

Report on Action Lab Day 2, 14.6.2014

Dr. Tennarasu K, Professor and Mr. Revi, PhD Scholar of Dept of Biostatistics, NIMHANS were the resource persons for the 14th Saturday session of Action Lab on “Research Proposal writing (selecting research design and sampling designs”. The sessions started with Dr. Tenarasu’s introduction to students about briefing importance of sampling and research designs. Mr. Revi introduced, sampling designs – classification of sampling methods, statistical terms, formulas and software to calculate sample size – R’ Software, G * power, options of different statistical tests, PASS home version, Rao software – online sample calculators for surveys. Dr.Tennasasu K, discussed about variable measurement – categorical and continues variable measurement, hypothesis testing, clarified student’s doubts related to proposal writing. Students discussed their topic, objectives, design and sample size with Dr. Tennarasu and he explained the application of tools in different setting, research designs, sampling techniques, inclusion and exclusion criteria and how to write research objectives. All students could meet all faculty members to clarify their understanding about the research topic and to continue with research process procedures. The sessions started at 9 am and ended at 1pm. This session imparted very significant prospect on research design, sampling and construction of objectives.