

CURRICULUM VITAE



Name : **Dr. M. MOHAMED MAHROOP RAJA**

Designation : **ASSISTANT PROFESSOR & HEAD**

College Address : PG & Research Department of Microbiology,
Jamal Mohamed College (Autonomous),
Tiruchirappalli -620 020
Tamil Nadu, India

Residential Address : 655 - 5 / 618, Nakkeerar Street,
Sathasiva Nagar,
Madurai – 625 020,
Tamil Nadu, India.
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E-mail: mahroop2019@gmail.com

Date of Birth : 10.06.1980

Nationality : Indian

Marital Status : Married

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

Total Experience : 18 years

Area of Specialization : Medical Microbiology

Citations Index : 236

h-index : 8

i10-index : 7

EDUCATIONAL QUALIFICATION

Course	Institution / University	Month & Year of Completion	Percentage of Marks
Ph.D., Microbiology	Bharathiar University Coimbatore-641 046.	January 2018	Highly Commanded
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

- ❖ Seventeen 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 International conference on '**Converging Research Approaches in Life Science for Future Advancement**' held at PG & Research Department of Microbiology, Sengamala Thayaar Educational Trust Women's College (Autonomous), Mannargudi, Thiruvarur District, Tamil Nadu, India during 15th February 2023.
- ❖ Presented a paper in National conference on '**Post Covid-19 Complications-A Biotechnological Approach**' held at PG & Research Department of Biotechnology, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 07th & 08th September 2022.
- ❖ Presented a paper in International conference on '**Emerging Outlook and Recent Trends in Microbiology**' held at Department of Microbiology, Shrimati Indira Gandhi College, Tiruchirappalli, Tamil Nadu, India during 26th August 2022.
- ❖ Presented a paper in National level seminar on '**Innovative Research Approaches in Biological Sciences**' held at PG & Research Department of Botany, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 25th & 26th May 2022.
- ❖ Presented a paper in 5th Conference on '**Chemical and International Research**' held at PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 08th 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 15th 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 1st 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 9th 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 12th September 2017.
- ❖ Presented a paper in National level seminar on **‘Recent Trends and Future Advances in Life Science’** held at Central University, Thiruvavur, Tamil Nadu, during 26th & 27th 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 13th 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 28th 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 28th 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 6th & 7th 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 5th October 2007.

SEMINAR / CONFERENCE / WORKSHOP ORGANIZED

- ❖ Organized International Conference on **‘Future Challenges of Microbes in Environment’** held at PG & Research Department of Microbiology, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 23rd February 2023.
- ❖ Organized A state level workshop on **‘Production and Formulation of Bioinoculations’** held at PG & Research Department of Microbiology, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 31st March 2022.
- ❖ 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 3rd March 2018.

SEMINAR, WORKSHOP & WEBINAR PARTICIPATED

- ❖ Participated one week International Faculty Development Program on ‘**Research Methodology**’ held at the Amar Sewa Mandal’s Kamla Nehru Mahavidyalaya, Nagpur, India during 2nd to 7th May 2022.
- ❖ Participated one week Faculty Development Program on ‘**Recent Advances in Analytical Chemistry**’ held at the Department of Chemistry, Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore, India during 18th to 23rd April 2022.
- ❖ Participated Faculty Development Program on ‘**Digital Teaching and Learning**’ held at the Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 24th to 29th January 2022.
- ❖ Participated Faculty Development Program on ‘**Art of Writing in Indexed Journal Publications**’ held at the Department of Library in association with Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 28th July 2021.
- ❖ 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 5th to 9th 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 23rd & 24th 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, Bangaluru, India during 6th 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 5th 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 5th 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 4th 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 02nd 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 30th June - 4th 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 27th 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 25th 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 25th & 27th June 2020.
- ❖ Participated National Webinar on **‘Intellectual Property Rights and Patents’** held at Internal Quality Assurance Cell, Government College for Men, Kurnool, Andhra Pradesh, India during 24th 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 21st 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 19th 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 17th 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 17th 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 16th 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 16th 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 15th 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 15th 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 14th June 2020.
- ❖ Participated National Webinar Series on ‘**Research Methodology**’ held at Loyola College (Autonomous), Chennai, Tamil Nadu, India during 12th & 13th 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 10th 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 10th 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 9th 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 8th June – 12th 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 5th – 11th 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 3rd & 4th 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 3rd June 2020.
- ❖ Participated International webinar on **‘Advanced Materials’** the Department of Physics, LRG Government Arts College, Tirupur, Tamil Nadu, India during 3rd 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 2nd June 2020.
- ❖ Participated National Webinar on **‘Trends in Plant Biology’** held at the Department of Botany, The American College, Madurai, Tamil Nadu, India during 1st 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 31st May 2020.
- ❖ Participated National Webinar on **‘Leadership Talk’** organized by MHRD’s Innovation Cell, Government of India during 30th 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 30th 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 30th 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 30th 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 28th 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 27th & 28th 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 27th 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 25th May 2020.
- ❖ Participated National Webinar on ‘**Marine Biodiversity and Conservation**’ held at Annamalai University, Parangipettai, Tamil Nadu, India during 22nd & 23rd 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 23rd May 2020.
- ❖ Participated International Webinar on ‘**Biodiversity**’ held at PG & Research Department of Zoology, The American College, Madurai, Tamil Nadu, India during 22nd 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 17th 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 15th 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 12th 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 3rd 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 22nd February 2020.
- ❖ Participated National workshop on ‘**Bioinformatics: Future role of Computing in Biology**’ held at Srinivasan College of Arts & Science, Perambalur, Tamil Nadu, during 13th February 2020.

- ❖ Participated India's 1st 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 14th 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 27th February 2019.
- ❖ Participated UGC-CPE sponsored two days workshop on '**Professional Developments for Academic Leaderships in Curriculam Design**' held at Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 18th & 19th 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 1st March 2018.
- ❖ Participated one day workshop on '**Writing Winnable Project Proposals**' held at Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 23rd June 2018.
- ❖ Participated three days workshop on '**NLP- Based Faculty Empowerment Programme**' held at Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 17th -20th 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 27th & 28th 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 5th 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 25th 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 29th- 31st January 2014.
- ❖ Participated Hands on Training Programme on **PCR Application and GEL Documentation** held at Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamil Nadu, India during 25th 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 8th 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 24th & 25th September 2009.
- ❖ Participated State level Seminar on **Progression in Biosciences** held at Dhanalakshmi Srinivasan College of Arts & Science, Perambalur, Tamil Nadu, India during 9th 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 & 26th 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 7th 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 & 6th 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 – 4th March 2006.

ACADEMIC ACHIEVEMENTS

Paper Publications

International: 12 & National: 13

- ❖ **M. MOHAMED MAHROOP RAJA**, N. Reehana, A. Asrar Ahamed and A. Fasila Begum. Characterization of bioactive compound isolated from *Micromonospora marina* KPMS1 and its activity against emerging antibiotics resistant strains of *Klebsiella pneumoniae* HAUTI7 and *Proteus vulgaris* HAUTI14 *International Journal of Biological Macromolecules*, 250: 125954, 2023 (IF:8.2).
- ❖ **M. MOHAMED MAHROOP RAJA**, N. Reehana and A. Fasila Begum. Biosynthesis and Characterization of L-Asparaginase Isolated from marine *Streptomyces antibioticus* KPMS7. *Indian Journal of Pharmaceutical Sciences*, 85(3):603-612, 2023.

- ❖ **M. MOHAMED MAHROOP RAJA**, N. Reehana and A. Fasila Begum. Multidrug Resistant *Staphylococcus aureus* Isolated from UTI Site and its Biofilm Inhibition Activity with Nanomaterials in Reference with Standard Antibiotics. *International Journal of Zoological Investigations*,8(Special Issues):152-159, 2022.
- ❖ **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 Imran, **M. MOHAMED MAHROOP RAJA**, Abdul Basith and Asarudeen. “ Determination of total phenol, flavonoid and antioxidant activity of edible mushrooms *Pleurotus florida* and *Pleurotus eous*”. *International Food Research Journal*, 18(2): 574 -577, 2011.
- ❖ **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(1): 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.

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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