

BIODATA



NAME	UMESH PANDURANG MOGLE
OFFICE ADDRESS	J.E.S., R. G. Bagdia Arts, S. B. Lakhotia Comm., and R. Bezonji Science College, Jalna, (M. S.) 431203 India
CORRESPONDENCE ADDRESS	Kaushalyaaie, 43, Priyanka Residency, Mantha Chaufulli, Jalna (M. S.) 431 203 India.
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E-MAIL ADDRESS	upmogle@gmail.com
WEBSITE	http://biosciencediscovery.com http://jbsd.in ,
DATE OF BIRTH	13-06-1977
CASTE	Yelam (OBC 333)
SEX	Male
MARTIAL STATUS	Married
NATIONALITY	Indian
LANGUAGES KNOWN	English, Hindi and Marathi

EDUCATIONAL QUALIFICATION

- Ph. D.** Topic- Productivity and biochemical studies of some terrestrial weeds. (Plant Pathology and Plant Physiology Interdisciplinary work) Degree Awarded by Dr. Babasaheb Ambedkar Marathwada University Aurangabad (07 May 2003).
- M. Sc.** Botany with specialization in Plant Pathology (68.76 %), Shivaji College Udgir, Swami Ramanand Teerth Marathwada University Nanded (1999).
- B. Sc.** With Chemistry, Botany Zoology, (60.18 %), from Rajarshi Shahu College, Latur. Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (1997)
- D.C.A.** Diploma of Computer Software Application (73.45 %), from Rajarshi Shahu College, Latur. Technology Center Mumbai.

MSCIT Completed the MSCIT course of studies and passed the examinations with 82 % marks (March, 2005).

RESEARCH EXPERIENCE: 18 Years

TEACHING EXPERIENCE: 18 Years

COMPUTER SKILLS

1. Operating system: Windows, Linux
2. Web Designing HTML and PHP, Web Launch
3. Text editor: Pages Maker, Coral Draw, Photoshop, MS-Office with Front Page, Microsoft Office Publisher, Adobe Dreamweaver, HTML Pages, PHP pages and XML editor.
4. Other Expertise in handling Internet resources related with Biological Sciences, fair Knowledge of formatting and installation of software and website builder and launcher.

Improvement of Professional Competence

1. Participated in workshop on Curriculum in Botany, organized by Dept. Of Botany, Vasantrya Naik Mahavidyalaya, Aurangabad, on 26th June, 2005.
2. Participated in workshop on "Plant Identification" Held in Dept. of Botany Dr. B. A. M. University Aurangabad, on 29th and 30th Sept. 2006.
3. Participated in workshop on Importance of Marathi words dictionary in science education, Sponsored by Commission of Scientific and Technical Terminology Ministry of human Resource Development, Govt. of India, held at MGM College Aurangabad, on 21st and 22nd Oct. 2010.
4. Participated in workshop of NSS Programme officer at Badrinarayan Barwale College, Jalna, on 13 Aug. 2007
5. Participated in workshop of NSS Programme officer at Moreshwar College, Bhokardan, on 13 Aug. 2008
6. Participated in workshop of NSS Programme officer at MSS College, Jalna, on 08 Sept. 2009.
7. Participated in workshop on Curriculum in Botany, organized by Dept. Of Botany, Vivekanand College, Aurangabad on 10th Sept, 2009.
8. Participated in two days workshop on Effective teacher, organized by MSS college Jalna and J. E. S. College Jalna, on 18th and 19th Aug. 2007.

Publications / Poster Presentations in Peer Journals / Conferences

1. Published **46 papers** in renowned scientific journals. (List Enclosed).
2. Prepared Notes on Diversity of Microbes and cryptogams for B.Sc. Students of Dr. B. A. M. University, Aurangabad.
3. Prepared Notes on Taxonomy of Angiosperms for B.Sc. Students of Dr. B. A. M. University, Aurangabad.
4. Prepared Notes on Plant Pathology for B.Sc. Students of Dr. B. A. M. University, Aurangabad.
5. Prepared Notes on Cytology and Genetics for B.Sc. Students of Dr. B. A. M. University, Aurangabad.
6. Presented **20 papers** in national/international conferences.
7. Attended **05 Conferences** Zonal/National/International Level.

RESEARCH AREA:

1. Antagonistic Effect of Fungi and Bacteria
2. Biological control
3. Biofertilizer
4. Soil health and mycoflora
5. Weed utilization and management
 - a) Biogas technology and solid waste management and its Mycoflora
 - b) Potential of Vermicomposting technology in solid waste management.

RESEARCH CONTRIBUTION:

1) RESEARCH PROJECTS ONGOING/COMPLETED UNDERTAKEN:

Sr. No.	Position	Funded by	Grant (Rs.)	Duration	Title
1.	Principal Investigator	UGC-New Delhi, India	85000.00	2 years (2007-2009)	Utilization of Municipal Solid Waste and Weeds for Biogas production.
2.	Principal Investigator	UGC-New Delhi, India	1,65,000.00	2 years (2010-2012)	Biological control of fungal Seedling diseases of Cowpea

2) RESEARCH GUIDE

Recognized Ph.D. supervisor in Botany, Dr. B. A. M. University, Aurnagabad. Three research students are working for their Ph.D. programme. One research students awarded M. Phil degree in 2009.

REFEREE ACTIVITY

1. Worked as referee for the Ph.D. of research Student at University of Mumbai.
2. Manonmaniam Sundaranar University, Tamilnadu
3. Editorial Board Member of Research Journal of Agricultural Sciences.

3) RESEARCH STUDENTS COMPLETED (THESIS/DISSERTATION/PROJECT)

M. Phil.

- 1) Effect of different hormones on multiple shoot induction in some medicinal plant
Shri: Prashant Sopanrao Telgad

Ph. D. working student (Registered)

Sr. No.	Name of the student registered under his / her guidance	Registered M.Phil ./ Ph.D.	Date of registration	Year of award of degree	Branch of Brief Title of Research	Remarks
1)	Smt. Parbhankar Rekha Lalchand	Ph. D.	July 2013	open	Impact of weed organic manure on Rhizosphere mycoflora and fungal diseases of Spinach	Ph. D. Degree Awarded
2)	Shri: Sayyed Innus Gaffar	Ph. D.	July 2012	open	"Studies on Some Fungal Diseases of Chilli and its Management"	Registration Confirmed
3)	Shri. Kapil Dasrao Bansode	Ph. D.	July 2013	SC	Integrated Management of Fungal diseases of Guava Fruits	Registration Confirmed
4)	Shri. Kalind Dashrath Wakle	Ph. D.	July 2013	SC	Studies on post-harvest diseases of Custard Apple	Registration Confirmed

					and its Management	
5)	Mr. Sangle Sandeep Gajanan	Ph. D.	July 2014	VJ	Studies on Management of Charcoal Rot of Soyabean [<i>Glycine Max</i> (L.) Merrill] Using Microorganism	Registration Confirmed
6)	MR. Pawan Laxmikant Deshmukh	Ph. D.	July 2014	Open	Etiology and biological management of fusarium root rot of lentil (<i>Lens culinaris</i> Medik.)	Registration Confirmed
7)	Mr. Shankar Chatrabhuj Mane	Ph. D.	Feb 2019	SBC	Studies on biofungicides in relation to the Rhizosphere mycoflora and fungal diseases of Linseed (<i>Linum usitatissimum</i> L.)	Registration Confirmed

Life Membership

1. Life member of Indian Phytopathological Society, New Delhi.
2. Life member of Society of Mycology and Plant Pathology. Udaipur.
3. Life member of Indian Society of Plant Pathologists, Ludhiana.
4. Life member of Research Journal of Agricultural Sciences, Kashmir.
5. Life member of Deccan Current Science.
6. Life and Executive Member of Marathwada Botanical Society. (M.B.S.).
7. Life member of Society for Upliftment of Rural Economy, Patna, Bihar

Administrative Experience

1. Professor from Aug 2019
2. Head Department of Botany Since 2003 to till date.
3. Coordinator, Dept. of Biotechnology and Microbiology (2005 onwards).
4. Coordinator, Environmental Science (2004 onwards)

5. Expert committee member DEAC (Minor Minerals) of the Govt. of Maharashtra India at Jalna District 2016 to till this date
6. Chief Editor of “**Bioscience Discovery**” a Journal of Life Sciences, Jalna (M.S.) India (website: www.biosciencediscovery.com).
7. Chief Editor of “**Science Research Reporter**” (Online + Print) International Journal of Science & Technology, Jalna (M.S.) India (website: <http://www.jsrr.net>).
8. Associate Editor of “**Journal of Agriculture Sciences**” Co-Office: USA, UK, GERMANY, INDIA
9. **Co-editor** of “**Gandhian thoughts**”, Quarterly Journal published by the Department of Gandhi Study Center, JES College Jalna.
10. Editorial Member of Research Journal of Agricultural Sciences, Kashmir.
11. Rector of the Boys hostel during the year 2004 to 2008.
12. NSS Programme officer.
13. Appointed as a 'District President' of the Marathwada Botanical Society.
14. D. CAS. Officer of examination, Dr. B. A. M. University during the year 2006-2009.
15. Chief Superintendent of examination, Dr. B. A. M. University on March/April 2005.
16. Under Study of examination, Dr. B. A. M. University during the year 2004-2006.
17. Chief Superintendent of examination, Dr. B. A. M. University on March/April 2011.

Organized

1. N.S.S. Camp organized during the Year 2007-2008, 2008-2009, 2009-2010, at Salegaon (Ghare), Gondegaon, and Somnath Jalgaon Tq Dist Jalna (MS).
2. Organized Blood Donation Camp at J. E. S. College Jalna, on 03/10/2008.
3. Organized Medicinal Plant exhibition in ‘39th Marathi Vigyan Adhiweshan’, at J. E. S. College, Jalna on 18-20 Dec. 2004

List of Research Papers presented in seminar / symposia / conferences etc.

1. Presented a paper entitled “Estimation of Biomass from the terrestrial Weeds” at state level conference on “Seed Technology 2000” held at JES College Jalna, on 2nd and 3rd Oct. 1999.

2. Presented a paper entitled "Utilization of Fresh Terrestrial Weeds for Biogas production" At National conference on Role of Plant Growth Regulators and Plant Biotechnology to Improve growth and Productivity of Plants, March 2-4, 2000, Department of Botany, University School of Sciences, Gujrat University, Ahmedabad.
3. Attended a state level conference on assessment of Environmental Pollution due to industrialization and organizations, 'Vasundhara 2000' organized by R. S. Mahavidyalaya, Latur, on 10th and 11th Feb, 2001.
4. Presented a paper entitled as "Utilization of organic manure to improve the quality of green vegetables" National conference on Frontiers in Biotechnological Aspects of Plant Sciences, held at Department of Botany, Dr. B. A. M. University Aurangabad.
5. Presented a Paper entitled "**Use of Biofertilizers to improve the quality of the crop plants**" in National level seminar on Plant Resource Development, organized by Dept. of Botany, Dr. B. A. M. University Aurangabad on Dec. 09, 2000.
6. Presented a paper entitled as "Utilization of weed deprotenized leaf juice for Biogas production" in National Conference on Plant Biotechnology for Indian Agriculture, Organized at Vasant Rao Naik Mahavidyalaya Aurangabad on 7th and 8th oct. 2001.
7. Presented a paper entitled as "Utilization of wet leaves for Biogas production" in State Level Seminar on Availability, Utilization and Protection of Plant Wealth, organized at Dept. of Botany, Dr. B. A. M. University Aurangabad, on 14th Dec. 2002.
8. Presented a paper entitled as "Studies on efficiency of tree leaves and their organic manures" in State level Seminar on Current Innovative Approaches in Plant Sciences, organized at Dept. of Botany, Dr. B. A. M. University Aurangabad, on 14th Dec. 2002.
9. Presented a paper entitled as "Utilization of Biowaste for biogas production" in National conference on Emerging Pollutants: Impact on Health Agriculture and Environment, organized at Dept. of Env. Science, Dr. B. A. M. University Aurangabad, on 29th to 31st Jan 2004.
10. Presented a paper entitled as "Organic manure an efficient and alternative source of chemical fertilizers" in National conference on Biotechnological Approches in Conservation, Utilization and Improvement of Plant Wealth, organized by Dept. of Botany, Yeshwant Mahavidyalaya, Nanded on 14th to 15th Feb 2004.
11. Organized a Medicinal plant exhibition on the occasion of 39th Marathi Vidgyan Adihveshan, at JES College, Jalna on 18 to 20 Dec 2004.

12. Participated in National conference on “Modern Trends in Plant Sciences” organized by Dept. of Botany, Dr. B. A. M. U. Aurangabad on 6th and 7th Oct 2007.
13. Presented a paper entitled as Enhancement of biogas production from MSW using inorganic Additives” in National conference on contribution of Biological Research to Humankind, organized by Dept. of Zoology J. E. S. College Jalna on 14th 15th 2007.
14. Workshop on “Jalna District NSS Programme officer Annual work and implementation” organized by Moreshwar College Bhokardan, Tq / Dist - Jalna on 13 Aug 2008.
15. Presented a paper entitled as “Influence of weed vermicompost on yield and physiological and mycological investigation of spinach” in recent trends in mycology plant pathology and microbial biotechnology’ organized by Dept. of Botany, Vinayakrao Patil college, Vaijapur 26 and 27th Sept 2008.
16. Presented a paper entitled as “Characterization of MSW in the Jalna city (MS) 2008” in the in National seminar on Recent trends in plant sciences, organized by Dept. of Botany Milind College of Science Aurangabad on 26th 27th Dec. 2008.
17. Organized Blood Donation Camp at J. E. S. College Jalna on 03/10/2008
18. Presented a paper entitled as Effect of some leaf extract against Anthracnose diseases of Tomato, state level seminar on “Sources and applications of phytochemicals” organized by dept. of Botany, Dr. B. A. M. University, Aurangabd on 27 Oct. 2009
19. Organized Blood Donation Camp at J. E. S. College, Jalna on 03/10/2009.
20. Presented a research paper entitled as In Silico prediction of *mycobacterium tuberculosis* vaccine candidates, organized by L. B. S. College, partur, on 07th and 8th Sept. 2012.
21. Presented a research paper entitled as, Estimation of terrestrial weed biomass for the production of organic manure. organized by Vasnt Arts, Commerce and Science College, Kaij, Dist Beed (MS) India, on 23 Dec. 2017.
22. Presented a research paper entitled as, Effect of weed green manure & compost manure on Productivity of Spinach. organized by Shri Balaji Sansthan Deulgaon Raja’s Shri Vyankatesh Arts, Commerce & Science College Deulgaon Raja, Dist. Buldana (MS), PIN – 443204, 24 Dec. 2017.

International Conferences

1. Presented a paper entitled as “New Strategies in *Parthenium* utilization and its management” In 2nd International Conference on *Parthenium* Management, Organized by University Of Agricultural Sciences, Bangalore. On Dec. 5-7th 2005.
2. Presented a Research paper entitled as Efficacy of Biofertilizer and plant extract against Anthracnose diseases of tomato, International Seminar of The New Horizons of Botany, Organized Dept. of Botany, Shivaji University Kolhapur on 10th and 12th Nov. 2012.
3. Presented a Research paper entitled as Efficacy of Effect of chemical fertilizer on Rhizosphere mycoflora of spinach, International Seminar on climate resilient crops for feeding the future, Organized Dept. of Life sciences, SRTMU Nanded on 11th and 12th Dec. 2017.

REGIONAL WORKSHOP / CONFERENCES

1. Presented a paper entitled as “Utilization of DPJ for Biogas production” in Regional Level Conference on Botany in Agriculture and Rural Development, organized at Lal Bahadur Shastri Mahavidyalaya Dharmabad Dist – Nanded, on 20th & 21st Jan 2001.
2. Attended a regional workshop on revised syllabus of B. Sc. Botany, organized by Dept. of Botany, V. Arts S. D. Comm. And Science College Aurangabad, on 10 Dec. 2009.
3. Attended a workshop of NSS programme officer organized by MSS college Jalna, on 08/09/2009.
4. Participated a workshop of Scientific and Technical Terminology Marathi word, organized by MGM College, Aurangabad and funded by MRDA New Delhi on 21 to 22 Oct. 2010.

Book Published

1. **Umesh P. Mogle (July 2013).** Weed Biomass and Bioenergy, RUT Printer and Publisher, Jalna ISBN: 978-81-924376-1-3.
2. **Umesh P. Mogle (Jan. 2013).** Cryptogamic Botany Volume - I. RUT Printer and Publisher, Jalna. ISBN: 978-81-924376-3-7.
3. **M. P. Kulthe, N. G., Kashid and U. P. Mogle (Feb. 2015).** Problems in Genetics, RUT Printer and Publisher, Jalna. ISBN: 978-93-84663-02-5.
4. **Umesh P. Mogle (Sept. 2016).** Cryptogamic Botany Volume - II. RUT Printer and Publisher, Jalna. ISBN: 978-9384663-11-7.

5. **Umesh P. Mogle (Aug. 2017).** Taxonomy of Angiosperms. RUT Printer and Publisher, Jalna. ISBN: 978-9384663-15-5.
6. **Umesh P. Mogle (Nov. 2017).** A Text book of Practical Botany Vol - I. RUT Printer and Publisher, Jalna. ISBN: 978-93-84663-22-3.
7. **Umesh P. Mogle (April 2018).** Key of Angiosperm families. RUT Printer and Publisher, Jalna. ISBN: 978-9384663-27-8.
8. **Umesh P. Mogle (Sept. 2018).** A Text book of Plant Pathology. RUT Printer and Publisher, Jalna. ISBN: 978-93-84663-29-2.
9. **Umesh P. Mogle (March 2018).** A Text book of Practical Botany Vol - III. RUT Printer and Publisher, Jalna. ISBN: 978-93-84663-24-7.

Chapter in Book

1. **Umesh P. Mogle and G. B. kulkarni (2012)** Vikas, *Fire Disaster: Planning and Management*, RUT printer & Publisher, 6pp.65-70, ISBN: 978-81-924376-0-6
2. **G. B. kulkarni and Umesh P. Mogle (2012).** Vikas, *Role of Molecular Marker in Advance Biotechnology*, pp. 77-84, ISBN: 978-81-924376-0-6.
3. **Umesh P. Mogle (2013)** Father of Green Revolution in Maharashtra (Vasantrao Naik) Vikas, pp. 75 RUT Printer and Publisher, Jalna, , ISBN: 978-81-924376-2-0.
4. **Umesh P. Mogle (2014).** Impact of weed green manure on nutrient content and yield of Maize pp. 105-111. Edited book: *Water pollution and solid waste management for Natural resources conservation*. Thematic Publications Pvt. Ltd. Latur 413512 (MS) India. ISBN: 978-93-83192-47-2.
5. **Umesh P. Mogle (2013).** Green leafy vegetable source for the physical health and mental development of vegetarian sportsmen pp. 58-63 , *Inter- disciplinary Approaches in Physical Education and sports; 18-19 Oct. 2013* RUT Printer and Publisher, Jalna, ISBN: 978-81-924376-8-2.
6. **Umesh P. Mogle and D. S. Arjune (2014).** Effects of Climate change on fungal diseases of crops. *Arthvichar* pp. 20-24. Thematic Publications Pvt. Ltd. Latur 413512 (MS) India. ISBN: 978-93-83192-39-07.
7. **Umesh P. Mogle (2017)** Estimation of terrestrial weed biomass for the production of organic manure. Recent Trends in Life Sciences for sustainable development. pp. 135-142. Educational Publishers and distributors, Aurangabad. ISBN: 9789380876115.

RESEARCH PAPERS PUBLISHED IN JOURNALS

1. **Umesh P. Mogle, D. R. Chamle and Bharati Jadhav (2005)**, Effect of green manure on rhizosphere mycoflora of maize, *J. Bioinfolet*, 2 (1): 49-51.
2. **D. R. Chamle, Umesh P. Mogle, and Bharati Jadhav (2005)**, Growth Response of maize cultivated on different manures of *Crotalaria* Proceedings of 'National conference in Plant Sciences' Organized by Padmashri Vikhe Patil Coll. Of Art's Commerce and Science, Pravaranagar, March 10-12, 93-95.
3. **Umesh P. Mogle and Bharati Jadhav (2006)**, Weed Biomass – An Alternative way for Biogas Production, *J. Ecology, Environment and Conservation*, 12 (4): 633-636.
4. **D. R. Chamle, Umesh P. Mogle, and Bharati Jadhav (2006)**, Effect of vermicompost on chlorophyll content and leaf area with yield of Maize, *J. of Geobios*, 33 (4):334-336. **IF 1.203**
5. **D. R. Chamle, Umesh P. Mogle, and Bharati Jadhav, (2006)** Effect of *Crotalaria* weed manures on rhizosphere mycoflora of *Maize*, *J. of Ecobiology*, 21(1)83-86
6. **Umesh P. Mogle and Bharati Jadhav (2007)**, Utilization of weed biomass for the production biogas, under mesophilic conditions, *J. Ecotoxicology & Environmental Monitoring*, 17 (1): 21-25.
7. **Umesh P. Mogle and Bharati Jadhav (2007)** Interactive effect of weed vermicompost on yield and physiological and mycological investigations of maize. *Asian J. of Microbiology, Biotechnology and Environmental Sciences*, 9(1): 63-66
8. **Umesh P. Mogle (2007)**, Relevance of Gandhian thoughts with environmental issues, *J. Satyanweshan* 2: 14- 19
9. **Umesh P. Mogle (2008)**, Enhancement of biogas production from solid substrates using different additives, *J. Bioinfolet*, 5 (2): 150- 152.

10. **U. P. Mogle, R. Y. Mane and M. P. Kulthe, (2009)** Studies on Rhizosphere mycoflora of Tomato in relation to Biofertilizer and Benomyl *J. of Bionano* 3 (1): 126-129
11. **Umesh P. Mogle (2010)** Utilization of MSW and Inorganic additives on production of biogas in mesophilic conditions, *Deccan current science* 3 (1): 32-39.
12. **Umesh P. Mogle, R. Y. Mane and Datta R. Chamle (2010)** Biogas Biotechnology: An Expert system form Municipal Solid waste manegment Proceeding of National Conference on "Biodiversity, sustainable development and human welfare" held on 10 January, 2009, at S.S.V.P. Sanstha's L.K.Dr.P.R. Ghogrey Science College Department of Botany Dhule-424005, Maharashtra.
13. **Umesh P. Mogle and R. Y. Mane (2010)** Antagonistic effect of biofertilizers against seed born mycoflora of tomato. *Res. J. Agri. Sci.* 1 (3): 255-258.
14. **R. Y. Mane and U. P. Mogle (2010)** Combining ability of biofertilizer and poultry manure on tomato crop. *Geobios.* 37 (4): 269-272. **IF 1.203**
15. **Umesh P. Mogle (2011)** Efficacy of Biofertilizer and Plant extract against anthracnose diseases of Tomato. *Biosci. Disc.* 2(1):104-108.
16. **D.R. Chamle, D.A. Dhale and U.P. Mogle (2011)** Effect of Parthenium weed manures on rhizosphere mycoflora of maize. *Curr. Bot.* 2(4): 31-33.
17. **U. P. Mogle and D. R. Chamle (2011)** Evaluation of Biofertilizers and *Parthenium* Vermicompost on Tomato Crop. *J. of Ecobiotechnology* 2011, 3(2): 11-13.
18. **Pratap Naikwade, Umesh Mogle and Bharati Jadhav (2011)** Improving total chlorophyll, ascorbic acid and β carotene in Spinach by applying weed manure. *Biosci. Disc.* 2(2): 251-255.
19. **Pratap Naikwade, Umesh Mogle and Bharati Jadhav (2011)** Comparative study of aerobic and anaerobic composts prepared from autumn leaves on *Zea mays* L. *Sci. Res. Repot.* 1(2): 77-82.
20. **Naikwade Pratap, Umesh Mogle and Jadhav Bharati (2011)** Effect of *Ipomoea* Weed Manures on Quality of Fodder Crop Maize. *Res. J. Agri. Sci.* 2 (4): 927-930.
21. **Ganesh B. Kulkarni and Umesh P. Mogle (2011)** Characterization and Evaluation of Horse Gram [(*Macrotyloma uniflorum* (Lam) Verdcourt Genotypes. *Sci. Res. Repot.* 1 (3):122-125.

22. **Dhale D A and U P Mogle (2011)** Phytochemical Screening and Antibacterial Activity of *Phyllanthus emblica* (L.). *Sci. Res. Repot.* **1** (3):138-143.
23. **Naikwade Pratap, Umesh Mogle and Jadhav Bharati (2012)** Preservation of fenugreek by using Improved traditional techniques. *Biosci. Disc.* **3**(1):82-86.
24. **Pratap Naikwade, Umesh Mogle and Sagar Sankpal (2012)** Phyloplane mycoflora associated with Mangrove plant *Ceriops tagal* (Perr.) *Sci. Res. Rep.* **2**(1):85-87.
25. **Umesh P. Mogle and Sanjay R. Maske (2012)** Effect of some plant extract against seed borne infection of *Collectotrichum destructivum* on *Vigna unguiculata* L. *Biosci. Disc.* **3**(2):266-269.
26. **Umesh P. Mogle and Sanjay R. Maske (2012).** Efficacy of Bioagents and Fungicides on seed mycoflora, germination and vigour Index of Cowpea. *Sci. Res. Rep.* **2**(3):321 – 326.
27. **Mukund Kulthe, U P Mogle and N G Kashid (2013).** Study of mutagenic efficiency of NMU in Winged bean (*Psophocarpus tetragonolobus* (L) DC.). *Biosci. Disc.* **4**(1):121-123.
28. **Umesh P Mogle, Pratap V Naikwade and Sandeep D Patil (2013).** Residual effect of organic manure on growth and yield of *Vigna unguiculata* (L) Walp and *Lablab purpureus* L. *Sci. Res. Rep.* **3**(2):135 – 141.
29. **Ganesh B. Kulkarni and Umesh P. Mogle (2013)** Effects of mutagen on chlorophyll mutation in horse gram (*Macrotyloma uniflorum* (Lam) Verdcourt]. *Biosci. Disc.* **4**(2):214-219.
30. **Umesh P. Mogle (2013).** Efficacy of leaf extracts against the post harvest fungal pathogens of Cowpea. *Deccan Current Science*, **9**(2):267-271.
31. **Sanjay R. Maske and Umesh P. Mogle (2013).** Determination of seed borne mycoflora of Cowpea (*Vigna unguiculata* (L.) Walp.). *Deccan Current Science*, **9**(2): 257 - 261.
32. **Umesh P. Mogle (2013).** Effect of medicinal plant extracts against the post-harvest Fungal pathogens of cowpea legumes. *Trends in Life Sciences*, **2**(4):22-27.
33. **Umesh P. Mogle (2014).** Efficacy of weed vermicompost and chemical fertilizer on yield, morpho-physiological and biochemical investigations of Maize. *Int. Res. J. of Science & Engineering*, **2**(1):19-22.
34. **Sanjay R. Maske and Umesh P. Mogle (2014).** Effect of Allelopathic leaf extract of some selected weed on seed germination and seedling growth of Cowpea (*Vigna unguiculata* (L.) Walp.). *Journal of Basic and Applied Sciences*, **10**(special):166-172.

35. **Umesh P. Mogle (2014)**. Effect of Green manuring of *Parthenium hysterophorus* on some soil borne pathogens. *Journal of Basic and Applied Sciences*, **10**(special):194-198.
36. **Umesh P. Mogle (2014)**. Effect of weed compost, dry plant powder and green manure on productivity of Spinach. *Indian Journal of Advances in Plant Research (IJAPR)*. Vol.1 (5):42-48.
37. **Umesh P. Mogle (2014)**. Influence of Weed Green Manure on Production and Nutrient Content of Maize Cultivar. *Journal of AgriSearch*, 1(4): 210-215.
38. **Umesh P. Mogle (2014)**. Estimation of terrestrial weed biomass and biochemical contents of some terrestrial weeds. *Indian Journal of Advances in Plant Research (IJAPR)*, 1 (7):27-35.
39. **Parbhankar R L and Umesh P. Mogle (2017)**. Diversity of Rhizosphere fungal Mycoflora of Spinach. *Journal of AgriSearch*, 4(3): 215-218. **UGC Approved Journal No. 44554.**
40. **Parbhankar R L and Umesh P. Mogle (2017)**. Effect of weed green manure, compost manure and vermicompost on productivity of Spinach. *Int. J. of Life Sciences*, **5**(3): 447-450. **UGC Approved Journal No. 48951**
41. **Parbhankar R L and Umesh P. Mogle (2017)**. Effect of weed green manure on Rhizosphere mycoflora of Spinach. *Hort Flora Research Spectrum*, **6**(4):296-299. **UGC Approved Journal No. 45792**
42. **Parbhankar R L and Umesh P. Mogle (2017)**. Effect of weed green manure and compost manure on Productivity of Spinach. Printing Area, Dec. 2017 special issue, pp 60-62. **UGC Approved Journal No. 43053**
43. **Parbhankar R L and Umesh P. Mogle (2017)**. Residual effect of weed organic manure on growth and productivity of Spinach. *Life Science Bulletin*, 14 (2):265-267.
44. **Pawan L. Deshmukh and Umesh P. Mogle (2019)** qDOI: 10.15740/HAS/IJPS/14.1/19-24.

Place: Jalna

Signature

Dr. Umesh P. Mogle

Associate Prof. and

Head Dept. Of Botany,
JES College, Jalna.