



Resolving Double Helix For Life

CURRICULUM VITAE

Dr. G. JAWAHAR

Assistant Professor,

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EDUCATIONAL QUALIFICATIONS

Ph. D., Biotechnology	Karunya University, Coimbatore, Tamil Nadu, INDIA.	2008 - 2015 (Full - time)
M. Phil., Biotechnology	Madurai Kamaraj University, Madurai, Tamil Nadu, INDIA.	2006 - 2007 (Full - time)
M.Sc., Biotechnology	Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu, INDIA.	2004 -2006 (Full - time)
B. Sc., Zoology	St. Xavier's College, Tirunelveli, Tamil Nadu, INDIA.	2001 -2004 (Full-time)

SPECIALIZATION & RESEARCH INTEREST

- ★ Cancer Biology (Preclinical studies)
- ★ Food Dehydration & Processing Technology
- ★ Mushroom Biotechnology

TEACHING EXPERIENCE

September 2017 to till date : Assistant Professor, C.G. Bhakta Institute of Biotechnology,
Uka Tarsadia University, Tarsadi - 394350 Surat
District, Gujarat - INDIA.



UKA TARSADIA UNIVERSITY, Maliba campus, Gopal Vidyanagar,

Bardoli-Mahuva Road, Tarsadi - 394 350, Dist. Mahuva, GUJARATA
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September 2016 to August 2017 : **Assistant Professor**, Department of Biotechnology,
(1 year) Mahatma Gandhi Mission's College of Engineering and
Technology (MGM), Kamothe, Navi Mumbai – 410209.
Maharashtra, INDIA.

RESEARCH EXPERIENCE

Research Experience: 15 years

Funded Research Projects

“Cultivation of Edible Mushroom from Agricultural Waste” – Financial assistance under research promotion scheme (RPS - 2018) of Uka Tarsadia University, Tarsadi - 394350. Surat District, Gujarat - INDIA.

Start – up

Commercial pilot scale cultivation of edible mushrooms (A small scale business venture - 2018) C.G. Bhakta Institute of Biotechnology, Uka Tarsadia University, Tarsadi - 394350 Surat District, Gujarat - INDIA.

Projects Completed:

Karunya University (*Department of Biotechnology*)

1. Development and Popularization of value added products from selected medicinal Mushrooms (2008 – 2015, Ph.D, Thesis).

Madurai Kamaraj University (*Centre of Excellence in Bioinformatics*)

2. Investigation of Disordered regions and Domain regions in Protein kinases (2006 – 2007, M.Phil, Thesis).

Aravind Eye Hospital (*Post graduate Intitute of ophthalmology*)

3. Microbiological Diagnosis of patients with Blepharitis and Conjunctivitis (2005– 2006, M.Sc, Thesis).





Mahatma Gandhi Mission's College of Engineering and Technology, (Department of Biotechnology)

4. Lab scale cultivation of edible mushroom on suitable substrate & Drying and biochemical effect of edible mushrooms (2016- 2017).

ADMINISTRATIVE EXPERIENCE

September 2016 to August 2017 : Worked as a “**Understudy supervisor**” for University of (1 year) Mumbai, Engineering Examination at Mahatma Gandhi Mission's College of Engineering and Technology, Kamothe, Navi Mumbai – 410 209. Maharashtra, INDIA.

September 2016 to August 2017 : Worked as a “**Scholarship Coordinator**” for Maharashtra e- (1 year) Scholarship & Directorate of Technical Education (Maharashtra State, Mumbai) for Department of Biotechnology at Mahatma Gandhi Mission's College of Engineering and Technology, Kamothe, Navi Mumbai – 410 209. Maharashtra, INDIA.

Septemeber 2012 to Apirl 2016 : Worked as a ‘**Senior Residential Advisor & Warden**’ in (4 years 7 months) Gents Residences, Karunya University, Coimbatoure, Tamilnadu, INDIA.

CREDITABLE POSITION

➤ **As a Co- Ordinator for the events**

Event Name	Year	Place
As a Co-Ordinator for the state-level (Government of Gujarat) Student Start-up & Innovation Policy (SSIP)	2018 to till date	Uka Tarsadia University, Tarsadi – 394350. Surat District, Gujarat- INDIA.





➤ **As a Guiding Teacher**

Dissertation	Year	No of student
B.Tech. , Biotechnology Guiding Teacher in the Department of Biotechnology, Mahatma Gandhi Mission's College of Engineering and Technology, Navi Mumbai – 410 209. Maharashtra, INDIA.	2017	2
M.Sc. , Biotechnology and Microbiology Guiding Teacher, C.G. Bhakta Institute of Biotechnology, Uka Tarsadia University, Tarsadi – 394350. Surat District, Gujarat - INDIA.	2018	10
M.Sc. , Biotechnology and Microbiology Guiding Teacher, C.G. Bhakta Institute of Biotechnology, Uka Tarsadia University, Tarsadi – 394350. Surat District, Gujarat - INDIA.	2019	8
M.Sc. , Biotechnology and Microbiology Guiding Teacher, C.G. Bhakta Institute of Biotechnology, Uka Tarsadia University, Tarsadi – 394350. Surat District, Gujarat - INDIA.	2020	9

PRESENTATIONS

- ❖ Received a certificate of appreciation from the Department of Biotechnology for conducting the workshop on “Cultivation of Edible Mushroom” in Mind kraft ‘2015, held on 25th to 27th February 2015 at Karunya University, Coimbatore, Tamilnadu, INDIA.
- ❖ Received a certificate of appreciation from the Department of Biotechnology for conducting the workshop on “Mushrooms Cultivation” in Nature club and Green unit held on 12th December 2015 at Karunya University, Coimbatore, Tamil Nadu, INDIA.
- ❖ Received “BEST PAPER AWARD” in a National Level Conference on “Bio Revolution A Promising Strategy -2011” at Sri Krishna Arts and Science College, Coimbatore, Tamil Nadu, INDIA, for the research paper entitled “Nutritional Quality of Health Beneficial Mushroom Dried at Various Temperatures in Vibrated Fluidized Dryer.”





PUBLICATIONS (INTERNATIONAL AND NATIONAL JOURNALS)

1. Nikita Parwani, **Jawahar Ganapathy**, Abhishek Sharma & Jemisha Mistry. “Antivenom Activity of Ethnobotanical Plants”. Archives of Food Science and Nutrition Research. Volume & Issue (1) 1, 2021, Page No 18-23.
2. Kejal Gohil, Heenaben Raj, **Jawahar Ganapathy** and Ashok Shah. “Effect of lunar cycle based seasonal variation in physiochemical content of seeds and floral part of *Calotropis gigantea* (L.) R BR ”. International Journal of Botany Studies. Volume & Issue (5) 6, 2020, Page No 564-571.
3. Abhishek Sharma, Ajay Kumar Mathur, **Jawahar Ganapathy**, Bhruagesh Joshi & Pritesh Patel. “Effect of abiotic elicitation and pathway precursors feeding over terpenoid indole alkaloids production in multiple shoot and callus cultures of *Catharanthus roseus*”. Biologia. Journal volume & Issue: 74, 2019, Page No 543-553.
4. **Jawahar Ganapathy** and Emilin Renitta. “Evaluation of dietary supplementation of *Pleurotus ostreatus* and *Calocybe indica* in Swiss male albino mice”. Asian Journal of Pharmaceutical and Clinical Research. Journal volume & Issue: 11 (10) 2018, Page No 01-05.
5. **Jawahar Ganapathy** and Emilin Renitta. “Shelf Life Assessment of Chutney Powder Developed from *Calocybe indica* (Milky Mushroom)”. Malaya Journal of Biosciences. Journal volume & Issue: 5 (1) 2018, Page No 46-56.
6. **Jawahar Ganapathy** and Venugopal Vinod Prabhu. “Cancer-associated antigens and their clinical potential for immunotherapy”. Malaya Journal of Biosciences. Journal volume & Issue: 3 (1) 2016, Page No 46-56.
7. **Jawahar Ganapathy** and Emilin Renitta. “Evaluation of anti-cancer activity and anti-oxidant status of *Calocybe indica* on Dalton's Lymphoma Ascites Induced mice”. Australian Journal of Basic and Applied Sciences. Journal volume & Issue: 8 (10) 2014, Page No: 466-475.





8. Jeyakumar Natarajan and **Jawahar Ganapathy**. “Functional gene clustering via gene annotation sentences, MeSH and GO Keywords from biomedical literature”. *Bioinformation*. Journal volume & Issue: 2 (5) 2007, Page No: 185-193.

CONFERENCE PROCEEDINGS

1. **Jawahar Ganapathy** and Emilin Renitta. “Drying characteristics and nutritional quality of health beneficial milky mushroom (*Calocybe indica*). International Conference on 360° View of food (“Food web Global Connect”)” on 2012. M.O.P. Vaishnav College for Women. Chennai Tamilnadu, INDIA.
2. **Jawahar Ganapathy** and Emilin Renitta. “Nutritional Quality of Health Beneficial Mushroom Dried at Various Temperatures in Vibrated Fluidized Dryer”. National Level Conference on Bio revolution a promising strategy, 2011, Sri Krishna Arts and Science College, Coimbatore, Tamilnadu, INDIA.

BOOK CHAPTER

1. **Jawahar Ganapathy** and Emilin Renitta. “Mushroom processing and preservation”, *Sustainable Technologies in Healthcare and Environment*. (2015) Pages: 27-33, ISBN No. 978-81-90387-10-1.
2. Emilin Renitta and **Jawahar Ganapathy**. “Facets of Biotechnology, Mushroom - Source of Food and Medicine”. (2013) Pages: 153 - 157, ISBN No: 978-93-80485-35-5.

INVITED SPEAKER & RESOURCE PERSON

- ★ Resource Person for the workshop on “Mushrooms Cultivation & Value Added Products” at Nature club & Green unit held at Dept., of Biotechnology, Karunya University on 9th January 2016, Coimbatore, Tamilnadu, INDIA.
- ★ Invited Speaker for the “Career Trajectory for students of Grade XII” (Science Stream) at St, Tomas High School, Surat, Gujarat, on 17th July 2021.





TRAINING COURSE ATTENDED

1. Faculty development programs from April 18, 2018 to May 01, 2018 at the Center of Humanities and Development at Uka Tarsadia University, Tarsadi - 394350 Surat District, Gujarat – INDIA
2. DBT sponsored Short term training programme on Immunological Techniques in Cancer Biology on 8th to 16th October 2009. Organized by Dept., of Biotechnology, Karunya University - Coimbatore, Tamilnadu, INDIA.
3. ISTE Sponsored Short term training programme on Modern Immunotechnology, March 23rd to 27th 2009. Organized by Dept., of Biotechnology, Karunya University, Coimbatore - Tamilnadu, INDIA.
4. Recognition of successful completion of Dept., of Biotechnology (New Delhi) Training course on "Commercial Murrel Culture (Fish)" from November 2003 – March 2004. Centre for Aquaculture Research & Extension, St.Xavier's College (Autonomous) Palayamkottai, Tamilnadu, INDIA.

WORKSHOPS ATTENDED

1. Member in INSPIRE INTERNSHIP SCIENCE CAMP, on 5th to 9th September 2018, sponsored by Department of Science and Technology, Government of India, held at C.G. Bhakta Institute of Biotechnology, Uka Tarsadia University, Tarsadi Surat, Gujarat – INDIA.
2. One day (05.02.2015) Introductory training programme on Mushroom cultivation held at Agricultural college and research Institute, Coimbatore, Tamilnadu, INDIA.
3. Regional workshop on ISOTOPE HYDROLOGY held on 11.10.2012 at Karunya University, Coimbatore, Tamilnadu, INDIA.
4. One day workshop on “Proteomics Technique” held during December 15th 2012, Department of Bioinformatics, Karunya University, Coimbatore, Tamilnadu, INDIA.
5. One day Training Program on Entrepreneurship in vermicomposting on 9th April 2010 at





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Department of Biotechnology, School of Biotechnology and Health Sciences
Karunya University, Coimbatore, Tamilnadu, INDIA.

6. National workshop on critical perspective on research methodology in biomedical sciences held on 7th& 8th October 2009 in Department of Biotechnology at Karunya University, Coimbatore, Tamilnadu, INDIA.
7. One day (05.03.2009) training programme on mushrooms cultivation held at the Agricultural College and research Institute, Coimbatore, Tamilnadu, INDIA.
8. National workshop in "Advanced Techniques in Biotechnology" held on 26th -28th March 2005) at Holy Cross College, Nagercoil, Tamilnadu, INDIA.

CONFERENCES ATTENDED

1. International Conference Foods 2012 on 360° View of food ("Food web Global Connect") organized by School of food Sciences, M.O.P. Vaishnav College for Women. Chennai, INDIA.
2. A national Level Technical Symposium, Evogen on March 15th& 16th, 2012 by Dept., of Biotechnology, Karunya University, Coimbatore, INDIA.
3. International Symposium on Innovation in free radical Research and Experimental Therapeutics & 5th Annual Convention of Association of Biotechnology and Pharmacy. December 7-9, 2011. Department of Biotechnology, Karunya University, Coimbatore, Tamilnadu, INDIA.
4. National Conference on "Oxidative Stress and its Complication in Human Health (19th& 20th January 2011) Department of Biotechnology, School of Biotechnology and Health Sciences Karunya University, Coimbatore, Tamilnadu, INDIA.
5. National seminar on "Role of Immunomodulators in cancer Therapy" on 11th& 12th October, 2010. Organized by Dept., of Biotechnology, Karunya University, Coimbatore, Tamilnadu, INDIA.



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6. Entrepreneurship Awareness camp. On 25th & 27th February, 2010. Organized by Dept., of Biotechnology, Karunya University, Coimbatore, Tamilnadu, INDIA.
7. National seminar on new innovation in cancer research & Experimental Therapeutics, January 5th & 6th 2009. Organized by Department of Biotechnology, Karunya University, Coimbatore. Tamilnadu, INDIA.
8. Science day & Aqua – Terr Annual conference, March 10, 2007. Conducted by School of Biological sciences, Madurai Kamaraj University, Madurai. Tamilnadu, INDIA.
9. National Conference on frontiers in Biotechnology and molecular medicine, 17th & 18th February 2006. Organized by Noorul Islam college of arts and Science, Thuckalay, Tamilnadu, INDIA.
10. National symposium on Prospective trends in food processing sponsored by MFPI, held at Agricultural Engineering college & Research Institute Tamil Nadu Agricultural university, Coimbatore Tamilnadu, INDIA.

COMMUNITY SERVICES

- ★ Conducted a training program in “*Popularization of value added products from Oyster Mushrooms*” to promote self-employment among the educated youth of Dhaliyur village (Coimbatore), Tamilnadu (March 2011) INDIA.
- ★ Conducted a training program in “*Mushroom cultivation and value added products from Milky Mushrooms*” to promote self-employment among the educated women of Mundandurai village (Coimbatore), Tamilnadu (July 2013) INDIA.
- ★ Conducted a training program in “*Preservation, packing and marketing of cultivated Mushrooms*” to promote the self-employment among the educated youth in Semmedu, village (Coimbatore), Tamilnadu (November 2014) INDIA.

DECLARATION

I hereby declare that all the written particulars are true to the best of my knowledge and belief.

Date : 28/09/2021

Dr. G. Jawahar



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