Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

Program Objectives and Outcomes (P.O.) of B.B.M.

Program Objectives:

1. To provide adequate fundamental understanding about Management studies.

2. To understand various evaluation methods of different business problems.

3. To develop and implement functional and general management.

4. To communicate effectively in different contexts.

Program Outcomes:

After completing the program, student will be able to-

PO No.	PO	Cognitive level
PO1	Illustrate the basics of Management studies	4
PO2	Measure the outcomes of various issues in business	5
PO3	Evaluate practical and operational business activities.	5
PO4	Persuade well professional knowledge in general circumstances	5

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Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

Program Objectives and Outcomes (P.O.) of M.B.A.

Program Objectives:

1. Demonstrate the knowledge of management science to solve complex problems using limited resources
2. Review the literature and identify management research areas.
3. Identify business opportunities, design and implement innovations in work space.
4. Apply ethical principles and make ethical choices.
5. Communicate effectively with all stakeholders of his role as a manager.

Program Outcomes:

After completing the program, student will be able to-

PO No.	PO	Cognitive level
PO1	Apply the knowledge of management science to analyze complex problems.	3
PO2	Hypothesize new research problems by understanding the current scenarios.	6
PO3	Articulate business opportunities to design and implement the innovations.	3
PO4	Reframe the ethical principles for making right adoptions	5
PO-5	Express effectively the managerial knowledge in various disciplines of business.	2

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Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

Program Objectives and Outcomes (P.O.) of B. Tech

Program Objectives:

1. To impart basic engineering knowledge as well as capability of problem analysis.
2. To develop ability of investigation of complex problem and design/develop solution for their management.
3. To train the graduate for usage of modern tools in teaching - learning process
4. To develop ethics team spirit among the graduates.

Program Outcomes (PO).

Upon successful completion of the B.Tech. Program, the graduate student will be able to:

PO No.	PO	Cognitive level
PO1	Apply knowledge of mathematics, science, and engineering fundamentals to the solution of complex engineering problems.	3
PO2	Identify, formulate and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.	1
PO3	Design solutions for complex engineering problems and design system components or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal and environmental considerations.	6
PO4	using research-based knowledge and research methods including design of experiments, analysis and interpretation of data and synthesis of information to provide valid conclusions.	5
PO5	Create, select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modeling to complex engineering activities with an under- standing of the limitations.	6
PO6	Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to professional engineering practice.	3
PO7	Understand the impact of professional engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.	2

PO8	Apply ethical principles and commit to professional ethics and responsibilities and norms of engineering practice.	3
PO9	Function effectively as an individual, and as a member or leader in diverse teams and in multi-disciplinary settings.	6
PO10	Communicate effectively on complex engineering activities with the engineering com- munity and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations and give and receive clear instructions.	2
PO11	Demonstrate knowledge and understanding of Engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments	2
PO12	Recognize the need for and have the preparation and ability to engage in independent and life- long learning in the broadest context of technological change.	6

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Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

Program Objectives and Outcomes (P.O.) of M.A.

Program Objectives :

1. To facilitate students to demonstrate a degree of mastery over the area as per their program of specialization at a level higher than requirements in UG program.
2. To enable students to carry out research/investigation and development work independently to solve critical problems in their respective field
3. To apply a number of strategies for sorting through the applicability of and connections among a range of scholarly approaches to speculate and reconstruct their previous knowledge
4. To prepare students to produce original scholarship that contributes to knowledge in their respective fields
5. To persuade students to compare and validate previous and contemporary development in their respective field of knowledge to generate remedies for contemporary social situation.

Program Outcomes:

After completing the program, the students will be able to-

PO No.	PO	Cognitive level
PO1	Use strategic connections among approaches to reconstruct their previous knowledge	3
PO2	Think and write research proposals/thesis/dissertations independently	6
PO3	Employ the strategies to achieve mastery over their program of specialization	3
PO4	Create study/reference material to contribute existing knowledge of their domain through research/books	6
PO5	Devise remedies for contemporary social issues by associating their knowledge with real situations.	4

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Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

Program Objectives and Outcomes (P.O.) of M.C.A.

Program Objectives:

1. To impart the fundamental knowledge in computer paradigm and techniques
2. To cater knowledge involved in application building and maintenance.
3. To equip the students with the current technologies used in application design, development and testing.
4. To provide platform to build manpower that can solve real world problems.
5. To make students updated as per recent hardware and software trends.

Program Outcomes:

After completing the program, the students will be able to-

PO No.	PO	Cognitive level
PO1	Understand fundamentals of mathematics, science and knowledge of computer science for solving complex problems.	2
PO2	Design applications for any desired needs with appropriate considerations for any specific need on societal and environmental aspects.	6
PO3	Apply basic and advanced skills in areas of student interest thereby increasing their level of expertise through the specialization approach.	3
PO4	Solve real world problems by modeling it and developing applications.	6
PO5	Create and design innovative methodologies to solve complex problems for the betterment of the society	6

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Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

Program Objectives and Outcomes (P.O.) of Master of Education (M.Ed.)

Program Objectives

1. To establish the mastery over the domain of Education such as sociology, psychology, Teachers Education, ICT, Research etc.
2. To prepare the professional personnel required for staffing the colleges of Education.
3. To enable the learners to perform the roles such as curriculum developer's Educational administrator, Guidance counselors, Designers of online and offline teaching-learning resources.
4. To prepare the personal with research outlook for various fields.
5. To develop the abilities, capacities of the learner to solve contemporary educational problems.

Program Outcome:

After completing the program, the learner will be able to

PO No.	PO	Cognitive level
PO1	Explain, describe, collaborate the various concepts in the domains of Education such as sociology, Psychology, Teacher Education, Research etc.	4
PO2	Administer, manage and lead the educational Institutions.	3
PO3	Apply various roles related to the Education field such as curriculum developers, guide, counsellors, designer of teaching-learning materials.	3
PO4	Conduct research or create, design innovative models for the solutions of the problems for social benefit.	6
PO5	Apply the abilities, capacities, skills to solve contemporary educational problems.	3

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Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

Program Objectives and Outcomes (P.O.) of Master of Social Work (M.S.W.)

Program Objectives:

1. To provide both theoretical and applied knowledge of social work to the come in order to enable them to develop their employability.
2. To prepare the students to be highly competent professional who are skilled at providing effective service [integrating interdisciplinary knowledge theory and social work values with practice to] address social needs.
3. To enable the students to identify and analyze existing and emerging social problems and provide appropriate remedials for the same.
4. To develop analytical skill necessary for understanding forms and mechanisms of oppression and discrimination and apply strategies for social change and justice.
5. To enable the students to carry out research/investigation to solve critical problems of the society.

Program Outcomes:

After completing the program the students will be able to..

PO No.	PO	Cognitive level
PO1	Applied their theoretical and practical knowledge to develop their various abilities, capacities, skill useful for their specific services.	3
PO2	Integrate interdisciplinary knowledge, theories social work values and ethics to become competent professionals.	6
PO3	Devise remedies for contemporary social issues by associating their knowledge with real situation.	4
PO4	Apply analytical skills, various strategies to bring desire social change and justice.	3
PO5	Prepare research proposals, dissertations or thesis which are useful to the society.	3

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Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

Program Objectives and Outcomes (P.O.) of M.Tech.

Program Objectives:

5. To develop ability to carry research / investigation to solve practical problem among the students
6. To develop writing and presentation skill among the students.
7. To generate expertise required for specialised teaching as well as management of social / industrial issues.

Program Outcomes (PO) for M.Tech.

Upon successful completion of the M.Tech. program, the Post graduate student will be able to:

PO No.	PO	Cognitive level
PO1	Independently carry out research /investigation and development work to solve practical problems.	6
PO2	Write and present a substantial technical report/document.	6
PO3	Demonstrate a degree of mastery over the area as per the specialization of the program. The mastery should be at a level higher than the requirements in the appropriate bachelor program	3

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Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

Program Objectives and Outcomes (P.O.) of B.Sc.

Program Objectives:

1. To make the students well-versed in broad range of topics in sciences with concentration in one of the sciences.
2. To develop problem-formulation and problem-solving abilities through laboratory experiments with the help of modern techniques, tools, methodologies, equipment, hardware/software etc.
3. To build personality development skills like study and time management, communication, leadership, teamwork along with inculcating social, environment care and universal human values.
4. To make the students to utilize the skills and knowledge gained through the subject to deal with real life situations and problems related to society, environment, research and development etc.
5. To encourage the students to undertake their future education and career in a specific science discipline or in multidisciplinary context.

Program Outcomes (PO):

Upon successful completion of the B.Sc. program, the graduate student will be able to:

PO No.	PO	Cognitive level
PO1	apply fundamental and advanced knowledge and expertise in order to produce competent, creative and imaginative human resource with a strong scientific acumen.	3
PO2	develop the skills in planning and conducting scientific experiments, handling scientific data, analyse it critically and systematically and draw the objective conclusions	3
PO3	appraise various skills such as communicative, managerial, leadership, entrepreneurship, teamwork, social etc., which will help in expressing ideas and views clearly and effectively	5
PO4	propose the appropriate model/solution to real-life problem by applying theories learned, modern techniques, methodologies, scientific tools, software etc.	6
PO5	apply subject knowledge to become competent professionals at professional and social level.	4
PO6	inculcate the scientific temperament, integrate knowledge of core and allied courses to comprehend the multi-disciplinary nature of the subject to solve scientific problems	5

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Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

Program Objectives and Outcomes (P.O.) of M.Sc,

Program Objectives:

6. To impart the profound theoretical and practical knowledge of the specific science discipline along with the fundamental core concepts
7. To train the students to employ modern techniques, tools, methodologies, equipment, hardware/software etc. to perform objective oriented scientific and planned experiments
8. To groom the students for all-round development and mould them in a trained workforce to provide teaching-learning, research, business, professional supports in the various science disciplines
9. To make the student to develop the ability to think analytically, independently and draw logical conclusions to solve real-life problems.
10. To utilize the skills and knowledge gained through the subject to deal with real life situations and problems related to society, environment, research and development etc.

Program Outcomes (PO):

Upon successful completion of the M.Sc. program, student will be able to:

PO No.	PO	Cognitive level
PO1	To understand the basic concepts, fundamental principles, and the scientific theories related to various scientific phenomena and their relevancies in the day-to-day life.	2
PO2	Administer the skills in handling scientific instruments, planning and performing in laboratory experiments	3
PO3	analyse the given scientific experimental data critically and systematically and the ability to draw the objective conclusions.	4
PO4	Develop various skills such as communication, managerial, leadership, entrepreneurship, teamwork, social, research etc., which will help in expressing ideas and views clearly and effectively	3
PO5	Model and formulate the real problems and find solution based-on knowledge acquired	6
PO6	To evaluate how developments in any science subject helps in the development of other science subjects and vice-versa and how interdisciplinary approach helps in providing better solutions and new ideas for the sustainable developments.	5

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