Guidelines of PHD

DR. ROOPA.R (MBBs,MS, Anatomy)

Dob: 22/02/1961

Professional appointment

Organization	Duration	Designation
St. John's Medical College, Bangalore	01st July 2005	● **Professor, Department of Anatomy (Former HOD, BOS Committee Member RGHUS for PhD, UG, PG)**
	15th January 2001 to 30th June 2005	● **Associate Professor, Department of Anatomy**
	01st January 1994 to 14th January 2005	● **Assistant Professor, Department of Anatomy**
	01st October 1992 to 31st December 1993	● **Lecturer , Department of Anatomy**
	02nd April 1988 to 30th September 1992	● **Tutor**

qualification

Degree	Institution	Duration
MS (Anatomy)	St. John's Medical College, Bangalore University	1992
MBBS	Thanjavur Medical College , Madras University	1984

Completed Projects

- Collaborated with Centre for Chronic Disease Control and Prevention; Division of Diabetes translation, Atlanta, USA.
- Neurogenesis of hippocampal neurons in 6ECS model in rats. Dr. Roopa Ravindranath, Dr. Ranganath (SJMC Research Society

Completed PhD projects (in collaboration with NIMHANS AND NCBS, Bangalore)

The finger tip ridge count gradient as a marker of early gestational metabolic programme

- Influence of Electro convulsive shock (ECS) dosing on ECS induced neuroplasticity in the rat hippocampus" – Mrs.J.S. Smitha (2009). – Completed
- "Influence of Electro convulsive shock (ECS) dosing on ECS induced neuroplasticity in the rat amygdala" – Mr. Nagarchi Khaleel (2009) – Completed

Ongoing PhD Project

- Gross and micro neurosurgical anatomy of tonsil, flocculonodualar lobe and dentate tubercle of human cerebellum – a white matter fiber dissection study. – Ongoing (2016)

Area of Interest

- **Neuroplasticity & Neuroanatomy**

Publications

1. Finger print ridge count difference between adjacent fingertips (dR45) predicts upper-body tissue distribution: Evidence for earlygestational programming. Hentry S.Kahn, Roopa ravindranath, Rodolfo valdez and K.M.Venkat Narayan. American J of epidemiology, Vol. 153 (4) Feb 15, 2001. (Impact factor 5.230) Cited by 44.

2. Electroconvulsive Therapy Attenuates Dendritic Arborization in the Basolateral Amygdala, Khaleel N, Roopa R, Smitha JS, Andrade C. Journal of ECT, 29(3), 2013, pp 156-7. (Impact factor 1.896), Cited by 14.

3. Khaleel N, Roopa Ravindranath, Chittaranjan Andrade, Sagar C S. Images in electro convulsive therapy: pilot impressions suggesting that ECT reduces excitatory synapses in the basolateral Amygdala. Indian Journal of Psychiatry, 55 (2), 2013, pp 204 -5. (Impact factor), Cited by 8.

4. JSM Smitha, Roopa Ravindranath Khaleel, Nagarchi Kutty, Bindu M. Andrade, Chittaranjan, Images in Electroconvulsive Therapy: ECS dose – dependently increases dendrite arborization in the CA1 region of the rat hippocampus. Journal of ECT, 30 (3), 2014, PP 191- 192. (Impact factor 1.896) Cited by 7

5. JSM Smitha, Roopa Ravindranath, Sagar, BK Chandrasekhar, Kutty, Bindu Andrade, Chittaranjan ECS dose-dependently increases cell proliferation in the sub granular region of the rat hippocampus. Journal of ECT, 30 (3), 2014, pp 193-194. PMID: 24901429.(Impact factor 1.896),Cited by 8