



MANGALORE UNIVERSITY

**The performance of the institution in one area distinctive to its vision,
priority and thrust**

The vision of our university is to evolve as an international centre for advanced studies. To augment and strengthen this, research in frontline areas is being undertaken by the researchers of the university with the financial support of national and international funding agencies. European Studies under Erasmus Jean Monet module based in the Department of Political Science, a major research project in the Department of English and the programs organised through the Centre for Advanced Studies scheme in the S.V.P. Institute of Kannada Studies are a few instances of the research conducted in Humanities during 2018-19.

The Centre for Advanced Research in Environmental Radioactivity (CARER), Centre for Application of Radioisotopes and Radiation Technology (CARRT) and Microtron Centre are the three centres on the campus which are actively involved in research activities in the field of Radiation Physics and allied sciences. These centres serve as national Centres of Excellence to cater to the needs of the researchers with funding from BRNS, BARC, DAE, DST, UGC, etc. All the three centres are unique in the country in their own way and are involved in advanced research in the field of Radiation Protection, Radioecology, Radiation effects on functional materials, Radiation processing, Radiobiology, development of new techniques for radiation measurements and some studies in Nuclear Physics. The studies are being carried out in collaboration with sister universities of the region, national laboratories and a few international research centres through established memorandums of understanding. One of the centres, CARER, has established three memoranda in the year 2018-19 with the National Institute for Radiological Sciences Japan, Horosaki University Japan and Lund University Sweden.

The research publications that have emerged as a result of in-depth research programs have helped the university to get recognised under PURSE program of DST, Govt of India with funding for establishing special laboratories for researchers on and off the campus. The facility established under this program has sophisticated research equipment such as Single Crystal X-ray diffractometer, Liquid Chromatography Mass Spectrometer, Amino Acid Analyser, FESEM, Energy Dispersive Spectrometer, Simultaneous DSC-TGA, RF /DC magnetron Sputtering Unit, UV-Vis Spectrophotometer, Cryogenic Workstation, Logic Analyser and other equipment for research in Molecular Biology.

The University shares its knowledge with the neighbourhood community through the publication wing “Prasaranga” by arranging a series of lectures and publishing books on current issues. Workshops and training programs on issues like gender equity, women empowerment are also organised by the Centre for Women’s Studies. The Yakshagana Study Centre regularly arranges lectures and workshops, and honours senior Yakshagana artists besides training students from the neighbouring schools. The emphasis on research and extension thus builds up on all fronts – science, arts and culture, to produce well-rounded personalities to contribute to nation building.


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