

# CURRICULUM VITAE



**Name** : M.MOHAMED MAHROOP RAJA

**Designation** : ASSISTANT PROFESSOR

**College Address** : PG & Research Department of Microbiology,  
Jamal Mohamed College (Autonomous),  
Tiruchirappalli -620 020  
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**Date of Birth** : 10.06.1980

**Nationality** : Indian

**Marital Status** : Married

**Qualification** : M.Sc., M.Phil., Ph.D.,

**Total Experience** : 15 years

**Area of Specialization** : Medical Microbiology & Microbial Pathogenesis

## EDUCATIONAL QUALIFICATION

Course	Institution / University	Month & Year of Completion	Percentage of Marks
Ph.D., Microbiology	Bharathiar University Coimbatore-641 046.	January 2018	<b>Highly Commanded</b>
M.Phil., Microbiology	Bharathidasan University Tiruchirappalli-620 020.	January 2006	71.6%
M.Sc., Microbiology	Jamal Mohamed College(Autonomous) Tiruchirappalli-620 020.	April 2002	68.2%

### **Ph.D. RESEARCH TITLE**

- ❖ Detection of Antimicrobial Metabolite from Actinomycetes and its Activity against Multi Drug Resistant Bacteria Isolated from Hospital Acquired Infection.

### **PROFESSIONAL EXPERIENCE**

- ❖ Fifteen years as Assistant Professor in the P.G. & Research Department of Microbiology at Jamal Mohamed College (Autonomous), Tiruchirappalli. (July 2005 to Till Date)

### **RESEARCH EXPERIENCE**

- ❖ Worked as Part time Research Scholar in the Department of Microbiology, Bharathiar University, Coimbatore, Tamil Nadu, India during 2012-2017.
- ❖ Acted as Research Supervisor for M.Sc. Microbiology Programme in the PG & Research Department of Microbiology, Jamal Mohamed College (Autonomous), Tiruchirappalli Tamil Nadu, India from 2006 to Till Date.

### **PROFESSIONAL RESPONSIBILITIES**

- ❖ Acted as External Examiner for M.Sc., Degree practical Examination appointed by Bharathidasan University, Tiruchirappalli, Tamil Nadu, India from November 2007 onwards.
- ❖ Appointed as Examiner for Question paper setting and paper Evaluation by Jamal Mohamed College (Autonomous) and in an around Bharathidasan University affiliated autonomous colleges Tiruchirappalli, Tamil Nadu, India for Microbiology Programme from 2010 onwards.

### **PROFESSIONAL DEVELOPMENT**

- ❖ Completed the Swayam Online Course on '**Food Microbiology and Food Safety**' with 85% of Consolidated Score offered by Central University of Haryana, Mahendergarh (Haryana).

### **PROFESSIONAL ACHIEVEMENTS**

#### **PAPER PRESENTED**

- ❖ Presented a paper in 5<sup>th</sup> Conference on '**Chemical and International Research**' held at PG & Research Department of Microbiology, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 08<sup>th</sup> January 2020.
- ❖ Presented a paper in International level seminar on '**Recent Trends in Biological Science**' held at Dhanalakshmi Srinivasan College of Arts & Science for women, Perambalur, Tamil Nadu, during 15<sup>th</sup> February 2019.

- ❖ Presented a paper in National level seminar on **‘Frontiers in Bio-Mimicry Medicines’** held at Srinivasan College of Arts & Science, Perambalur, Tamil Nadu, during 1<sup>st</sup> February 2019.
- ❖ Presented a paper in International level seminar on **‘Life Science Recent Trends and Applications’** held at Dhanalakshmi Srinivasan College of Arts & Science for women, Perambalur, Tamil Nadu, during 9<sup>th</sup> February 2018.
- ❖ Presented a paper in International level seminar on **‘Microbial Process and Products’** held at Sengamala Thayaar Educational Trust Women’s College, Mannarkudi, Tamil Nadu, during 12<sup>th</sup> September 2017.
- ❖ Presented a paper in National level seminar on **‘Recent Trends and Future Advances in Life Science’** held at Central University, Thiruvarur, Tamil Nadu, during 26<sup>th</sup> & 27<sup>th</sup> February 2015.
- ❖ Presented a paper in National level seminar on **‘Recent advances in Plant Science’** held at Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, during 13<sup>th</sup> March 2014.
- ❖ Presented a paper in National level symposium on **‘Novel approaches in Biological Science’** held at Dhanalakshmi Srinivasan College of Arts & Science for women, Perambalur, Tamil Nadu, during 28<sup>th</sup> February 2014.
- ❖ Presented a paper in ICMR Sponsored National level forum on **‘Emerging Debates on Communicable Disease’** held at Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India 28<sup>th</sup> February 2011.
- ❖ Presented a paper in National conference on **‘Advances in Nanotechnology – Emphasis on Environmental Health and Therapeutics’** held at J.J. College of Arts and Science, Pudukkottai, Tamil Nadu, India during 6<sup>th</sup> & 7<sup>th</sup> August 2009.
- ❖ Presented a paper in National Level Seminar on **Advances in Microbiology** held at Kurinji College of Arts & Science, Tiruchirappalli, Tamil Nadu, India during 5<sup>th</sup> October 2007.

#### **SEMINAR ORGANIZED**

- ❖ Organized International seminar on **‘Emerging Trends in Biological Research’** held at PG & Research Department of Microbiology, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 3<sup>rd</sup> March 2018.

#### **SEMINAR, WORKSHOP & WEBINAR PARTICIPATED**

- ❖ Participated five days international Faculty Development Program on **‘Research and Innovation’** held at the Department of Commerce (A&F), SRM Institute of Science and Technology, Chennai, Tamil Nadu, India during 5<sup>th</sup> to 9<sup>th</sup> July 2021.

- ❖ Participated International workshop on ‘**Scientific writing**’ organized under institute development plan of National Agricultural Higher Education Project (IDP-NAHEP) held at ICAR- National Dairy Research Institute, Karnal, Haryana, India during 23<sup>rd</sup> & 24<sup>th</sup> June 2021.
- ❖ Participated International Online Panel Discussion on ‘**Leading The Way Forward in Unprecedented Times: ‘With A Special Reference to the Global Market and Economy**’ held at Centre for Management Studies, Jain, Deemed to be University, Bengaluru, India during 6<sup>th</sup> July 2020.
- ❖ Participated National Webinar on ‘**Ailment Therapy: Medicinal & Traditional**’ held at the Department of Chemistry, Dr. Zakir Husain College, Ilayankudi, Tamil Nadu, India during 5<sup>th</sup> July 2020.
- ❖ Participated National Webinar on ‘**Introduction to Big Data and its Ecosystem**’ held at the Department of Computer Science, Government College of Arts & Science, Gudalur, Tamil Nadu, India during 5<sup>th</sup> July 2020.
- ❖ Participated International Webinar on ‘**Covid-19: A Mysterious Infection-Limited Evidence, Unanswerable Questions**’ held at the Department of Chemistry, Hajee Karutha Rowther Howdia College, Uthamapalayam, Theni District, Tamil Nadu, India during 4<sup>th</sup> July 2020.
- ❖ Participated National Webinar on ‘**Development of Selected Multi-Valent Metal Ions Functionalized Mesoporous Materials and their Applications**’ held at the Department of Science & Humanities, Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Chennai, Tamil Nadu, India during 02<sup>nd</sup> July 2020.
- ❖ Participated Faculty Development Programme on ‘**E-Content Development**’ held at Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 30<sup>th</sup> June - 4<sup>th</sup> July 2020.
- ❖ Participated e-Workshop on ‘**Materials processing and Technology**’ held at the Department of Physics and Chemistry, Mahatma Gandhi Institute of Technology, Hyderabad, India during 27<sup>th</sup> June 2020.
- ❖ Participated National Webinar on ‘**Medicinal Plants for Immunity, Strength and Vitality**’ held at the Department of Chemistry, Kings Engineering College, Chennai, Tamil Nadu, India during 25<sup>th</sup> June 2020.
- ❖ Participated International Webinar Series on ‘**Emerging Trends in Energy & Healthcare**’ held at the Department of Chemistry, Annai Hajira Women’s College, Tirunelveli, Tamil Nadu, India during 25<sup>th</sup> & 27<sup>th</sup> June 2020.

- ❖ Participated National Webinar on **‘Intellectual Property Rights and Patents’** held at Internal Quality Assurance Cell, Government College for Men, Kurnool, Andra Pradesh, India during 24<sup>th</sup> June 2020.
- ❖ Participated National Webinar on **‘Lifestyle Changes & their Impact on Insulin Resistance’** held at the Department of Zoology, V.O. Chidambaram College, Toothukudi, Tamil Nadu, India during 21<sup>st</sup> June 2020.
- ❖ Participated International Webinar on **‘Covid-19: The Race To Find A Cure’** held at the Department of Chemistry, KPR Institute of Engineering and Technology, Coimbatore, Tamil Nadu, India during 19<sup>th</sup> June 2020.
- ❖ Participated International Webinar on **‘Art of Research Article Writing and Recent Advances in Wound Dressing Biomaterials for Diabetic Wound Care and Management’** held at the PG & Research Department of Biochemistry, Sri Akilandeswari Women’s College, Wandiwash, Tamil Nadu, India during 17<sup>th</sup> June 2020.
- ❖ Participated National Virtual Symposium on **‘Multifunctional Materials’** held at the Department of Physics, SRM Institute of Science and Technology, Chennai, Tamil Nadu, India during 17<sup>th</sup> June 2020.
- ❖ Participated National webinar on **‘Combat Corona-The New World Order’** held at the Department of Chemistry and Biochemistry, Joyti Nivas College (Autonomous), Bengaluru, India during 16<sup>th</sup> June 2020.
- ❖ Participated one day Webinar on **‘Research Fundamentals & Intellectual Property Rights’** held at Centre for Research, Sadakathullah Appa College (Autonomous), Tirunelveli, Tamil Nadu, India during 16<sup>th</sup> June 2020.
- ❖ Participated National Webinar on **‘Role of Nanomaterials in Electrochemicals Devices and Photocatalysis’** held at the Department of Chemistry, Dr. M.G.R. Educational and Research Institute, Chennai, Tamil Nadu, India during 15<sup>th</sup> June 2020.
- ❖ Participated National Webinar on **‘Research, Innovation and Extension’** held at the Internal Quality Assurance Cell, Khadir Mohideen College, Adirampattinam, Thanjavur District, Tamil Nadu, India during 15<sup>th</sup> June 2020.
- ❖ Participated National Webinar on **‘Covid-19: Yesterday, Today and Tomorrow’** held at the Department of Science and Humanities, R.M.K. Engineering College, Tiruvullur District, Tamil Nadu, India during 14<sup>th</sup> June 2020.
- ❖ Participated National Webinar Series on **‘Research Methodology’** held at Loyola College (Autonomous), Chennai, Tamil Nadu, India during 12<sup>th</sup> & 13<sup>th</sup> June 2020.

- ❖ Participated International Webinar on ‘**From Minerals to Futuristic Functional Materials**’ held at the Department of Chemistry, St. Joseph College (Autonomous), Bengaluru, India during 10<sup>th</sup> June 2020.
- ❖ Participated one day Faculty Development Webinar on ‘**Drug Design and Development**’ held at the Department of Chemistry, Sapthagiri College of Engineering, Bangalore, India during 10<sup>th</sup> June 2020.
- ❖ Participated National Webinar on ‘**Current & Sustainable Trends in Food Biotechnology**’ held at the Department of Biotechnology, St. Peter’s College of Engineering and Technology, Chennai, Tamil Nadu, India during 9<sup>th</sup> June 2020.
- ❖ Participated Five days International Webinar series on ‘**Nec Seh Webtalks**’ held at the Department of Science and Humanities, National Engineering College, Kovilpatti, Tamil Nadu, India during 8<sup>th</sup> June – 12<sup>th</sup> June 2020.
- ❖ Participated one week online International Faculty development Programme on ‘**The Role of Edutech in Classroom Teaching and Learning**’ held at Annamalai University, Chidambaram, Tamil Nadu, India during 5<sup>th</sup> – 11<sup>th</sup> June 2020.
- ❖ Participated International Virtual Conference on ‘**Covid-19:Recent Updates and Current Advances**’ held at the Department of Microbiology, The American College, Madurai, Tamil Nadu, India during 3<sup>rd</sup> & 4<sup>th</sup> June 2020.
- ❖ Participated National Webinar on ‘**Transforming Challenges in to Opportunities -An Overview of Corporate Secretaryship**’ held at Alpha Arts and Science College, Porur, Chennai, Tamil Nadu, India during 3<sup>rd</sup> June 2020.
- ❖ Participated International webinar on ‘**Advanced Materials**’ the Department of Physics, LRG Government Arts College, Tirupur, Tamil Nadu, India during 3<sup>rd</sup> June 2020.
- ❖ Participated International Webinar on ‘**Forensic Science for Society**’ held at the Department of Forensic Science, G.T.N. Arts College (Autonomous), Dindigul, Tamil Nadu, India during 2<sup>nd</sup> June 2020.
- ❖ Participated National Webinar on ‘**Trends in Plant Biology**’ held at the Department of Botany, The American College, Madurai, Tamil Nadu, India during 1<sup>st</sup> June 2020.
- ❖ Participated International Virtual Lecture Workshop on ‘**Bio-Nano Interface for Covid-19**’ held at the Department of Zoology and Microbiology, Thiagarajar College, Madurai, Tamil Nadu, India during 31<sup>st</sup> May 2020.
- ❖ Participated National Webinar on ‘**Leadership Talk**’ organized by MHRD’s Innovation Cell, Government of India during 30<sup>th</sup> May 2020.

- ❖ Participated National Webinar on ‘**Magnetic Nanocarriers for Enhanced Enzyme Activity**’ held at the Department of Biotechnology, Prathyusha Engineering College, Chennai, Tamil Nadu, India during 30<sup>th</sup> May 2020.
- ❖ Participated International Webinar on ‘**Nano- The Tiny Warriors- Engineering Nano medicine and Drug Delivery System**’ held at the Department of Chemistry, Kongu Engineering College (Autonomous), Perundurai, Erode, Tamil Nadu, India during 30<sup>th</sup> May 2020.
- ❖ Participated National Webinar on ‘**Essence of Physical Fitness during Lockdown**’ held at Department of Physical Education and Sports, Dr.M.G.R. Educational and Research Institute, Chennai, Tamil Nadu, India during 30<sup>th</sup> May 2020.
- ❖ Participated National Webinar on ‘**Metal Complexes to Metal Nanoparticles for Efficient Catalysis**’ held at School of Chemistry and Biotechnology, SASTRA Deemed University, Thanjavur, Tamil Nadu, India during 28<sup>th</sup> May 2020.
- ❖ Participated Two days online Faculty Development Programme on ‘**Web Application and Security**’ held at the Department of Information Technology, Jeppiaar Institute of Technology, Chennai, Tamil Nadu, India during 27<sup>th</sup> & 28<sup>th</sup> May 2020.
- ❖ Participated International Webinar on ‘**Application of Statistics in Research**’ held at the Research Department of Microbiology, Sadakathullah Appa College (Autonomous), Tirunelveli, Tamil Nadu, India during 27<sup>th</sup> May 2020.
- ❖ Participated National webinar on ‘**Investigations of Nano-Crystals**’ held at Department of Chemistry & Research and Development Cell, Mass College of Arts & Science, Kumbakonam, Tamil Nadu, India during 25<sup>th</sup> May 2020.
- ❖ Participated National Webinar on ‘**Marine Biodiversity and Conservation**’ held at Annamalai University, Parangipettai, Tamil Nadu, India during 22<sup>nd</sup> & 23<sup>rd</sup> May 2020.
- ❖ Participated National Webinar on ‘**Human Origin, Health and Disease**’ held at Centre for Advanced Studies in Botany, University of Madras, Chennai, Tamil Nadu, India during 23<sup>rd</sup> May 2020.
- ❖ Participated International Webinar on ‘**Biodiversity**’ held at PG & Research Department of Zoology, The American College, Madurai, Tamil Nadu, India during 22<sup>nd</sup> May 2020.
- ❖ Participated One day International Webinar on ‘**Bioinformatics in Microbiome Research and Climate, Biomes and India**’ held at PG. Department of Chemistry, St. Mary’s College (Autonomous), Toothukudi, Tamil Nadu, India during 17<sup>th</sup> May 2020.

- ❖ Participated International Webinar on ‘**Covid-19 Vaccine Development**’ held at Department of Microbiology, Ayya Nadar Janaki Ammal College, Sivakasi, Tamil Nadu, India during 15<sup>th</sup> May 2020.
- ❖ Participated National Webinar on ‘**Boosting Immunity with Ayurveda**’ held at IQAC & Department of Biotechnology, Thakur College of Science and Commerce, Mumbai, India during 12<sup>th</sup> May 2020.
- ❖ Participated ‘Faculty development Programme and Webinar on ‘**Trends and Opportunities in Life Science Sector**’ held at Department of Microbiology, Cauvery College For Women (Autonomous), Tiruchirappalli, Tamil Nadu, India during 3<sup>rd</sup> May 2020.
- ❖ Participated National workshop on ‘**Conservation of Indigenous Knowledge in Current Medicine System**’ held at Kongu College of Arts & Science, Karur, Tamil Nadu, India during 22<sup>nd</sup> February 2020.
- ❖ Participated National workshop on ‘**Bioinformatics: Future role of Computing in Biology**’ held at Srinivasan College of Arts & Science, Perambalur, Tamil Nadu, during 13<sup>th</sup> February 2020.
- ❖ Participated India’s 1<sup>st</sup> International workshop on ‘**Artificial Intelligence in Bioinformatics & Drug Discovery**’ held at Mohamed Sathak College of Arts and Science, Chennai-600 019, Tamil Nadu, India during 14<sup>th</sup> August 2019.
- ❖ Participated National level seminar on ‘**Science and Society- Challenges in Biotechnology**’ held at Department of Botany, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India during 27<sup>th</sup> February 2019.
- ❖ Participated UGC-CPE sponsored two days workshop on ‘**Professional Developments for Academic Leaderships in Curriculum Design**’ held at Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 18<sup>th</sup> & 19<sup>th</sup> January 2019.
- ❖ Participated one day seminar on ‘**Intellectual Property Rights and Patenting in Life Science**’ held at PG & Research Department of Botany, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 1<sup>st</sup> March 2018.
- ❖ Participated one day workshop on ‘**Writing Winnable Project Proposals**’ held at Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 23<sup>rd</sup> June 2018.
- ❖ Participated three days workshop on ‘**NLP- Based Faculty Empowerment Programme**’ held at Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 17<sup>th</sup> -20<sup>th</sup> June 2017.



- ❖ Participated two days a state level workshop on ‘**Organic Farming Production**’ held at PG & Research Department of Microbiology, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 27<sup>th</sup> & 28<sup>th</sup> January 2017.
- ❖ Participated National level seminar on ‘**Frontiers in Biosciences**’ held at PG & Research Department of Microbiology & Biotechnology, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 5<sup>th</sup> March 2016.
- ❖ Participated National level seminar on ‘**Recent Trends in Life Sciences**’ held at PG & Research Department of Microbiology & Biotechnology, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 25<sup>th</sup> February 2015.
- ❖ Participated three days Science Academics Lecture workshop on ‘**Recent trends in Biology and Biotechnology**’ held at Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu during 29<sup>th</sup>- 31<sup>st</sup> January 2014.
- ❖ Participated Hands on Training Programme on **PCR Application and GEL Documentation** held at Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 25<sup>th</sup> January 2011.
- ❖ Participated Seminar on “**Creating Competitiveness to Excel in Higher Education- a TQM approach**” held at Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 8<sup>th</sup> December 2010.
- ❖ Participated two days Hands on Training Programme on **PCR, 2D PAGE, GEL Documentation and Nikon Photomicroscopy** held at Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 24<sup>th</sup> & 25<sup>th</sup> September 2009.
- ❖ Participated State level Seminar on **Progression in Biosciences** held at Dhanalakshmi Srinivasan College of Arts & Science, Perambalur, Tamil Nadu, India during 9<sup>th</sup> September 2009.
- ❖ Participated two days National Level Workshop on **DNA Fingerprinting, Southern Blotting and PCR** held at Jamal Mohamed College, Tiruchirappalli, Tamil Nadu, India during 25 & 26<sup>th</sup> March 2008.
- ❖ Participated State Level Workshop on **Mycorrhizae Technology** held at A.V.V.M. Sri Pushpam College, Poondi, Thanjavur District, Tamil Nadu, India during 7<sup>th</sup> March 2007.
- ❖ Participated Regional level Seminar on **Recent Trend in Biotechnology and its role in utilization of Biodiversity** held at Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 5 & 6<sup>th</sup> March 2007.

- ❖ Participated three days workshop on **Curriculum Development and Evaluation** held at Bharathidasan University and Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 2 – 4<sup>th</sup> March 2006.

## ACADEMIC ACHIEVEMENTS

### Paper Publications

**International: 10 & National: 10**

- ❖ **M. MOHAMED MAHROOP RAJA and N. Reehana.** Analysis of Multiple Antibiotics Resistant and Molecular Epidemiology of *Escherichia coli* and *Pseudomonas aeruginosa*. *International Journal of Pharmaceutical Science and Research*, 11(8):3763-3771, 2020.
- ❖ G. Hema Sindhuja, S.R.Bheeter and **M. MOHAMED MAHROOP RAJA.** Synthesis, Spectral Characterization and Biological Screening of Some Benzaldehyde Derived Mannich Bases. *International Journal of Pharmacy and Biological Science*, 9sp(2):51-54, 2019
- ❖ **M. MOHAMED MAHROOP RAJA, A. Raja and N. Reehana.** Biochemical Screening of Marine *Micromonospora Marina* KPMS1 (MH036351) and its Antibacterial Activity Against Multidrug Resistant Bacteria. *Asian Journal of Pharmaceutical and Clinical Research*, 12(2):405-410, 2019.
- ❖ **M. MOHAMED MAHROOP RAJA** and S. Ahmed John. Biosynthesis of Silver Nanoparticles by Marine *Micromonospora* species (KU 867645) with Antibacterial Activity against Multidrug Resistant Hospital Acquired Uropathogens. *Indian Journal of Pharmaceutical Science*, 79(3):369-376, 2017.
- ❖ **M. MOHAMED MAHROOP RAJA** and S. Ahmed John. Antibacterial Potential of Silver Nanoparticle Synthesized by Marine Actinomycetes in Reference with Standard Antibiotics against Hospital Acquired Infectious Pathogens. *African Journal of Biotechnology*, 15(38):2115-2123, 2016.
- ❖ **M. MOHAMED MAHROOP RAJA, A. Raja, S. Mohamed Salique and P. Gajalakshmi.** Studies on Effect of Marine Actinomycetes on Amido black (Azo dye) Decolorization. *Journal of Chemical and Pharmaceutical Research*, 8(8):640-644, 2016.
- ❖ **M. MOHAMED MAHROOP RAJA, A. Raja, S. Mohamed Salique and P. Gajalakshmi.** Comparative Studies on Effect of Carbon and Nitrogen Sources on L-asparaginase Production. *International Journal of Applied Sciences and Biotechnology*, 4(4):452-457, 2016.
- ❖ **M. MOHAMED MAHROOP RAJA** and S. Ahmed John. Multidrug Resistance Profile of Urinary tract Infected Gram Positive Pathogenic Bacterial Isolates. *International Journal of Infection*, 2(1):1-5, 2015.

- ❖ **M. MOHAMED MAHROOP RAJA** and S. Ahmed John. “Perseverance of Marine Actinomycetes Isolated from Gulf Mannar East Coastal Region and its Antimicrobial activity”. *World Journal of Pharmaceutical Research*, 3(9):912-922, 2014.
- ❖ **M. MOHAMED MAHROOP RAJA** and S. Ahmed John. “Study of Multidrug Resistance and Extended Spectrum Beta Lactamases Producing *Klebsiella pneumoniae* Isolated from Hospitalized Patients”. *International Journal of Current Microbiology and Applied Science*,3(1):30-37,2014.
- ❖ **M. MOHAMED MAHROOP RAJA** and S. Ahmed John. “Evaluation of Extended Spectrum of Beta Lactamases Producing *Escherichia coli* Isolated from Hospitalized Patients”. *International Journal of Advanced Research*, 1(7):309-315, 2013.
- ❖ **M. MOHAMED MAHROOP RAJA**, A. Raja, S. Mohamed Hajee and A. Sheik Mohamed. “Screening of Bacterial Compost from Spoiled Vegetables and Fruits and their Physiochemical Characterization”. *International Food Research Journal*, 19(3): 1193-1198, 2012.
- ❖ **M. MOHAMED MAHROOP RAJA**, A. Raja, K. Sivasankari and J.Malini. “Production and Characterization of Protease Enzyme Isolated from *Penicillium* sp by Solid State Fermentation”. *World Journal of Science and Technology*, 1(9):43-47, 2011.
- ❖ **M. MOHAMED MAHROOP RAJA**, A. Raja, M. Mohamed Imran, A.M.I. Santha and K.Devasena. “Enzymes Application in Diagnostic Prospects”. *Biotechnology*, 10(1):51-59, 2011.
- ❖ **M. MOHAMED MAHROOP RAJA**, A. Raja, M. Mohamed Imran and E.Vani Ugin. “Anti Mycobacterial activity of Actinomycetes Producing Mycothiol”. *Singapore Journal of Scientific Research*, 1(2):144-148, 2011.
- ❖ **M. MOHAMED MAHROOP RAJA**, A. Raja, M. Mohamed Imran and A. Habeeb Rahman. “Quality Aspects of Cauliflower during Storage”. *International Food Research Journal*, 18: 427-432, 2011.
- ❖ P. Gajalakshmi, A. Raja, **M.MOHAMED MAHROOP RAJA**, and A. Habeeb Rahman. “Application of Kefir against Diarrheic Pathogens”. *Ind.J.Nutr.Dietet.*, 47:463-465,2010.
- ❖ **M. MOHAMED MAHROOP RAJA**, A. Raja, M. Mohamed Imran, P. Gajalakshmi, S. Vignesh and J. Sivakumar. “Application of Synergetic Microorganisms to Remove Ammonia-Nitrogen and Chemical Oxygen Demand from the Effluent”. *Journal of Pure And Applied Microbiology*, 4(2):659-666, 2010.

- ❖ Raja, P.Gajalakshmi and **M.MOHAMED MAHROOP RAJA**. “Drugs from the Natural Bio Sources for Human disease”. *International Journal of Pharmacology*, 6(4):511-514, 2010.
- ❖ A.Raja, P.Gajalakshmi and **M.MOHAMED MAHROOP RAJA** and M.Mohamed Imran. “Effect of *Lactobacillus lactis cremoris* Isolated from Kefir against Food Spoilage Bacteria”. *American Journal of Food Technology*, 4 (5): 201-209, 2009.
- ❖ **M. MOHAMED MAHROOP RAJA**, A. Raja and M. Mohamed Imran. “*Lactobacillus* as a Probiotic Feed for Chickens”. *International Journal of Poultry Science*, 8 (8): 763-767, 2009.

### GOOGLE SCHOLAR PROFILE

- ❖ Citations : 241
- ❖ h-index : 7
- ❖ i10-index : 7

### GNE BANK SUBMISSION

S.No	Accession Number	Culture Details	Sequencing Details
1	MG905776	<i>Klebsiella pneumoniae</i> HAUTI7	16S rRNA Partial
2	MG890199	<i>Escherichia coli</i> HAUTI8	16S rRNA Partial
3	MG371997	<i>Pseudomonas aeruginosa</i> HAUTI18	16S rRNA Partial
4	MG263510	<i>Staphylococcus aureus</i> HAUTI22	16S rRNA Partial
5	MG002172	<i>Proteus vulgaris</i> HAUTI4	16S rRNA Partial
6	MG002173	<i>Enterococcus faecium</i> HAUTI9	16S rRNA Partial
7	MH175491	<i>Lactobacillus fermentum</i> MRPS	16S rRNA Partial
8	KU867645	<i>Micromonospora</i> sp. KPMS10	16S rRNA Partial
9	KU320674	<i>Streptomyces avermitilis</i> KPMS5	16S rRNA Partial
10	MH036351	<i>Micromonospora marina</i> KPMS1	16S rRNA Partial
11	MH046064	<i>Micromonospora coxensis</i> KPMS9	16S rRNA Partial
12	MH119102	<i>Micromonospora aurantiaca</i> KPMS13	16S rRNA Partial
13	MH119134	<i>Micromonospora chalcea</i> KPMS17	16S rRNA Partial
14	MH127852	<i>Micromonospora sediminicola</i> KPMS19	16S rRNA Partial
15	MH819507	<i>Streptomyces antibioticus</i> KPMS7	16S rRNA Partial

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