

Biodata

Full Name: Khan Shabib Abdullah

College Name: K J Somaiya College of Science and Commerce

Residential address: B-904 Sayba Opal, building number 119 Nehru Nagar, Kurla East
Mumbai 400024

Qualification: M.Sc. Microbiology, CSIR-UGC NET, SET. Pursuing Ph.D.

Specialisation: Microbiology

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Teaching experience UG: 10 years 8 months PG: 09 years 08 months

Academic achievements: Recognition from University of Mumbai:

Approved Under-graduate teacher for B.Sc. Microbiology, w.e.f. 18th December, 2013.

Recognized post-graduate teacher for M.Sc. Microbiology (by Papers) w.e.f. 3rd July, 2019.

Recognized post-graduate teacher for M.Sc. Microbiology (by Research) w.e.f. 31st March, 2023.

As a member of BoS in another College:

A member of BoS in Microbiology at B. K. Birla College Autonomous College, Kalyan.

As a member attended a meeting on 11th May, 2023 and 09th March, 2024

Invited as a Resource Person for: “E-resources for enhancement of Research”; “Synchronous session “Features of Edmodo LMS”; “Role of OERs in Education”; “ICT Tools for Online Learning”; “Blended Learning Approaches for Biosciences”.

Academic Progression and Faculty Development:

Orientation Course: UGC sponsored Orientation Course at UGC HRDC DAVV (Devi Ahilya Vishwavidhyalaya), Indore conducted during the period 11/05/2017 till 07/06/2017.

Induction Programme: Induction Programme (01/05/2018-26/05/2018) organised by the Centre of Excellence in Science and Mathematics Education (CoESME) at IISER Pune, under the aegis of MHRD's Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT) Scheme.

Refresher Course: UGC sponsored Refresher Course in Biology (Core) at UGC-HRDC DAVV (Devi Ahilya Vishwavidhyalaya) Indore, conducted during the period 05/09/2018 till 25/09/2018.

Faculty Development Programmes: Four FDPs

Short-term course: Online short-term course on Health and Hygiene conducted by UGC-HRDC Aligarh Muslim University from 17-02-2022 till 23-02-2022.

Other courses completed: Completed a 2-credit course on “Research and Publication Ethics” during February 2023-March 2023. **NPTEL Online Certificate Courses:**

Successfully completed following 4 Online Certificate Courses funded by the Ministry of HRD, Govt. of India on SWAYAM portal for Online Education till date.

Memberships: 1) Life Member: Microbiologist Society, India. 2) Life Member: Mycological Society of India.

Registered for Ph.D. in Microbiology in July 2017

Research profile and achievements: Research interests:

Microbial Biochemistry-Biosurfactants from Halophiles, Environmental Microbiology, Applied Microbiology and ICT based Teaching, Learning and Evaluation.

Research project and Funding:

Successfully completed a Minor Research Project entitled: Study on Applications of Biosurfactants extracted from Halophiles, which was sanctioned with a grant of 35,000/- by University of Mumbai, in the academic year **2016-2017**.

2023-2024 Co-Principal investigator for project entitled "Isolation of EPS from probiotic microorganisms and studying its anti-bacterial, anti-fungal, anti-cancer activity and application in food packaging. Seed money by Somaiya Vidyavihar (Ms. Versha Peghwal and Mr. Shabib Khan)

Research Award: Best Research Paper award for presenting a Research paper entitled: "Evaluation of Inclusive Teaching Strategies on the Holistic Development of a Learner" at a Conference on Diversity and Inclusion: Opportunities and Challenges in Higher Education at Nagindas Khandwala College, Malad, Mumbai on 14th February, 2020.

Research Publications: International and National

- 1) Gandhi H, **Khan S**, (2016) "Biological Synthesis of Silver Nanoparticles and its Antibacterial Activity". Journal of Nanomedicine and Nanotechnology, Vol 07, Issue 02, 1000366, ISSN 2157-7439, doi:10.4172/2157-7439.1000366.
- 2) Waghela M, **Khan S**, (2018) "Isolation, Characterization of Pigment Producing Bacteria from Various food samples and testing of Antimicrobial Activity of Bacterial Pigments". DAV International Journal of Science, ISSN-2277-5536 (PRINT);2277-5461(Online) Volume-07, Issue-01.
- 3) Goriwale N, **Khan S**, (2018) "Comparative Study on Bioethanol Production from Neem (*Azadirachta indica*) leaves using *Saccharomyces* sp and *Bacillus* sp". DAV International Journal of Science. ISSN 2277-5536 (Print);2277-5461(Online), Volume-07, Issue-01.
- 4) **Khan S**, Jain L, (2018) "Isolation, Screening, Characterization and Identification of Biosurfactant Producing Halophiles from Sambhar Saline Lake, India". Aayushi International Interdisciplinary Research Journal (AIIRJ), ISSN-2349-638x, Impact factor 4.574, Special factor No.26. UGC approved Sr. No. 64259.
- 5) **Shabib Khan**, Lolly Jain (2019), Comparative Screening of Different Mineral Salt Media for Biosurfactant production by Halophilic organisms. Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5 ISSN2349-5162, Peer reviewed UGC Approved and Listed Journal number 63975.

6) **Shabib Khan** (2019), Synergistic Approach of ICT and Innovative Assessment for Enhancement in Teaching Learning Process. Research Chronicler, International Multidisciplinary Research Journal, Vol VII, Special Issue II March 2019 page number: 126-130. eISSN-2347- 503X pISSN2347-5021, Peer reviewed UGC Approved and Listed Journal number.41311.

7) **Shabib Khan** (2019), Challenges Associated with Flipped Classroom and Creation of E-Content in Education. *Think India Journal*, 22(28), 1-5. Retrieved from <https://journals.eduindex.org/index.php/think-india/article/view/16295>. UGC-CARE Listed Journal. ISSN: 0971-1260. Published 28-12-2019

8) **Shabib Khan** (2020), Evaluation of Inclusive Teaching Strategies on the Holistic Development of a Learner. Shodh Sarita, Vol-7, Issue 25, January-March, 2020 UGC-CARE Listed Journal. Group I . ISSN: 2348-2397

9) **Shabib Khan** (2020), Impact of Learning Management Systems and Open Education Resources on Science Education. Xplore-The Xavier's Research Journal, Vol. 11, Issue- 1, March 2020. ISSN: 2249-1878. Page numbers: 35-42. UGC-CARE Listed Journal (Group I)

Participation in Social outreach activities:

Planning and organizing skits, surveys, awareness sessions based on sensitizing the public on environmental, health and social issues as a part of study circle and social outreach activities.