



MUGBERIA GANGADHAR MAHAVIDYALAYA

P.O.—BHUPATINAGAR, Dist.—PURBA MEDINIPUR, PIN.—721425, WEST BENGAL, INDIA

NAAC Re-Accredited B+Level Govt. aided College

CPE (Under UGC XII Plan) & NCTE Approved Institutions

DBT Star College Scheme Award Recipient

E-mail : mugberia_college@rediffmail.com // www.mugberiagangadharmahavidyalaya.ac.in

Date: 19.02.2024

2.6.1: Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

As the assessment of student learning begins with educational values and serves as a vehicle for educational improvement, educational values should be targeted at not only what we choose to assess, but also how we do so. Their greatest contribution can be manifested in campuses where the quality of teaching and learning is visibly valued and worked. In an Outcome-based Education (OBE) system, the programme outcomes would spell out the attributes that the students are expected to have or acquire upon graduation/post-graduation. The attributes may be categorized under the knowledge, practical skill or attitude of the students.

Programme outcomes (PO) are the set of attributes that indicates what the student should have or acquire upon their graduation/post-graduation. These attributes would show the ability and knowledge that the students have acquired after undertaking 3 years of undergraduate level learning / 2 year of post graduate level learning. Each department of the Institution has different POs. On the other hand, Course Outcomes (CO) are used to specify the objectives of the course while the PO reflect the behavioural change in learning. At first, a matrix is devised to link the course outcomes with the program outcomes by associating the two. During this step, it is necessary for the matrix to be carefully defined before the design of the course syllabus. This is because the matrix serves as critical component which measures the behavioural change emerging from student performance. The matrix maps program outcomes to course outcomes as shown in a table by every department. It relates the technical competency to behavioural change in learning. There are more than twenty course outcomes and at least six program outcomes and seven programs specific outcome of each programs are addressed by this course.

In measuring the level of achievement for these course outcomes in the Grade Point Average (GPA) framework, tutorial sessions, quizzes, submission of assignments, dissertation/project preparation & presentation, field visit, wall magazine publication, practical lab, class attendance, group discussion, surprise class test, continuous internal assessment (CIA) tests and end semester examinations are conducted that enriched the knowledge and higher-order skills, namely creativity, innovation, critical thinking, coordination and communication, computing, problem-solving, confidence, etc.

In the OBE framework, the measurement of the behavioral change is the application of system approach to design and evaluate the operational performance. Number 1 represents the objective of fulfilling the PO with low while number 2 represents the objective of fulfilling the PO with moderate. The achievement of students for each POs were based on the level of achievement from the scale 1 until 3. PO value approaching 3 means that the students are able to achieve the objectives specified program. While, if the PO value were below than 1.5, it shows that the students are not capable in achieving the objectives of specified program since the value of 1.5 represent 50% of programme outcomes achievement.

There are two stages to the course assessment. They include the assessment design stage and assessment review stage; hence they are inherently self-regulating. It is necessary to define the course outcomes and the program outcomes with a set of vocabulary that is measurable. As per suggestion of IQAC of the college, each department has used the tools such as quizzes, assignments, PPT presentation, wall magazine publication, class attendance, continuous internal assessment (CIA) tests and end semester examinations during the preparation of question for the direct assessment. For indirect assessment, the department collects feedback from students after the end of every semester on CIA & curriculum to improve the teaching & learning process. With the marks distribution for the assessment in place, the course outcomes and program outcomes are mapped. This is to produce a measurement for the program outcomes, which reflects the behavioral change in learning to provide a measure of attributes prescribed for graduate by the departments. All the analyses on the program and course outcomes are used to produce the indicator for the Subject report. Once a weakness is identified, recommendations can be made in the department report, to be forwarded to IQAC for future improvement.

Department	Academic Year	Cos & POs Web link
Mathematics (UG)	2022-2023	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1697113805POs_COs_of_UG_Mathematics_2022-2023.pdf
	2021-2022	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1685707451co%20po%20ug%202021-2022-1.pdf
	2020-2021	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1685707423CO%20PO%20UG%202020-2021-1.pdf
	2019-2020	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1685707490co%20po%20ug%202019%20-2020-1.pdf
	2018-2019	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1689418248co%20po%202019.pdf
Mathematics(PG)	2022-2023	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1696076452COs%20&%20POs%20of%20Mathematics_PG%2022-23.pdf
	2021-2022	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1683978552COs%20&%20POs%20of%20Mathematics_PG%2021-22.pdf
	2020-2021	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1683978520COs%20&%20POs%20of%20Mathematics_PG%2020-21%20Copy%20-%20Copy.pdf
	2019-2020	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1683978484COs%20&%20POs%20of%20Mathematics_PG%2019-20%20Copy%20-%20Copy.pdf
	2018-2019	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1683978431COs%20&%20POs%20of%20Mathematics_PG%2018-19%20Copy.pdf
Chemistry (UG)	2022-2023	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1697050075CO,%20PO%20&%20PSO%20Report%202022-2023.pdf
	2021-2022	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1683723906Chemistry%20Department%20%20%20CO%20&%20PSO%20Report.pdf
	2020-2021	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1683723868Chemistry%20Department%20%20%20CO%20&%20PSO%20Report%202020-2021.pdf
	2019-2020	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1683723816Chemistry%20Department%20%20%20CO%20&%20PSO%20Report%202019%20-2020%20Copy.pdf
	2018-2019	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1683723733Chemistry%20Department%20%20%20CO%20&%20PSO%20Report%202018-2019%20-%20Copy.pdf
Physics(UG)	2022-2023	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1696410562CO_PO_Attainment_22_23.pdf
	2021-2022	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/16

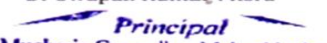
		96410538CO PO Attainment 21 22.pdf
	2020-2021	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1696410468CO PO Attainment 20 21.pdf
	2019-2020	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1696410293CO PO Attainment 19-20.pdf
	2018-2019	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1696410228CO PO Attainment 18-19.pdf
Zoology(U G)	2022-2023	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1700648706PO&%20CO%2022-23.pdf
	2021-2022	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1682414068CO%20PO.pdf
	2020-2021	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1685167002CO%20PO%202020-2021.pdf
	2019-2020	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1685167902CO%20PO%202019-2020.pdf
Geograph y(UG)	2022-2023	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1696528800co%20po%202022-23.pdf
	2021-2022	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1688534440CO%20PO%202021-22%20DEPT%20OF%20GEOGRAPHY.pdf
	2020-2021	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1706528774DEPARTMENT%20OF%20GEOGRAPHY%202020-21.pdf
	2019-2020	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1697000485DEPARTMENT%20OF%20GEOGRAPHY%20co%20po%202019-20.pdf
	2018-2019	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1706526744DEPARTMENT%20OF%20GEOGRAPHY%202018-19.pdf
Nutrition(UG)	2022-2023	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1703536902fb65d4cc-8372-4b65-bacb-6a86bc7d1a2b.pdf
	2021-2022	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1703537060c97f653f-cf81-4218-a660-34be8ce8fd20.pdf
	2020-2021	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1703541115CO%20PO%202020-2021.docx
	2019-2020	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1703541188CO%20PO%202019-2020.docx
	2018-2019	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1707521239CO,%20PO%202018-2019.pdf
Economics (UG)	2021-2022	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1707729035DEPARTMENT%20OF%20economics%20copo%202022.pdf
	2020-2021	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1707556280DEPARTMENT%20OF%20economics%20copo.pdf
Bengali(U G)	2022-2023	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1705574163CO%20&%20PO,%202023.pdf
	2021-2022	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/17

		05574126CO%20&%20PO,%202022.pdf
	2020-2021	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1705574082CO%20&%20PO,2021.pdf
	2019-2020	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1705574042CO%20&%20PO%20,2020.pdf
	2018-2019	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1705573976CO%20&%20PO-%202019%20-%20Copy.pdf
Benali(PG)	2022-2023	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1707372958CO%20&%20PO%20MA%202023%20-%20Copy.pdf
	2021-2022	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1706697232CO%20&%20PO%20MA%202022.pdf
	2020-2021	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1706359530CO%20&%20PO%20MA%202021.pdf
	2019-2020	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1706359476CO%20&%20PO%20MA%202020.pdf
English(U G)	2022-2023	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1701012744PO%20CO%20PSO%2022-23.pdf
	2021-2022	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1696419223PO%20CO%20PSO%20SEM%20VI%20ENGLISH%2021-22%20NEW.pdf
	2020-2021	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1696419256PO,%20CO,%20PSO%2020-21%20NEW.pdf
	2019-2020	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1704359290PO CO PSO 19-20%20updated.pdf
	2018-2019	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1704359179PO CO PSO 2018-19%20updated.pdf
History(U G)	2022-2023	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1696845555History%20PO%202022-23.pdf
	2021-2022	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1696845477History%20PO%202021-22%20.pdf
	2020-2021	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1696845451History%20PO%202020-21.pdf
	2019-2020	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1696845416History%20PO%202019-20.pdf
	2018-2019	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1696845364History%20PO%202018-19.pdf
Political Science(U G)	2022-2023	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1705042724 CO PO 2022-23.pdf
	2021-2022	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1705042682 CO PO 2021-22.pdf
	2020-2021	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1705042606DEPARTMENT OF POLITICAL SCIENCE CO PO 2020-21.pdf
	2019-2020	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1705042545DEPARTMENT OF POLITICAL SCIENCE CO

		PO 2019-2020.pdf
	2018-2019	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/170504212318%2019%20CO%20PO.pdf
Philosophy (UG)	2022-2023	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1708327402Philosophy%20Final%20COPO%20(2022-2023)-2.pdf
	2021-2022	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1708326959Philosophy%20Final%20COPO%20(2021-2022).pdf
	2020-2021	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1708327003Philosophy%20Final%20COPO%20(2020-2021).pdf
Music	2022-2023	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1699945897PO%20AND%20CO....2022-2023.pdf
	2021-2022	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1700317175CO-PO%202021-2022.pdf
	2020-2021	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1700317152CO-PO%202020-2021.pdf
	2019-2020	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1700317125CO-PO%202019-2020%20(MUSIC).pdf
	2018-2019	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1699945265CO%20AND%20PO%20OF%20MUSIC%20DEPT.%202018-2019.pdf
Sanskrit	2022-2023	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/17045202452023_PO,CO,PSO_JM.PDF
	2021-2022	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/17035885482022_PO,CO,PSO_Final_JM.PDF
	2020-2021	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/17035890242021_PO,CO,PSO_Final_JM.PDF
	2019-2020	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/17045199562020_PO,CO,PSO_JM.PDF
	2018-2019	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/17045197252019_PO,CO,PSO_JM.PDF
Accountancy(UG)	2022-2023	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1705480476CO-PO_2022-23.pdf
	2021-2022	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1705480454CO-PO_2021-22.pdf
	2020-2021	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1705480433CO-PO_2020-21.pdf
	2019-2020	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1705480412CO-PO_2019-20.pdf
	2018-2019	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1705480378CO-PO_2018-19.pdf
B.P.ED	2022-2023	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1697091627CO%20PO%20FOR%20BPED%202022-2023.pdf
	2021-2022	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1691046337CO%20PO%20FOR%20BPED%202021-2022.pdf
	2020-2021	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1691392625CO%20PO%20FOR%20BPED%202020-2021.pdf
	2019-2020	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1692946514CO%20PO%20FOR%20BPED%202019-2020.pdf

	2018-2019	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1692946429CO%20PO%20FOR%20BPED%202018-2019.pdf
M.P.ED	2022-2023	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1706164882CO%20PO%20FOR%20MPED%202022-2023.pdf
	2021-2022	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/17061648231699420062CO%20PO%20FOR%20MPED%202021-2022.pdf
	2020-2021	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/17061647811699363819CO%20PO%20FOR%20MPED%202020-2021.pdf
	2019-2020	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/17061647391699333201CO%20PO%20FOR%20MPED%202019-2020.pdf
	2018-2019	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/17061646881699331440CO%20PO%20FOR%20MPED%202018-2019.pdf
B.VOC in Food Processing	2022-2023	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/170651938222-23DEPARTMENT%20OF%20NUTRITION%20b.Voc%20Food%20Processing%20co%20po%202022-23.pdf
	2021-2022	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/170651762021-22B.VOC%20FOOD%20PROCESSING%20CO-PO%202021-2022.pdf
	2020-2021	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/170651754420-21DEPARTMENT%20OF%20NUTRITION%20B.VOC%20FOOD%20PROCESSING%20COPO%20(1).pdf
M.VOC in Food Processing	2022-2023	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1703058467M.VOC%20CO%20PO%202022-2023.pdf
B.VOC in Hotel Management	2022-2023	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1705495995P.O.%20&%20C.O.%202022-2023%20PDF.pdf
	2021-2022	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1705495986P.O.%20&%20C.O.%202021-2022%20PDF.pdf
	2020-2021	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1705495971P.O.%20&%20C.O.%202020-2021%20PDF.pdf
	2019-2020	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1705495960P.O.%20&%20C.O.%202019-2020%20PDF.pdf
	2018-2019	https://www.mugberiagangadharmahavidyalaya.ac.in/Files/1705495951P.O.%20&%20C.O.%202018-2019%20PDF.pdf




Signature of The Principal
 Dr Swapan Kumar Misra

Principal
 Mugberia Gangadhar Mahavidyalaya

Date: 19.02.2024