Janata shikshan Prasarak mandal's

MARUTRAOJI GHULE PATIL ARTS'S,COMMERCE AND SCIENCE COLLEGE,AMHEDNAGAR.

COURSE OUTCOME COMMUCATION POLICY

COURSE OUTCOME COMMUCATION TO STAFF AND STUDENT

AND

CO – PO AND CO – PSO MAPPING

IQAC Department

Janata Shikhan Prasarak Mandal's

Marturaoji Ghule Patil Art's,Commece And Science College

DEFINITIONS

Course	:	A course is a unit of 2 to 6 credits in a formal program. A 3-credit course will have three classroom sessions of one-hour duration during each week for the entire semester. Example: Program: BA Economics; Course: Kerala Economy; Credits: 3:0:1
Course Outcomes (COs)	:	COs are statements that describe what students should be able to do at the end of a course. They can be 6±2 for courses with 2 to 4 credits, and 8±2 for courses with 5 to 6 credits. (examples are given in the "Notes")
Graduate Attributes	:	The disciplinary expertise or technical knowledge that has traditionally formed the core of most university courses. They are qualities that also prepare graduates as agents for social good in an unknown future.
Learning Outcomes	:	Specific intentions of a Programme or module, written in clear terms. They describe what a student should know, understand, or be able to do at the end of that Programme or module
Levels of Outcomes	:	➢ Programme Outcomes: POs are statements that describe what the students graduating from any of the educational Programmes should be able to do. ➢ Programme Specific Outcomes: PSOs are statements that describe what the graduates of a specific educational Programme should be able to do. ➢ Course Outcomes: COs are statements that describe what students should be able to do at the end of a course
Programme	:	A range of learning experiences offered to students in a formal manner over a period of one-to-four years leading to certificates/ diplomas/ degrees. Examples: BA (Economics) BSc (Physics). All possible formal degree Programmes are identified by UGC
Programme Outcomes	:	Programme Outcomes (POs) are what knowledge, skills and attitudes a graduate should have at the time of graduation. While no agency has formally defined the POs of General Higher Education 3-year degree Programmes in India, POs of all professional Programmes in engineering and other areas are identified at national level by the concerned accrediting agency. POs are not specific to a discipline.
Ref- ***Manual for Affiliated/Constituent UG & PG Colleges*** National Assessment and Accreditation Council (NAAC)		

COURSE OUTCOME COMMUNICATION TO STAFF AND STUDENT

Programme outcome-Course Outcome communicate to Staff

Induction Programme /Orientation Programme for Faculty

Program Specific Outcomes are the statements that assert what the grandaunts of a specific engineering program should do what they can able to do. Program Educational Objectives are the broad statements which describe in detail about the career and professional accomplishments after significant years of graduation that the program prepares the grandaunts to achieve.

The Key Concept of P.O. P.S.O. C.O. are communicated with Staff in their Annual meet. For New join Faculty IQAC Dept. organised Faculty Induction Programme . in that Programme the concept of OBE is explain to Staff. It include

Concept of LOCF

Graduate Attribute

Programme Outcome

Programme Specific Outcome

Course Outcome

Orientation to Course Outcome

Course Outcome-Programme Outcome Mapping

Course Outcome Attainment

Course File Concept

Result Analysis

Departmental Meeting held on the Starting of Each semester the discussion is take place in meeting about course and implementation of syllabus. As per work-lode distribution. the faculty members discuss with the senior teacher and Head of the Department about course outcomes. As per the discussion the Preparation of Teaching plan in made by consent faculty with the reference to course outcome and programme outcome .

Programme outcome-Course Outcome communicate to Students

Student induction Programme

In every Academic year college IQAC department organised the Student induction Programme SIP "Deksharambh" in this programme faculty members giving information about programme outcome and course out come.

Syllabus Orientation

In every semester starting the new syllabus for each course is elaborate to students in each class. In this session the course faculty is explain the course objective to the student witch is statemented in there university syllabus. The discussion about course outcome is conducted in class room with students

Publication and dissemination of Course outcome

The programme outcome and course outcome is the main object in Higher education process

Incorporating in booklet given in orientation, syllabus book, course files and lab manuals Laboratories in the departments, Classrooms/Laboratories Department Notice boards

Discussed during student Counselling, Self-reading by students, parents and alumni

Institute domain

Programme outcome is also publish on college Website link :
https://mgpcollege.com/outcome-based-education-obe/

CO – PO AND CO – PSO MAPPING

Program Specific Outcomes are the statements that assert what the grandaunts of a specific engineering program should do what they can able to do. Program Educational Objectives are the broad statements which describe in detail about the career and professional accomplishments after significant years of graduation that the program prepares the grandaunts to achieve.

After CO statements are developed by the course in-charge, CO will map with any possible   PO's based on the relationship exist between them. But the PO's are not necessarily mapped

with any one CO and it may be left blank. Anyhow, it is mandatory that all POs should be mapped with any one of PSO and PEO which are specified in the program.

All the courses together must cover all the POs (and PSOs). For a course we map the COs to POs through the CO-PO matrix and to PSOs through the CO-PSO matrix as shown below. The various correlation levels are:

"1" – Slight (Low) Correlation

"2" – Moderate (Medium) Correlation

"3" – Substantial (High) Correlation

"-" indicates there is no correlation.

Levels of Outcomes

There are four levels of outcome such as Course Outcome (CO), Program Outcome (PO), Program Specific Outcome (PSO) and Program Educational Objective (PEO). Course Outcomes are the statements that declare what students should be able to do at the end of a

course. POs are defined by Accreditation Agencies of the country (NBA in India), which are

the statements about the knowledge, skills and attitudes, graduate attributes of a formal engineering program should have. Graduates Attributes (GAs) are the components indicative of the graduate's potential to acquire competence to practice at the appropriate level. GAs form a set of individually assessable outcomes of the program. The NBA laid down the graduate attributes relating to program outcomes and is to be derived by program.

The Program outcomes reflect the ability of graduates to demonstrate knowledge in fundamentals of Basic Sciences, Humanities and Social Sciences, Engineering Sciences and apply these principles in understanding and practically apply the knowledge in professional core subjects, electives and projects which enables the graduates to be competent at the time of graduation. The graduates must adhere to professional and ethical responsibilities in the pursuit of their careers and also for the benefit of the society. These outcomes also enable the graduate to pursue higher studies and engage in R&D for a successful professional career.

The proper definition and the attainment of POs contribute to the attainment of

Program Educational Objectives which will help the graduate to perform his/ her duties, professional responsibilities, design, development, production and testing of novel products, ability to deal with finances and project management during his/her early professional career of 3 to 4 years.

Chart of Process of P.O. and C.O. Mapping

Sample of Programme outcome course outcome mapping chart

	Janata shikshan Prasarak Mandal's					
	Marutraoji Ghule Patil Art's, Commere and Science College, A.Nagar					
	Academic Year -	**2020-2021**				
Name of the course	Data Structures and Algorithms – I			Course code		CS 231
Programme	chelor of Computer Scien	Pattern	CBCS 2019	Class		SYBSC COMPUTER
Name of Faculty						

CO-PO Mapping

Course ourcom	Programme outcome										Programme Specific			
	P.O.1	P.O.2	P.O.3	P.O.4	P.O.5	P.O.6	P.O.7	P.O.8	P.O.9	P.O.10	P.S.O.1	P.S.O.2	P.S.O.3	
C.O.1	3	3	1	1	-	-	-	-	-	-	1	1	3	
C.O.2	3	2	2	1	-	-	-	-	-	-	2	2	3	
C.O.3	2	2	1	2	-	-	-	-	-	-	1	3	3	
C.O.4	-	-	-	-	-	-	-	-	-	-	-	-	-	
C.O.5	-	-	-	-	-	-	-	-	-	-	-	-	-	
C.O.6	-	-	-	-	-	-	-	-	-	-	-	-	-	
C.O.7	-	-	-	-	-	-	-	-	-	-	-	-	-	Avg.
Avg.of Mapping	2.6667	2.3333	1.3333	1.333							1.3333	2	3	2
Co-relation level 1=low co-relation ,2= medium corelation , 3= Highly corelation														
	course Faculty		H.O.D.		IQAC			Principal						

Dr. S.B.Dahatonde
IQAC Co-Ordinator
IQAC
Co-Ordinator
Marutraoji Ghule Patil Arts, Commerce
and Science College, Ahmednagar

ID NO
PU/AN/ACS
111/2009
Nagapur
A'Nagar

Dr. A.K.Pandharkar
IQAC Chairman and Principal
PRINCIPAL
Marutraoji Ghule Patil Art's
Commerce & Science College
Nagapur, Ahmednagar
College Code-893