

## CURRICULUM VITAE

### **S. RATHA KRISHNAN,**

No.6, Nirmala Illam,  
South main road 1<sup>st</sup> street,  
Aadhambakkam,  
Chennai - 88.  
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### **Personal Description:**

A keen observer with a quest of knowledge always want to be a team leader guiding, motivating and contributing to the progress of any set up I am a part of.

### **Career Objective:**

To apply the obtained knowledge in to practice and constantly update through research and training.

### **Educational Qualification:**

<b>S. No</b>	<b>Course</b>	<b>Name and Place of Institution</b>	<b>Duration</b>	<b>Marks (%)</b>
1.	Ph.D (Metal complexes)	Jamal Mohammed College, Tiruchirapalli	2015	Highly Commended
2.	M. Phil (Chemistry)	Jamal Mohammed College, Tiruchirapalli	2004-2005	77.2
3.	M. Sc. (Chemistry)	National College, Tiruchirapalli.	2002-2004	69.3
4.	B. Sc (Chemistry)	Govt. Arts College, Karur.	1999-2002	71.8

### **Professional Experience:**

**Assistant Professor** in Chemistry, JEPPIAAR SRR Engineering college (A Jeppiaar Institution), Chennai, August – 2007 to May – 2019(11.9 Years).

**Lecturer in Chemistry,** Annai Mathammal Sheela Engineering College, Erumapatti- July-2005 – July – 2007(2.1 Years).

I have 4 Years experience in exam cell as a Exam cell Coordinator at Jeppiaar SRR Engineering College, Chennai.

**Academic Projects:**

**Ph.D Project work:**

Undertook a project entitled “Synthesis, Characterization and Biological activities of Metal Complexes of Mannich Base derived from Heteroaldehyde”.

**M.Phil. Project work:**

Undertook a project entitled “Synthesis, Characterization and Antimicrobial activities of N-(1-Morpholino cinnamyl) Semicarbazide”.

**M.Sc., Project Work:**

Undertook a Project entitled “An Analytical Study on Manufacturing Process of Ethyl Acetate” at Trichy Distilleries and Chemicals, Tiruchirapalli during August 2003.

**CONFERENCES / FDP Organised in Detail:**

1. 7 day Faculty Development and Training Programme was organised on Environmental science and engineering held at Jeppiaar SRR engineering college, Chennai from 05-12-2017 to 11-12-2017 sponsored by Anna University, Chennai.
2. One day National conference organised on “Adroit Conference on Emerging Trends in Chemistry” (ACETIC - 2K18) held at Jeppiaar SRR Engineering College, Chennai on 02-08-2018.

## List of publications

1. **Rathakrishnan S**, Abdul Jameel A and Syed Ali Padusha M, Synthesis, Characterisation and Antimicrobial studies of a Chiral compound and its Metal complexes, *International Journal of Scientific and Research Publications.*, 2014, 4(7)1-8.
2. Abdul Jameel A, Syed Ali Padusha M, **Rathakrishnan S**, and Arun Prabhu S, Synthesis, Characterisation and Antibacterial activity of Mannich bases derived from Benzhydrazide, *Research Journal of Pharmaceutical, Biological and Chemical Sciences.*, 2012, 3(1), 185.
3. Abdul Jameel A, Syed Ali Padusha M, Mohamed Ahadu Shareef T H and **Rathakrishnan S**, Antimicrobial activity of Mannich bases derived from Hetero aldehydes, *International Journal of Pharmaceutical research and Bio-Science.*, 2013, 2(6), 218-232.
4. Anitha B, **Rathakrishnan S**, Umamaheswari R and Joseph Arul Pragasam A, Studies on the Growth and Characterization of Organic L-Arginine Semicarbazone Dihydrate NLO Single Crystal, *Indian Journal of Science and Technology*, Vol 7(7), 1014-1017, July 2014.
5. Anitha B, **Rathakrishnan S**, Sagayaraj P and Arul Pragasam A, Optical and Photoconductivity Studies on L-Arginine Benzohydrazide Non-Linear Optical Single Crystal, *Chinese Journal Of Physics*, Vol. 52, No.2, April 2014.

## LIST OF RESEARCH PAPERS PRESENTED IN CONFERENCES / SEMINARS / WORKSHOPS:

### International:

1. S. Rathakrishnan, A. Abdul Jameel and Syed Ali Padusha, "Synthesis, Characterisation and Biological activity of some Mannich Base Complexes" Proceeding of the International conference on innovations in Engineering and sciences at Jeppiaar SRR engineering college, Chennai on 23&24 th March 2018.
2. S. Rathakrishnan, A. Abdul Jameel and Syed Ali Padusha, "Synthesis, Characterisation and Antimicrobial activity of Copper(II) and Nickel(II) Complexes with a Novel Mannich Base N'-((4-methoxyphenyl)(morpholino)methyl)benzohydrazide" Proceeding of the International

- conference on advancements and challenges in chemical sciences at Pachaiyappa's college, Chennai on 2<sup>nd</sup> & 3<sup>rd</sup> February 2018.
3. S. Rathakrishnan, A. Abdul Jameel and Syed Ali Padusha, "Synthesis, Characterisation and Antimicrobial Study of Cu (II) Complexes Of Mannich Base" in neutral aqueous environment at Vidhya sagar women's college, Chennai on 22<sup>nd</sup> September 2017.
  4. S. Rathakrishnan, A. Abdul Jameel and Syed Ali Padusha, "Synthesis, Characterisation and Antimicrobial study of 1-(4-methoxyphenyl)(2-nicotinoylhydrazinyl)urea" Proceeding of the International conference on Chemistry for Renewable Energy at Bishop Heeber college, Trichy on 25 & 26 February 2016.
  5. S. Rathakrishnan, A. Abdul Jameel and Syed Ali Padusha, "Synthesis, Characterisation and antimicrobial activity of Mannich Bases derived from Benzhydrazide" Proceeding of the International conference on Chemistry and Materials at Anna University, Trichy on 14&15 th Nov 2014.
  6. S. Rathakrishnan, A. Abdul Jameel and Syed Ali Padusha, "Synthesis, Characterisation and Antimicrobial Study of Cu (II) Complexes Of Mannich Base derived from benzohydrazide" Proceeding of the International conference on Chemical and Environmental Research at Jamal Mohamed College, Trichy on 11&12 th March 2014.

**National:**

1. S. Rathakrishnan, A. Abdul Jameel and Syed Ali Padusha, "Synthesis, Characterisation and Antimicrobial Study of Cu (II) Complexes" Proceeding of the National conference on Current Scenario in Material Chemistry at Jamal Mohamed College, Trichy on 9<sup>th</sup> & 10<sup>th</sup> Feb 2015.
2. S. Rathakrishnan, A. Abdul Jameel and Syed Ali Padusha, "Synthesis, Characterisation and Antimicrobial Study of Cu (II) Complexes of a Mannich Base derived from

- Benzohydrazide” Proceeding of the National conference on Current Trend in Chemistry Research at Jamal Mohamed College, Trichy on 27<sup>th</sup> & 28<sup>th</sup> Feb 2013.
3. S. Rathakrishnan, A. Abdul Jameel and Syed Ali Padusha, “Synthesis, Characterisation and Antimicrobial Study of Mannich Base derived from Anisaldehyde” Proceeding of the National conference on New vistas and Challenges in Chemistry at Sathyabama University, Chennai on 23<sup>rd</sup> to 25<sup>th</sup> Jan 2013.
  4. S. Rathakrishnan, A. Abdul Jameel and Syed Ali Padusha, “Synthesis, Characterisation and Antimicrobial Studies of Metal Complexes of O, N-Donor Ligands” Proceeding of the National conference on Emerging Trends in Chemistry at in Bishop Heber college, Tiruchirappalli, 11<sup>th</sup> Jan 2012.
  5. A. Abdul Jameel, Syed Ali Padusha and S. Rathakrishnan,, “Synthesis, Characterisation and Antimicrobial Activities of N-(1-Morpholinocinnamyl)semicarbazide” Proceeding of the Chennai Chemistry conference at IIT Madras, Chennai on 11 to 13 Feb 2011.

**LIST OF WORKSHOPS / SEMINARS / CONFERENCES  
ATTENDED:**

**National:**

1. A seven Day National workshop on “Refined Versions of Basic Sciences and their Uplifting Effects on Society (RVBS-2018)” HELD AT Jeppiaar Engineering College from 6<sup>th</sup> to 13<sup>th</sup> August 2018.
2. One day International seminar on “Sustainable Development and Clean Technologies” held at Anna University, Chennai on 3<sup>rd</sup> July 2018.
3. Workshop on Conservation of Water held at Jeppiaar SRR Engineering College, Chennai on 1<sup>st</sup> September 2017.

4. One day National level Workshop on “Material synthesis and its Characterisation” at Saveetha Engineering College on 17<sup>th</sup> September, 2016.
5. National Seminar on Emerging Trends in Solar Energy at B.S. Abdur Rahman University, Chennai on Oct-23, 2013.
6. One day Seminar on Recent Trends in Advanced Materials at MNM Jain Engineering College, Chennai on 19<sup>th</sup> July 2013.
7. Two day Workshop on Emerging Trends in Nanotechnology Research held at Jeppiaar Engineering College, Chennai on 20<sup>th</sup> and 21<sup>st</sup> July 2011.
8. State level Seminar on Recent Trends in Chemical Research at Jamal Mohamed College, Trichy on 5<sup>th</sup> and 6<sup>th</sup> Oct-2010.
9. National level Seminar on Sustainable Technologies for Future – Vision ‘20’ at Oxford Engineering College, Trichy on 29-30 Dec 2009.
10. Workshop on Recent Trends in Physico-chemical Engineering Practices at Government College of Engineering, Salem on 14<sup>th</sup> and 15<sup>th</sup> March 2007.
11. Seminar on Emerging Trends in Chemistry at National College, Trichy on 24<sup>th</sup> Jan-2004.

**FDP Attended**

1. 3 day Faculty Development Programme has attended on “Effective Teaching – Learning Management and Student Personal Management” held at Annai Mathammal Sheela engineering college, Namakkal from 07-12-2005 to 09-12-2005.

**Machine Handling:**

**GLC – Gas Liquid Chromatography.**

**Computer Knowledge:**

MS- Office. C, C ++

**Extra- Curricular Activities:**

Working as a Internal Exam cell Coordinator from June – 2015 to till date.

Worked as a **NSS Coordinator** at Annai Mathammal Sheela Engineering College, Erumapatti, during the period 2006-2007.

**Member, National Service Scheme**, Govt. Arts College, Karur during the period 1999-2001.

**Hobbies:**

Reading, Listening to Music, Traveling & Browsing.

**Languages Known:**

<b>Language</b>	<b>Read</b>	<b>Speak</b>	<b>Write</b>
<b>English</b>	Yes	Yes	Yes
<b>Tamil</b>	Yes	Yes	Yes

**Personal Details:**

Name : S. Rathakrishnan  
Sex : Male  
DOB & Age : 27.04.1981 & 38 Years  
Father's Name : R. Samiyappan  
Marital Status : Married  
Nationality : Indian  
Religion : Hindu  
Community : BC (Sozhia Vellalar)

**DECLARATION:**

I hereby declare that the furnished details are true to the best of my knowledge.

**Signature**  
**(RATHA KRISHNAN. S)**

Place : Chennai.

Date :