Name : **Dr. Remeshkumar. S. M.Sc, Ph.D**

Designation : **Assistant Professor**

Department : **Botany**

Email : **remeshsurya70@gmail.com**

Mobile : **9447255307**

Education

Doctor of Philosophy in Botany from University of Kerala (2002).

Master of Science in Botany from University of Kerala(1994) .

Bachelor of Science in Botany from University of Kerala(1990) .

Specialization

Plant Biotechnology.

Work Experience

3 Years research experience in Department of Atomic Energy, Government of India sponsored project on *Artificial Induction of mutants for weevil resistance in Sweet potato* at CTCRI, Thiruvananthapuram. (1995—1999).

3 Years Doctoral research experience in Tissue culture studies in *Rauwolfia serpentina.* Benth. (Apocynaceae) under the guidance of Prof.(Dr.)G.M. Nair, at the Department of Botany, University of Kerala.

3 Years research experience in *Tissue culture of medicinal plants*, at Pankaja kasthuri research center, Killy, Kattakada, Thiruvananthapuram.

4 Months Industry experience Tissue culture at Shaili Biotech, Ahmedabad, Gujarat.

Worked as Lecturer in Botany at M.N Science College, Patan, affiliated to Hemchandracharya North Gujarat University from June 2008 to December 2009.

Presently working as Assistant Professor of Botany at V T M N S S College, Dhanuvachapuram since 2009 December onwards .

Expertise	Spectrophotometer (Shimadzu UV-160 A), Cooling Centrifuge(Remi C-30), HPLC (Shimadzu LC-10AD/SPD-10A /C- R 7A Plus), Ultracentrifuge, Electrophoresis, RAPD, Various techniques in tissue culture and working knowledge of computers.
Publications	1. S.Jayakumar, S.Remeshkumar and K. Vasudevan. 1997. Mutagenic responses of sweet potato propagules to EMS and Gamma ray. *J.Root Crops*.23(2): 95-99. 2. S. Remeshkumar. 2017. *Invitro* shoot proliferation in *Rauwolfia serpentina* Benth., an endangered medicinal plant. *IJRAR* .April 2017. Volume 4, Issue 2 3. S. Remeshkumar. 2018. Somatic Embryogenesis and Plant Regeneration from leaf segments of *Rauwolfia serpentina* Benth. an endangered medicinal plant. *IJRAR* .March 2018. Volume 5, Issue 1. 4. S. Remeshkumar. and G.M.Nair. 2018. Assessment of Genetic Variability in *Rauwolfia serpentina*. Benth., an endangered medicinal plant Using RAPD. *Trends in Biosciences* 11(7). ISSN.0974—8431,1675—1679.
Paper Presentations	1. S.Remeshkumar, S.Jayakumar, M.S. Palaniswami and K. Vasudevan.Artificial induction of mutants for weevil resistance in Sweet potato. DAE-BRNS *Symposium* BARC, Mumbai ; October 7—9, 1996. 2. S.Remeshkumar, S.Jayakumar, M.S. Palaniswami and K. Vasudevan. Induced variation for weevil resistance in Sweet potato. *International Meet on Tropical Tuber Crops,* Thiruvananthapuram, November. 10—12., 1996. 3. S.Remeshkumar,K.G.Vani, A.S. Rubin Jose and G.M.Nair. Micropropagation of *Datura metel.* Linn. through shoot multiplication and indirect organogenesis. *Recent trends in Plant Science Research.—National Symposium* at Department of Botany, University of Kerala, Thiruvananthapuram. April. 17—19., 2000. 4. S.Remeshkumar,M.Geetha and G.M.Nair. Exploitation of Vasicine alkaloid from *Adathoda* species through various *invitro* techniques. Biotechnological Investigations in Conservation and analysis of plant diversity. *Symposium* at DUBS Delhi.., February 7—9. 2001.

5. S. Remeshkumar. and G.M.Nair. Ajmalicine production in *invitro* cultures of *Rauwolfia serpentina*. Benth.,National symposium at TNAU. Coimbatore, December . 12—14. 2001.
6. S. Remeshkumar. and G.M.Nair. Somatic embryogenesis and plantlet development in *Rauwolfia serpentina*. Benth. an endangered medicinal plant : UGC National seminar . *Emerging trends in Plant Sciences*, Annamalai University., March. 15—16, 2003.
7. Induced variation for weevil resistance in Sweet potato. *International Meet on Tropical Tuber Crops,* Thiruvananthapuram, November. 10—12., 1996.
8. S.Remeshkumar,K.G.Vani, A.S. Rubin Jose and G.M.Nair. Micropropagation of *Datura metel*. Linn. through shoot multiplication and indirect organogenesis. *Recent trends in Plant Science Research*.—*National Symposium* at Department of Botany, University of Kerala, Thiruvananthapuram. April. 17—19., 2000.
9. S.Remeshkumar,M.Geetha and G.M.Nair. Exploitation of Vasicine alkaloid from *Adathoda* species through various *invitro* techniques. Biotechnological Investigations in Conservation and analysis of plant diversity. *Symposium* at DUBS Delhi.., February 7—9. 2001.
10. S. Remeshkumar. and G.M.Nair. Ajmalicine production in *invitro* cultures of *Rauwolfia serpentina*. Benth.,National symposium at TNAU. Coimbatore, December . 12—14. 2001.
11. S. Remeshkumar. and G.M.Nair. Somatic embryogenesis and plantlet development in *Rauwolfia serpentina*. Benth. an endangered medicinal plant : UGC National seminar . *Emerging trends in Plant Sciences*, Annamalai University., March. 15—16, 2003.

Seminars attended

International : One
National : Fifteen