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Dr. JESSE JOEL THATHAPUDI'S PROFILE



Dr. JESSE JOEL THATHAPUDI BSc., MSc., PhD.

DESIGNATION – ASSISTANT PROFESSOR

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SCOPUS ID: 57205299974

Date of Joining: 08/10/2012

ACADEMIC BACKGROUND

Degree	University	Year
Ph.D (Microbiology)	Sam Higginbottom University of Agriculture, Technology & Sciences (SHUATS), Faculty of Engineering and Technology, Allahabad, UP.	2011
M.Sc. (<i>Applied Microbiology</i>)	Periyar University, KS Rangasamy College of Arts and Science (KSRCAS), Salem, TN.	2002
B.Tech. (<i>Triple Major - Microbiology,</i>	Nagarjuna University, Andhra Loyola College, Vijayawada (AP), Guntur, AP.	2000

Degree

University

Year

Chemistry and Botany)

COURSES TAUGHT

- Microbiology
- Molecular Forensics
- Vaccine Technology
- Microbial Biotechnology
- Molecular Diagnostics

RESEARCH INTERESTS

- Oral Microbiology (Human and Animal, clinical samples)
- Ameliorative Effects of Biological Compounds
- Plant Phytochemical studies
- Biomaterials
- Neurodegeneration

MOST RECENT PUBLICATIONS

- Diptikanta Acharya, Sagarika Satapathy, **Jesse Joel Thathapudi**, Prathap Somu & Gitanjali Mishra. **2020**. Biogenic synthesis of silver nanoparticles using marine algae *Cladophora glomerata* and evaluation of apoptotic effects in human colon cancer cell. *Materials Technology*, DOI: 10.1080/10667857.2020.1863597. (*Scopus*, *WoS*) (IF 3.8). (*Taylor & Francis*)
- **Jesse Joel T.**, S. Sandeep Singh, and P. W. Ramteke. Distribution and Evidential Incidence of Oral Microflora Among Dental Caries Infected 3–19-Year-Old in Allahabad, India—A Pilot Study. 2020. *Learning and Analytics in Intelligent Systems*, Vol 15. **2020**. (ISBN: 978-3-030-46938-2) (*Springer-Nature*)
- **Jesse Joel T.**, Suluvoy J.K, Varghese, J. **2019**. Evaluation of the secondary metabolites of the waste pomegranate rind and its cytotoxicity against oral cancer (KB 3-1). *Journal of Pure and Applied Microbiology*. 13(3), pp. 1667-1672. (*WoS*, *Scopus*) (IF 0.17).
- Goyal, M.R., Suleria, H.A.R., Ayeleso, A.O., **Jesse Joel T.**, & Panda, S.K. (Eds.) **2019**. The Therapeutic Properties of Medicinal Plants: Health-Rejuvenating Bioactive Compounds of Native Flora (1st ed.). *CRC Press*. <https://doi.org/10.1201/9780429265204>

- **Jesse Joel, T.**, Ramteke, P.W. The Good Tooth, The Bad Influence of Aciduric Germs and The Ugly Stench of Decay. **2017**. Recent Trends in Nanomedicine and Tissue Engineering. (ISBN: 9788793609167, River Publishers, Denmark) (*Scopus*).

PROJECTS HANDLED

- Microbial load determination and Effluent treatment, Water Institute, Karunya University.

PATENTS PUBLISHED/GRANTED

- Dr. Jibu Thomas, Dr. S. Jacob K. Annamalai, Dr. Muthukumar Nadar, **Dr. T. Jesse Joel**, Mr.S. Robert. **Kavid – Karunya Disinfection Chamber**. Filed No. 20241020677, Dated **15.05.2020**.

Memberships in Professional Bodies

- Association of Microbiologists of India. LIFE MEMBER (4215-2015).
- International Science Congress Association (ISCA). APEX MEMBER (LIFE) (ISCA-FM-242).
- International Association of Engineering (IAENG). LIFE MEMBER (IAENG: 137245).