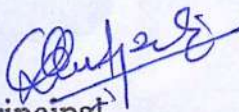



## Document for Collaborative Activities


Date: 31/12/2021

Organization of Collaborative Activities for the development of Research Ecosystem


*Government college of Arts and Science, Aurangabad and Dr. Rajendra Gode Institute of Pharmacy, university mardi road, 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,  
Aurangabad

  
Principal  
Dr. Rajendra Gode Institute  
of Pharmacy, Amravati  
Principal/Director/Head  
Dr. Rajendra Gode Institute of  
Pharmacy, Amravati

  
Coordinator, IQAC  
Government College of Arts and Science,  
Aurangabad



  
Coordinator, T & P Cell  
Dr. Rajendra Gode Institute of  
Pharmacy, Amravati

# Activity Report

Date: 4/08/2022

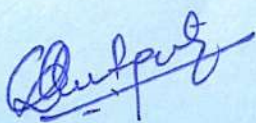
## Activities organized under Collaboration

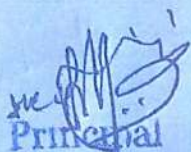
### Brief Description of an activity:

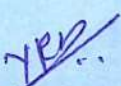
Faculties from both institute work in the field of Computer-Aided Drug Discovery. Dr. Rajendra Gode Institute of Pharmacy, Amravati have an advance research infrastructure such as Computational Facility, Research Laboratory, etc. Collaborative research in the CADD Various Drug Discovery software namely Desmond, Schrodinger, 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 factor.

### Details:

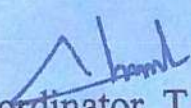
SN	Title of Collaborative Activity	Date and Year	Name of the Teacher/Researcher participated with college name
01	QSAR based virtual screening derived identification of a novel hit as a SARS CoV-229E 3CL <sup>pro</sup> Inhibitor: GA-MLR QSAR modeling supported by molecular Docking, molecular dynamics simulation and	2022/1/1	<b>Mr. Rahul Jawarkar,</b> Associate Professor Dr. Rajendra Gode Institute of Pharmacy, Amravati And
02	QSAR, Molecular Docking, MD Simulation and MMGBSA Calculations Approaches to Recognize Concealed Pharmacophoric Features Requisite for the Optimization of ALK Tyrosine Kinase Inhibitors as Anticancer Leads	2022/8/3	<b>Mr. Ajaykumar Gandhi,</b> Assistant Professor Government College of Arts and Science, Aurangabad

  
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Government College of Arts and Science,  
Aurangabad

  
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Dr. Rajendra Gode Institute of Pharmacy, Amravati  
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Government College of Arts and Science,  
Aurangabad



  
Coordinator, T & P Cell  
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