

Document for Collaborative Activities

Date: 6 Sept. 2019

Organization of Collaborative Activities for the development of Research Ecosystem

Government college of Arts and Science, Aurangabad and Vidya Bharati Mahavidyalaya, Amravati will organize collaborative activities in the field research through IQAC. It will be beneficial for both the institutions to achieve excellence in the field of research related activities.

Principal
Government College of Arts and Science,
Govt. College of Arts & Science
Aurangabad

Principal
Vidya Bharati Mahavidyalaya,
Amravati



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Prof. P. G. BANSOD
Co-ordinator
Internal Quality Assurance Cell
Vidya Bharati Mahavidyalaya
Camp Amravati (M.S.)

Activity Report

Date: 10 Oct-2019

Activities organized under Collaboration


Brief Description of an activity:

Faculties from both institute work in the field of Computer-Aided Drug Discovery. Vidya Bharati Mahavidyalaya, Amravati have an advance research infrastructure such as Computational Facility, Research Laboratory, etc. Collaborative research in the CADD Various Drug Discovery software namely PyDescriptor- PyMOL Plugin, etc. are being used. QSAR Modelling, Molecular Docking, Molecular Dynamic Simulation etc. CADD approached are deployed. Quality Research Articles are published in reputed journals of high impact factors

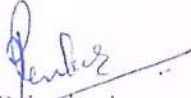
Details:


SN	Title of Collaborative Activity	Date and Year	Name of the Teacher Researcher participated with college name
01	Extending the identification of structural features responsible for anti-SARS-CoV activity of peptide-type compounds using QSAR modelling	2020/9/1	Dr. Vijay Masand. Associate Professor Vidya Bharati Mahavidyalaya, Amravati And Dr. Archana Chapolikar. Assistant Professor Government College of Arts and Science, Aurangabad
02	Structure features of peptide-type SARS-CoV main protease inhibitors: Quantitative structure activity relationship study	2020/11/15	


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