

## DR. SUBRAHMANYA PRASAD K M. Sc., Ph.D

### OFFICIAL ADDRESS

Assistant Professor  
Department of Botany  
Nehru Arts & Science College  
P. O. Padnekat, Kanhangad – 671 314  
Kasaragod, Kerala

### PERMANENT ADDRESS

S/o. K. Shankaranarayana Bhat  
Karuvankoodelu House  
(P. O.) Mugu, Via - Kumbala  
Kasaragod (Dist), Kerala  
Pin: 671 321  
Phone: 04998 245656, Mob: 8281142656, 9495612656  
E-mail: [prasadks83@gmail.com](mailto:prasadks83@gmail.com), [prasadks.1090@rediffmail.com](mailto:prasadks.1090@rediffmail.com)

### PERSONAL DETAILS

- Date of Birth : 10-10-1983
- Age : 40 Years
- Religion : Hindu
- Sex : Male
- Marital status : Married
- Nationality : Indian
- Languages Known : English, Hindi, Kannada, Tulu & Malayalam

### EDUCATIONAL QUALIFICATIONS

Course	University/Board	Subjects	Year of Passing	% age of Marks
Ph. D	Kannur University	Botany	2013	
M.Sc.	Kannur University	Botany (Specialization : Biotechnology)	2006	77.20
B.Sc.	Kannur University	Botany main with Chemistry and Zoology as subsidiaries	2004	89.20
Pre-Degree Course	Calicut University	Physics, Chemistry, Biology	2001	56.00
S.S.L.C.	Board of Public Examinations, Kerala		1999	69.16

## **ACADEMIC ACHIEVEMENTS**

- Awarded with First Rank in M.Sc. of Kannur University.

## **FELLOWSHIP**

- Awarded with KSCSTE Research Fellowship (2007) in Taxonomy (Botany). From 2008 to 2012.

## **Ph. D THESIS**

- “*Exploration and Elucidation of Traditional Medicinal Plants of Erstwhile Tulunadu and Surrounding Area of Kerala and Karnataka*”, 20.03.2013, Kannur University, Kerala.

## **POST DOCTORAL RESEARCH**

- Worked as Research Associate of the KSCSTE project “*Floristic Account and Potentiality of Manglicolous Marine Fungi of Mangrove Ecosystem of Kerala Coast*” from 24. 08. 2012 to 02. 06. 2013 at Dept. of Botany, Sir Syed College, Taliparamba.

## **RESEARCH EXPERIENCE**

- **16 years**

## **AREAS OF RESEARCH**

- Plant Taxonomy
- Ethnobotany
- Ecology

## **TEACHING EXPERIENCE**

- Assistant Professor of Botany at Nehru Arts and Science College, Kanhangad from 06.09.2013 onwards.
- Worked as a Guest Lecturer in the Dept. of Botany, Govt. College, Kasaragod from 08. 01. 2007 to 30. 03. 2007, 30. 07. 2007 to 29. 02. 2008 and 26. 06. 2013 to 05. 09. 2013.

## NEW TAXA DESCRIBED

- *Rotala tulunadensis*
- *Canscora bhatiana*
- *Eriocaulon cheemenianum*
- *Rotala meenkulamensis*
- *Rotala kasaragodensis*
- *Emilia lateritica*

## AWARDS

- Best Research Paper Award for paper titled “Medicinal and Endemic Plant Diversity in Paramel Kavu, Proposed Cheemeni Thermal Power Plant Site, Kasaragod District, Kerala” in National Seminar on “*Conservation and Sustainable Utilization of Red listed Medicinal Plants of Western Ghats of India*” at Department of Botany, Newman College, Thodupuzha, September 2 – 3, 2010.
- Best Poster Award for poster entitled “RET Plant diversity in Sacred Groves of North Malabar, Kerala, South India” in the theme “Innovation in Taxonomy and Conservation” of First Indian Biodiversity Congress at Thiruvananthapuram, December 28 – 30, 2010.

## CHAPTERS IN BOOKS

- **Subrahmanya Prasad, K.** & Raveendran, K. (2014). “A Comparative Account of the Endemic Plants in Sacred Groves of Kasaragod, Kanur and Kozhikode Districts of Kerala”, in Bijukumar, A., Rajendran, P. G. and Peethambaran, C. K. (Eds.) *Perspectives on Biodiversity of India* Vol. 1, Centre for Innovation in Science and Social Action (CISSA), Thiruvananthapuram. pp: 82 – 88.

## PAPERS IN JOURNALS

1. **Subrahmanya Prasad, K.** & Raveendran, K. (2009). “Studies on the Vegetation of the Deltas of Chandragiri River, Kasaragod District of Kerala”, *Eco-Chronicle*, 4 (3): 185 – 191. ISSN – 0973 – 4155.
2. **Subrahmanya Prasad, K.** & Raveendran, K. (2010). “Botanical Identity of Plants used in the Traditional Indian Ritual – *Hawana*”, *Ethnobotanical Leaflets*, 14: 665 – 673. ISSN – 1948 – 3570.
3. **Subrahmanya Prasad, K.** & Raveendran, K. (2010). “Traditional Plant Fencing and its Conservatory Nature in Kasaragod District, Kerala, India”, *Ethnobotanical Leaflets*, 14: 681 – 686. ISSN – 1948 – 3570.
4. **Subrahmanya Prasad, K.** & Raveendran, K. (2010). “*Glyphochloa acuminata* (Hack.) Clayton var. *stocksii* (Hook. f.) Clayton – A little known plant from Kerala”,

*Journal of Economic and Taxonomic Botany*, 34 (3): 495 – 496. ISSN – 0250 – 9768.

5. **Subrahmanya Prasad, K.** & Raveendran, K. (2010). “*Isachne veldkampii* K. G. Bhat & C. R. Nagendran (Poaceae) – A new record for Kerala”, *Journal of Economic and Taxonomic Botany*, 34 (3): 624 – 625. ISSN – 0250 – 9768.
6. **Subrahmanya Prasad, K.** & Raveendran, K. (2010). “*Petalidium barlerioides* (Roth) Nees (Acanthaceae) – A new addition to the flora of Kerala”, *Journal of Non-Timber Forest Products*, 17 (1): 73 – 74. ISSN – 0971 – 9415.
7. **Subrahmanya Prasad, K.** & Raveendran, K. (2010). “*Ipomoea aculeata* Blume (Convolvulaceae) – A new addition to the flora of Kerala”, *Indian Journal of Forestry*, 33 (3): 449 – 450. ISSN – 0971 – 9431.
8. **Subrahmanya Prasad, K., Biju, P. & Raveendran, K.** (2011). “*Flemingia tuberosa* Dalz. (Fabaceae) – A new addition to the flora of Kerala, India”, *Journal of Threatened Taxa*, 3 (2): 1548 – 1549. ISSN – 0974 – 7893.
9. **Subrahmanya Prasad, K.** & Raveendran, K. (2011). “Plants used as fish poison in Kasaragod district, Kerala”, *Journal of Ecobiology*, 28 (2): 101 – 105. ISSN – 0970 – 9037.
10. **Subrahmanya Prasad, K.** & Raveendran, K. (2011). “Endemic Plant Diversity in Selected Sacred Groves of Kannur District, Kerala”, *Ecology, Environment and Conservation*, 17 (1): 141 – 144. ISSN – 0971 – 765 X
11. **Subrahmanya Prasad, K.** & Raveendran, K. (2011). “Diversity of Weed flora associated with rice crop in Kasaragod district, Kerala, South India”, *Internat. J. Plant Sci.*, 6 (1): 49 – 54. ISSN – 0973 – 1547.
12. **Subrahmanya Prasad, K.** & Raveendran, K. (2011). “Fodder resources of Kasaragod district, Kerala, India”, *Internat. J. Plant Sci.*, 6 (1): 95 – 102. ISSN – 0973 – 1547.
13. **Subrahmanya Prasad, K., Biju, P., Raveendran, K. & Gopalakrishna Bhat, K.** (2012). “*Rotala tulunadensis* sp. nov. (Lythraceae) from Kerala, India”, *Nordic Journal of Botany*, 30 (1): 58 – 60. ISSN – 1756 – 1051.
14. Biju, P., **Subrahmanya Prasad, K., Ajith Kumar, P., Jomy Augustine., Raveendran, K. & Ansari, R.** (2012). “*Eriocaulon cheemenianum* (Eriocaulaceae), A new species from Kerala, India”, *International Journal of Plant, Animal and Environmental Sciences*, 2 (4): 176 – 179. ISSN – 2231 – 4490.
15. **Subrahmanya Prasad, K.** & Raveendran, K. (2012). “*Canscora bhatiana* (Gentianaceae), a new species from Kerala, India”, *International Journal of Plant, Animal and Environmental Sciences*, 2 (4): 197 – 201. ISSN – 2231 – 4490.

16. **Subrahmanya Prasad, K.** & Raveendran, K. (2012). “Endemic Plant Diversity in Selected Sacred Groves of Kasaragod District, Kerala”, *International Journal of Plant, Animal and Environmental Sciences*, 2 (4): 240 – 244. ISSN – 2231 – 4490.
17. **Subrahmanya Prasad, K.** & Raveendran, K. (2012). “Sacred Groves of North Malabar: Refugia of Endemic and Rare Medicinal Plants”, *Plant Sciences Feed*, 2 (10): 154 – 158. ISSN – 2231 – 1971.
18. **Subrahmanya Prasad, K.** & Raveendran, K. (2012). “Plants Used for Basketry in Kasaragod District, Kerala”, *Journal of Research in Plant Sciences*, 1 (2): 153 – 159. ISSN – 2319 – 1643.
19. **Subrahmanya Prasad, K.** & Raveendran, K. (2013). “Floristic Diversity in Niliarkottam Sacred Grove in Kannur District, Kerala, India”, *Life Sciences Leaflets*, 1: 64 – 73. ISSN – 2277 – 4297.
20. Khadeeja Thekkappaden., Shyam Kumar, S. & **Subrahmanya Prasad, K.** (2013). “Comparative Analysis of Medicinal Plants from Fort Kochi and Mattanchery area of Kochi with the Plants from *Hortus Malabaricus*”, *Journal of History and Society*, 1: 72 – 84. ISSN – 2320 – 6276.
21. **Subrahmanya Prasad, K.** & Raveendran, K. (2013). “Endemic Plant Diversity in Selected Sacred Groves of North Malabar, Kerala”, *Science Chronicle*, 2 (1 & 2): 175 – 183. ISSN – 2319 – 6955.
22. **Subrahmanya Prasad, K.** & Raveendran, K. (2013). “*Calyptocarpus vialis* Less. (Asteraceae) – A new record for Kerala, India”, *Zoo’s Print*, 27 (4): 23 – 24. ISSN – 0971 – 6378.
23. **Subrahmanya Prasad, K.** & Raveendran, K. (2013). “*Madhuca insignis* (Radlk.) H. J. Lam. (Sapotaceae) – a new addition to the flora of Kerala”, *Zoo’s Print*, 27 (4): 25 – 26. ISSN – 0971 – 6378.
24. **Subrahmanya Prasad, K.** & Raveendran, K. (2013). “A New Species of *Rotala* L. (Lythraceae) from Kerala, India”, *Taiwania*, 58 (2): 104 – 107. ISSN – 0372 – 333X.
25. **Subrahmanya Prasad, K.** & Raveendran, K. (2013). “*Rotala kasaragodensis* (Lythraceae), A New Species from Kerala, India”, *Edinburgh Journal of Botany*, 70 (3): 451 – 454. ISSN – 0960 – 4286.
26. **Subrahmanya Prasad, K.** & Raveendran, K. (2013). “Wetland plant diversity in Kasaragod District, Kerala”, *GCK Science Letters*, 2 (1): 44 – 57. ISSN: 2320 – 2572.
27. **Subrahmanya Prasad, K.** & Raveendran, K. (2013). “*Centratherum punctatum* Cass. ssp. *punctatum* (Asteraceae) – Naturalised in Kerala”, *Journal of Non-Timber Forest Products*, 20 (3): 231 – 232. ISSN: 0971 – 9415.
28. **Subrahmanya Prasad, K.** (2015). “*Lepidagathis prostrata* Dalz. (Acanthaceae) – A New Addition to the State of Kerala”, *Academia – A Multidisciplinary Journal*, 1 (1): 4 – 6. ISSN: 2395 – 7050.

29. **Subrahmanya Prasad, K.** & Raveendran, K. (2015). “*Chlorophytum breviscapum* Dalz. (Liliaceae) – A New Addition to the Flora of Kerala”, ***Indian Journal of Forestry***, 38 (4): 357 – 358. ISSN – 0971 – 9431.
30. **Subrahmanya Prasad, K.** (2017). “Medicinal Plants of *Tulunadu*”, ***Academia – A Multi Disciplinary Research Journal***, 2 (1): 64 – 68. ISSN: 2395 – 7050.
31. **Subrahmanya Prasad, K.** & Agretious Thomas, K. (2021). “Deltas of Chandragiri River: Refugia of Endemic and RET Plants”, ***International Journal of Innovative Research in Technology***, 8 (4): 643 – 648. ISSN: 2349 – 6002.
32. **Subrahmanya Prasad, K.** & Agretious Thomas, K. (2021). “A Comparative Study of RET Plant Diversity in Two Sacred Groves of Kasaragod District, Kerala, India”, ***International Journal of Creative Research Thoughts***, 9 (9): 395 – 402. ISSN: 2320 – 2882.
33. **Subrahmanya Prasad, K.**, Biju, P., Agretious Thomas, K. & Josekutty, E. J. (2022). “*Coleus monostachyus* (P. Beauv.) A. J. Paton (Lamiaceae): A new addition to the flora of India”, ***Plant Science Today***, 9 (sp1): 09 – 11, 2022. ISSN: 2348 – 1900.
34. Biju, P., Josekutty, E. J., **Subrahmanya Prasad K.**, Anil Kumar, V. S. & Jomy Augustine. (2022). “*Emilia lateritica* (Asteraceae), a new species from lateritic plateaus of Northern Kerala, India”, ***Phytotaxa***, 556 (2): 201 – 206. ISSN: 1179 – 3155, 1179 – 3163.

## PAPERS IN PROCEEDINGS

1. “Traditional ‘Pan’ – A healthy masticatory of Indians or good effects of a ‘bad habit’”, in Proceedings of National Seminar on “*Recent Trends in Biodiversity Conservation and Documentation*”, P. G. Department of Plant Science, Mahatma Gandhi Government Arts College, Mahe, 2008, pp: 62 – 66.
2. “Wild Edible Fruits of Kasaragod District, Kerala”, in Proceedings of National Seminar on “*Recent Trends in the Conservation and Utilization of Under Utilized Wild Edible Plants*”, Department of Botany, Bharathiar University, Coimbatore, 2009, pp: 106 – 109.
3. “An Inventory of Medicinal Plants in *Kunninmadilagam* Sacred Grove, Kannur District, Kerala”, in Proceedings of “*20<sup>th</sup> Swadeshi Science Congress*”, Swadeshi Science Movement, Kochi, 2011, pp: 144 – 149.
4. “Medicinal Plants – The Vanishing Treasure”, in Proceedings of National Conference on “*Biodiversity, Biotechnology and Climate Change*”, Department of Life Sciences, Arts Commerce and Science College, Sonai, Maharashtra, 2012, pp: 1 – 3. ISBN: 978 – 93 – 81921 – 23 – 4.
5. “Endemic and RET Plant Diversity in Selected Sacred Groves of Kozhikode District, Kerala” in Proceedings of the National Seminar on “*Western Ghats: Biogeography*,”

*Biodiversity and Conservation*”, Department of Botany, N. S. S. College, Manjeri, 2013, pp: 166 – 170. ISBN: 978 – 81 – 926618 – 0 – 3.

6. “Plants Used for Wound Healing by the *Kalari* Practitioners of North Malabar, Kerala” in Proceedings of the National Seminar on “*Western Ghats: Biogeography, Biodiversity and Conservation*”, Department of Botany, N. S. S. College, Manjeri, 2013, pp: 209 – 213. ISBN: 978 – 81 – 926618 – 0 – 3.

#### **ABSTRACTS IN INTERNATIONAL / NATIONAL SYMPOSIA / SEMINARS**

1. Participated and presented a paper titled “*Harmful Food Additives and Preservatives*” in one day seminar on “*Harmful Food Additives and Preservatives*” at P. G. Dept. of Chemistry, Government College, Kasaragod on 09.01.2004.
2. Presented a paper titled “*A peep into the social relevance of plants associated with ‘Homias’ – The traditional Indian rituals and their immediate impact on microbial flora*” in National Symposium on “*Current Trends in Medicinal Plants and Herbal Technology*” at Kanchi Mamunivar Centre for Post-Graduate Studies, Dept. of Plant Science, Pondichery, July 22 – 24, 2006.
3. Presented a paper titled “*The wonder indigenous medicinal plants of Animal word (Tulu Nadu)*” in National Conference on “*Recent Trends on Medicinal plants Research*” at Centre for Advanced Studies in Botany, University of Madras, Guindy Campus, Chennai, January 24 – 25, 2007.
4. Presented a paper titled “*Elucidation of the potentialities of three medicinal plant extracts on onion root meristem cells*” in 17<sup>th</sup> Swadeshi Science Congress, at The Zamorin’s Guruvayurappan College, Kozhikode, November 6 – 8, 2007.
5. Presented a paper titled “*Veterinary Medicinal Plants of Kasaragod, Kerala*” in National Seminar on “*Coastal Wetland Ecosystems of Kerala: Perspectives and Conservational Strategies*” at Department of Botany, S. N. College, Kannur, October 16 – 17, 2008.
6. Presented a paper titled “*Traditional ‘Pan’ – A Healthy Masticatory of Indians or Good Effects of a ‘Bad Habit’*” in National Seminar on “*Recent Trends in Biodiversity conservation and Documentation*” at Post Graduate Department of Plant Science, M G Government Arts College, Mahe, November 6 – 7, 2008.
7. Presented a paper titled “*Wild Edible Fruits of Kasaragod District, Kerala*” in National Seminar on “*Recent Trends in the Conservation and Utilization of Under Utilized Wild Edible Plants*” at Department of Botany, Bharathiar University, Coimbatore, March 20 – 21, 2009.
8. Presented a paper titled “*Kannur University and its Anthropogenic influence in the Degradation of Niliarkotam*” in the “*Pisharoty Public Lecture and Student Presentations*” at Kannur University, Mangattuparamba, February 10, 2010.

9. Presented a paper titled "*Medicinal Plant Diversity in the Selected Sacred Groves of Kannur District, Kerala*" in "*International Conference on Medicinal Plants and Herbal Drugs: Challenges and Opportunities in Cultivation, Sustainable Utilization and Conservation*" at Post-Graduate & Research Department of Botany, Pachaiyappa's College, Chennai, March 4 – 6, 2010.
10. Presented a paper titled "*In situ Conservation of Endemic Plants in selected Sacred Groves of Kannur District, Kerala*" in Golden Jubilee National Symposium on "*Plant Diversity Utilization and Management*" at Department of Botany, University of Kerala, Thiruvananthapuram, May 27 – 29, 2010.
11. Presented a paper titled "*Medicinal and Endemic Plant Diversity in Paramel Kavu, Proposed Cheemeni Thermal Power Plant Site, Kasaragod District, Kerala*" in National Seminar on "*Conservation and Sustainable Utilization of Red listed Medicinal Plants of Western Ghats of India*" at Department of Botany, Newman College, Thodupuzha, September 2 – 3, 2010.
12. Presented a paper titled "*Medicinal Plant Diversity in Kammadam Kavu, Kasaragod District, Kerala*" in "*National Conference on Herbal Medicine*" at Department of Botany, Bharathiar University, Coimbatore, September 8 – 9, 2010.
13. Presented a paper titled "*An Inventory of Medicinal Plants in Kunninmadilagam Sacred Grove, Kannur District, Kerala*" a "*20<sup>th</sup> Swadeshi Science Congress*" at CMFRI, Kochi, November 6 – 8, 2010.
14. Abstract entitled "*Sacred Groves of North Malabar: Treasure trove of Endemic and Rare Medicinal Plants*" in National Conference on "*Biodiversity of Medicinal and Aromatic Plants: Collection, Characterization and Utilization*" at Medicinal and Aromatic Plants Association of India, Anand, November 24 – 25, 2010.
15. Presented a paper titled "*Ethno-Medico Botany of the genus Ficus L.(Moraceae) in North Malabar, Kerala*" in XX Annual Conference of Indian association of Angiosperm Taxonomy and International Symposium on "*Taxonomy, Plant Diversity & Conservation*" at Dept. of Botany, Bharathiar University, Coimbatore, November 26 – 28, 2010.
16. Presented a paper entitled "*RET Plant Diversity in Sacred Groves of North Malabar, Kerala, South India*" in First "*Indian Biodiversity Congress*" at Thiruvananthapuram, Kerala, December 28 – 30, 2010.
17. Presented a paper entitled "*Endemic Plant Diversity in Selected Sacred groves of Kasaragod district, Kerala*" in 23<sup>rd</sup> "*Kerala Science Congress*" at CESS, Thiruvananthapuram, January 29 – 31, 2011.
18. Presented a paper entitled "*Sacred groves as a refuge for endemic and RET plants – A case study*" in National Conference on "*Biodiversity and Bioprospecting with Reference to Plants and Microbes*" at St. Albert's College, Ernakulam, December 8 – 9, 2011.

19. Presented a paper entitled "*Endemic plant diversity in selected sacred groves of North Malabar, Kerala*" in National Seminar on "Faunal Biodiversity and Endemism of Southern Western Ghats" at NSS College, Pandalam, January 17 – 19, 2012.
20. Presented a paper entitled "*A comparative account of the endemic plants in sacred groves of Kasaragod, Kannur and Kozhikode districts of Kerala*" in Second "Indian Biodiversity Congress" at Bengaluru, Karnataka, December 9 – 11, 2012.
21. Presented a paper entitled "*Endemic and RET Plant Diversity in Selected Sacred Groves of Kozhikode District, Kerala*" in National Seminar on "Western Ghats – Biogeography, Biodiversity and Conservation" at N. S. S. College, Manjeri, Malappuram, February 14 – 16, 2013.
22. Presented a paper entitled "*Plants Used for Wound Healing by the Kalari Practitioners of North Malabar, Kerala*" in National Seminar on "Western Ghats – Biogeography, Biodiversity and Conservation" at N. S. S. College, Manjeri, Malappuram, February 14 – 16, 2013.
23. Presented a paper entitled "*Deltas of Chandragiri River: Refugia of Endemic and RET Plants*" in National Seminar on "*Socio-Economic Root Causes of Biodiversity Loss*" at Department of Botany, S. N. College, Kannur, January 24 – 25, 2014.
24. Presented a paper entitled "*Climate Change vis a vis Floristic Diversity*" in National Seminar on "*Economics of Climate Change: Understanding the Linkage between Economy and Ecology*" at Department of Economics, Nehru Arts and Science College, Kanhangad, September 18, 23 – 24, 2014.
25. Presented a paper entitled "*Ethno-Medicobotany of the Genus Ipomoea L. (Convolvulaceae) in North Malabar, Kerala*" in International Conference on "*Trends in Plant Systematics*" at Department of Plant Science, Bharathidasan University, Tiruchirappalli, 31.10.2014 to 02.11.2014.
26. Presented a paper entitled "*Ethnolinguistics and Doctrine of Signature Aspects in Medicinal Plants of Tulunadu*" in International Seminar on "*Advancements in Angiosperm Systematics and Conservation*" at Department of Botany, Calicut University, 19.11.2015 to 21.11.2015.
27. Presented a paper entitled "*Endemic and RET Elements in the Medicinal Plants of Tulunadu*" in National Seminar on "*Climate Change – Challenges & Solutions*" at Department of Botany, Nehru Arts & Science College Kanhangad, February 22 – 23, 2016.
28. Presented a paper entitled "*Taxonomy of Medicinal Plants*" in National Seminar on "*Plant Systematics: Current Scenario and Future Prospects*" at Dept. of Botany, Sree Neelakanta Govt. Sanskrit College Pattambi, October 24 – 25, 2019.
29. Presented a paper entitled "*Ecological and Economic Significance of Cheemeni Dharmashasthakavu, Kasaragod District, Kerala*" in International Seminar on "*Anthropogenic Climate Change and Ecosystems: Challenges and Remedies*" at Department of Botany, S.N. College Kannur, January 20 – 21, 2020.

30. Presented a paper entitled "*Floristic Diversity and Economic Importance of Edayilakkad Sacred Grove, Kasaragod District, Kerala*" in International Seminar on "*Anthropogenic Climate Change and Ecosystems: Challenges and Remedies*" at Department of Botany, S.N. College Kannur, January 20 – 21, 2020.

## RESOURCE PERSON

1. Presented Paper entitled "*Medicinal Plant Conservation in Ancient India*" in National Seminar on "*Cultural and Floristic Diversity of Western Ghats*" at Department of Botany, Government College, Kasaragod, October 9 – 10, 2014.
2. Presented Paper entitled "*Role of Ethnolinguistics and Rituals in Conservation*" in National Seminar on "*Ethnobotany and Recent Trends in Plant Taxonomy*" at Department of Botany, Maharaja's College, Ernakulam, November 24 – 25, 2014.
3. Presented Paper entitled "*Medicinal Plants of Tulunadu*" in National Seminar on "*Medicinal Plants in Primary Healthcare*" at S. N. College Kannur, September 29 – 30, 2015.
4. Presented Paper entitled "*Sacred Groves of North Malabar – Treasure Trove of Endemic and RET Medicinal Plants*" in National Seminar on "*Recent Trends in Biological Science and Research*" at Government College, Kasaragod, December 14 – 15, 2015.
5. Presented Paper entitled "*Medicinal Plant Diversity in the New Era of Climate Change*" in State Level Seminar on *Biodiversity – Will it Overcome the Forthcoming Drought?*" at Department of Zoology, Nehru Arts & Science College Kanhangad on 07.03.2017.
6. Presented Paper entitled "*Taxonomy of Medicinal Plants*" in National Seminar on "*Importance of Taxonomy*" at Department of Botany, St. Mary's College, Sulthan Bathery, March 8 – 10, 2017.
7. Presented Paper entitled "*Human Welfare Elements in the Plantlore of Tulunadu*" in National Seminar on "*Biodiversity and Importance of Western Ghats for Better Living*" at Department of Botany, Govt. College Kasaragod, August 29 – 30, 2017.
8. Resource Person for "*Identification of Medicinal Plants of GLPS Malappachery campus*" in NSS camp of Model College, Madikai on 26.12.2017.
9. Presented Paper entitled "*Pugaphala in Traditional Medicine of Tulunadu*" in National Interactive Workshop on "*Areca nut and Human Health*" at ICAR – Central Plantation Crops Research Institute, Kasaragod, July 24 - 25, 2018.
10. Presented Paper entitled "*Bioprospecting of Traditional Medicinal Plants*" in National Seminar on "*Bioprospecting of Plants – Current Scenario*" at Department of Botany, Govt. College Kasaragod, December 4 – 5, 2019.

11. Resource Person for “*Identification and Utility of Plants*” in “*Nisarga – 3 Day Inter-College Biodiversity Camp*” organized by GPM Govt. College Manjeshwaram at Nisarga, Bedrampalla, Kasaragod, December 6 – 8, 2019.
12. Resource Person for “*Identification and Utility of Plants*” in “*Thiriccharivu – Children’s Study Camp*” organized by Pulari Samskarika Kendram, Aravath, Kasaragod at Aravath on 22.12.2019.
13. Resource Person for “*Sacred Groves of Kerala*” in National Seminar on “*Biodiversity Conservation and its Challenges*” organized by the Department of Botany and Biodiversity Club at Nehru Arts and Science College Kanhangad on 30.01.2023.

## **CHAIR**

1. Chaired Session I of National Seminar on “*Socio-Economic Root Causes of Biodiversity Loss*” at Department of Botany, S. N. College, Kannur, January 24 – 25, 2014.
2. Chaired Session “Importance of Taxonomy” in National Seminar on *Importance of Taxonomy*” at Department of Botany, St. Mary’s College, Sulthan Bathery, March 8 – 10, 2017.
3. Judge for District level Competitions (Oral & Poster) of “25<sup>th</sup> *National Children’s Science Congress*”, organized by KSCSTE at Govt. High School Hosdurg on 28.10.2017.
4. Judge for District level Competitions (Oral & Poster) of “26<sup>th</sup> *National Children’s Science Congress*”, organized by KSCSTE at Jawahar Navodaya Vidyalaya, Periyekulam, Kasaragod on 30.10.2018.
5. Judge for District level Competitions (Oral & Poster) of “27<sup>th</sup> *National Children’s Science Congress*”, organized by KSCSTE at Jawahar Navodaya Vidyalaya, Periyekulam, Kasaragod on 16.11.2019.
6. Judge for District level Competitions (Oral & Poster) of “28<sup>th</sup> *National Children’s Science Congress*”, organized by KSCSTE at Govt. College, Kasaragod on 12.01.2021.
7. Judge for District level Competitions (Oral & Poster) of “29<sup>th</sup> *National Children’s Science Congress*”, organized by KSCSTE at Govt. College, Kasaragod on 25.11.2021.
8. Judge for District level Competitions (Oral & Poster) of “30<sup>th</sup> *National Children’s Science Congress*”, organized by KSCSTE at Nehru Arts and Science College Kanhangad on 26.11.2022.

9. Judge for District level Competitions (Oral & Poster) of “31<sup>st</sup> National Children’s Science Congress”, organized by KSCSTE at Nehru Arts and Science College Kanhangad on 08.11.2023 and 11.11.2023.

#### **ORIENTATION / REFRESHER / SHORT-TERM COURSE PARTICIPATED**

1. Participated and successfully completed 23<sup>rd</sup> Orientation Programme of UGC – HRDC, Kannur University from 21.07.2015 to 17.08.2015.
2. Participated and successfully completed Refresher Course in “*Bioinformatics, Molecular Biology and Microbiology*” of UGC–HRDC, Kannur University from 14.02.2018 to 06.03.2018.
3. Successfully completed A Short Term Course (Online) in “*E-Teaching with Learning Management Systems*” organized by The All Kerala Private College Teachers Association in June 2020.
4. Successfully completed Ten-Day Online Training Programme in “*Learning Management System (LMS) and Moodle*” organized by the Academic Committee, AKGCTA from 01.07.2020 to 10.07.2020.
5. Successfully completed “*21 Days Online GIS Training Program Using QGIS*” organized by Dept. of Geography, Central University of Karnataka and State Institute of Urban Development Karnataka from 13.07.2020 to 02.08.2020.
6. Successfully completed One Week Online Short-term Faculty Development Programme on “*Pedagogical and E-Learning Tools for Teaching*” in asynchronous mode as MOOC with four quadrants by SD College Alappuzha in collaboration with Kerala State Higher Education Council from 04.08.2020 to 10.08.2020.
7. Successfully completed (with A Grade) One Week Online Short Term Faculty Development Programme on “*Towards a Digital Era of Teaching and Learning*” as MOOC with four quadrants organized by UGC-HRDC, University of Kerala in collaboration with KSMDDB College Sasthamcotta from 12.08.2020 to 18.08.2020.
8. Successfully completed (with A Grade) One Week Online Short Term Faculty Development Programme on “*ICT Tools for Teaching Learning Process – Post Pandemic Education Strategies*” as MOOC with four quadrants organized by Dept. of Physics and IQAC, SN College Kollam in collaboration with The Kerala State Higher Education Council from 17.08.2020 to 23.08.2020.
9. Successfully completed One Week Online Short Term Faculty Development Programme on “*Digital Learning – New Normal Mode*” as MOOC with four quadrants organized by Devaswom Board College Thalayolaparambu in collaboration with UGC-HRDC, University of Kerala from 04.09.2020 to 10.09.2020.
10. Successfully completed One Week (5 Days) Online Faculty Development Programme on “*Online Education in Higher Education Institutions*” organized by the Kerala State Higher Education Council in association with Educational

Multimedia Research Centre, University of Calicut from 19.10.2020 to 23.10.2020.

11. Participated and successfully completed Online Refresher Course in “*Biological Sciences*” of UGC–HRDC, Kannur University from 09.12.2021 to 22.12.2021.

## **ONLINE COURSES**

1. Successfully Completed Online Certificate Course “*In – Linea: E Learning and Digital Culture*” organized by IQAC, Sir Syed College Taliparamba during COVID 19 Lockdown Period (May, 2020).
2. Successfully completed Online Non-Credit Course “*Introduction to Algae*” offered by University of California San Diego through Coursera on 29.05.2020.
3. Successfully completed Online Non-Credit Course “*Wood Science: Beyond Building*” offered by West Virginia University through Coursera on 10.06.2020.
4. Successfully completed Online Non-Credit Course “*Ecology: Ecosystem Dynamics and Conservation*” offered by American Museum of Natural History and Howard Hughes Medical Institute through Coursera on 14.06.2020.
5. Successfully completed Online Non-Credit Course “*Introduction to the Biology of Cancer*” offered by John Hopkins University through Coursera on 26.06.2020.

## **WORKSHOPS / SEMINARS/ CONFERENCES PARTICIPATED**

1. Participated in one day seminar on ‘*Biodiversity of Fungi and Ferns*’ at Dept. of Botany, S. N. College, Kannur, on February 4, 2005.
2. Participated in one day seminar on ‘*Current Trends in Biotechnology*’ at Dept. of Biotechnology, Sir Syed College, Taliparamba on January 5, 2006.
3. Participated in ‘*Nineteenth session of Kerala Science Congress*’ held at Kannur on January 29 – 31, 2007.
4. Participated in one day National seminar on ‘*Recent Trends in Molecular Biology*’ at Govt. College, Kasaragod on March 4, 2008.
5. Participated in “*Workshop on Plant Taxonomy*” at M. S. Swaminathan Research Foundation, Wayanad from 19th to 23rd February, 2009.
6. Participated in National Conference on “*Environmental Challenges and Sustainable Development*” at Department of P. G. Studies and Research in Botany, Sir Syed College, Taliparamba, March 4 – 5, 2009.
7. Participated in “*Workshop on Science Writing in Malayalam*” at KVK, CPCRI, Kasaragod from 9<sup>th</sup> to 13<sup>th</sup> March, 2009.

8. Participated in National seminar on '*Taxonomy vis a vis Conservation*' at Govt. College, Kasaragod on December 17, 2009.
9. Participated in "22<sup>nd</sup> session of Kerala Science Congress" held at KFRI, Peechi, January 28 – 31, 2010.
10. Participated in National Workshop on "*Intellectual Property Rights and Economic Development in the Knowledge Era*" at Govt. College, Kasaragod on March 25, 2010.
11. Participated in National Workshop on "*Aspects and Prospects of Plant Taxonomy Teaching and Research*" at Sasthra Bhavan, Pattom, Thiruvananthapuram, October 29 – 30, 2010.
12. Participated and successfully completed the Refresher course in "*Plant Taxonomy*" at TBGRI, Palode, Thiruvananthapuram, December 6 – 10, 2010.
13. Participated in National Seminar on "*Recent Advances in Mycology*" at Govt. College, Kasaragod on October 25, 2013.
14. Participated in National Seminar on "*New Perspectives on Decentralisation: Youth, Women, Marginalised and Local Level Development*" at Dept. of History, Nehru Arts & Science College Kanhangad, October 9 – 10, 2015.
15. Participated in "Technical Support Group (TSG) meet as a part of National Biodiversity Fest – 2016", organized by Kerala State Biodiversity Board at Kottayam on 18.02.2016.
16. Participated in National Seminar on "*Aquaculture – AQUA 16*" at Dept. of Zoology, Nehru Arts & Science College Kanhangad, March 10 – 11, 2016.
17. Participated in "*The Orientation Workshop for Evaluators of District Level National Children's Science Congress – 2018*" organized by KSCSTE at Kozhikode on 24.10.2018.
18. Participated in "*District Level Cluster Workshop for Internal Mentors of Walk With a Scholar Programme*" at Govt. College Kasaragod on 14.11.2018.
19. Participated in "*B. Sc. Botany Curriculum – Syllabus Restructuring Workshop*" of Kannur University at S. N. College, Kannur on 02.05.2019.
20. Participated in Three Days National Workshop (Online) on "*Career Opportunities and Personality Development for the Students of Life Sciences*" organized by Dept. of Botany, Dharampeth M. P. Deo Memorial Science College, Nagpur, May 25 – 27, 2020.
21. Participated in National Webinar Series (Online) "*Luminaire – 2020 Episode 01 on Covid 19*" organized by Life Science Departments of Payyanur College, Payyanur on 23.05.2020.

22. Participated in National Webinar (Online) on “*Conservation of Biodiversity in Kalyana Karnataka Region, Opportunities and Challenges*” organized by Loyola College Manvi, Raichur on 05.06.2020.
23. Participated in National Webinar (Online) on “*Conserve & Celebrate Biodiversity*” organized by ICAR – Indian Institute of Horticultural Research, Bengaluru on 05.06.2020.
24. Participated in International Webinar (Online) “*DOCTRINA – 11 on Plant Functional Biology*” organized by Dept. of Post Graduate Studies and Research in Botany and IQAC, Sir Syed College Taliparamba, June 05 – 07, 2020.
25. Participated in National Webinar (Online) on “*Role of Chromosome in Plant Taxonomy*” organized by Dept. of Botany and IQAC, VIVA College Mumbai on 15.06.2020.
26. Participated in National Webinar (Online) on “*Recent Trends in Plantation Crops*” organized by Dept. of Botany, St. Aloysius College (Autonomous) Mangaluru on 16.06.2020.
27. Participated in International Webinar (Online) on “*Genetically Modified Cotton Plants Produce Tocotrienols: Important Vitamin E Components for Added Nutritional and Medicinal Value*” organized by IQAC and Dept. of Botany, Raja Lakhamagouda Science Institute, Belagavi on 30.06.2020.
28. Participated in National Webinar (Online) on “*Book Culture and Reading Habits*” organized by IQAC and Dept. of Library and Information Center, Raja Lakhamagouda Science Institute, Belagavi on 01.07.2020.
29. Participated in International Webinar (Online) on “*Fire Ecology in Neotropical Forests and Savannas*” organized by Dept. of Botany and Nature Club, Sree Vidyadhi Raja NSS College, Vazhoor on 09.07.2020.
30. Participated in National Webinar (Online) on “*Biodiversity and Conservation*” organized by PG Dept. of Botany and Nature Club, Sree Vidyadhi Raja NSS College, Vazhoor on 15.07.2020.
31. Participated in Online “*Kargil Vijay Diwas Quiz*” organized by the Ministry of Human Resource Development, Govt. of India on 26.07.2020.
32. Participated in Online “*Environmental Awareness Quiz*” organized by OIKOS (Eco-Club), BMS Institute of Technology and Management, Bengaluru on 28.07.2020.
33. Participated in Online Certificate Course on “*Herbal Boosters – To Stay Amid Covid – 19*” organized by Dept. of Botany, St. Agnes College, Mangaluru on 29.07.2020.
34. Participated in International Webinar (Online) on “*Viral Diseases and its Ayurveda Management*” organized by Sri Raghavendra Ayurveda Medical College and Hospitals, Malladihalli from 11.08.2020 to 13.08.2020.

35. Participated in Komorebi – National Webinar Series (Online) on “*Indigenous and Exotic Species Status in Gardens of Kerala*” organized by Dept. of Botany and IQAC, Nirmalagiri College Kuthuparamba on 20.08.2020.
36. Participated in National Level Online “*Sports Quiz Competition – August 2020*” organized by Dept. of Physical Education, St. Mary’s College, Sulthan Bathery from 28.08.2020 to 30.08.2020.
37. Participated in International Webinar Series (Online) on “*Grasses and Grasslands*” organized by Dept. of Botany in association with Botany Alumni and IQAC, SN College Kannur on 14.09.2020.
38. Participated in National Webinar (Online) on “*A Re-Look at Teachers at the Backdrop of NEP-2020*” organized by the IQAC, NAS College Kanhangad under UGC-Paramarsh Scheme on 26.09.2020.
39. Participated in National Webinar (Online) on “*Plant Taxonomy and Ethnobotany in India – Future and Challenges*” – Dr. E K Janaki Ammal Memorial Lecture Series organized by NMNH, New Delhi and TDU, Bengaluru from 04.11.2020 to 06.11.2020.
40. Participated in Workshop on “*Institutional Preparedness for NEP 2020 – A perspective from Assessment and Accreditation*” under UGC-Paramarsh Scheme organized by the IQAC, Nehru Arts and Science College Kanhangad on 26.11.2022.

## **ORGANIZING SEMINARS**

1. Coordinator of National Webinar on “*Flowering Plant Diversity of the Western Ghats*” organized by the Dept. of Botany & Bhoomithrasena Club, Nehru Arts and Science College Kanhangad on 19.09.2020.

## **REVIEWER**

1. Nordic Journal of Botany
2. Taiwania
3. Asian Journal of Ethnobiology

## **EXTENSION ACTIVITIES**

1. Chief guest for “Independence Day Programme 2016” of Sky Blue Sports & Arts Club (R), Mundithadka, Kasaragod on 15.08.2016.
2. College Union Inauguration and Inaugural Address at Malik Deenar College of Pharmacy, Kasaragod on 07.01.2017.

3. Plant Identification Service for B Pharm Projects of Crescent College of Pharmaceutical Sciences Pazhayangadi, December 2019.
4. Plant Identification Service for B Pharm Projects of Malik Deenar College of Pharmacy, Seethangoli, December 2019.
5. Plant Identification Service for M Pharm Projects of Shree Devi College of Pharmacy, Mangalore in January 2021.
6. Plant Identification Service for B Pharm Projects of Crescent College of Malik Deenar College of Pharmacy, Seethangoli in December 2021.
7. Presiding Officer for Kerala Local Body Elections 2020 (14.12.2020).
8. Presiding Officer for Kerala Legislative Assembly Elections 2021 (06.04.2021).
9. Sector Magistrate (Covid Special Duty) of Meenja Panchayath and Paivalike Panchayath of Kasaragod District from 04.06.2021 to 05.07.2021.
10. Plant Identification Service for M Pharm Projects of Rajiv Gandhi Institute of Pharmaceutical Sciences & Research, Trikaripur in December 2023.

#### **MEMBER**

- Life Member of Indian Association of Angiosperm Taxonomy (IAAT).
- Kasaragod District Technical Support Group (TSG) Member of Kerala State Biodiversity Board (From 2016 onwards).
- Board of Studies – Botany (PG) of Kannur University from 06.08.2018 to 06.08.2020 and 11.06.2021 onwards.
- Kannur University Examination Inspection Squad (Team I) – October, November, December 2018, March, April, May 2019, October, November 2019 and March, April, May 2020.

#### **POSITIONS HELD AT COLLEGE**

- Staff Advisor, College Union 2021 – 2022
- Co-ordinator of Lahari Virudhavedi
- Co-ordinator of Health Club
- Co-ordinator of Centre for Development of Linkages and Collaboration
- Internal Mentor of Walk With A Scholar

- Member of Bhoomitra Sena Club
- Member of Biodiversity Club
- Member of Science Club
- Member of Admission Committee
- Member of Academic Monitoring Committee
- Member of Annual Stock Verification Committee
- Member of Vigilance Committee
- Member of NASC'S Anti-Narcotics Cell
- Member of Scholarship Verification Committee
- Member of NASC Doctoral Award Committee
- Member of PDRF Monitoring Committee
- Member of FIST Scheme – Implementation Committee
- Internal Mentor in NASC'S Mentoring System
- Member of Campus Development and Beautification Committee
- Member of College Canteen Committee
- Member of Programme Committee of Kannur University Kalolsavam