




**RAM LAL ANAND COLLEGE (University of Delhi)**  
**Faculty Details**



Title	Dr	First Name	M Salome	Last Name	John	Photograph
Designation	Assistant Professor					
Address	101, Sarvapriya Apartments Sarvapriya Vihar, New Delhi 110016					
Phone No	Office	011-24112557 extension Microbiology				
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Web-Page						
Educational Qualifications						
Degree	Institution				Year	
PhD	NDRI, Karnal (Deemed University)				2000	
MPhil						
MA/MSc	NDRI, Karnal (Deemed University)				1996	
BSc	Gargi College, University of Delhi				1993	
Career Profile						
<ol style="list-style-type: none"><li>1. Assistant Professor (Permanent) Microbiology, Ram Lal Anand College (11<sup>th</sup> April, 2023 onwards)</li><li>2. Assistant Professor (Temporary and ad hoc), Microbiology, Ram Lal Anand College (since 15<sup>th</sup> January 2001- 10<sup>th</sup> April 2023)</li><li>3. Assistant Professor, Dairy Microbiology, former AAI, Allahabad (April 1999 to August 2000)</li></ol>						
Administrative Assignments						
<ol style="list-style-type: none"><li>1. Current academic session 2023-24: Co-convenor admissions, Department of Microbiology; Convenor, Mikrobiologika; Co-convenor, ECA admissions committee; Member, subject committee (Microbiology); Member, Alumni Committee; Convenor, NIRF Parameter 3 (Graduation outcomes); Co-convenor ILLUSION (Western Dance Society); Co-convenor Grassroots (Western Music Society)</li></ol>						

<ol style="list-style-type: none"> <li>2. Participated in the revision and restructuring of syllabi for BSc (H) Microbiology, University of Delhi under the Annual System, Semester System, FYUP System, CBCS System and current UGCF (NEP)</li> <li>3. Examinership (Theory and Practicals)</li> <li>4. Mentorship of students</li> </ol>
<b>Areas of Interest / Specialization</b>
<ol style="list-style-type: none"> <li>1. Food and Dairy Microbiology</li> <li>2. Probiotics</li> <li>3. Diversity of the Microbial World</li> <li>4. Industrial Microbiology</li> <li>5. Biosafety</li> <li>6. Groundwater</li> <li>7. Development of Soft Skills</li> </ol>
<b>Subjects Taught</b>
<ol style="list-style-type: none"> <li>1. Food and Dairy Microbiology</li> <li>2. Introduction to the Microbial World</li> <li>3. Industrial Microbiology</li> <li>4. Medical Microbiology</li> <li>5. Biosafety</li> <li>6. Microbial Quality Control in Food and Pharmaceutical Industries</li> <li>7. Bacteriology</li> </ol>
<b>Research Guidance</b>
<ol style="list-style-type: none"> <li>1. Guided students in Innovation projects RLA-203 (Groundwater in Delhi); RLA-302 (Antimicrobial Plant Extracts); CRG/RLA/06 (Health aspects of College Students)</li> <li>2. Title of current CRG project (Project CRG/RLA/206/2023): Evaluating <i>Parmotrema perlatum</i> Extracts for the Presence of Antifungal Bioactives.</li> </ol>
<b>Publications Profile (Books/Chapters/Research articles, etc.) (Last 10 publications)</b>
<ol style="list-style-type: none"> <li>1. Rita J, Deboshree D, Salome JM. Body Mass Index as an Indicator of Depression and Stress-induced Eating Disorders among College Students in Delhi, India. Asian Pac. J. Health Sci., 2022;9(3):184-187. DOI: <a href="https://doi.org/10.21276/apjhs.2022.9.3.37">https://doi.org/10.21276/apjhs.2022.9.3.37</a></li> <li>2. Jatin Chadha; Manish Gupta; Nishtha Nagpal; Madhav Sharma; Tarun Adarsh; Vaibhav Joshi; Vidhi Tikku; Tamanna Mittal; Vaibhav Kumar Nain; Ashish Singh et al. Antibacterial potential of indigenous plant extracts against multidrug-resistant bacterial</li> </ol>

strains isolated from New Delhi region. GSC Biological and Pharmaceutical Sciences. 2021, 14(02), 185-196. <http://dx.doi.org/10.30574/gscbps.2021.14.2.0053>

3. Vishal Dashora, Ashish Singh, Yash Chaudhary, Simarpreet Kaur, Vaibhav Kumar Nain, Salome John, Sanjay K. Sharma, Vandana Gupta Rakesh Kumar Gupta. Impact of Sanitary Landfills on Microbiological Activity and Water Quality Index of Groundwater in Delhi, India. Sambodhi (UGC Care Journal). (2020) Vol-43, No.-04 (IV) July-September: 219-226  
[https://www.researchgate.net/publication/348417995\\_IMPACT\\_OF\\_SANITARY\\_LAN\\_DFILLS\\_ON\\_MICROBIOLOGICAL\\_ACTIVITY\\_AND\\_WATER\\_QUALITY\\_INDEX\\_OF\\_GROUNDWATER\\_IN\\_DELHI\\_INDIA](https://www.researchgate.net/publication/348417995_IMPACT_OF_SANITARY_LAN_DFILLS_ON_MICROBIOLOGICAL_ACTIVITY_AND_WATER_QUALITY_INDEX_OF_GROUNDWATER_IN_DELHI_INDIA)
4. Kaur J., Kaur S., Dashora V., Chaudhary Y., Nijhawan P., Saini S., Dabas M., Sharma K., Aggarwal R., Gupta V., Singh R., Pande P., Sharma SK., John S., Gupta RK. (2015) Microbiological and Physico-Chemical Quality of Groundwater at a Resettlement Colony, Madanpur Khadar in Delhi, India. DU Journal of Undergraduate Research and Innovation: 1 (3), 26-38. <https://journals.du.ac.in/ugresearch/pdf-vol3/U4.pdf>
5. Sharma A., John S. and Bhatia K.L. (1996) Nutraceuticals – Foods of the Future, Beverage and Food World: 23 (4), 24-27.

#### Conference Organization/ Presentations (in the last three years)

- **Organizing Secretary**, Symposium: Role of Probiotics on Neonatal and Child Health
- **Course coordinator**: Online certificate course (40 hours) on Basic statistics for Biological Sciences (1<sup>st</sup> edition: July 2021; 2<sup>nd</sup> Edition: Jan-Feb 2023)
- **Coordinator, Science Setu program with THSTI**: Since March 2021
- **Resource Person**: “One-week Hands-on workshop on Basic Techniques in Microbiology jointly organized by RLAC, CIIDRET & DSSEED) 17<sup>th</sup> to 23<sup>rd</sup> Dec 2022
- **Resource person**: Hands-on Summer Training under DBT star college scheme on “Exploring and Identifying Microbial diversity” 13<sup>th</sup> - 17<sup>th</sup> July 2022
- **Seminar organized as Convenor, Mikrobiologika**: Antibodies- Ek Naam, Anek Kaam by Prof V K Chaudhry (24<sup>th</sup> Feb 2021)
- **Coordinator**: One-week online FDP on Biosafety and Bioethics (25 Aug to 28 Aug 2020)
- **Member, Organizing Committee**: One Day National Seminar on “Meta-genomics and Genome Editing”; 5<sup>th</sup> Feb 2020
- **Member, Organizing Committee**: International Seminar on “Nanoparticles in Biology” 29<sup>th</sup> Jan, 2020

<b>Research Projects (Major Grants/Research Collaboration)</b>
<ol style="list-style-type: none"> <li>1. Innovation Project 2013-15, RLA-206: Potable Water in Delhi and NCR – Assessment of quality, resources and remediation</li> <li>2. Innovation Project 2015-16, RLA-302: Prospecting biologically active antibacterial compounds from plant extracts against multi-drug resistant strains</li> <li>3. Project CRG/RLA/06/2019: An Epidemiological Study of Emotional and Physical Health of College Students in Delhi</li> <li>4. Project CRG/RLA/206/2023: Evaluating <i>Parmotrema perlatum</i> Extracts for the Presence of Antifungal Bioactives</li> </ol>
<b>Awards and Distinctions</b>
<ul style="list-style-type: none"> <li>• Received <b>Elite Topper certificate</b> for successfully completing NPTEL online certificate course “Developing Soft Skills and Personality”; and followed it up with “Enhancing Soft Skills and Personality” conducted by IIT Kanpur</li> </ul>
<b>Association With Professional Bodies</b>
<p>Life Member, AMI  Life Member, PAI  Life Member, MSI</p>
<b>Other Activities</b>
<ul style="list-style-type: none"> <li>• Successfully completed 4-Week Faculty Induction/Orientation Programme for “Faculty in Universities/Colleges/Institutes of Higher Education” from 23 April – 22 May, 2023 ( Grade A+)</li> <li>• Outreach initiatives for School Students (Apeejay School, 120; Ramjas international, 20; DL DAV public school, 33; St Edmund’s college, 19)</li> <li>• Successfully completed EDP on Food Processing, 7<sup>th</sup> July 2022</li> <li>• Successfully completed Hands on Workshop on Fermentation Technology at BioNest, UDSC</li> </ul>