



**Dr. R. SATHISH KUMAR M.Sc., B.Ed., M.Phil., Ph.D., SET.**

**ASSISSTANT PROFESSOR OF BOTANY**

### Contact

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### Teaching Experience: 5 Years

Area of Specialization : Plant Physiology, Biochemistry, Pharmacology & Pharmacognosy

### Research Experience: 4 Years

### Additional Responsibilities

1. Department Test Incharge – 2017 to Till Date
2. Moral Education Instructor – 2018 to 2021
3. IQAC- Micro Cell Member – 2020 to Till Date
4. ARIIA-Team Member-2020 to Till Date
5. Department Library Incharge – 2020 to Till Date
6. Medicinal Garden Member Incharge-2018 to Till Date

## Membership in Academic Bodies:

### 1. Life member

The Indian Botanical Society

## Academic Credentials

Degree	Name of The Institution	Year of Passing	Percentage With Grade
Ph.D	AVVM Sri Pushpam College (Autonomous), Poondi, Thanjavur.	2020	Commended
SET (Life Science)	State Eligibility Test for Assistant Professor	2016	Passed
M.Phil (Botany)	Jamal Mohammed College (Autonomous), Trichy-20	2011	78% First Class with Distiction 'D' Grade
M. Sc (Botany)	Jamal Mohammed College (Autonomous), Trichy-20	2009	80% First Class with Distiction 'D+' Grade
B. Ed (Life science)	Institute Of Advanced Study in Education (Govt. Teacher College) Saidapet, Chennai.	2007	72.20% First Class
B. Sc (Botany)	AVVM Sri Pushpam College (Autonomous), Poondi, Thanjavur.	2006	77% First Class

## Teaching Experience: 5 Years

Designation	Institution	Period	Self-Finance / Govt.Aided
Assistant Professor	Jamal Mohammed College (Autonomous), Trichy-20	01.07.2017 To 28.01.2020	Self-Finance
Assistant Professor	Jamal Mohammed College (Autonomous), Trichy-20	29.01.2020 to Till Date	Govt.Aided

## Research Projects Received

S. No	Title of the Project	Name of the Funding Agency	Duration	Remarks
1	Use of medicinal plant in novel approaches for control of gastrointestinal flukes in livestock with emphasis on small ruminants	Seed Money Project: Jamal Innovation and Incubation Centre (JIIC) JAMAL MOHAMED COLLEGE (Autonomous)	2020-2021	Completed

## Paper Publication

1. **Sathish Kumar R**, Anburaj G, Vasantha S. Phytochemical Investigation of Ethanol, Methanol, Hydro-Alcoholic and Aqueous Flower Extracts of *Cassia* Species Asian Journal of Innovative Research 1(3) 32-35 (2016).
2. **Sathish Kumar R**, Anburaj G, Manikandan R. A Review on cancer and antidiabetic Medicinal plants and Herbal formulations at Thanjavur district. International Recent Research Journal on science and Technology.10(2), 15-18 (2016).
3. **Sathish Kumar R**, Anburaj G, Subramanian A, Vasantha S, Pannerselvam A. In Vitro antioxidant potential of leaf extracts of *Capparis zeylanica* Linn. The Pharma Innovation Journal.8(4):176-181(2019).
4. **Sathish Kumar R**, Anburaj G, Subramanian A, Vasantha S, Pannerselvam A. Preliminary phytochemical investigation, antimicrobial activity and GCMS analysis of leaf extract of *Capparis zeylanica* Linn. Journal of Pharmacognosy and Phytochemistry. 8(1):1399-1405 (2019).

## WORKSHOPS/ TRAINING PROGRAMS/ CONFERENCES

- Participated in the International Conference on Chemical & Environmental Research (ICCER- 2015) at Jamal Mohamed College, Trichy on 17.12.2015.
- Participated in the International Seminar on Chemical Biology, Organized by CRD, PRIST University, Thanjavur on 29.12.2016.
- Participated in the Science Academies' Lecture workshop on "Perspectives in Biological Research" organized by Department of Botany, AVC College, Mayiladuthurai on 23.01.2017 to 24.01.2017.
- Participated in the lecture workshop on "Biodiversity and Bioresources: Conservation and utilization, organized by PG and research department of Botany, Karur held on 08.02.2017 to 10.02.2017.
- Participated international conference on "Microbiome and Health, Disease and Environment" held during 03.03.2017 to 04.03.2017.
- Participated in the three-day NLP-Based Faculty Empowerment programme" Organized by IQAC, Jamal Mohamed College (Autonomous), Tiruchirappalli on 17.06.2017 to 20.06.2017.

- Participated in the seminar on “Intellectual property rights and patenting in Life science: Problems and Prospects”. Organized by PG and research department of Botany, Jamal Mohamed College (Autonomous), Tiruchirappalli on 01.03.2018.
- Participated in the national conference on Recent advances in plants science: Towards food safety and food security” held on 15.03.2018 at the department botany, Bharathidasan University, Tiruchirappalli.
- Participated in the lecture workshop on Plant Tissue Culture and Phytochemistry” held at Bharathidasan University, Tiruchirappalli on 21.03.2018.
- Participated in the One-day workshop on Improving Teaching Practices-A Strategic Approach Organized by IQAC, Jamal Mohamed College (Autonomous), Tiruchirappalli on 23.06.2018.
- Participated in the UGC CPE Sponsored Two-day workshop on professional Development for academic leadership in curriculum design organized by Curriculum Development cell, Jamal Mohamed College (Autonomous), Tiruchirappalli on 18.01.2019 to 19.01.2019.
- Participated in the One-day state level seminar on “Perspectives in plant systematics and conservation Biology” Organized by PG and research department of Botany, Jamal Mohamed College (Autonomous), Tiruchirappalli on 22.02.2019.
- Participated in the orientation Programmes on MOOCS and e-Learning organized by Department of Library science in association with the Internal Quality Assurance Cell of Jamal Mohamed College (Autonomous) on 29.01.2020.
- Served as a jury in the event science exhibition in the National science day Organized by Jamal Mohamed College (Autonomous), Tiruchirappalli held on 28.02.2020.
- Participated in the workshop on Quality enhancement of effect on research: new paradigm in Trans-Trans-disciplinary approaches and IPR, organized by organized by the Internal Quality Assurance Cell and Jamal Incubation Centre of Jamal Mohamed College (Autonomous), Tiruchirappalli on 06.09.2019.
- Participated in the special lecture on “Intellectual property rights and prior rights for research development” Organized by IPR Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli on 05.02.2020.
- Participated in an online faculty Development programme in the Data science using R and Geo Gebra Organized by PG and research department of Mathematics, Jamal Mohamed College (Autonomous), Tiruchirappalli on 11.05.2020 to 14.05.2020.
- Participated in the online National-level conference on crisis management organized by the Department of Management Studies (BBA) on 23.05.2020.
- Participated in the National Level Webinar on “Reflections and Suggestions on using Technology in Indian Schools and Universities”, organized by School of Education, VELS Institute of Science, Technology and Advanced Studies (VISTAS), Chennai on 20.05.2020.
- Participated in the One-day e-Conference on “COVID-19: Views and Challenges of Global Disease” Organized by Research Department of Zoology, Govt.Arts College for Men. Krishnagiri on 22.05.2020.

- Participated in the Faculty Enrichment Programme “Ownership culture” organized by the Internal Quality Assurance Cell of Jamal Mohamed College from 14.06.2020.
- Participated in the International symposium on Current trends Research and Innovation (ISCTRI-20) Organized by Department of Data Science, CHRIST Deemed to be a University, Association with association of computing machinery, Indore chapter & computing society of India on 20.06.2020.
- Participated in the Faculty Development Programme on “E-Content Development” organized by the Internal Quality Assurance Cell of Jamal Mohamed College from 30.06.2020 to 04.07.2020.
- Participating in the International Webinar on "APPROACHES ON ONLINE TEACHING AND ITS ASSESSMENT METHODS" organized by the Department of Commerce (Shift II) in association with IQAC, Patrician College of Arts and Science, Chennai, Tamil Nadu, India on 04.07.2020.
- Participated in International Webinar Series on 'Recent Advances in Life Sciences' Organized by the Department of Zoology, Sri Meenakshi Government Arts College for Women (Autonomous), Madurai, Tamilnadu, India-625002 on 08.07.2020 To 10.07.2020
- Participated in the Faculty Empowerment Programme “Art of writing in indexed journal Publications” organized by Department of Library science in association with the Internal Quality Assurance Cell of Jamal Mohamed College from 28.07.2020.
- Participated in the International Webinar on "Intellectual Property Rights Protection, Ownership, and Innovation" hosted by Research cell, Dayananda Sagar College of Arts, Science and Commerce, Bangalore on 07.09.2020.
- Participated in national Webinar on Role of Botanical survey of India in Plant Conservation.
- Participated in One Day National Level Webinar on “COVID-19 - WHAT DO WE KNOW TILL NOW” on 19.11.2020 with certificate Id:3FUEM0-CE000115.
- Participated in national Webinar on Shola Forest: A Paradise of Biodiversity organized by Department of Botany, Bishop Heber College (Autonomous), Tiruchirappalli-17 on 17.06.2020 to 30.06.2020.
- Participated in three Day National Level workshop on DNA Barcoding, organized by Department of Biotechnology, Islamiah College (Autonomous), Vaniyambadi on 22.05.2020 to 24.05.2020.
- Participated in the National seminar on “Frontiers in Biological innovations for Resource Management, Patents and Entrepreneur Development.”. Organized by PG and research department of Botany, Jamal Mohamed College (Autonomous), Tiruchirappalli on 10.03.2020 to 11.03.2020.
- participated in the Webinar entitled “Research to Publication –An Expert View” on 09.05.2020, Organized by Centre for Molecular and Nanomedical Sciences, Sathyabama Institute of Science and Technology, Chennai.
- Participated in the Webinar on ‘Safeguarding Savings in Pandemic Times’ by CA Pattabhi Ram, Author and Public Speaker, on 13.05.2020, Organized by the Post Graduate Department of Commerce – Shift II, in association with Prime Academy.

- Participated in the one-day IQAC webinar “Assessment & Accreditation as a Measure of Internal Quality in HEI’s” organized by Loganatha Narayanasamy Government College (autonomous), Ponneri 601 204, Tiruvallur dt, Tamil nadu.
- participated in the webinar on Role of Entrepreneurs and Startups post COVID-19 organized by the School of Management, Gautam Buddha University, Greater Noida on 27.05.2020.
- Participated in the webinar on Survival games played by Bacteria organized by school of chemical & Biotechnology, SASTRA Deemed to be University on 14.05.2020.
- Participated in 2nd International Conference on Emerging Trends in Life Sciences (ICETLS – 2021) Virtual Mode organized by the Department of Botany, Telangana University, Dichpally, Nizamabad held on 28.01.2021 to 29.01.2021.
- Participated in One Day Online National Workshop on "Good Laboratory Practices and Maintenance of Museum Specimens" organized by Department of Zoology of PSGVP Mandal's SIP Arts, GBP Science and STKVS Commerce College, Shahada, Dist. Nandurbar (M.S.), sponsored by Department of Biotechnology (DBT) Star College Scheme, Government of India, on 30.05.2021.
- Participated in the Faculty Empowerment organized by the Internal Quality Assurance Cell of Jamal Mohamed College from 21.06.2021 to 25.06.2021.
- Participated in One Day Online National Workshop on "Good Laboratory Practices and Maintenance of Museum Specimens" organized by Department of Zoology of PSGVP Mandal's SIP Arts, GBP Science and STKVS Commerce College, Shahada, Dist. Nandurbar (M.S.), sponsored by Department of Biotechnology (DBT) Star College Scheme, Government of India, on 30.07.2021.
- Participated in the UGC-Sponsored webinar on CLIMATE CHANGE Organized by University Grant Commission human resource development center Bharathidasan University, Tiruchirappalli on 11.08.2021.
- Participated in the webinar titled " Intellectual Property Rights " held on 22/02020 organized by Research and Development Cell and IPR Cell with Chennai Softech - Technical Partner.
- Participated in the webinar on Patent filing process and Challenges organized by Jamal Mohamed College (Autonomous), Tiruchirappalli on 30.09.2021.

### **Paper Presentation**

- Presented a paper entitled Phytochemical investigation and antimicrobial activity of *Capparis zeylanica* fruit in the International seminar on “Emerging Trends in Biological Research (ETBR 2018) Organized by PG and research department of Biotechnology & Microbiology, Jamal Mohamed College on 03.03.2018.

### **Webinar/Seminar/Conference Organized**

- Served as organizing committee member in Faculty development Programme: "Biological innovations for resource Management and Sustainable Development" organized by PG and research department of botany Jamal Mohamed College on 24.08.2021 to 26.08.2021.

### **Resource persons in various capacities**

- Acted as a resource and gave an oration in the Five days' national level virtual workshop on CSIR-NET/SET LIFE SCIENCE Organized by PG and research department of Microbiology and Zoology (SF), Kamaraj College. Thoothukudi, 20.09.2021 to 24.09.2021.

### **Orientation /Refresher Course**

- Successfully completed a 4-Week Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" Teaching learning center Ramanujam college, New Delhi on June 04.06.2020 TO 01.07.2020.