

Personal Profile

DR. (SMT). CHAITRA B. NEGALUR

Assistant Professor

Department of Botany

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Education Details:

Sl. No.	Exam Passed	Board/ University	Year of Passing
1	Ph.D.	Karnataka University, Dharwad.	2017
2	M.Phil	Karnataka University, Dharwad.	2010
3	MA/M.Sc.	Karnataka University, Dharwad.	2008

Computer Literacy: Basic Computer Application

Teaching Experience: 07 years

Sl.No.	Institution	Year From	Year To	No. of Years
1.	K.L.E's S.K.Arts and H.S.K Institute, Hubballi.	08-06-2019	Till update	2 years
2.	In Dept of Botany, J.S.S. College, Dharwad. Temporary substitute Lecturer for UG (Appointed in place of Teacher fellow deputed for completion of Ph.D under FIP scheme of UGC during XI plan.)	08.08.2009	31.10.2010	1&1/2 Year
2.	Karnataka Science College, Dharwad	2018	2019	1year

Members of Professional Bodies:

Sl.N o	Designation	Year
1.	E-Attestation officer	2020-21
2.	Worked as Placement Coordinator, 'Rubicon-connect with work' Training program for B.A/B.Sc students	11/08/2021 to 21/08/2020, 2020
3.	Online Poster Presentation Competition on "International Year of Plant Health - 2020"	8 Jan 2021
4.	Worked as Convenor in One Day State Level Seminar Competition on "Plant- Animal Interaction"	14 July 2020
5.	Worked as Organizing Committee Member in Online Awareness Programme on "Keep the Soil Alive and Protect soil Biodiversity"	5 th Dec 2020.
6.	Worked as Members in State Level Student Seminar Competition on 'Impact of Climate Change on Biodiversity'	22.02.2020.
7.	Worked as Judge Committee member in Botanical Association Programme "Waste not, the Waste"	9 th Jan 2020.
8.	Worked as Placement officer for the program "Career Avenues and Skills for the Employability"	29/08/2019, 2019-20

Awards and Recognitions:

RAJIV GANDHI NATIONAL FELLOWSHIP FOR ST by UNIVERSITY GRANT COMMISSION (UGC) from 2011-2016.

Orientation/Refresher Course

1. **Dr. (Smt). Chaitra B. Negalur** successfully completed a 4-Week Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" from June 04 - July 01, 2020 and obtained grade A+ from Ministry of Human Resource Development Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching.
2. **SWAYAM NPTEL- 4-Weeks Faculty Development Programme on "Plant Developmental Biology"**, NPTEL Online Certification Course Sep-October 2020.

FDP Attended:

1. **Dr. (Smt). Chaitra B. Negalur** successfully completed FDP course on "Moodle" under PMMMNMTT in association with Spoken Tutorial IIT, Bombay from 4th to 10th Sep 2020.
2. **Dr. (Smt). Chaitra B. Negalur** has successfully participated in the "INTERNATIONAL DAY FOR BIOLOGICAL DIVERSITY - 2020" Organized by Department of Botany, Bon Secours College for Women, Thanjavur on 23 May 2020
3. **Dr. (Smt). Chaitra B. Negalur** has successfully participated in international Webinar on "Plant-derived smoke compound as bio-stimulants and their application in crops" organised by the Botany Department, KLE Society's Science & Commerce College, Kalamboli, Navi Mumbai, India
4. **Dr. (Smt). Chaitra B. Negalur** successfully completed National level one week Short term Course on "Plant Taxonomy" from department of Botany, Nizam college, osmania university, Hyderabad from 3rd to 8th Aug 2020.
5. **Dr. (Smt). Chaitra B. Negalur** successfully completed one day workshop on "Enrichment through Swayam- NPTEL" organized by IQAC & Department of English, SK Arts & HSK Science, Institute, Hubballi on 17th Sep 2020.
6. **Dr. (Smt). Chaitra B. Negalur** successfully participated and successfully completed the One Day National Level Virtual Conference on "Human Interference on Environment" held on 5th June 2020 on the occasion of world environment day jointly organised by the departments of Botany, Zoology, Chemistry & Mathematics and took the pledge to protect the environment on this event.
7. **Dr.(Smt). Chaitra B. Negalur** successfully participated in the National Level Webinar on "Mathematics is Everywhere" organized by the Department of Mathematics, S.K. Arts College and H.S.K. Science Institute, Hubballi held on

12th May 2020.

8. **Dr.(Smt). Chaitra B. Negalur** successfully participated in One Day National Webinar on “COVID 19 Pandemic from Chemistry’s Perspectives” jointly organized by Department of Chemistry & Internal Quality Assurance Cell, Mahatma Phule Arts, Science & Commerce College, Panvel, Dist.- Raigad on Friday 22nd May 2020.
9. **Dr.(Smt). Chaitra B. Negalur** successfully participated in One Day National Webinar on “New Education Policy-2020” organized by Department of Economics Studies & Planning, Central University of Karnataka in Collaboration with KLE’s Society, S.K. Arts College and H.S.K. Science Institute, Hubballi held on 12th May 2020.
10. **Dr. (Smt). Chaitra B. Negalur** has successfully participated in the Online National Conference on “COVID-19: CHALLENGES and BEST PRACTICES” organized on 10th June, 2020.
11. **Dr. (Smt). Chaitra B. Negalur** has participated in a Two Day National Webinar on NAAC Standard Operating Procedures and Documentation organized by IQAC of Devchand College, Arjunnagar on 28 and 29 June 2020.
12. **Dr. (Smt). Chaitra B. Negalur** has participated in “Spitting Skills” Campaign during April-May 2020 to prevent the spread of COVID-19.

Research Interests:

- Developmental Biology of Plants
- Biotechnology

Research Experience: 07 years

Publications in Journals:

01. Selection of Suitable Arbuscular Mycorrhizal Fungus for their Symbiotic Efficiency in Cultivar G-4 of *Capsicum annum L.* **Chaitra B. Negalur***, Jyoti Puttaradder & H.C. Lakshman. *Indian Journal of Pure & Applied Biosciences* . **2021**. 9(1):150-156.
02. Total Phenolic, Flavonoids, Tannin content and antioxidant activity of organic extract of vegetable and flowering stages of *Mecardonia procumbens* (MILL.) SWALL. **Chaitra B. Negalur***, Ashwini M. Gajakosh. *Asian Journal of Pharmaceutical and Clinical Research*. **2021**. 14(9): 84-86
03. Effect of Sucrose and Boric acid on *in-vitro* pollen Germination of *Guaiacum officinale L.* **Chaitra B. Negalur*** and H.C. Lakshman *International Journal of Current research*. **2017**. 9(2): 46490-46493.

04. Distribution of Insoluble polysaccharides in the anthers of *Guaiacum officinale* L. during Microsporogenesis - An endangered plant. **Chaitra B. Negalur*** and H.C Lakshman. *International Journal of Pharma and Bio Sciences*. **2016**. 7(2): 194-203.
05. Histochemical studies on male gametophyte of *Adansonia digitata* Linn.: An endangered species of Karnataka, India. **Chaitra B. Negalur***. *Annals of Plant Sciences*. **2016**. 5(1): 1248-1253.
06. Ontogeny and Histochemistry of anther development in *Russelia equisetiformis* L. Schlecht & Chan. S.N. Agadi and **Chaitra B. Negalur**. *Acta Biologica Indica*. **2014**. 3(1): 494-498.
07. Response of *Clitoria ternatae* L. to AM Fungi, Rhizobium and Molybdenum sources. Jyoti Puttaradder*, H.C. Lakshman, **Chaitra B. Negalur** and M.N. Srineeva. *Journal of Theoretical and Experimental Biology*. **2015**. 11(3-4): 79-83.
08. The Impact of Carrier Materials and Mycorrhizal *Cassia nodosa* Roxb. **Chaitra B. Negalur*** and H.C Lakshman. *Journal of Theoretical and Experimental Biology*. **2016**. 11(3-4): 85-89.
09. Selection of suitable AM fungi for wheat (*Triticum sativum*) Lam. Cass. To improve plant Growth, biomass yield and N, P uptake. **Chaitra B. Negalur*** and H.C. Lakshman. *International Journal of Research in Engineering and Applied Science*. **2016**. 6(2): 1-7.
10. Effect of AM fungi and Biomass yield, N, P uptake in *Acacia nilotica* (L.) wild. **Chaitra B. Negalur***, H.C Lakshman and Suresh B. Gadi. *Science Research Reporter*. **2016**. 6(1): 22-27.
11. Effect of Mycorrhiza of *Rhizophagus fasciculatus* on *Basella rubra* L. As soilless cultivation. **Chaitra B. Negalur***, Suresh B. Gadi and H.C Lakshman. **2016**. *Science Research Reporter*. 6(1): 58-62.
12. Interaction between AMF (*Glomus geosporum*) *Rhizobium*, *Azospirillum* and their influence on growth and P, N, uptake in three Legumes. **Chaitra B. Negalur*** and H.C Lakshman. *Science Research Reporter*. **2016**. 6(1): 68-74.
13. Effect of AM Fungus (*Rhizophagus fasciculatus*) on three legume crop plants to improve chlorophyll and nutrients uptake. **Chaitra B. Negalur***, Suresh B. Gadi and H.C Lakshman *Science Research Reporter*. **2016**. 6(1): 44-49.
14. Effect of Streptomyces with four different AM fungi *Sorghum vulgare* Pers. *Science Research Reporter*. **Chaitra B. Negalur***, H.C Lakshman and M. N. Srinivasa. **2016**. 6(1): 80-85.
15. Effect of AM Fungus and Carrier materials on Biomass yield and P uptake on *Artocarpus hetrophyllus* Lam. H.C Lakshman* and **Chaitra B. Negalur**. **2016**.

- International Journal of Research in Engineering and Applied Sciences*. 6(2): 8-12.
16. "Effect of phosphate solubilizing bacteria and Arbuscular mycorrhizal fungi with and without rock phosphate on four forest tree seedlings". Sharanappa Jangandi, **Chaitra B. Negalur***, Narayan J and H.C. Lakshman. *International Journal of Bioassays*. **2017**. 6(1): 5204-5207.
 17. Synergistic Effect between Phosphate Solubilizing Bacteria and Vesicular-Arbuscular Mycorrhizal Fungi on Growth and P Uptake in *Cajanus cajana* L. (Pigeon pea). Sharanappa Jangandi, Narayan J, **Chaitra B. Negalur*** and H.C Lakshman. *International Journal of Bioassay*. **2017**. 6(1): 5211-5213.
 18. Effect of AM fungus, *Rhizobium* and rock phosphate application on growth and biomass yield of *Mirabilis jalapa* L. Sharanappa Jangandi, **Chaitra B. Negalur** and H.C Lakshman. *International Journal of current Research*. **2017**. 2(9): 129-136.
 19. Effect of AM Fungi with Additional Phosphate to Improve Plant Growth Biomass Yield and P-Uptake in *Melia azadirachta* L. (Gaeortner.) Roxb. Sharanappa Jangandi, Narayan J, H.C Lakshman and **Chaitra B. Negalur***. *Research journal of Life science, Bioinformatics, Pharmaceuticals and Chemical science*. **2017**. 2(5):84-93.
 20. Influence of AM Fungus *Glomus geosporum* (Nicol. Gerd.) Walker on Chlorophyll content and biochemical changes in four AMF disputed plants. Sharanappa Jangandi, Narayan, H.C. Lakshman and **Chaitra B. Negalur***. *Annals of Plant Sciences*. **2017**. 6(1): 1527-1530.

Publications in conference Proceedings:

1. Interaction Studies between Different AM Fungi and PSB on growth, Chlorophyll and Lipid content of *Helianthus annuus* L. In: Proceedings of the International Conference on "Green Technologies for Sustainable Ecosystems (Icgtse-16) & trade show". At St. Joseph's College (Autonomous), Bengaluru on Feb 26th -27th. **Chaitra B. Negalur** and H.C. Lakshman. 2016. **ISSN: 2321-0524**
2. Presented a paper entitled "Water Resources: Its Pollution, Consequences and Possible Remedies to Reduce Water Pollution in two days UGC sponsored National Conference on "Threats of Climate Change on Global water, food and Economy." Organized by Department of Botany, KLES's J.T. College, Gadag, on 3rd and 4th March 2017. **ISBN: 9789351246723**

3. Response of Sunflower (*Helianthus annuus* L.) Var. Kbsb 42 to different zinc concentration with AM fungus (*Glomus geosporum*). In Proceedings of the UGC sponsored National Conference on “Threats of Climate Change on Global water, food and Economy” Organized by Department of Botany, KLES’s J.T. College, Gadag, on 3rd and 4th March. **Chaitra B. Negalur**, H.C. Lakshman and Jyoti. Puttaradder. **2017. ISBN:9789351246723**
4. Threats to biodiversity and possible conservation strategies. In Proceedings of the UGC sponsored National Conference on “Threats of Climate Change on Global water, food and Economy” Organized by Department of Botany, KLES’s J.T. College, Gadag, on 3rd and 4th March 2017. H.C. Lakshman, **Chaitra B. Negalur**, S.J. Hiremath, K.H. Waddar and Jyoti. Puttaradder. 2017. **ISBN:9789351246723**
5. Oil Yielding Plants and their Economic Status in India. In Proceedings of the UGC sponsored National Conference on “Threats of Climate Change on Global water, food and Economy” Organized by Department of Botany, KLES’s J.T. College, Gadag, on 3rd and 4th March 2017. H.C. Lakshman, S.J. Hiremath, K. H. Waddar, **Chaitra B. Negalur** and Jyoti Puttaradder 2017. **ISBN:9789351246723**

Oral/Poster Papers presented at various International/National conferences, seminars, workshops:

1. **Oral Presentation:** Distribution of Insoluble Polysaccharides in the Anthers of *Adansonia digitata* Linn. **Chaitra B. Negalur** and H.C. Lakshman, UGC Sponsored one day **National** Webinar on “Role of Biodiversity in 21st Century”. held at Department of Botany, Karnatak Science College, Dharwad on 7th Dec 2020.
2. **Paper Presentation:** Anther development and Histochemistry in *Adansonia digitata* Linn. **Chaitra B. Negalur** and H.C. Lakshman, Three days **International Conference** on “Advances in Bioscience and Technology: Impact on Plant, Animal and Human Health (ICABT-2019) & Workshop on Bioinformatics in Human Health”. held at Shri Venkateshwara University, Tirupati on 24th -26th December 2019.
3. **Oral Presentation:** Influence of Sucrose and Boric acid on Invitro Pollen germination of *Guaiacum officiale* Linn. **Chaitra B. Negalur** and H.C. Lakshman, One day **National** level conference “Emerging Trends and Classical in Life Sciences” held at Department of Botany and Zoology, Yashwantrao Chavan Warana Mahavidyalaya, Warananagar(Maharashtra) on 28th Jan, 2017.

4. **Oral Presentation:** Distribution of Insoluble polysaccharides protein in the developing anthers of *Guaiacum officiale* Linn.(Zygophyllaceae). **Chaitra B. Negalur** and H.C. Lakshman, UGC Sponsored one day **National** level conference "Conservation and sustainable use of Agricultural & forest Biodiversity for quality food, Medicine and safe environment" held at Department of Botany, P. C. Jabin Science College Vidhyanagar, Hubballi-31 on 18th Jan, 2017.
5. **Poster Presentation:** "Water Resources: Its Pollution, Consequences and Possible Remedies to Reduce Water Pollution". **Chaitra B. Negalur** and H.C. Lakshman, UGC sponsored two days **National** Conference on "Threats of Climate Change on Global water, food and Economy." Organized by Department of Botany, KLES's J.T. College, Gadag, on 3rd and 4th March 2017.
6. **Paper Presentation:** **Chaitra B. Negalur** and H.C. Lakshman, "9th NABS **National** conference on New Biological Researches: Opportunities and Challenges for Sustainable Development". held at School of energy, Environment & Natural Resources Madurai Kamaraj University, Madurai-625021 on August 11th & 12th, 2016.
7. **Oral Presentation:** "Interaction Studies between different AM fungus & PSB on growth, chlorophyll content and lipid in Sunflower(*Helianthus annus* L.)". **Chaitra B. Negalur** and H.C. Lakshman, Two days **International Conference** on "Green Technologies for Sustainable Ecosystems (Icgtse-16) & trade show". held at St. Joseph's College (Autonomous), Bengaluru on Feb 26th -27th, 2016.
8. **Poster Presentation:** "Ontogeny and Histochemistry of *Russelia equisetiformis* L." In **100th Indian Science Congress** Association held at Calcutta University, Kolkata on Jan 3rd to 7th 2013.
9. **Paper Presentation:** "Eichornia Weeds is a Wonderful plant for mankind". **Chaitra B. Negalur** and H.C. Lakshman, In two days **National Conference** on "Conservation of Biodiversity with Special reference to global issues and Ethno Biology", held at Shri Shivayogi Murughendra Swamiji College, Athani on 31st Jan & 1st Feb 2012.

National/International conferences, seminars, workshops, symposium participated:

Venue Attended two days **International Conference** on "Green Technologies for Sustainable Ecosystems (Icgtse-16) & trade show". held at St. Joseph's College (Autonomous), Bengaluru on Feb 2016.

Year 2016

Venue Attended two days **Regional Science Conference** on "Science and

	Technology for livelihood, food, nutrition and health security held at UHS Main Campus, Udyanagiri, Bagalkot on 25 th -26 th Feb 2014.
Year	2014
Venue	UGC sponsored National Conference on Current and Emerging trends in Life science” held at Parvatibai Chowgule College of Arts and Science, Margoa, Goa on 18 th – 19 th , 2014.
Year	2014
Venue	UGC sponsored National Conference on “Eco-Reforestation of Derelict Mined Lands” held at Jagadguru Tontadarya College, Gadag-Betageri on 5 th & 6 th Sep 2014.
Year	2014
Venue	UGC sponsored two days National Conference on “Recent trends in biosystematics.” held at JSS College, Vidyagiri, Dharwad on 30 th Sep & 1 st Oct 2014.
Year	2014
Venue	One day Awareness Training programme on “Capacity Building in Taxonomy towards Conservation” sponsored by Karnatak Biodiversity Board, Bangalore conducted at KUD on 3 rd Dec 2014.
Year	2014
Venue	Attended the DST-PURSE Programme sponsored Special Lecture Series for Ph.D course work in Botany held by P.G. dept of Botany, Karnatak University, Dharwad on 2 nd to 7 th Sep 2013.
Year	2013
Venue	Attended UGC sponsored Two days National Conference “Biodiversity and Its Conservation” held at Maratha Mandal’s Arts, commerce, Science and Home science College, Belgaum on 17 th & 18 th Feb 2012.
Year	2012
Venue	Attended National Symposium on “Integrated Disease Management Strategies in relation to climate change in South India” held at Dept of plant Pathology, College of Agriculture, University of Agricultural science, Dharwad on 14 th to 15 th Oct 2011.
Year	2011
Venue	XXXII All India Botanical Conference and International Symposium on “Diversity of plants and microbes: present Scenario” held by Kuvempu University, Shankaraghatta, Shivamoga on 28 th -30 th Dec, 2009.
Year	2009
Venue	Attended UGC sponsored Two days National Conference “Biodiversity and Its Conservation of Angiosperms with Special reference to Endangered, Endemic & Medicinal Plants” held at JSS College, Vidyagiri, Dharwad on 23 rd & 24 th March 2007.
Year	2007
Venue	SEMINARS ATTENDED: UGC-SAP-DSA-I one day seminar on “Biodiversity of lower and higher Plants” held by P.G. dept of Botany, Karnatak University, Dharwad on 26 th March 2016.
Year	2016

Venue UGC-SAP-DRS-III (2007-2012) one day seminar on “Phytodiversity and Bioprospecting” held by P.G. dept of Botany, Karnatak University, Dharwad on 24th March 2012.
Year 2012
Venue **WORKSHOPS ATTENDED:**
Attended one day workshop on “Techniques in Mycorrhizal Studies sponsored by Vision group +of Science and Technology (VGST-CISE), Govt. of Karnataka, held at on 10th march 2012.
Year 2012
Venue Attended UGC sponsored Two days Workshop on “SPSS” for Faculty and Research Scholars of Science Department, KUD.
Year 2014

Personal Details

Official/Mailing Address **Dr. (Smt). Chaitra B.Negalur**
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E-mail chainegalur@gmail.com
Nationality Indian
Date of birth 13-08-1985
Languages known Kannada, English, Hindi