

Dr. Nimisha Patel, M.Sc., Ph.D.

Designation: Ad hoc Assistant Professor

Basic Discipline: Life Sciences, Microbiology, Molecular Biology and Biochemistry (Ph.D. in Biosciences)

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Area of Research Interest: Microbiology, molecular biology and environmental biology.



Teaching Experience-

- Assistant professor in Life Science Department, Mumbai University (Aug 2019 – Till date): 1+ yrs of experience of working as an Assistant Professor at Life sciences department, Mumbai University, Vidyanagri, Kalina Campus, Santacruz (E), Mumbai.
- 6 Months teaching experience of graduate level students for competitive exams in reputed private coaching institute.
- **CSIR-NET (LS) qualified 2012.**

Qualification-

- Ph.D(Bioscience)from Jamia Millia Islamia (2018).
- Masters of Science in Biotechnology (M.Sc) with 68.75 % marks from Kurukshetra University, Kurukshetra.
- Bachelors of Science (B.Sc- Zoology, Botany and Chemistry) with 70% marks from M.D University, Rohtak.

PUBLICATIONS / ABSTRACTS: -

- **Nimisha Patel** and Arif Ali (2014). Chrysene: a carcinogen and its microbial degradation. **Journal of innovative Biology**. Vol.1, Issue3, P. 155-162.
- **Nimisha Patel**, AsifAnas, Tanzeel, ShaziaShaheen Mir and Arif Ali*, (2015). "Biodegradation of chrysene by Ochrobactrumintermedium and Enterobacter sp. isolated from the surrounding soil of Mathura oil refinery." **Journal of Biotechnology & Biomaterials**, Volume 5 Issue 6, Page 336.
- ShaziaShaheen Mir, AsifAnas, Tanzeel, **Nimisha Patel**, Uzair Ahmad and Arif Ali (2015).A comparative study of the performance of loop mediated isothermal amplification (LAMP) and PCR for diagnosis of gonorrhoea. **Journal of Biotechnology & Biomaterials**, Volume 5 Issue 6, Page 286.
- AsifAnas, Tanzeel, ShaziaShaheen Mir, **Nimisha Patel**, Uzair Ahmad and Arif Ali (2015). Molecular screening of different CTX-M gene sub-group by PCR-DGGE in E. coli isolates from UTI patients. **Journal of Biotechnology & Biomaterials**, Volume 5 Issue 6, Page 280.

Research Paper Communicated

- Vegetos (VTOS) -In-house assembled DGGE unit leads to the detection of blaCTX-M isoforms harbored in E. coli isolate of UTI patients. Full author list: Asif Anas, Ph.D.; Tanzeel Tanzeel, Ph.D.; Uzair Ahmad, Ph.D.; Md. Zubbair Malik; **Nimisha Patel**; Arif Ali (March 2020).
- Biodegradation of chrysene by the efficient soil bacterial isolates 3AS and 5AS. Full author list:

Nimisha Patel, Uzair Ahmad, Shaziashaheen Mir, Asif Anas, Tanzeel Tanzeel and Arif Ali*.
Journal: bioremediation journal, manuscript ID-BBRM-2020-35A-OA.

Seminar/Conference Attended:

- 11th World Congress on Biotechnology during with main theme on “Addressing New Challenges and Emerging Issues in Biotechnology” September 19-21, 2016 at New Delhi, India.
- 56th Annual Conference of Association of Microbiologist of India AMI-2015 & International Symposium on “Emerging Discoveries in Microbiology”.
- International conference on woman’s reproductive health: A step towards improving quality of life. Organized by ICMR-NIRRH Golden Jubilee Celebration 20-23 February 2020, Mumbai, India.

Short term course/ Workshop Attended

- Attended one day workshop on “Science Communication” in July 2015 organized by the Wellcome Trust/DBT India Alliance at Jamia Millia Islamia, New Delhi.
- Attended short course on “Cancer Therapy through Targeting Mammalian DNA Repair Pathways” under GIAN (Global Initiative for Academic Networks) MHRD at Jamia Millia Islamia, New Delhi from 23rd October 2017 to 1st November 2017.
- Attended short course on “Antimicrobial resistance with special reference to aquaculture” organized by Aquatic Environment & Health Management Division, Central Institute of Fisheries Education, Mumbai, 2nd -11th March 2020.

Online Webinar/Workshop/FDP - Faculty Development Program attended:

- Attended “National workshop on Youth for Community Development – NWYCD” (27th March – 11th April 2020).
- Participated and completed one-week online Faculty Development programme (FDP) “Moodle Learning Management System” organized by Karnataka Law Society Vishwanathrao Deshpande Institute of Technology, Haliyal, Karnataka in association with IIT Bombay Spoken Tutorial (4- 8th May 2020)
- National Webinar attended on “Birds of Mangroves Ecosystem” organized by department of Life Science, KC College under aegis of DBT STAR STATUS held on 19th May 2020.
- Participated and completed one week FDP programme on “ICT based tools and its applications in teaching learning process” organized by BSVS- Educational learning Centre, Nagpur (27th May - 2nd June 2020)
- Participated and completed 4 day online FDP workshop on “Moodle Learning Management System” organized by Internal Quality Assurance Cell, University of Mumbai (4-7th June 2020)
- Participated and completed online FDP on “Energy Conservation and Renewable Energy” organized by IGNOU, New Delhi (8– 12th June 2020)
- Attended international webinar on Life Science organized by Government Arts College (Autonomous), Kanpur, TN India PG & Research Department Botany (22- 24th June 2020)
- Participated and completed online “Science Leadership Workshop” (22-28th June 2020)
- Attended webinar “One District One Product (ODOP): A Novel Initiative for Territorial Self Sustainability” organized by Buddha Institute of Technology (525), Gorakhpur in association with The Institution of Engineers (India) Gorakhpur local centre & RSTC, Taramandal, A unit of CST, U.P. on 04th July, 2020
- Attended the virtual National seminar on "Current trends in Fish Biotechnological Research"(CTFBT 2020) organized by the Institute of Fisheries Post Graduate Studies, TNJFU, OMR Campus, Vaniyanchavadi, Chennai (9-11th July 2020)

- Attended Global HR Conclave organized by Training & Placement Office and Startup Cell of J C Bose University of Science & Technology, YMCA, Faridabad (11-12th July 2020)
- Attended first virtual conference on “Recent trends in Nanomaterials Synthesis & Applications” organized by the Department of Chemistry, MITS, Madnapalle-517325 Chittoor District, Andhra Pradesh, India (16-18 July 2020)

DECLARATION

I do hereby declare that all the information furnished above is true to the best of my knowledge.

Place: Faridabad

Date: 09/08/2020

Dr.Nimisha Patel