



Memorandum of Understanding



Between

**Department of Chemistry
Dr. Ambedkar College, Deekshabhoomi, Nagpur - 440010
Maharashtra, India**

And

**EdGene BioMed (OPC) Pvt. Ltd.
Level 18, DLF building 5, DLF Cyber city, Phase 3,
Gurugram 122002, India**

For The Development of Scientific Collaboration

Report

Department of Chemistry, Dr. Ambedkar College offers undergraduate, post graduates and post doctoral programmes. The dedicated faculty members strive to contribute to a chemically literate society through teaching (with classrooms, labs and research), scholarship, and service. Many of our students are well placed in Government and Industry positions. The department has established International Collaboration with Department of Chemistry, National Chung Hsing University (NCHU), Taichung, Taiwan under which two PG students are presently pursuing Ph.D. degree in the Department of Chemistry, NCHU, Taichung, Taiwan.

Recently, American Chemical Society has awarded an ACS International student chapter charter to Department of Chemistry, Dr Ambedkar College. The faculty members have published good number of research papers in journals. The faculty members have rich experience in synthetic organic chemistry. They have expertise in multistep synthesis of active pharmaceutical ingredients, flash column chromatography techniques, characterization studies (COSY, HSQC, HMBC, NOE and HRMS etc).

EdGene BioMed (OPC) Pvt Ltd is a customized Bioinformatics solution provider in various research areas of bioinformatics with great expertise in high throughput sequencing data analysis (DNA, RNA, ChIP, metagenomics, epigenetics, methylation etc.), Genome editing using CRISPR, functional genomics, immunoinformatics, vaccine design, molecular docking,

molecular dynamics simulation, functional proteomics, microarray analysis, biomarker identification etc.

EdGene BioMed (OPC) Pvt Ltd. provides services to customers in the form of contract research, training programs cum workshops (Hands-On), novel research projects, summer/winter schools, summer/winter trainings, internships etc. Training programs are conducted based on the specific needs of research projects.

The purpose of this agreement is to develop academic and educational cooperation, establish a collaborative research program between the two organizations and to cooperate in their mutual interest for a range of higher educational or scientific activities. The MOU was signed on 1/04/2019.

The authorized representatives from EdGene BioMed (OPC) Pvt Ltd. are Mr. Yash Shrivastava, Managing Director, and Ms. Vandana Barot, Director (R & D) . Dr P C Pawar, Principal, Dr Ambedkar College, Dr Deepa Panhekar, Head, Dept. of Chemistry and Dr Ratnnadeep Sawant, Assistant Professor, Dept. of Chemistry are the authorized representatives from Dr Ambedkar Collge.

The parties designated **Mr. Yash Shrivastava** as coordinator from EdGene BioMed (OPC) Pvt Ltd. and **Dr. Ratnnadeep C. Sawant** as coordinator from Department of Chemistry, Dr. Ambedkar College. In addition to this, Dr. Ratnnadeep C Sawant will be the member of Scientific Collaboration Board of EdGene BioMed (OPC) Pvt. Ltd.