar Research Process Easier, Effective and for a Quantitative Research at G.T.N. Arts college on 28 February 2017
- ❖ Participated in one day National workshop TAMILNADU STATE COUNCIL FOR HIGHER EDUCATION Sponsored and organized by G.T.N. ARTS COLLEGE, E-CONTENT DEVELOPMENT AND MOOC on 22 nd December, 2018
- ❖ Participated in one day NAAC Sponsored National Seminar on Challenges in Quality Sustenance in Higher Education at Arulmigu Palaniandavar Arts College for Women, Palani on 29th January, 2019
- ❖ Participated in one day National workshop Sponsored by National Assessment and Accreditation Council, Bengaluru on Outcome Based Education- A Paradigm Shift at G.T.N Arts College on 27 th June 2019

- ❖ Participated in one day National workshop Catalysed and Financially Supported by Tamilnadu State Council or Science and Technology, Dept of Higher Education, Government of Tamilnadu On Intellectual Property Rights at St. Antony's College of Arts and Sciences For Women, Dindigul on 9 th August 2019
- ❖ Participated in one day National workshop, Catalysed and Supported by Tamilnadu State Council or Science and Technology on Art of Writing Research Paper and Publishing in High Reputed Journals at G.T.N Arts College on 4 th November 2019
- ❖ Participated in National workshop on Ancient Indian Mathematics at Sri Sarada Niketan College of Science for Women, Karur (in Association with Andhra Pradesh & Telangana Society of Mathematical sciences) on February 20-21,2020.
- ❖ Participated in Five days Online Faculty Development Programme on Channelizing Innovation and Entrepreneurship through ICT Tools Organized by Holly cross college, Nagerkovil from 12 th may to 16 th may 2020
- ❖ Participated in Faculty Development Programme - webinar on Outcome Based Curriculum Design Organized by V.V.Vanniaperumal College for women, Virudhunagar on 14 th and 15 th may 2020
- ❖ Participated in the Two day National Virtual Faculty Development Programme on Project Proposals for funding Agencies(UGC Stride & ICSSR Impress): Preparation & Submission Protocol Organized by Research and Development Center, Tamil Nadu teachers Education University, Chennai on 25th and 26th may 2020

- ❖ Participated in Five days Free Online workshop for Teachers from 2nd June 2020 to 6th June 2020 Organized by Universal Teachers Academy Kallakuruchi&Chinnasalem
- ❖ Participated in One day International webinar on Role ,Importance & Benefits of yoga in Our Daily Life jointly organized by the Centre for Human Excellence of SreeSaraswathiThyagaraja college ,pollachi and GeethaJeevan Arts & Science College, Thooththukkudi on June 21,2020
- ❖ Participated in National Webinar on Power of Big Thinking-Manifest your desires with Right Thoughts Organized by RajapalayamRaju'sCollege,Rajapalayam on 2nd July ,2020
- ❖ Participated in National level Webinar 3.0 on Greatness of our Ancient Mathematicians Organized by PSNA College of Engineering and Technology, Dindigul on 03.07.2020
- ❖ Participated in One Day National Webinar on "DesigingMoocs,Digital Skills and E-Content Development " organized by Guru AngadDev Teaching Learning Centre, S.G.T.B.Khalsa College, University of Delhi under the PanditMadan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD and Annamalai University,Tamil Nadu on 14th August 2020
- ❖ Participated in One Day National Webinar on "Promotional Avenues for Teachers in Higher Education:CAS Regulations-2018" ,organized by Guru AngadDev Teaching Learning Centre, S.G.T.B.Khalsa College, University of Delhi under the PanditMadan

Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD on 5th September 2020

- ❖ Participated in One Day National Webinar on "E-learning, E-content and Copyright Issues" organized by Guru AngadDev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD and S.S.T College of Arts & Commerce on 8th September 2020
- ❖ Participated in One week faculty development program on Development of Teacher's e-kit and MOOCs in Four Quadrant Format of e-Content organized by Guru AngadDev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of MHRD from 12-20 September 2020
- ❖ Participated in Four days National Level Online Faculty Development Program on "REVISED NAAAC ACCREDITATION FRAMEWORK PERCEPTIONS" organized by G.T.N Arts College from May 12 to May 15, 2021
- ❖ Participated in One Day National Webinar on "Patent Drafting skills for researchers and Academicians" organized by G.T.N Arts College on 31st May 2021
- ❖ Participated in Two Day National level Technical Online Workshop on "Intellectual Rights" organized by Tamil Nadu State Council of Science and Technology, Government of Tamil Nadu, Chennai and Research and Development Cell, G.T.N Arts College from 21st to 22nd June 2021

- ❖ Participated in UGC Sponsored Webinar on "Yoga For Wellness" organized by University Grants Commission Human Resource Development Centre, Bharathidasan University, Tiruchirappalli on 6th August 2021.
- ❖ Participated in One Day National Webinar on "The Importance of Data Visualization" organized by Guru AngadDev Teaching Learning Centre, S.G.T.B. Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of MHRD on 10th August 2021.
- ❖ Participated in UGC Sponsored Webinar on "Yoga For Wellness" organized by UGC Human Resource Development Centre, Madurai Kamaraj University, Madurai on 4th September 2021.
- ❖ Participated in National Webinar on "Teacher's e-Kit: A Four Quadrant Approach for Development of OERs for Higher Education" organized by Guru AngadDev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) of Ministry of Education on 09th September 2021.
- ❖ Participated in Online Two Week Interdisciplinary Faculty Development Programme on "Research Methodology" organized by Teaching Learning Centre, Ramanujan College, University of Delhi under the aegis of Ministry of Education, Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching from 20 July-03 August 2021

- ❖ Participated in Two days “IN-SERVICE TEACHER TRAINING PROGRAMME “ held at sriMeenakshiGovt.Arts College for Women(A),Madurai-625002 Organized by Tamilnadu State Council For Higher Education,Chennai on 05.05.2022 and 06.05.2022

15. List of Publications International Journals

- ❖ Published an article on Genesis of Math fear in school Students a scrutiny using induced Fuzzy Cognitive maps (IFCM) WITH TOPSIS, International Journal of Mathematical Archive, 9(3), 2018, 191-199,ISSN:2229-5046 SJIF 2016: 7.543.
- ❖ Published an article on Application of Intuitionistic Fuzzy critical path method in Harbour goods system, Emperor International Journal of Finance and Management Research,79-89,2018, ISSN:2395-5929 SJIF 2017:4.253.
- ❖ Published an article on Facts on Diophantine Equation $11^x + 2^y = z^2$, International journal of future generation communication and networking, Volume 13, No.3, Aug 2020, pg:4180-4182.
- ❖ Published an article on A Review on Osmotic Dehydration Technique and its scope in startup industries, International Journal of Modern Agriculture, Feb2021, Volume 10, No.1, 2021 ISSN: 2305-7246 pg no 176-179.
- ❖ Published an article on Doubt Anti Fuzzy Km Ideal On K-Algebras in Journal of Algebraic Statistics, May 2022, Vol 13,N02 pg no 140-144. ISSN 1309-3452

16. Resource Person

Delivered a talk on " Crptography in Everyday Life" in the State level Webinar on Application of Mathematics in Day Today Life organized by Sudharsan college of arts and science,Pudukkottai on 07.06.2021 ,Monday

17. Membership in Professional Society

1. Life member in the Indian Society for technical Education.
2. The Association of Mathematics Teachers of India