

Biodata

| | |
|---|---|
| Name: Dr. Tupe Megha Panditrao |  |
| Department: Botany | |
| Designation: Assistant Professor | |
| Qualification: M.Sc. B.Ed. Ph.D. | |
| Specialization: Cytogenetics and Plant Tissue Culture. | |
| Email id: meghatupe6@gmail.com | |
| Contact number: 9420401344 | |
| Teaching experience : 15 yrs | |
| | |
| Research interests: | Cytogenetics Plant Tissue Culture. |
| Number of research articles published: | 03 |
| Number of books / book chapters/ conference proceedings published: | 04 |
| Number of papers presented in seminars / conferences | 04 |
| Number of minor research projects completed / ongoing | 01 |
| Awards and Achievements: | Rajiv Gandhi National Fellowship for research |

• **Details of research articles published:**

| Sr. No | Title of research paper | Year of publication | Authors | Journal | National / international | UGC Listed / Peer reviewed | Impact factor |
|---------------|---|----------------------------|---------------------------------|---|---------------------------------|-----------------------------------|----------------------|
| 1. | In vitro propagation of ayurvedic important plant <i>Tinospora cordifolia</i> (Willd.) Miers. | (2015) | Megha Tupe and Narayan Pandhure | International Journal of Recent Trends in Science and Technology (15)1, pp: 62-64 | International | Peer reviewed | 78.34 |
| 2. | <i>In Vitro</i> Callus Induction in Medicinal Plant <i>Aerva lanata</i> (L.) Juss.ex Schult | (2015) | Tupe M.P. and Pandhure N.B. | Global Journal For Research Analysis (4)6-PP:123-124 | National | Peer reviewed | 5.956 |
| 3. | Comparison of iodine values between cold pressed oil and refined edible oil | (2022). | Megha Tupe and Megha Shewale | International Journal of Creative Research Thoughts (10)2 pp-496-501 | International | Peer reviewed | 7.97 |

• **Details of articles published in conference proceedings: 04**

| Sr. No. | Title of article | Authors | Name of conference | Organizer | ISSN | Publisher |
|----------------|--|---|--|--------------------------------------|------------------------|------------------------------------|
| 1. | In vitro micro propagation of <i>Kydia calycina</i> roxb. | Megha Tupe and Amrapali Bhagat | National conference on current challenges and future scope in life science | Shivchhatr apati college, Aurangabad | ISBN 978-93-86751-22-5 | Educational Publishers, Aurangabad |
| 2. | Determination of Iodine number and Saponification value of Sesame oil. | Megha Tupe | National conference on current challenges and future scope in life science | Shivchhatr apati college, Aurangabad | ISBN 978-93-86751-22-5 | Educational Publishers, Aurangabad |
| 3. | Comparative maceration studies in <i>Capparis deciduas</i> (Forssk)Ed ge | A.P. Bhagat, Bhuktar A.S. and Tupe M.P. | National conference on current challenges and future scope in life science | Shivchhatr apati college, Aurangabad | ISBN 978-93-86751-22-5 | Educational Publishers, Aurangabad |

| | | | | | | |
|----|---|------------|--|-------------------------------------|------------------------|------------------------------------|
| | w. And Cappariszeylanica L. | | | | | |
| 4. | <i>Bacopa monnieri</i> (Bramhi): A review on phytochemical constituents and pharmacological activities of the plant | Megha Tupe | Conference proceeding of Evolving era of life sciences | Shivchhatrapati college, Aurangabad | ISBN 978-93-86751-22-5 | Educational Publishers, Aurangabad |

• **Details of papers presented in seminars / conferences:**

| Sr. No. | Title of paper | Authors | Name of conference | Organizer | Date |
|---------|--|------------|--|---|------------------|
| 1. | Micropropagational studies in <i>Aerva lanata</i> L. | Megha Tupe | Recent advances in biotechnology for sustainable development of agriculture | Dept of Botany, Dr.BAMU, ABAD | 30 & 31 Jan 2013 |
| 2. | In vitro propagation in <i>Kydia calycina</i> Roxb. | Megha Tupe | Current Scenario of Biodiversity in India | Dept of Botany, Dr.BAMU,ABAD | 27 & 28 Dec.2013 |
| 3. | In vitro regeneration of medicinal plant <i>Aerva lanata</i> (L.) Juss Ex. Shult. | Megha Tupe | Pre science Congress 2014 conference on Science and Technology for Human Denelopment organized by ISCA- Aurangabad Chapter | Dept of Botany, Dr.BAMU,ABAD | 30 & 31 Dec 2014 |
| 4. | In vitro multiplication of <i>Tinospora cordifolia</i> (Willd.) Hook.f. and Thoms.(poster presented) | Megha Tupe | International conference on Recent trends and challenges in science and technology | Pravar Rural Education Society's Padmashri Vikhe Patil College of Arts, Science and Comm, Pravaranagar, Loni, Tal Rahata, Dist. Ahmednagar, MS, India | 20-22 Aug 2014 |
| 5. | Determination of Iodine number and Sapoification value of Sesame oil. | Megha Tupe | National conference on current challenges and future scope in life science | Shivchhatrapati college, Aurangabad | 25 Feb 2023 |

- **Details of minor research projects completed / ongoing:**

| Sr. No. | Title of project | Duration amount sanctioned | Awarding agency |
|----------------|---|-----------------------------------|--------------------------------------|
| 1. | Comparative studies in cold pressed oil and refined oil of different oil crops. | 1 Year (15,000) | Shivchhatrapati College, Aurangabad. |