

Dr. MAHESH A JOSHI

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Educational Qualifications:

Degree	College/ University	Class/ Division	Month and Year of Passing	Remarks
Ph.D. (Zoology)	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S) India	-	2021	-
M.Sc. (Zoology)	Department of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S) India	I	May-2013	-
B.Sc. (Microbiology, Zoology and Chemistry)	Nutan Mahavidyalaya Sailu, Dist Parbhani	I	May-2011	-

Name of Ph.D Research Topic: “PHYSICOCHEMICAL AND ANTIMICROBIAL PROPERTIES OF RAW HONEY FROM KANNAD TALUKA OF AURANGABAD DISTRICT”

Research Expertise and Interests:

Physicochemical properties such as pH, electrical conductivity, moisture content, glucose, fructose, total reducing sugars, sucrose, protein, proline, Vitamin C, lipid, HMF content, enzyme activity, antimicrobial activity and mineral contents in honey samples.

Teaching Experience: One year teaching experience (2013-2014) on assistant professor on CHB at Vivekanand College, Aurangabad (M.S), India.

One year teaching experience (2022-2023) on assistant professor on CHB at Shri Shivaji College (UG & PG) Parbhani, Maharashtra State, India

Research publications - 06:

- 1. Waykar, B., and Joshi, M. A. (2021):** Antibacterial activity of raw honey of three bee species collected from Kannad Taluka of Aurangabad district. *Journal of Pharmacognosy and Phytochemistry*, 10(2), 706-709.
- 2. Waykar, B., and Joshi, M. A. (2021):** Physicochemical properties of blended raw honey samples collected from three different locations of Kannad Taluka of Aurangabad district (MS), India. *Journal of Entomology and Zoology Studies*, 9(2), 578-586.
- 3. Waykar, B., Joshi, M. A., and Jawalkar, N. B. (2022):** Assessment of essential minerals and toxic trace metals in blended raw honey, soil, leaf and flower samples harvested from different locations of Kannad Taluka of Aurangabad District. *Journal of Entomology and Zoology Studies*, 10(1), 298-305.
- 4. Waykar, B., Joshi, M. A., and Jawalkar, N. B. (2022):** Enzyme activity of raw honey harvested from different localities of Kannad region, Aurangabad District (M. S.), India. *Journal of Entomology and Zoology Studies*, 10(1), 306-311.
- 5. Waykar, B., Joshi, M. A., and Jawalkar, N. B. (2022):** Effect of storage on various honey quality parameters of *Apis mellifera* honey harvested from Kannad region, Aurangabad. *Journal of Pharmacognosy and Phytochemistry*, 11 (1), 239-246.
- 6. Waykar, B., Joshi, M. A., and Jawalkar, N. B. (2022):** Antifungal activity of raw honey of three honeybee species harvested from Kannad Taluka of Aurangabad District (M. S.), India. *International Journal for Research in Applied Science and Engineering Technology (IJRASET)*, 10 (3), 969-974.

Participation in Conferences/ Workshops/ Seminar/Symposium:

Participated in “**100th Indian Science Congress (ISCA)**” which is held on 3-7 January 2013 at University of Calcutta, Kolkata, India.

Participated in a U. G. C. Sponsored National Conference on “**Ecosystem / Green Studies: Perspectives from Literature, Life Sciences and Earth Sciences**” which is held on 2nd & 3rd February 2013 at Department of Zoology, Deogiri college, Aurangabad (M.S) India.

Participated in a U.G.C. Sponsored State level Seminar on **“Fish Biodiversity and Environment”** which is held on 13 March 2015 at Nutan College, Selu, Dist. Parbhani (M.S) India.

Participated in a National level conference on **“Harmony with Nature in Context of Bioresources and Environmental Health”** which is held on 23rd to 25th November 2015 at Department of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S) India.

Participated in **“103rd Indian Science Congress (ISCA)”** which is held on 3-7 January 2016 at Mysore University, Mysore, India.

Participated in a Two days Interactive workshop of Students, Farmers and Scientists on **“Sericulture Technologies”** Organized by Department of Zoology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad and Department of Zoology, Dr. Rafiq Zakaria College for Women Aurangabad During 29 & 30 January, 2016 at Dongargaon Tq. Phulambri Dist. Aurangabad (M.S) India.

Participated in a One day workshop on **“Intellectual Property Rights”** which is held on 22nd August, 2016 at CFART Auditorium, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S) India.

Participated and presented research work in a International level conference on **“Biodiversity: Current Scenario and future Strategies”** which is held on 6 to 8 October 2016 at Department of Zoology and Botany, St. Bede's College, Shimla, (H.P), India.

Participated and presented research work in a International level conference on **“Ecosystem Responses to Global Environmental Changes and Their Impact”** which is held on 16 to 18 February 2017 at School of Life Sciences, Devi Ahilya University Indore (M.P), India.

Participated and presented research work in a State level Seminar on **“Emerging Trends and Challenges in Life Sciences: A Biotechnological Approach”** which is held on 12th & 13th January 2018 at Department of Zoology and Botany M.G.V's Arts, Science & Commerce College, Manmad, Tal. Nandgaon, Dist. Nashik (M.S) India.

Participated in **“105th Indian Science Congress (ISCA)”** which is held on 16-18 March 2018 at Manipur University, Imphal, India.

Participated and presented research work in a National level conference on **“Recent Trends in Life Science for Sustainable Development”** which is held on 22nd-23rd January, 2019 at Department of Zoology, Sant Gadge Baba Amravati University, Amravati (M.S), India.

Participated in a One day National Webinar on **“Use of Modern Technology in Daily Teaching-The Need of the Hour”** which is held on 29th May, 2020 at Vaishnavi Mahavidyalaya, Wadwani Dist. Beed (M.S) India.

Participated in a One day online Multidisciplinary International Conference on **“Health Hygiene and Higher Education”** which is held on 30th May, 2020 at Department of Zoology and Economics, Sant Rawool Maharaj Mahavidyalaya, Kudal Dist. Sindhudurg (M.S) India.

Participated in a International Webinar on **“Biodiversity and Wildlife Conservation”** which is held on 30st May, 2020 at Department of Zoology and IQAC, Sant Gadge Baba Amravati University, Amravati (M.S), India.

Participated in a International Webinar on **“Taxonomy and Forensic Entomology”** which is held on 31st May, 2020 at Department of Zoology and IQAC, Sant Gadge Baba Amravati University, Amravati (M.S), India.
