

## **BIO-DATA**



**K. ANNATHURAI**

### **COMMUNICATION ADDRESS:**

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### **Objective**

To build a good rapport with both the students and my colleagues in the teaching profession so I am admired as well as respected.

### **Summary**

<b>Exam-passed</b>	<b>Board/University</b>	<b>Subject</b>	<b>Year</b>
High School S.S.L.C	Board of Secondary Education, Tamilnadu	Academic	1997
Higher Secondary +2	Board of Higher Secondary Education, Tamilnadu	Academic	1999
B.Sc	Madurai Kamaraj University	Mathematics	2002
M.Sc	Madurai Kamaraj University	Mathematics	2004
M.Phil	Madurai Kamaraj University	Mathematics	2006
M.Ed	Madurai Kamaraj University	Education	2007
Ph.D	Manonmaniam Sundaranar University	Mathematics	2019

**Age & Date of Birth :** 41years, 15.05.1981

**Teaching experience (Government / Government-Aided) :15 years**

## List of Published Papers

1. **R. Ponraj**, K. Annathurai, and **R. Kala**, **Remainder Cordial Labeling of Graphs**, Journal of Algorithms and Computation, Vol.49, (2017), 17- 30. **TEHRAN**
2. **R. Ponraj**, K. Annathurai, and **R. Kala**, **k-Remainder Cordial Labeling of Graphs**, Journal of Algorithms and Computation, Vol. 49(2), (2017), 41- 52. **TEHRAN**
3. **R. Ponraj**, K. Annathurai, and **R. Kala**, **4-Remainder Cordial Labeling of Some Graphs**, International Journal of Mathematical Combinatorics, Vol. 1, (March-2018), 138-145. [**UGC LIST** SL No: 604- Journal No: 64647- Publisher: The Educational Publisher Inc.- ISSN: 19371055], **CHINA**.
4. **R. Ponraj**, K. Annathurai, and **R. Kala**, **4-Remainder Cordial Labeling of Some Special Graphs**, International Journal of Pure and Applied Mathematics, Vol.118(6), (2018), 399-405 [**UGC LIST** SL No: 244-Journal No: 23425-Publisher: Academic Publications Ltd-ISSN: 13118080], **BULGARIA**.
5. K. Annathurai, **R. Ponraj**, and **R. Kala**, **Some 3-Remainder cordial graphs**, Global Journal of Engineering Science and Researches, Vol.5(6), (June - 2018), 169 - 175. [**UGC LIST** SL No: 547- Journal No: 64316- Publisher: Mr. Somil Shah - ISSN: 23488034] **INDIA**
6. K. Annathurai, **R. Ponraj**, and **R. Kala**, **Further Results On 3-Remainder cordial labeling of graphs**, International Journal of Management, IT and Engineering, Vol.8(8), (August-2018), 120 - 129. [**UGC LIST** SL No: 148- Journal No: 46823- Publisher: International Journal of Multidisciplinary Research Academy(IJMRA) - ISSN: 22490558] **UNITED STATES**.
7. **R. Ponraj**, K. Annathurai, and **R. Kala**, **4-Reminder cordial labeling graphs obtained from ladder**, International Journal of Mathematical Combinatorics, Special Issue 1(2018), [**UGC LIST** SL No: 604- Journal No: 64647- Publisher: The Educational Publisher Inc.- ISSN: 19371055], **CHINA**.
8. K. Annathurai, **R. Ponraj**, and **R. Kala**, **3-Remainder Cordial Labeling of Cycle Related Graphs**, Journal of Physical Sciences, Vol.24,(6<sup>th</sup> June 2019), 125 - 131. [**UGC LIST** SL No: 547- Journal No: 64316- Publisher: www.vidyasagar.ac.in/publication/journal - ISSN: 23500352] **INDIA**.
9. **R. Ponraj**, K. Annathurai, and **R. Kala**, **Remainder Cordiality of Some Graphs**, Palestine Journal of Mathematics, Vol.No. 8(1)(2019), 367 - 372 [**UGC LIST** SL No: 523- Journal No: 48859- Publisher: Palestine Polytechnic University - ISSN: 22195688], **PALESTINE**.
10. **R. Ponraj**, K. Annathurai, and **R. Kala**, **4-Remainder Cordial Labeling of Some New Families Graphs**, Palestine Journal of Mathematics, {Accepted for Publication} [**UGC LIST** SL No: 523- Journal No: 48859- Publisher: Palestine Polytechnic University - ISSN: 22195688], **PALESTINE**.
11. **R. Ponraj**, K. Annathurai, and **R. Kala**, **Some Results on 4-Remainder Cordial Labeling of Graphs**, **ARS Combinatoria**, {Accepted for Publication}.

Conferences (**International**)- Paper Presentation

- **4-Remainder Cordial Labeling of Some Special Graphs**, International Conference on Mathematical Methods and Computation, (ICOMAC 2017), P.G. & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirapalli, Tamilnadu on 11-Dec-2017.
- **4-Reminder cordial labeling graphs obtained from ladder**, UGC sponsored International Conference on Discrete Mathematics and its Applications, (ICDMA-2018), Department of Mathematics, Monanmaniam Sundaranar University, Tirunelveli, 18-20, January-2018.
- **3-Remainder Cordial Labeling of Cycle Related Graphs**, International Conference on Mathematical Methods and Computation, (ICOMAC 2019), P.G. & Research Department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirapalli, Tamilnadu on 20<sup>th</sup> & 21<sup>th</sup> February-2019.

#### **Conferences/ Seminars (National) – Paper Presentation**

- **4-Remainder Cordial Labeling of Some Graphs**, National Conference on Recent Trends in Mathematics, Model Constituent College of Arts & Science, Tiruvalluvar University, Tittagudi, 16-Mar-2018.
- **Graph Labeling**, National Seminar on Recent Trends in Graph Theory and Analysis, Sri Paramakalyani College (Autonomous), Alwarkurichi, 16- Mar-2017.

#### **Conferences/ Seminars /Workshops (Attended)**

- **DST & INSA, New Delhi Sponsored - Eighth International Workshop on Graph Labelings(IWOGL-2014)**, National Centre For Advanced Research in Discrete Mathematics(n-CARDMATH), Kalasalingam University, Krishnankoil-626 126, Virudhunagar(Dt), 03-06, December- 2014.
- **UGC Sponsored International Workshop on Pure and Applied Mathematics**, Devanga Arts College, (Autonomous), Aruppukottai, 11-Aug-2017.
- **Three Day National Webinar On “New Approach in Graph Theory”**, Organized By Department of Mathematics, Fatima College (Autonomous), Madurai-625 018, Tamilnadu on 18<sup>th</sup> – 20<sup>th</sup> July 2020.
- **Online Institutional Workshop On “Swachhta and Jal Shakti Mission” Jointly Organized By Mahatma Gandhi National Council of Rural Education, Department of Higher Education, Government of India and Rural Entrepreneurship Development Cell, Thiruvalluvar College, Papanasam, 27<sup>th</sup> April 2021.**
- **IQAC and NAAC Coordinators Meet On Environment Management System, Green Campus Audit & Energy Audit to Educational Institutions**

**& Industrial Sectors**, Organized By Nature Science Foundation(ISO 9001:2015 Certified Organization),Coimbatore 641 004,Tamilnadu on 20<sup>th</sup> November 2021.

### **Completion Certificate Course**

- Digital Teaching Techniques Organized By ICT Academy from 07 June 2021 to 11 June 2021.

### **Attended Orientation/Refresher Courses**

- The UGC Sponsored Orientation Programme Conducted By UGC – Academic Staff College, Madurai Kamaraj University, Madurai from 12.05.2011 to 08.06.2011 and Obtained Grade A.
- The UGC Sponsored Refresher Course in Mathematics Conducted By UGC – Academic Staff College, Bharathiar University, Coimbatore, Tamilnadu from 11.09.2012 to 01.10.2012 and Obtained Grade A.
- The UGC Sponsored Refresher Course in Mathematics Conducted By UGC – Academic Staff College, University of Kerala, Kariavattom, Tiruvanandapuram from 17.09.2014 to 07.10.2014 and Obtained Grade A.
- The Refresher Course in Mathematics Conducted By UGC – Human Resource Development Centre, Pondicherry University, Pondicherry from 06.07.2017 to 26.07.2017 and Obtained Grade A.
- One Day Orientation Programme On “Computers for Digital Era” held on 13<sup>th</sup> April 2018 Organized Centre For Academic Affairs, Manonmaniam Sundaranar University, Tirunelveli – 627 012, Tamilnadu.
- The Online Two Week Refresher Course in Mathematical Sciences Conducted By Teaching Learning Centre, Ramanujan College, University of Delhi, (PMMMNMTT) from 14 – 28 June, 2021 and Obtained Grade A+.

### **Resource Person**

- Delivered Lecture Entitled On “Essential Qualities Of Entrepreneurship” in the Three Days Entrepreneurship Awareness Camp Sponsored By the Department of Science and Technology, Government of India, New Delhi Under – DST – NIMAT Project Nodal Agency – EDII, Ahmadabad on 19<sup>th</sup> – 21<sup>th</sup> September 2019.
- Delivered Lecture Entitled On “Biography of the Great Mathematician Srinivasa Ramanujan” in National Mathematics Day Celebrations Organized By Department of Mathematics, SCAD College of Education, Cheranmahadevi, Tirunelveli Dist. -627 414, Tamilnadu.

## **Curriculum Design**

- The Subject Expert for the Board of Studies for the UG and PG Courses, Department of Mathematics, Virudhunagar Hindu Nadars Senthikumara Nadar College (Autonomous), Virudhunagar from a period of three years from 20.10.2021. The First Board of Studies Meeting for the Programme held on Saturday 19<sup>th</sup> March – 2022 at 10.30 am in the Department of Mathematics, V.H.N.S.N College (Autonomous), Virudhunagar.
- The Subject Expert for the Board of Studies for the UG and PG Courses, Department of Mathematics, Sri Parasakthi College for Women (Autonomous), Courtallam from a period of three years from 28.06.2023. The First Board of Studies Meeting for the Programme held on Wednesday 28<sup>th</sup> June – 2023 at 11.00 am in the Department of Mathematics, Sri Parasakthi College for Women (Autonomous), Courtallam.

## **External Examiner**

- The Project Viva – Voce Examination for the final year Students(2018 - 2020), Postgraduate Students of Department of Mathematics, Virudhunagar Hindu Nadars Senthikumara Nadar College (Autonomous), Virudhunagar, Virudhunagar on 18.09.2020.

## **Setter of Question Paper & Scheme of Valuation**

- Undergraduate B.Sc Degree Semester Examinations November 2019 in the Department of Mathematics, Arul Anandar College (Autonomous), Karumathur – 625 514, Madurai Dt, Affiliated to Madurai Kamaraj University, Madurai, Tamilnadu.
- Undergraduate B.Sc Degree End of Semester Examinations December 2020 in the Business Mathematics, Nallamuthu Gounder Mahalingam College (Autonomous), Pollachi, Affiliated to Bharathiar University, Coimbatore, Tamilnadu.

## **Declaration**

I declare that all the information furnished is true to the best of my knowledge and belief.

**K. ANNATHURAI**