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Educational qualification: M.Sc., M. Phil, Ph.D.
Field of specialization: Plant taxonomy, Biodiversity & conservation
Teaching experience: 34 years
Field of interest: Social movements & Activism,
Panchayath Raj Institutions & decentralization

Publications

Sharvani, K.A. (2022). Ethnobotanical practices of Kodavas, Kodagu District of Karnataka state, India. Asian Journal of Science and Technology. <https://www.journalajst.com/sites/default/files/issues-pdf/9023.pdf>

Mahadevakumar S., Joy J., Mamatha Bhanu L.S., Niranjan Raj S., **Sharvani K.A.**, Sowmya R., Chandranayaka S. (2022). First report of *Lasioidiplodia theobromae* associated with panicle blight of grapes (*Vitis vinifera* L.) in India. **Plant Disease**. 2022 Jun 6. doi: 10.1094/PDIS-04-22-0867-PDN. Epub ahead of print. PMID: 35668057

Jagadeesh, D., Rakshith, **K. A. Sharvani**, N. S. Devaki. (2022). Evaluation of virulence and race identification of rice-blast fungus *Pyricularia oryzae* isolated from different districts of Karnataka, India. **Archives of Phytopathology and Plant Protection**, 55:10, 1265-1282, DOI: 10.1080/03235408.2022.2087439.

Mahadevakumar, S., Joy, J., Mamatha Bhanu, L.S., **Sharvani, K.A.**, Niranjan Raj S., Chandranayaka, S. (2022). First report of *Athelia rolfsii* (= *Sclerotium rolfsii*) associated with southern blight disease of *Macrotyloma uniflorum* in India. **Plant Disease**. 2022 Feb 8. doi: 10.1094/PDIS-12-21-2835-PDN.

Tejaswini, G. S., Mahadevakumar, S., Sowmya, R., Deepika, Y. S., Meghavarshinigowda, B. R., Nuthan, B. R., **Sharvani, K. A.**, Amruthesh, K. N., Sridhar, K. R. (2022). Molecular detection and pathological investigations on southern blight disease caused by *Sclerotium rolfsii* on cabbage (*Brassica oleracea* var. *capitata*): A new record in India. **Journal of Phytopathology**, 00, 1–10.

Sharvani, K.A., Chandrakanth, Devaki, N.S. (2021). Conservation efforts for endemic *Elaeocarpus* species of Western ghats, Karnataka, India by effective seed germination technique. **International Journal of Recent Scientific Research**, 12: 43387-43393.

Sharvani, K.A., Jagadeesh, D., Devaki, N.S. (2021). Phytochemical Analysis of *Elaeocarpus* Species of Western Ghats of Karnataka. **Journal of Advanced Scientific Research**.: 12(2): 354-362.

Sharvani, K.A. and Devaki, N.S. (2014). Distinct characters of *Elaeocarpus*, a conservation dependent endemic genus of Western Ghats. *Acta Biologica Indica*, 3(2): 663-667.

Sharvani K A, Jagadeesh D, Chandrakanth R, Sumana K, Seema M and Devaki N. S. (2015). Antimicrobial assay of *Elaeocarpus* species of Western ghats of Karnataka. *Asian Journal of Pharmaceutical Analysis and Medicinal Chemistry*. 3(1): 14- 19.

Sharvani, K.A., Sadananda, K.B, Sampath Kumara, K.K. and Devaki, N.S. Floristic Study of Kikkarally, a village located in the Western Ghats, A Biodiversity hot spot. *Indian J. Trop. Biodiv.* 21(1&2): 1-14(2013)

List of presentations

Sharvani K.A. Jagadeesh D., Chandrakanth R., Sumana K., Seema M and Devaki N.S. 2014. Phytochemical screening and antimicrobial assay of *Elaeocarpus* species of Western Ghats of Karnataka. . In : The Proceedings of International symposium on chemical Biology, Drug discovery Programme held on 9 – 10 Jan 2014 at Manasagangotri Mysore organized by Institution of Excellence (IOE), University of Mysore, Mysore, p.no. 66.

Sharvani K.A and Devaki N.S. 2014. Distinct characters of *Elaeocarpus* a conservation dependent endemic genus of Western Ghats. In: The Proceedings of International conference on Biochemistry, Bioresources and Biotechnology (ICBBB) organized by Association for the advancement of Biodiversity science, and (ABS) society for applied Biotechnology held on 30-31st January 2014, at Quorum Hotel, Mysore, p.no. 18.

Sharvani K.A. Sadananda K.B., Sampath Kumara K.K. and Devaki, N.S. 2012. Plants used in traditional medicine from Kikkarally village of Kodagu District. Poster presented in National Conference Emerging trends in Ayurveda and Herbal drugs. Held at Teresian College, Mysore 22nd and 23rd November 2012.

Sharvani, K.A. and Devaki, N.S. 2010. Floristic study of Kikkarally village of Kodagu District. Paper presented during Dr. Norman E. Borlaug Commemoration National Conference on Plant Diversity and Plant Health, held at Department of Studies in Botany, University of Mysore, Mysore on 11th and 12th March 2010, 115 p.

Academic bodies

- i. Chairperson and member, BOE (Board of Examination) & BOS (Board of studies), Department of Botany, Yuvaraja's college
- ii. Member, BOE, J.S.S. college for Women, Saraswathipuram, Mysuru
- iii. Member, BOE, Maharani's Science college for Women, Mysuru
- iv. Member, BOS, Gulbarga University, Kalaburgi
- v. Member, BOS in Botany (Central Board), Department of Studies in Botany, Manasagangotri, University of Mysore, Mysuru
- vi. Member, BOS in Earth Science (Central Board), Department of Studies in Earth Science, Manasagangotri, University of Mysore, Mysuru

Biodiversity conservation related activities

- Prepared the inventory of ‘Angiosperm Flora of Kikkarally village of Kodagu district’, during which 383 plant species belonging to 95 families were documented; among these 25 species are new record to the ‘Flora of Kodagu District’, Karnataka state. The survey revealed presence of 60 endemic and 6 threatened plant species belonging to different IUCN categories.
- Reported the following 5 new taxa belonging to the family Elaeocarpaceae; the Holotypes are deposited at BSI (Botanical Survey of India), Culcutta.
 - 3 new species: *Elaeocarpus sahyadriensis* Sharvani & Devaki sp. nov.
E. madicariensis Sharvani & Devaki sp. nov.
E. viridisepalus Sharvani & Devaki stat. nov. nom. nov.
 - 2 new varieties: *E. variabilis* var. *saldanhae* Sharvani & Devaki var. nov.
E. variabilis var. *surlabiensis* Sharvani & Devaki var. nov.
- 4 new DNA sequences of *Elaeocarpus* taxa of Western Ghats are submitted and Accession Numbers granted by Genbank
- Plant identification consultancy: providing plant identification consultancy for
 - i. Research purpose, the beneficiaries include staff and students of various Departments of Yuvaraja’s college, Mysuru; Manasagangotri campus, Mysuru; CFTRI (CSIR), Mysuru; DFRL Mysuru *etc.*
 - ii. Compiling campus plant diversity of various educational institutions (Green auditing)
- Coordinator, People Biodiversity Register (PBR) - Coordinated documenting local biodiversity, traditional knowledge through BMC (Biodiversity Management Committees) for feeding country wide, network database BIS (Biodiversity Information System) of 2 GPs in Mysore district.

Developmental activities

- i. Board member, Prajayatna – Karnataka, a Bengaluru based organization working for the systemic change in Govt Primary schools
- ii. Board member, Srishti, Kumta based organization trying to create awareness and conserve Mangrove vegetation along the coast of Uttara Kannada district
- iii. Member, Editorial team of ‘Prajayatna’ news letter
- iv. Member District Committee, CPE (Compulsory Primary Education), Department of Public Instruction, Mysore district
- v. Member TIC (Taluk Implementation Committee) SSA (Sarvashikshana Abhiyana, Dept of Public Instruction, KR Nagara taluk, Mysore district

Life Member

1. Indian Science Congress Association
2. Global Association of Scientific Young Minds-GASYM