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Dr. Smita C. Pawar is currently the Head and Associate Professor in the Department of Genetics at Osmania University and has been a faculty member here since 2004.

Dr. Pawar earned her MSc. in Genetics and PhD with highest honours at Osmania University, Hyderabad. She won prestigious awards and scholarships like State Best Young Teacher Award (2016), DST BOYSCAST FELLOWSHIP-2012, Young Investigator Award etc. to name a few. She presently has ongoing major research projects from SERB, ICMR and UGC-UPE and has published her research work in international journals of repute. She has delivered several invited talks in conferences and workshops at Egypt, Poland, USA and Australia. Her research specialisation is in the field of Cancer Genetics and therapeutics. Currently five research scholars are pursuing their PhD under her supervision and one ICMR WoS is carrying her post-doctoral research in her mentorship.

Research Interests:

Cancer Genetics, Epigenetics, Angiogenesis, Drug Designing, Endogenous Angiogenesis Inhibitors

- Understanding cellular and molecular mechanisms involved in tumorigenesis and angiogenic pathways.
- Understanding the molecular mechanism involved in prognosis of Cervical Cancer.
- Developing novel Therapeutic strategies for solid tumours.

Awards/ Honours/ Patents and Fellowships:

- State Best Young Teacher Award(2016),
- EMBO Travel award, TNGS, Poland(2016),
- Young Scientist Award by BMMRC (2014),
- 5th Mayo clinic angiogenesis symposium travel award, USA (2012),
- DST-BOYSCAST fellowship (2011),
- Process Patent Filed (*filing number: 201741035229; 2017*).