List of Publications

1)	**Gondaliya A.D.** and Rajput K.S. (2016). Stem anatomy and development of intraxylary phloem in *Vallaris solanacea* (Roth) Kuntze (Apocynaceae), *Journal of Indian Botanical Society* 95 (1&2): 16-27.
2)	Bagchi D., Dasgupta A., **Gondaliya A.D.** and Rajput K.S. (2016). Insight from the plant world: A fractural analysis to tune mechanical rigidity of scaffolding matrix in thin films, *Advanced Material Research* 1141: 57-64.
3)	**Gondaliya, A.D.** and Rajput, K.S. (2017). Stem anatomy and development of inter-and intraxylary phloem in *Leptadenia pyrotechnica* (Forssk.) Decne.(Asclepiadaceae). *Plant Biosystems*, 151(5), 855-865.
4)	**Gondaliya A.D.** and Rajput K.S. (2016). Root anatomy of *Leptadenia reticulata* (Retz.) Wight & Arn. and *Leptadenia pyrotechnica* (Forssk.) Decne. (Asclepiadaceae), *Journal of Indian Botanical Society*, 95(3-4): 211-217.
5)	Rajput K.S., **Gondaliya A.D.**, Lekhak M.M. and Yadav S.R. (2017). Structure and development of interxylary phloem and secondary xylem from the internal vascular cambium in *Campsis radicans* (L.) Seem. (Bignoniaceae); *Journal of Plant Growth Regulation*, 37: 755-767.
6)	Moya R., **Gondaliya** A.D. and Rajput K.S. (2017). Development of successive cambia and formation of flat stems in *Rhynchosia pyramidalis* (Lam.) Urb. (Fabaceae); *Plant Biosystems*, 152(5): 1031-1038.
7)	Rajput K.S. and **Gondaliya A.D.** (2017). Internal cambium and intraxylary phloem development in *Ipomoea turbinata* Lag. (Convolvulaceae), *Flora* 226: 47-54.
8)	Moya R., **Gondaliya A.D.** and Rajput K.S. (2017). Stem anatomy and development of interxylary phloem in *Strychnos bredemeyeri* (Loganiaceae), *Anales de Biología*, 39: 75-87.
9)	**Gondaliya A.D.**, Lekhak M.M., Yadav S.R. and Rajput K.S. (2018). Structure of secondary xylem and development of intraxylary phloem in *Beaumontia jerdomiana* wight (apocynaceae); *Phyton***,** 57(1-2): 79-90.
10)	Rajput K.S., **Gondaliya A.D.**, Lekhak M.M. and Yadav S.R. (2018). Growth pattern and stem architecture of *Turbina corymbosa* (L.) Raf. (Convolvulaceae); *Plant Systematics and Evolution*, 151(2): 219-230.
11)	Shelke R.A., Ramoliya D.G., **Gondaliya A.D.**, and Rajput K.S. (2019). Development of successive cambia and structure of the secondary xylem in some members of the family Amaranthaceae; *Plant Science Today*. 6(1): 31-39.

12)	Kapadane K.K., Shelke R.A., **Gondaliya A.D.** and Rajput K.S. (2019). Formation of medullary phloem in *Argyreia nervosa* (Burm. f.) Bojer. *Plant Science Today*, *6*(2): 151-159.
13)	Shelke R.A., Kapadane K.K., Ramoliya D.G., **Gondaliya A.D.** and Rajput K.S. (2019). Development of successive cambia and formation of secondary xylem in *Suaeda nudiflora* and *S. fruticosa* (Amaranthaceae *s.l.*). *Flora*, 256:43-51.
14)	Moya, R., **Gondaliya, A.D**., and Rajput, K.S. (2019). Formation of successive cambia and structure of secondary xylem in *Dicranostyles ampla* and *Maripa nicaraguensis* (Convolvulaceae). *Phyton*, 59(1-2): 119-129.
15)	Rajput, K.S., **Gondaliya, A.D.**, and Baijnath, H. (2020). Development of cambial variant and parenchyma proliferation in *Hewittia malabarica* (Convolvulaceae) from India and South Africa. *IAWA Journal*, 42(1): 50-63.
16)	Thacker, K.D., Gavade, S.K., Lekhak, M.M., **Gondaliya, A.D.**, and Rajput, K.S. (2021). Comparison of petiole anatomy in *Flemingia* and its potential for delimitation of species. *Flora*, 278: 151790.
17)	Rajput, K.S., Dayatar, S.R., Lekhak, M.M., and **Gondaliya, A.D.** (2022). Petiole anatomy of some species of *Bauhinia* L. sensu lato (Leguminosae Juss.) occurring in India. *Nordic Journal of Botany*, 2: e03303.
18)	Rajput, K.S., **Gondaliya, A.D.**, and Moya, R. (2021). Structure of the secondary xylem and development of a cambial variant in *Serjania mexicana* Sapindaceae). *IAWA Journal*, 43(1-2): 103-115.
19)	Choudhary, S.P., Saran, P.L., Patel, R.S., **Gondaliya, A.D.**, & Rajput, K.S. (2022). Influence of burl disease on fruit yield and biochemical composition in mango cv. Rajapuri from Gujarat. *Indian Phytopathology*, 75(2), 419-428.
20)	Rajput, K.S., Kapadane, K.K., Ramoliya, D.G., Thacker, K.D., and **Gondaliya, A.D.** (2022). Inter-and Intraxylary Phloem in Vascular Plants: A Review of Subtypes, Occurrences, and Development. *Forests*, 13(12): 2174.
21)	Ramoliya, D.G., **Gondaliya, A.D.**, Raole, V.M., and Rajput, K.S. (2022). Structure and development of phloem in some species of *Merremia* Dennst. ex Endl. sensu lato (Convolvulaceae). *Nordic Journal of Botany*, e03776.