FACULTY PROFILE

NAME : **Dr. Manasa. D. J**
Designation : Assistant Professor
Department : DOS in Botany
Qualification : MSc, PhD.
Areas of Specialization : Phytopharmocology, Green Nanotechnology.
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Vision

To constitute and deliver extraordinary and contemporary post graduate programs in botanical sciences. With an intention to give highest supremacy in teaching, research and community involvement for the enrichment of society. In conjunction with a focus on the patterns and processes that facilitate predictive understanding of plants and their environments at local, regional, and global scales.

Educational Qualifications

Sl. No.	Degree	Specialization/ Subjects	University	Year of Award/ Passing
1	**PhD**	Phytochemistry and Green nanotechnology.	Mangalore University, Dept. Of Applied Botany Under the guidance of Prof. K. R. Chandrashekar	2018
2	**SLET**	Life Science	-	2014
4	**PG**	Applied Botany	Mangalore University, Dept. Of Applied Botany	2011
5	**UG**	Botany, Biochemistry and Microbiology	Yuvaraja's College, Mysore.	2009

Professional Details (Academic/Research Experience)					
Sl. No.	**Designation**	**Institution/University**	**UG/PG**	**From**	**To**
1	Research Scholar	Mangalore University	PG	2013	2018
2	Assistant Professor	Davangere University, Davangere-577007	PG	24 July 2019	Till date

Areas of Research Interest:	
1.	Screening and identification of bioactive compounds in medicinal plants.
2.	Screening the pharmacological properties of the medicinal plants.
3.	Synthesis and characterization of nanoparticles from medicinal plants and evaluation of their pharmacological attributes.
4.	*In-vitro* culturing of medicinal and endemic plants.

Awards/Fellowships:		
Sl. No.	**Name of the Body/Society**	**Name of Award/Fellowship/Nature of Membership/Editorship**
1.	Mangalore University	**Gold Medal** for First Rank in Post-Graduation (M.Sc., Applied Botany)
2.	Mangalore University	Lobo Prabhu S. R. Alphonso **Cash prize** for First Rank in M.Sc., Applied Botany.
3.	Dept of Science and Technology (DST), New Delhi.	**Inspire Fellowship**
4.	Dept of Science and Technology (DST), New Delhi.	**Intern Fellowship** to visit Department of Plant Biology, University of California USA, UC Davis for 6 Months. (01-04-2014 to 27-09-2014)

Academic/Administrative responsibilities:	
1.	PG Question paper setter, Davangere University 2019-2021.
2.	LIC committee member, Davangere University, 2019-2020

3.	Asset audit member, Davangere University, 2019-2020.
4.	Member in Transportation committee member in Convocation (Davangere University) held on 2020 and 2021.
5.	Departmental Internal Complaint committee (ICC) member, Davangere University- 2020- till date
6.	Coordinator of Department of Studies of Fashion Design, Davangere University from 2020 to till date.
7.	E- attestation officer, SSP scholarship, Davangere University, Davangere- 2019-Till date
8.	Member-Gender Sensitization Committees against Sexual Harassment (GASHE): 2019-Till date.
9.	BOS member for Department of Studies in Fashion Design, Davangere Uiversity from 2020 to till date.
10.	Mentoring students for NPTEL SWAYAM Plant developmental Biology course, Cell Biology: Cellular organization, division and processes, Understanding Design, Apparel Designing course, Embryology of Angiosperms.
11.	**Reveiwer for** • Microbial pathogenesis Journal – Elsevier. • Current research in Pharmacology an drug discovery- Elsevier

Research Projects:

Sl. No.	Title of the Project	Funding Agency	Project Budget	Period	Status
5.	**Co- Principal Investigator** Product development, characterization and anticancer activity of endophytic fungal ribosome inactivating proteins (RIPs) - a small molecule	VGST, K-FIST L1	15 lakh	2019	Ongoing
6.	**Principal Investigator-** Rapid and distinctive approach of	KSCST- student Project	0.0008 lakh	2020	Finished

	Biofabrication of Barium Magnesium Aluminate (BAMGAL 10O17) nanoparticles from *Fusarium oxysporum* by optimizing Physiococultural conditions and its potential application in photo catalysis of industrial effluents.				

Research Publications:	
a) International Journals	
1.	**Manasa DJ**, Chandrashekar KR (2015) Antioxidant and antimicrobial activities of *Tabernaemontana heyneana* Wall. an endemic plant of Western Ghats. International Journal of Pharmacy and Pharmaceutical Sciences 7(7): 311-315. **SNIP IF: 2.029**.
2.	**Manasa DJ,** Chandrashekar KR, Bhagya N (2017) Rapid *in vitro* callogenesis and phytochemical screening of leaf, stem and leaf callus of *Mussaenda frondosa* Linn.: a medicinal plant. Asian J Pharm Clin Res 10(6): 81-86**. IF : 0.48.**
3.	**Manasa DJ,** Chandrashekar KR, Pavan Kumar MA, Suresh D (2018). Biogenic syntheisis of ZnO nanoparticles from leaf, stem and callus extracts of *Mussaenda frondosa* L., - their characterization and evaluation of anti oxidant and photocatalytic activity. Conference Proceedings - International conference on Recent advances in materials, sciences and biophysics. 291-295.
4.	**Manasa DJ,** Chandrashekar KR (2019). Phenolic acid profiling in the leaves of *Tabernaemontana heyneana* wall. an endemic plant of the Western Ghats using ultra-high performance liquid chromatography coupled with quadrupole-time-of-flight. Asian J Pharm Clin Res 12(9): 172-177. **IF : 0.48.**
5.	**Manasa Dogganal Jayappa**, Chandrashekar Konambi Ramaiah, Masineni Allapuramaiah Pavan Kumar, Doddavenkatanna Suresh, Ashwini Prabhu, Rekha Punchappady Devasya, Sana Sheikh. Green synthesis of zinc oxide nanoparticles from the leaf, stem and in vitro grown callus of Mussaenda frondosa L.: characterization and their applications. Appl Nanosci. 2020. **IF: 2.882.**
6.	K. Meghana Navada, G. K. Nagaraja, Josline Neetha D'Souza, Sabia Kouser, R. Ranjitha, **D. J. Manasa,** Phyto assisted synthesis and characterization of Scoparia dulsis L. leaf

	extract mediated porous nano CuO photocatalysts and its anticancer behavior. **Applied Nanoscience** 2020. 10: 4221-4240: **IF: 2.882.**
7.	Sabia Kouser, Sareen Sheik , G.K. Nagaraja, Ashwini Prabhu, Kalappa Prashantha, Josline Neetha D'souza, K. Meghana Navada, **D.J. Manasa**, Functionalization of halloysite nanotube with chitosan reinforced poly (vinyl alcohol) nanocomposites for potential biomedical applications, International Journal of Biological Macromolecules 165 (2020): 1079- 1092. **IF: 5.162.**
8.	Sabia Kouser, Sareen Sheik , G.K. Nagaraja, Ashwini Prabhu, Kalappa Prashantha, Josline Neetha D'souza, K. Meghana Navada, **D.J. Manasa**. Effects of reinforcement of sodium alginate functionalized halloysite clay nanotubes on thermo-mechanical properties and biocompatibility of poly (vinyl alcohol) nanocomposites. Journal of the Mechanical Behavior of Biomedical Materials . 2021, **IF: 3.372.**
9.	Josline Neetha D'Souza, Ashwini Prabhu, Meghana K Navada, Sabia Kouser, **D.J. Manasa.** Sauropus androgynus (L.) leaf phytochemical activated biocompatible zinc oxide nanoparticles: An antineoplastic agent against human triple negative breast cancer and a potent nanocatalyst for dye degradation. Applied Surface Science. 2021, **IF: 6.182.**
10.	Josline Neetha D'Souza, Ashwini Prabhu, G.K. Nagaraja, Meghana Navada K., Sabia Kouser, **D.J. Manasa,** Unravelling the human triple negative breast cancer suppressive activity of biocompatible zinc oxide nanostructures influenced by Vateria indica (L.) fruit phytochemicals. Materials Science & Engineering C 122 (2021) 111887, **IF : 5.88.**
11.	Madhu Kumar Dogganal Jayappa, Prabhuswamy Akhileshwari, Mandayam Anandalwar Sridhar, Lohith Tumakuru Nagarajappa, Shivegowda Nagaraju, Subrayachar Raghavendra and **Manasa Dogganal Jayappa**, Synthesis and detailed characterization of a newly synthesized chalcone, 3-(2,5-dimethoxyphenyl)-1-(naphthalen-2-yl)prop-2-en-1-one, European Journal of Chemistry 12 (1) (2021) 69-76. **IF: 0.5439**.
12.	K. Meghana Navada, Nagaraja G. K, Ranjitha R, Josline Neetha D'Souza, Sabia Kouser, **Manasa D. J.** Synthesis, characterization of phyto-functionalized CuO nano photocatalysts for mitigation of textile dyes in waste water purifcation, antioxidant, anti-infammatory and anticancer evaluation. Appl Nanosci. 2021. **IF: 2.882.**
13.	**Manasa. DJ**, K. R. Chandrashekar D. J. Madhu Kumar M Niranjana, Meghana N, Mussaenda frondosa L. mediated facile green synthesis of Copper oxide nanoparticles-Characterization, Photocatalytic and their biological investigations. Arabian Journal of Chemistry, 2021. 14: 103184. **IF : 4.28.**
14.	Josline NeethaD Souza, G.K.Nagaraja, K. Meghana Navada, Sabia Kouser, B.R.Nityashree, **D.J.Manasa.** An ensuing repercussion of solvent alteration on biological and photocatalytic efficacy of *Emilia sonchifolia* (*L.*) phytochemicals capped zinc oxide nanoparticles, Colloids and Surfaces A: Physicochemical and Engineering Aspects. 2021. **IF: 4.537.**
15.	Josline Neetha D'Souza, Nagaraja, G.K. , Ashwini Prabhu , K Meghana Navada , Sabia Kouser , **Manasa, D.J,** Sauropus androgynus (L.) leaf phytochemical activated biocompatible zinc

	oxide nanoparticles: An antineoplastic agent against human triple negative breast cancer and a potent nanocatalyst for dye degradation, Applied Surface Science Volume 552, 30 June 2021, 149429. **IF: 6.707**.
16.	**Manasa DJ**, Chandrashekar KR, Madhu Kumar DJ., GCMS based metabolite profiling of *Tabernaemontana heyneana* Wall. An endemic plant of Western Ghats**,** Journal of Advanced Materials and Technology. 1(1): (2021) 33-38 2021.
17.	**D.J. Manasa, K.R.** Chandrashekar, M.A. Pavan Kumar, D. Suresh, D.J.Madhu Kumar, C.R. Ravikumar, Tanima Bhattacharya, H.C. Ananda Murthy. Proficient synthesis of Zinc oxide nanoparticles from Tabernaemontana heyneana Wall. via simple solution combustion synthesis method: Characterization, antioxidant, anti-inflammatory, antidiabetic, anticancer and photocatalytic activity. Results in Chemistry 3 (2021) 100178, **Cite score : 0.8.**
18.	K. Meghana Navada, NagarajaG K, Josline NeethaD'Souza, SabiaKouser, C.R.Ravikumar, **D.J.Manasa**, Bio-fabrication of multifunctional quasi-spherical green α-Fe_2O_3 nanostructures for paracetamol sensing and biomedical applications. Ceramics International (2021) **IF 4.527.**
19.	Josline NeethaD'Souza, K. Meghana Navada, NagarajaG K, , SabiaKouser, **D.J.Manasa**, Insight into the impact of zinc doping on the structural, surface, and biological properties of magnasium oxide nanoparticles stabilized by *Vateria indica* (*L.*) fruit extract, Ceramics International (2021) **IF 4.527.**
20.	Sabia Kouser, M.sc; Ashwini Prabhu; Sareen Sheik, Kalappa Prashantha, Josline Neetha D'souza, Meghana K Navada, D.J. Manasa, Poly (caprolactone)/sodium-alginate-functionalized halloysite clay nanotube nanocomposites: potent biocompatible materials for wound healing applications, International Journal of Pharmaceutics 2021, **IF : 5.875.**
21.	K. MeghanaNavada, G.K.Nagaraja, Josline NeethaD'Souza, SabiaKouser, B.R.Nithyashree, **D.J.Manasa,** Bio-fabricationof multifunctional nano-ceria mediated from *Pouteria campechiana* for biomedical and sensing applications, Journal of Photochemistry and Photobiology A: Chemistry, Volume 424, 1 February 2022, 113631, IF : **4.291.**
c) International Conference	
1.	**Manasa DJ**, Chandrashekar KR (2016). Silver nanoparticles from *Tabernaemontana heyneana* Wall*.,* an endemic plant of Western Ghats - synthesis and characterization. International conference on understanding the molecules of life in the era of new biology, at Davangere university on October 20th-22nd, pp-187.
2.	**Manasa DJ**, Chandrashekar KR (2017). Rapid *in vitro* callogenesis and phytochemical screening of leaf, stem and leaf callus of *Mussaenda frondosa* L., a medicinal plant. International Conference on Advances in Science and Engineering, at Regent international college, Bangkok on January 19th -22nd , pp-22.

3.	**Manasa DJ**, Chandrashekar KR, Pavan Kumar MA, Suresh D (2018). Biogenic syntheisis of ZnO nanoparticles from leaf, stem and callus extracts of *Mussaenda frondosa* L., - their characterization and evaluation of anti oxidant and photocatalytic activity. International conference on Recent advances in materials, sciences and biophysics, at Mangalore university, Mangalore on January 23rd to 25th, pp- 291-295.
4.	**Manasa DJ,** Chandrashekar KR (2018). A facile green synthesis of cupric oxide nanoparticles using *Tabernaemontana heyneana* Wall., - their characterization, evaluation of antioxidant and photocatalytic activity**.** International conference on recent vistas in science and technology and its relevance to biological sciences, at Alva's college, Moodubidre on March 2nd, pp- 36.
5.	**Manasa DJ,** Chandrashekar KR (2019). *Mussaenda frondosa* mediated facile green synthesis of Copper oxide nanoparticles- Characterization, Photocatalytic and their biological investigations. International conference on advances in chemical and material sciences (ICCM), at Mangalore university, Mangalore on October 17th to 19th.
6.	**Manasa. D. J**, K. R. Chandrasekar, Madhu Kumar D. J, "*Tabernaemontana heyneana* (Wall.) phytochemicals arbitrated CuO nanoparticles their suppressive reaction against human lung carcinoma cell line and photocatalytic deterioration of methylene blue dye". International virtual conference on Engineering, Medical, Biomedical and Biological sciences (IVCE- MBBS) Organized by Synbiogenica Labs, India. Pegaso Canton, Compagnia Delle Indie Orientali Per Scienza E Technologia, Italy Ace International Pte Ltd, Singapore. 24th – 26th October 2020.
7.	**Manasa. D. J**, K. R. Chandrasekar, Madhu Kumar D. J**,** Deciphering the photocatalytic activity and pharmaceutic impact on A549 Cell Line of *Mussaenda frondosa* L. leaf extract intervened porous copper oxide nanostructures. International Virtual Conference on "Environmental Impact Assessment" (IVC-EIA) 2020 organized by Environmental Information System (ENVIS) Environmental Management and Policy Research Institute (EMPRI) "Hasiru Bhavana" JP Nagar 5th Phase Bangalore: 560078, 1ST Dec 2020.
8.	**Manasa. D. J,** K. R. Chandrasekar, Madhu Kumar D. J, Extrication of the hypotriploid human cell line (A549) suppressive and photocatalytic degradation activities of biofabricated copper oxide nanostructures inveigled by *Tabernaemontana heyneana* (Wall.) phytochemicals. International Virtual Conference On Biodiversity And Ecosystem Services In A Climate Change Perspective -(2020) (IVCBES - 2020), organized by Centre for Climate Change, Environmental Management and Policy Research Institute(EMPRI), Bengaluru, 10-11 December 2020.
9.	**D. J. Manasa**, K. R. Chandrashekar, Madhu Kumar. D. J. Comprehensive approaches on the chemical constituents of leaves of *Tabernaemontana heyneana* Wall. "International Conference and Buyers Sellers Meet on Medicinal Plants used in Lifestyle Products" Jadavpur University, 8th – 10th February, 2021.
d) National Conference	

1.	**Manasa DJ**, Chandrashekar KR (2014). Callus Induction in *Tabernaemontana heyneana* Wall. an endemic plant of Western Ghats. National conference on Plant biodiversity of Western Ghats and its sustainable management at M.G.M college, Udupi on January 23rd and 24th, pp-89.
2.	**Manasa DJ**, Chandrashekar KR (2015). Preliminary phytochemical evaluation, antioxidant and antimicrobial activity of *Tabernaemontana heyneana* Wall. an endemic plant of Western Ghats. National conference on Secondary metabolites of endophytic fungi/ medicinal plants and their anticancer properties, at Bangalore university on March 5th and 6th, pp-11.
3.	**Manasa DJ**, Chandrashekar KR, Moran F (2017). HPLC profiling of phenolic acids in the leaves of *Tabernaemontana heyneana* Wall., an endemic plant of the Western Ghats. National conference on Science and technology: Reaching the unreached, at Mangalore university, Mangalore on September 8th and 9th , pp- 55.
4.	Netra G.C, Aruna B N, Kruthi.B.K Sahana.C. Govindappa M. Hemashekar. B, Anantha raju K.S, Sunil S.More, **Manasa D.J**, Siddappa B.Kakkalameli and Seema J Patil. Antibacterial, Antioxidant, Antidiabetic, Antiinflametory and Antityrosinase Activity of Green synthesized Silver nanoparticals using calophyllum tomentosum leaves extract, Two day national Conference on Advances in materials and Engeeneering Sciences (AMCES-2020), Department of mechanical engeeneering and Chemistry, Dayananda sagar college of Engineering bangaluru-560078. Karnataka, 17th,18th January 2020.
5.	Shwetha Ullagaddi, Bindushree A.N, Govindappa M. Hemashekar. B, Anantha raju K.S, Sunil S.More, Siddappa B.Kakkalameli **Manasa D.J**, and Seema J Patil. Fullurence conjugated curcumin 4,4-Diacetate Exhibits the inhibition of Nurological disorder causing proteins-an *in-Silico* Study, Two day national Conference on Advances in materials and Engeeneering Sciences (AMCES-2020), Department of mechanical engeeneering and Chemistry, Dayananda sagar college of Engineering bangaluru-560078. Karnataka, 17th,18th January 2020
6.	Govindappa.M Gabrila Tataringa. B, Anantha raju K.S, Sunil S.More, **Manasa DJ,** Siddappa B.Kakkalameli and Seema J Patil. Cumarin Derivatives conjugated fullrene targeting All nurological disorder protein in the management of Nurological disorder, Two day national Conference on Advances in materials and Engeeneering Sciences (AMCES-2020), Department of mechanical engeeneering and Chemistry, Dayananda sagar college of Engineering bangaluru-560078. Karnataka, 17th,18th January 2020.
7.	Neelamabri S.Patil, Seema J Patil, **Manasa D.J**, Siddappa B.Kakkalameli and G.A Ravishankar and Govindappa.M, Antioxidant and Antiinflametory Activity of Silver nanoparticals Synthesized from micro algae-Chlorella Species, Two day national Conference on Advances in materials and Engeeneering Sciences (AMCES-2020), Department of mechanical engeeneering and Chemistry, Dayananda sagar college of Engineering bangaluru-560078. Karnataka, 17th,18th January 2020.

8.	Neelamabri S.Patil, Seema J Patil, **Manasa D.J**, Siddappa B.Kakkalameli and G.A Ravishankar and Govindappa.M, Characterization of Silver Nanoparticles from Scenedesmus Species and its antioxidant and Antiinflamatory Activity , Two day national Conference on Advances in materials and Engeeneering Sciences (AMCES-2020), Department of mechanical engeeneering and Chemistry, Dayananda sagar college of Engineering bangaluru-560078. Karnataka, 17th,18th January 2020.
9.	Govindappa.M,Vridhi Vinaykiya V, Suryansi Dutta, Sunil S.More, Ananta Raju K.S, **Manasa D.J** and Siddappa B. Kakkalameli, Charecterization, Antibacterial and Antioxidont Activity of Silver Nanoparticals Synthesised from Alternaria Alternaria, Endophytic fungi of Dendrophythoe-A Parasitic plant, Two day national Conference on Advances in materials and Engeeneering Sciences (AMCES-2020), Department of mechanical engeeneering and Chemistry, Dayananda sagar college of Engineering bangaluru-560078. Karnataka, 17th,18th January 2020.
10.	Jyothi T.S, Madiha iffath, Laya C, Kiran T, **Manasa. D. J,** GC – MS based metabolite profiling and *in vitro* anti- oxidant activity of *Mussaenda frondosa* L. leaf extracts, DRM Science college
11.	**D. J. Manasa**, K. R. Chandrashekar, Madhu Kumar. D. J. Chemical profiling of leaves of *Tabernaemontana heyneana* Wall. in one day National Symposium on "Future of STI: Impacts on Education, Skills and Work" on February 27th, 2021 organized by Yenepoya (Deemed to be University), Mangalore, Karnataka.

Book Published / Book Chapters Published:

1. **Book Title:** Unravelling the phytochemical constituetnts of leaf, stem and *in vitro* grown callus of *Tabernaemontana Heyneana* Wall and *Musseanda frondosa* L, 2021.
   Authors: Manasa. D. J, Chandrashekar. K. R, Rajendra Prasad, Madhu Kumar. D. J, Chandan. S, Shiva Prasad
   Publisher : Green publication
   ISBN: 81-949008-8-7.

1. **Book chapter Title:** An efficient in vitro approach for callogenesis mediated from the plants *Tabernaemontana heyneana* Wall, July 2021.
   Authors: D.J. Manasa, K.R. Chandrashekar, Bhagya. N, D.J. Madhu Kumar, Reshma. M. D, Govindappa. M.
   Publisher : International publisher.

Conference/ Workshops/Trainings attended/organized:

International/National Conferences:

1. Organizing secretary member - One Week Live Webinar Series of International E-Conference in Plant Sciences, 25th -30th May 2020.
2. Organizing Secretary member Organized online workshop on "Patent filing in Life sciences", 30th December, 2020.
3. Organizing committee member for Two days National level virtual workshop on "Recent trends in Plant Biology", 29th and 30th January, 2021.
4. Organised an event "Kala Kruthika (Fashion Utsava) – 2021", event was jointly organised by Kalanikethana College of Fashion Designing in collaboration with Davangere University at Pooja International Hotel on 25/10/2021.

Short Term Courses/ Orientation Programs/ refresher courses:

1. Short course on "Recent Advances in Conservation of Genetic Resources of Plantation Crops" , 22-31 october, 2013, Central Plantation Crops Research Institute, Kasargod.

2. AICTE sponsored Short term training program- Synthesis, Characterization and its applications of Nanomaterials, 24th to 29th July, 2020, Jawaharlal Nehru Technological University, Hyderabad.

3. Orientation program, June 04 - July 01, 2020, Ramanujam College, University of Delhi.

4. 4-Week Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education" . June 04 - July 01, 2020. Obtained A+ grade, Teaching Learning Centre, Ramanujan College University of Delhi.

5. Induction Program, January 2020, Davangere University.

6. E- refresher Course on 21st Century: The era of Biotechnolgy- To innovate by advanced Biotechnolgy learning, 3rd Sep – 28th October 2020, Department of Biotechnology, AKS University, Satna, Madhya Pradesh, India.

7. AICTE Sponsored six days Short Term Training Programme (STTP) "Research Challenges and Emerging Trends in Ontology and Data Science for Deep Learning", 7 th December to 12 th December 2020, MVJ College of Engineering, Bengaluru AICTE & Department of Information Science and Engineering along with IQAC, MVJ College of Engineering, Bangalore.

8. School of home science department of food science and nutrition UGC-STRIDE sponsored seven days online training programme on "Environmental Sustainability and Research Ethics",

3rd to 11th February 2021, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore.

10. Online Two-Week Interdisciplinary Refresher Course in "ADVANCED CONCEPTS IN DEVELOPING MOOCS" 06 – 20 October, 2021 organized by Teaching Learning Centre, Ramanujan College University Of Delhi In Collaboration With Davangere University Davangere, Karnataka Under The Aegis Of Ministry Of Education Pandit Madan Mohan Malaviya National Mission On Teachers And Teaching.

FDP Attended :

1. FDP on Latest trends and future prospects of Biotechnology, 06-10th July, 2020, NIT, AP.

2. FDP- Plants for food and health care, 12th to 14th August, 2020, Yogi Vemana University.

3. FDP- Emerging trends in Academic publishing and Plagiarism, 13th July, 2020, VSR/NVR (Aided) College, Tenali.

4. National Level Online FDP 0n "New performance Appraisal system & Career Advancement Scheme" organised by IQAC Cell, held on 22nd May 2020, Sheshadripuram Degree college, Mysore.

5. Two Weeks Faculty Development Programme on "MANAGING ONLINE CLASSES and CO-CREATING MOOCS:2.0", May 18 - June 03, 2020, Ramanujan College, University of Delhi.

6. Virtual FDP on "Challenges and opportunities in Diverse fields: Pre and Post Pandemic era, 2-6th September 2020, Dept of Biochemistry, Rayalaseema University.

7. FDP Program, 06th -13th January, 2020, Davangere University.

8. 5-day online FDP on "ADVANCED MATERIALS AND SURFACE PROPERTIES", 26th – 30th October, 2020, Department of Chemical Engineering of GMR Institute of Technology, Rajam.

9. Five days Faculty Development Program (FDP -Virtual) on Trends in Computational Biology, 9 th - 13th Dec 2020, Organised by The Indian Institute of Engineers (IEI) student chapter (BT, SCE) & Shristi BT forum.

10. 5-Day FDP Accelerating Innovations In Material Science - Surface Characterization, 18th – 22nd May 2021, Department of Chemistry, BMS Institute of Technology & Management, Bengaluru, India.

11. 5- Days FDP on "Insight in to analytical techniques and its applications" (IATA- 2021), 21-06-2021 to 25-06-2021, Department of Chemistry, Acharya Institute of graduate studies, Bangalore.
Workshops/Seminars/Symposium Attended: ***Attended 84 workshops.***

Achievements/Awards / Abroad visit / Professional Membership	
	Professional Membership. 1. Life time member for Indian National Science Congress 2. Life membership of International Institute of organized research. 3. Life Member of Green ThinkerZ™ Society.
	Abroad visit 1. Visited Bankgok to Attend International Conference on Advances in Science and Engineering in 2017.
	2. Visited Department of Plant Biology, University of California, UC Davis on Intern fellowship sponsored by DST in 2014.

Personal Details		
Gender	Female	
Date of Birth	03 october 1987	
Contact details	**Address for Communication**	**Permanent address**
	Manasa. D. J W/O Prof. Nagaraja. G. K, D/N 535/233, Manasu Nilaya, Dollar's Colony, Shamanur, Davangere- 577004.	Manasa. D. J W/O Prof. Nagaraja. G. K, D/N 535/233, Manasu Nilaya, Dollar's Colony, Shamanur, Davangere-577004.
Electronic address	**Telephone-** Mobile :7892631239 Home : ------ **E mail** : manasadj310@gmail.com manasadubot@davangereuniversity.ac.in **Website**: https://scholar.google.com/citations?user=vqaKFaMAAAAJ&hl=en **ResearchGate Link:** https://www.researchgate.net/profile/Manasa-Dj ORCID	