



RUSA Centre for Herbo-Medicinal Studies

Rashtriya Uchchattar Shiksha Abhiyan (RUSA) ("National Higher Education Mission") is a holistic scheme of development for higher education in India initiated in the year 2013 by the Ministry of Human Resource Development (HRD), Government of India. The centrally sponsored scheme aims at providing strategic funding to higher educational Institutions throughout the country. The main goal of RUSA is to improve quality of education, create atmosphere to devote higher education towards research and development. Funding is provided by the central ministry through the State Governments and Union Territories (UT), which in coordination with the central Project Appraisal Board will monitor the academic, administrative and financial advancements taken under the scheme.

As a part of RUSA program, SRTM University, Nanded received the funds for the development of RUSA center for Herbo-Medicinal studies. A well-equipped laboratory has been established in RUSA centre in the year 2016 for technology transfer related collaborative projects with major emphasis on isolation of actives/phytochemical from the medicinal plants. In this Central facility researchers/industrialists/academia's can utilize the resources present in center or avail an experts help on the chargeable basis. Current centre is especially for the isolation of active constituents from the herbs through advanced equipments available in the centre like Preparative HPLC and flash system. Other developmental activities related to research can also be completed here. Centre provides basic equipment facilities which is not only useful for the isolation of actives from locally available medicinal plants but also for the technology transfer to researchers of colleges affiliated to University, Industry and other University staff. The Centre is established for the students, research scholars and teachers of the university who are actively engaged in R&D activities in the emerging areas of science and technology.

The **RUSA Centre** is presently having sophisticated instruments like fully automated preparative HPLC and Flash system, Micro plate reader, Nano drop UV-Vis spectrophotometer, Freeze Dryer (Lyophilizer), Flame Photometer, All Purpose Equipment (Granulation of Solid Oral), Fluid bed dryer, Electromagnetic Sieve Shaker With accessories, Analytical Balance, Rota evaporator, Digital potentiometer, digital pH conductometer, melting point/

boiling point apparatus, muffle furnace, circulating water bath, water purification system HPLC grade water, Clevenger apparatus, hot air oven etc. Industrial experts like Mr. Atish Salunkhe, Chairman, Bhoomi Nutraceuticals, Nanded and Mr. Abhijeet Goswami, Partner, Supreme Silicones, Aurangabad are part of center to help and guide the facility users.

