



Mahatma Bahuddeshiya Shikshan Sanstha's  
**Manoharrao Kamdi Mahavidyalaya**

Accredited by NAAC, Bangalore  
**(ARTS & COMMERCE) JUNIOR & SENIOR COLLEGE**  
Chitanvispura, Mahal, Nagpur- 440032  
**Principal - Dr. Usha Sakure - Mob. No. 9765800011**  
Website : <https://manoharraokamdi.edu.in> Email : [manoharraokamdi@gmail.com](mailto:manoharraokamdi@gmail.com)

Ref. No.

Date :

### **Course outcomes and Programme Outcomes.**

Outcomes (POs) for student is crucial for assessing their academic progress and the effectiveness of the educational programs they are enrolled in. it is specific and measurable statements that define what students are expected to learn and achieve at the end of a particular course or subject. These outcomes are designed to align with the overall objectives of the course and reflect the knowledge, skills, and competencies that students should have acquired.

Regular assessments and examinations are conducted to evaluate how well students have achieved the specific COs of each course. Assignments and projects provide opportunities for students to demonstrate their understanding and application of the Course outcomes Collecting feedback on their learning experiences provide insights into the effectiveness of the curriculum and whether Programme outcomes are being met. Experiential learning through small projects and industrial visits are conducted to allow students to apply the knowledge and skills gained throughout their program to real-world situations, supporting the achievement of Course outcomes and Programme outcomes. By regularly evaluating the attainment of Programme outcomes and identify areas for improvement, enhanced teaching methodologies are utilized. This process helps ensure that the students receive a well-rounded education that prepares them and fosters lifelong learning. The attainment of program outcomes and course outcomes involves a systematic and comprehensive approach that includes:

The curriculum is structured to cover a range of disciplines within arts and commerce which the students have the liberty to choose, ensuring a balanced and holistic educational experience for students. The curriculum is basically designed by the University so no changes can be done but effective measures like collaboration and linkages aids the learning outcomes of the curriculum.

Student Support Services are provided and offer academic advising, counselling, and support services to help students overcome challenges and stay on track to achieve outcomes. Individual needs are addressed to contribute to overall success.

Celebrating Achievements is one of the best outcomes guaranteed effort as we Recognize and celebrate students' achievements in attaining Course outcomes and Program outcomes. Positive reinforcement and acknowledgment motivate students to consistently strive for excellence.

Teaching Methods also contributes as Faculty members play a pivotal role in helping students achieve the desired outcomes. Engaging and innovative teaching methods are employed to facilitate active learning and critical thinking. These methods include lectures, discussions,

group projects, case studies, experiential learning, and technology-enhanced instruction. By adopting diverse teaching approaches, educators cater to different learning styles and enhance students' grasp of the subject matter.

**Assessment Strategies:** Assessment is a key component in measuring the attainment of both Course outcomes. Formative and summative assessments are strategically integrated into the curriculum. Formative assessments, such as quizzes, assignments, and class participation, provide ongoing feedback to students and instructors, enabling timely adjustments to the teaching and learning process. Summative assessments, including exams, presentations, and small projects, evaluate students' overall achievement of Course outcomes consequently, the Program outcomes of the program.

Continuous Improvement are noticed during Regular assessment data analysis, stakeholder feedback informs curriculum updates. Faculty development programs equip with the latest pedagogical techniques and subject knowledge in multifaceted endeavour involving careful planning, effective teaching, rigorous assessment, and a commitment to continuous improvement. By aligning curriculum, teaching methods, and assessment strategies, we equip students with the knowledge, skills, and competencies necessary to succeed in their academic journey and future careers through a holistic approach.

Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website and attainment of POs and COs are evaluated. The programme Outcomes, Programme Specific Outcomes and Course outcomes of all the programmes along with vision and mission are disseminated to teachers and students. The Programme Outcomes and Course Outcomes for all the programmes offered by institutions are prescribed by the University syllabus and they are designed in such a way as to achieve the stated outcome. The copy of the syllabus is always available on the University website and hard copy is available in each department. At the beginning of each semester, the faculty members explain the various aspects of the syllabus for the students. The Attainment of Programme outcomes, program specific outcomes and course outcomes are evaluated by two methods.

### **1. Direct PO & PSO Assessment Process**

**a. Direct Course Assessment:** Direct attainment of CO is measured in the scale of 0 - 3 level. Internal Assessment Students are assessed based on different activities such as Assignment, Tutorials, Quiz Puzzles, etc.,.

**Internal Examination:** question papers are defined with CO for each question. On completion of Internal Assessment (CIA), marks scored by the students CO wise are averaged up. CO attainment is calculated by considering 90% of CIA test level and 10% of activities level. CO attainment is met which is based on the students achieving the defined target.

**External Evaluation:** Since end semester University examination evaluation is not available CO wise, total mark is considered for CO Attainment. CO attainment is calculated based on the students achieving the defined target. Direct attainment of CO is calculated by considering 75 marks of university Examination level and 25 marks of CIA Level.

### **b. Indirect Course Assessment:**

1. Course Exit Surveys are carried out , where students give feedback in the scale of 1 to 5, are summed up in the proportion of 80:20 respectively. Final course wise PO and PSO Attainment:

For attainment calculation, Average of Direct CO – PO attainment data from CO - PO correlation matrix is collected for all courses and Indirect Course Assessment are summed up in the proportion of 80:20 respectively. 2. Indirect Method for PO and PSO Attainment: Program Exit Survey collected from students who are going to graduate at the end of the sixth/fourth semester. Final Attainment for PO PSO Attainment: Sum of Final course wise PO and PSO Attainment and Indirect Method for PO and PSO Attainment in the proportion of 80:20 respectively. If PO and PSO attainment level is measured on a scale of 0-3, where 0 being low and 3 being high level of attainment.



**PRINCIPAL**

**Manoharreo Kamdi Mahavidyalaya  
Chitnavispura, Mahal, NAGPUR.**