



C.H.M.E. SOCIETY'S

BHONSALA MILITARY COLLEGE

Rambhoomi, Nashik - 422005. (MAHARASHTRA)

NAAC Reaccredited 3rd Cycle 'A' Grade AISHE Ref. No. C-42239

E-Mail : principal@bmc.bhonsala.in

Web : bmc.bhonsala.in ☎ : (0253) 2309610

Affiliated to Savitribai Phule Pune University, Identification No.PU/NS/ASC/031/1986

Maharashtra State Board of Education J.13.17.021. UDISE Code 27201602731

DR. DINESH NAIK

M.A., SET, Ph.D. (Psy.) M.A. (Eng.)

L.L.B., M.B.A. (H.R.)

PRINCIPAL

Date : / / 20

Ref. : BMC /Jr. /Sr./NG /

Index

Sr.No	Title	Page No.
1	Program outcome. Ref. Number criteria 2 sub point 2.6.2- (2018-19)	2-8
2	Program outcome. Ref. Number criteria 2 sub point 2.6.2- (2019-20)	9-15
3	Program outcome. Ref. Number criteria 2 sub point 2.6.2- (2020-21)	16-23
4	Program outcome. Ref. Number criteria 2 sub point 2.6.2- (2021-22)	24-31
5	Program outcome. Ref. Number criteria 2 sub point 2.6.2- (2022-23)	32-39



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Program outcome Ref. Number criteria 2 sub point 2.6.2

Program Outcome 2018-19

FACULTY OF COMMERCE.

As per SPPU (Savitribai Phule Pune University) B.Com, and M.Com are covered in Commerce faculty.

The program outcome of Undergraduate courses is as follows –

▪ B. Com

Students can acquire the knowledge of basics of Trade, Commerce and Aids to Trade like Marketing, Financial Management, Accounting, Banking, Cost Accounting and Commercial Laws. Under this program the optional subjects like Business Administration, Banking and Finance, Cost Accounting, Business Law & Practices and Defence & Strategic Studies are included which shows that students can acquire the knowledge in various subjects relating to the Commerce and Trade as well as it equips them with the basic knowledge required for self-employment. The basic managerial skills accounting skills general knowledge of Income -Tax and auditing are the part of outcome. As the institution is pioneer in Military Education and Training the Defence Studies provides basic knowledge of Military Organisation in India, Defence Budgeting and Strategic Management.

▪ M.Com

In the Post Graduate program of M.Com. the specialized areas offered are Business Administration and Advanced Accountancy. The students can acquire the knowledge of Advanced Accountancy Auditing, Direct Taxation, Indirect Taxation and the Capital Markets under the specialisation of Advanced Accountancy.




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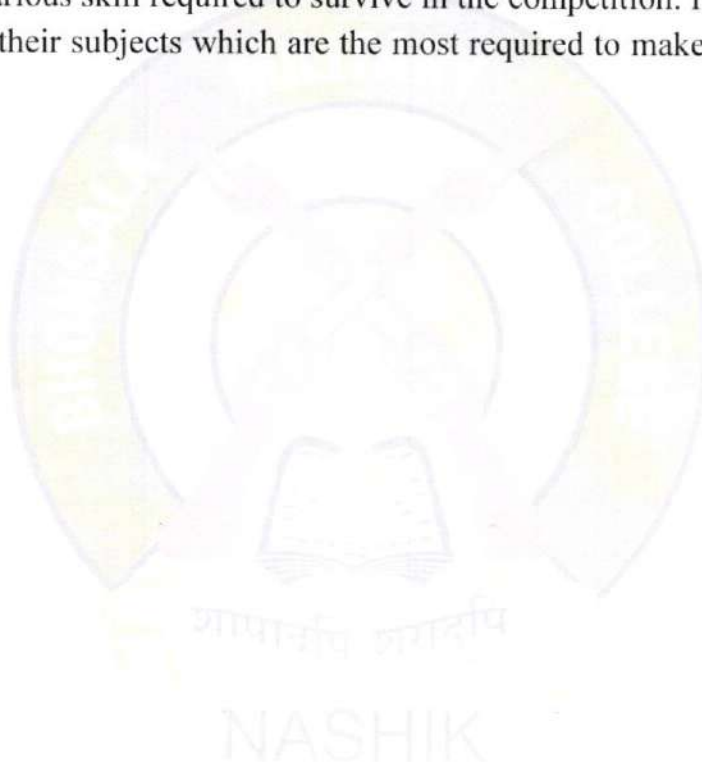
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Date : / / 20

Ref. : BMC /Jr./Sr./NG /

Under the specialisation of Business Administration, the students acquire in depth knowledge of the various aspects of business organisation like the Marketing Management, Financial Management, Human Resource Management and the Production & Operations Management.

They acquire various skill required to survive in the competition. It also helps the students to specialise in their subjects which are the most required to make them employable. The



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primary knowledge of Research Methodology is also expected and this can help to prepare the final year project.

▪ BBA

Bachelor's degree in business administration is aimed at preparing future professionals. The major aim of BBA is to make business professionals who are aware of the business world, good at solving business problems and who can manage work by giving them business management knowledge.

A BBA degree provides students with a broad understanding of business concepts and principles, including accounting, finance, marketing, management, and economics. This foundation can be useful for pursuing careers in a wide range of industries, including finance, marketing, human resources, operations, and more.

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FACULTY OF SCIENCE

UG program BSc. Regular/Computer science is designed and structured to meet the needs of global standards. This system offers more flexibility to the students to learn subjects of their choice and freedom to move to different institutions. Course structure offers discipline-specific theory courses, Practical courses, choice-based optional courses, Environmental science, English language & skill-based courses. Core courses make the students sufficient expertise in the subject. Optional courses are of the student's choice which meets the need of time and fulfill student's interests. Environmental science and language create awareness among students. Skill-based courses are designed in such a way that they are either helpful for self-employment or for research activity. The Computer Program for UG and PG.



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▪ B.Sc. Chemistry

A graduate student is expected to be capable of demonstrating comprehensive knowledge and understanding both theoretical and practical knowledge in all disciplines of Chemistry. Students can solve their subjective problems very methodically, independently



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and finally draw a logical conclusion. Further, the student will be capable of applying modern technologies, handling advanced instruments and Chemistry related soft-wares for chemical analysis, characterization of materials and in separation technology. The course curriculum incorporates basics and advanced training in order to make a graduate student capable of expressing the subject through technical writing as well as through oral presentation. The course curriculum also includes components that can be helpful to graduate students to develop critical thinking and to design, carry out, record and analyze the results of chemical reactions. Students will be able to think and apply evidence based comparative chemistry approach to explain chemical synthesis and analysis. The course curriculum has been designed to provide opportunity to act as team player by contributing in laboratory, field-based situation and industry. The course curriculum is designed in such a way that Chemistry graduate students can handle many Chemistry based software, decent instruments and advanced technologies to synthesize, characterize and analyze the chemical compounds very skilfully. Such a wonderful practice in the graduate level will bring a good opportunity to the students for getting job in industries besides academic and administrative works.

▪ B.Sc. Physics

The mission of the Physics program is to prepare students for a variety of career paths including physics and engineering graduate study, teaching, and direct entry into industry. Physics students gain practical experience through hands-on projects in classes,




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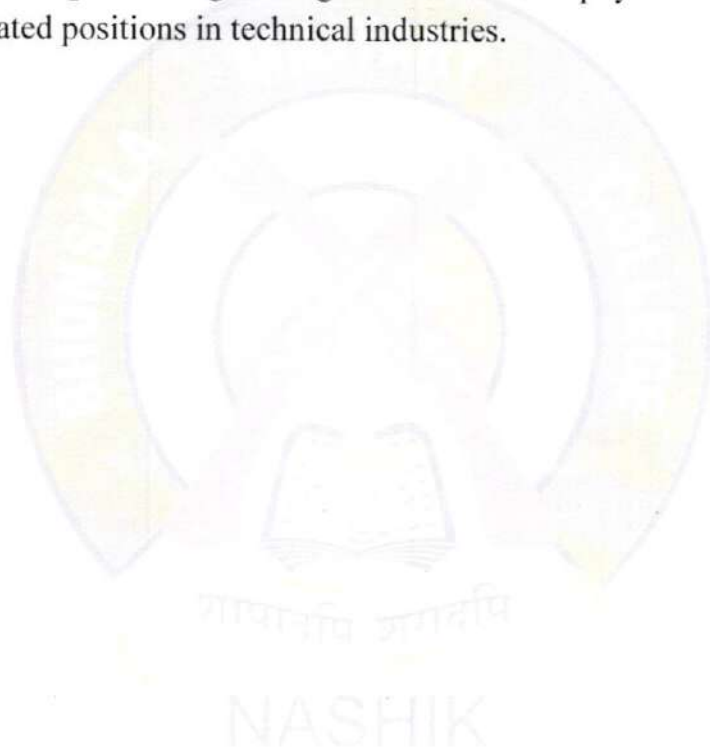
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as well as a senior capstone research project or professional internship. Facilities are available for student research in optics, condensed-matter physics, and nuclear physics. The majority of our graduates goes to graduate school in physics and related fields or take engineering-related positions in technical industries.




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A student completing a major in Physics shall demonstrate the ability to:

- Demonstrate conceptual understanding of fundamental physics principles
- Communicate physics reasoning in oral and in written form
- Solve physics problems using qualitative and quantitative reasoning including sophisticated mathematical techniques
- Conduct independent research or work successfully in a technical position.

▪ BSc. Computer Science & MSc. Computer Science

Course Outcome:

Students will be able to design engineering solutions to complex problems utilizing system approach.

To understand the concepts of Computer Science.

To understand the concepts of System Software and Application Software.

To understand the concepts of Algorithms and Programming.

To understand the concepts of Computer Networks and Operating Systems.

To Design, develop, implement and test software systems to meet the given specifications, following the principles of Software Engineering.

To get opportunities in various fields of IT Industries with good package.

▪ Mathematics

Programme Outcome :(PO)

A graduate of this program are expected to:

- i) Gain sound knowledge on fundamental principles and concepts of Mathematics and computing with their applications related to Industrial, Engineering, Biological and Ecological problems.




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ii) Exhibit in depth the analytical and critical thinking to identify, formulate and solve real world problems of science and engineering.

iii) Get a relational understanding of mathematical concepts and concerned structures, and should be able to follow the patterns involved, mathematical reasoning.




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iv) A student should get adequate exposure to global and local concerns that explore them many aspects of Mathematical Sciences.

iv) Apply their skills and knowledge, that is, translate information presented verbally into mathematical form, select and use appropriate mathematical formulae or techniques in order to process the information and draw the relevant conclusion.

v) Be capable of undertaking suitable experiments/research methods while solving the real-life problem and would arrive at valid conclusions based on appropriate interpretations of data and experimental results.

FACULTY OF MENTAL AND MORAL SCIENCE

▪ **Economics**

After completion of BA in economics students can understand the background of the Indian and global economy with focus on contemporary issues and recent development in the Indian and global economy. This course will develop the awareness of various new developments in different sectors of an economy like agriculture, industry, service sector, banking etc. At the end of the course the student should be able to discuss and debate the various issues and challenges facing the Indian economic environment and global economy and regulatory framework of the financial market in India.

▪ **English**

It is universal language and language of communication. Hence one of the best ways to develop English language skills and proficiency is pursuing BA in English. While doing B.A. in English students become well versed with English literature as well as soft skills and communication skills which have a tremendous demand in the present times. Students of B.A. English literature can walk and talk with confidence also they



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become a better human being in society. Along with personal and spiritual development and enrichment. This course has following professional outcomes.

- Opportunities in private and government sector
- There is high demand in BPO, s and customer service companies.
- Content writing and creative writing.
- Teaching
- Journalism
- Translator
- Soft skills and Communication Skills trainer
- Can work for NGO

Psychology-Outcome of B.A. and M.A.(Psychology)

▪ B.A. (psychology)

After completing undergraduate and postgraduate courses in psychology, students should be able to conduct psychological tests to measure different aspects of behavior. They will also be able to understand complexities of human behavior in different areas of functioning. These areas include positive psychology , developmental psychology, social psychology, health psychology, normal psychology and experimental psychology.

▪ M.A. (psychology)

Doing M.A. (psychology), should make them able to understand different psychological disorders. They will also be able to conduct small scale research after completing M.A.

▪ Political Science-

The Political Science course aims to provide students with a comprehensive




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understanding of political systems, theories, institutions, and processes. By the end of the program, students should possess the ability to analyze political phenomena critically, comprehend complex political theories, and evaluate real-world political issues.

Upon completion, students should be equipped with the knowledge to comprehend the dynamics of international relations, the functioning of governmental systems, and the roles of various political actors. The program also aims to foster an awareness of the ethical dimensions of political decision-making and an appreciation of diverse political perspectives.

Overall, the outcome of the Political Science course is to produce graduates who are well-versed in political theories, possess critical thinking abilities, and are capable of contributing meaningfully to discussions and solutions related to local, national, and global political challenges.

Usefulness of Political Science subject

- 1) A vigilant citizen - Expected role in democratic governance knowing rights and duties
- 2) Competitive Examination - Importance of Political Science as a subject in Central Service Commission, State Service Commission as well as in various competitive examinations and also in Current Affairs section.
- 3) Parliament and State Legislature -Recruitment to various positions of authority to conduct parliamentary or legislative affairs
- 4) Judicial Sector - To become a lawyer and for recruitment to the post of judge
- 5) Educational sector - As a teacher at school and college level
- 6) Journalism - As a journalist in the political field
- 7) Leadership in the political arena



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Program outcome Ref. Number criteria 2 sub point 2.6.2

Program Outcome 2019-20

FACULTY OF COMMERCE.

As per SPPU (Savitribai Phule Pune University) B. Com, and M. Com are covered in Commerce faculty.

The program outcome of Undergraduate courses is as follows –

- **B. Com**

The Choice Based Credit System of 132 credits Plus 8 add on credits as a system offers more flexibility to the students to learn subjects of their choice and freedom to move difference institution. Course structure offers discipline specific theory courses practical choice based Optional courses including environmental science democracy election and governance, value added courses English language and skill-based courses. It is special designed to provide knowledge skill-based education with value addition.

Students can acquire the knowledge of basics of Trade, Commerce and Aids to Trade like Marketing, Financial Management, Accounting, Banking, Cost Accounting and Commercial Laws. Under this program the optional subjects like Business Administration, Banking and Finance, Cost Accounting, Business Law & Practices and Defence & Strategic Studies are included which shows that students can acquire the knowledge in various subjects relating to the Commerce and Trade as well as it equips them with the basic knowledge required for self-employment. The basic managerial skills



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accounting skills general knowledge of Income -Tax and auditing are the part of outcome. As the institution is pioneer in Military Education and Training the Defence Studies provides basic knowledge of Military Organisation in India, Defence Budgeting and Strategic Management.

- **M.Com**

In the Post Graduate program of M.Com. the specialized areas offered are Business Administration and Advanced Accountancy. The students can acquire the knowledge of Advanced Accountancy Auditing, Direct Taxation, Indirect Taxation and the Capital Markets under the specialisation of Advanced Accountancy.

Under the specialisation of Business Administration, the students acquire in depth knowledge of the various aspects of business organisation like the Marketing Management, Financial Management, Human Resource Management and the Production & Operations Management.

They acquire various skill required to survive in the competition. It also helps the students to specialise in their subjects which are the most required to make them employable. The primary knowledge of Research Methodology is also expected and this can be help to prepare the final year project.

- **BBA**

Bachelor's degree in business administration is aimed at preparing future professionals. The major aim of BBA is to make business professionals who are aware of the business world, good at solving business problems and who can manage work by giving them business management knowledge.

A BBA degree provides students with a broad understanding of business concepts and




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• **B.Sc. Chemistry**

A graduate student is expected to be capable of demonstrating comprehensive knowledge and understanding both theoretical and practical knowledge in all disciplines of Chemistry. Students can solve their subjective problems very methodically, independently and finally draw a logical conclusion. Further, the student will be capable of applying modern technologies, handling advanced instruments and Chemistry related soft-wares




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for chemical analysis, characterization of materials and in separation technology. The course curriculum incorporates basics and advanced training in order to make a graduate student capable of expressing the subject through technical writing as well as through oral presentation. The course curriculum also includes components that can be helpful to graduate students to develop critical thinking and to design, carry out, record and analyze the results of chemical reactions. Students will be able to think and apply evidence based comparative chemistry approach to explain chemical synthesis and analysis. The course curriculum has been designed to provide opportunity to act as team player by contributing in laboratory, field-based situation and industry. The course curriculum is designed in such a way that Chemistry graduate students can handle many Chemistry based software, decent instruments and advanced technologies to synthesize, characterize and analyze the chemical compounds very skilfully. Such a wonderful practice in the graduate level will bring a good opportunity to the students for getting job in industries besides academic and administrative works.




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• B.Sc. Physics

The mission of the Physics program is to prepare students for a variety of career paths including physics and engineering graduate study, teaching, and direct entry into industry. Physics students gain practical experience through hands-on projects in classes, as well as a senior capstone research project or professional internship. Facilities are available for student research in optics, condensed-matter physics, and nuclear physics. The majority of our graduates goes to graduate school in physics and related fields or take engineering-related positions in technical industries.

A student completing a major in Physics shall demonstrate the ability to:

- Demonstrate conceptual understanding of fundamental physics principles
 - Communicate physics reasoning in oral and in written form
 - Solve physics problems using qualitative and quantitative reasoning including sophisticated mathematical techniques
- Conduct independent research or work successfully in a technical position.

• BSc Computer Science & MSc Computer Science

Course Outcome:

Students will be able to design engineering solutions to complex problems utilizing system approach.

To understand the concepts of Computer Science.

To understand the concepts of System Software and Application Software.

To understand the concepts of Algorithms and Programming.

To understand the concepts of Computer Networks and Operating Systems.

To Design, develop, implement and test software systems to meet the given specifications, following the principles of Software Engineering.

To get opportunities in various fields of IT Industries with good package.




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BHONSALA MILITARY COLLEGE

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DR. DINESH NAIK

M.A., SET, Ph.D. (Psy.) M.A. (Eng.)

L.L.B., M.B.A. (H.R.)

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• Mathematics

A graduate of this program are expected to:

- i) Gain sound knowledge on fundamental principles and concepts of Mathematics and computing with their applications related to Industrial, Engineering, Biological and Ecological problems.
- ii) Exhibit in depth the analytical and critical thinking to identify, formulate and solve real world problems of science and engineering.
- iii) Get a relational understanding of mathematical concepts and concerned structures, and should be able to follow the patterns involved, mathematical reasoning.
- iv) A student should get adequate exposure to global and local concerns that explore them many aspects of Mathematical Sciences.
- v) Apply their skills and knowledge, that is, translate information presented verbally into mathematical form, select and use appropriate mathematical formulae or techniques in order to process the information and draw the relevant conclusion.
- vi) Be capable of undertaking suitable experiments/research methods while solving the real-life problem and would arrive at valid conclusions based on appropriate interpretations of data and experimental results.

FACULTY OF MENTAL AND MORAL SCIENCE

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• Economics

After completion of BA in economics students can understand the background of the Indian and global economy with focus on contemporary issues and recent development in the Indian and global economy. This course will develop the awareness of various new developments in different sectors of an economy like agriculture, industry, service sector, banking etc. At the end of the course the student should be able to discuss and debate the various issues and challenges facing the Indian economic environment and global economy and regulatory framework of the financial market in India.

• English

It is universal language and language of communication. Hence one of the best ways to develop English language skills and proficiency is pursuing BA.in English. While doing B.A. in English students become well versed with English literature as well as soft skills and communication skills which have a tremendous demand in the present times. Students of B.A. English literature can walk and talk with confidence also they become a better human being in society. Along with personal and spiritual development and enrichment. This course has following professional outcomes.

- Opportunities in private and government sector
- There is high demand in BPO, s and customer service companies.
- Content writing and creative writing.
- Teaching
- Journalism
- Translator
- Soft skills and Communication Skills trainer
- Can work for NGO



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Psychology-Outcome of B.A. and M.A.(Psychology)

• B.A. (psychology)

After completing undergraduate and postgraduate courses in psychology, students should be able to conduct psychological tests to measure different aspects of behaviour. They will also be able to understand complexities of human behaviour in different areas of functioning. These areas include positive psychology , developmental psychology, social psychology, health psychology, normal psychology and experimental psychology.

• M.A. (Psychology)

Doing M.A. (psychology), should make them able to understand different psychological disorders. They will also be able to conduct small scale research after completing M.A.

• Political Science

The Political Science course aims to provide students with a comprehensive understanding of political systems, theories, institutions, and processes. By the end of the program, students should possess the ability to analyze political phenomena critically, comprehend complex political theories, and evaluate real-world political issues.

Upon completion, students should be equipped with the knowledge to comprehend the dynamics of international relations, the functioning of governmental systems, and the roles of various political actors. The program also aims to foster an awareness of the ethical dimensions of political decision-making and an appreciation of diverse political perspectives.

Overall, the outcome of the Political Science course is to produce graduates who are well-versed in political theories, possess critical thinking abilities, and are capable of contributing meaningfully to discussions and solutions related to local, national, and global political challenges.



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Usefulness of Political Science subject

- 1) A vigilant citizen - Expected role in democratic governance knowing rights and duties
- 2) Competitive Examination - Importance of Political Science as a subject in Central Service Commission, State Service Commission as well as in various competitive examinations and also in Current Affairs section.
- 3) Parliament and State Legislature -Recruitment to various positions of authority to conduct parliamentary or legislative affairs
- 4) Judicial Sector - To become a lawyer and for recruitment to the post of judge
- 5) Educational sector - As a teacher at school and college level
- 6) Journalism - As a journalist in the political field
- 7) Leadership in the political arena

Program outcome Ref. Number criteria 2 sub point 2.6.2

Program Outcome 2020-21

FACULTY OF COMMERCE.

As per SPPU (Savitribai Phule Pune University) B. Com, and M. Com are covered in Commerce faculty.

The program outcome of Undergraduate courses is as follows –

- **B. Com**

The Choice Based Credit System of 132 credits Plus 8 add on credits as a system offers more flexibility to the students to learn subjects of there choice and freedom to move difference institution. Course structure offers discipline specific theory courses practical choice based Optional courses including environmental science democracy election and governance, value added courses English language and skill-based courses. It is special




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designed to provide knowledge skill-based education with value addition.

Students can acquire the knowledge of basics of Trade, Commerce and Aids to Trade like Marketing, Financial Management, Accounting, Banking, Cost Accounting and Commercial Laws. Under this program the optional subjects like Business Administration, Banking and Finance, Cost Accounting, Business Law & Practices and Defence & Strategic Studies are included which shows that students can acquire the knowledge in various subjects relating to the Commerce and Trade as well as it equips them with the basic knowledge required for self-employment. The basic managerial skills accounting skills general knowledge of Income -Tax and auditing are the part of outcome. As the institution is pioneer in Military Education and Training the Defence Studies provides basic knowledge of Military Organisation in India, Defence Budgeting and Strategic Management.

- **M.Com**

In the Post Graduate program of M.Com. the specialized areas offered are Business Administration and Advanced Accountancy. The students can acquire the knowledge of Advanced Accountancy Auditing, Direct Taxation, Indirect Taxation and the Capital Markets under the specialisation of Advanced Accountancy.

Under the specialisation of Business Administration, the students acquire in depth knowledge of the various aspects of business organisation like the Marketing Management, Financial Management, Human Resource Management and the Production & Operations Management.




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They acquire various skill required to survive in the competition. It also helps the students to specialise in their subjects which are the most required to make them employable. The primary knowledge of Research Methodology is also expected and this can be help to prepare the final year project.

• BBA

Bachelor's degree in business administration is aimed at preparing future professionals. The major aim of BBA is to make business professionals who are aware of the business world, good at solving business problems and who can manage work by giving them business management knowledge.

A BBA degree provides students with a broad understanding of business concepts and principles, including accounting, finance, marketing, management, and economics. This foundation can be useful for pursuing careers in a wide range of industries, including finance, marketing, human resources, operations, and more.

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FACULTY OF SCIENCE

UG program BSc. Regular/Computer science is designed and structured to meet the needs of global standards. This system offers more flexibility to the students to learn subjects of their choice and freedom to move to different institutions. Corse structure offers



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Date : / / 20

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discipline-specific theory courses, Practical courses, choice-based optional courses, Environmental science, English language & skill-based courses. Core courses make the students sufficient expertise in the subject. Optional courses are of the student's choice which meets the need of time and fulfil student's interests. Environmental science and language create awareness among students. Skill-based courses are designed in such a way that they are either helpful for self-employment or for research activity. The Computer Program for UG and PG

- **B.Sc. Chemistry**

A graduate student is expected to be capable of demonstrating comprehensive knowledge and understanding both theoretical and practical knowledge in all disciplines of Chemistry. Students can solve their subjective problems very methodically, independently and finally draw a logical conclusion. Further, the student will be capable of applying modern technologies, handling advanced instruments and Chemistry related soft-wares for chemical analysis, characterization of materials and in separation technology. The course curriculum incorporates basics and advanced training in order to make a graduate student capable of expressing the subject through technical writing as well as through oral presentation. The course curriculum also includes components that can be helpful to graduate students to develop critical thinking and to design, carry out, record and analyze the results of chemical reactions. Students will be able to think and apply evidence based comparative chemistry approach to explain chemical synthesis and analysis. The course




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curriculum has been designed to provide opportunity to act as team player by contributing in laboratory, field-based situation and industry. The course curriculum is designed in such a way that Chemistry graduate students can handle many Chemistry based software, decent instruments and advanced technologies to synthesize, characterize and analyze the chemical compounds very skilfully. Such a wonderful practice in the graduate level will bring a good opportunity to the students for getting job in industries besides academic and administrative works.

• B.Sc. Physics

The mission of the Physics program is to prepare students for a variety of career paths including physics and engineering graduate study, teaching, and direct entry into industry. Physics students gain practical experience through hands-on projects in classes, as well as a senior capstone research project or professional internship. Facilities are available for student research in optics, condensed-matter physics, and nuclear physics. The majority of our graduates goes to graduate school in physics and related fields or take engineering-related positions in technical industries.

A student completing a major in Physics shall demonstrate the ability to:

- Demonstrate conceptual understanding of fundamental physics principles
- Communicate physics reasoning in oral and in written form
- Solve physics problems using qualitative and quantitative reasoning including sophisticated mathematical techniques

Conduct independent research or work successfully in a technical position.




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• BSc Computer Science & MSc Computer Science

Course Outcome:

Students will able to design engineering solutions to complex problems utilizing system approach.

To understand the concepts of Computer Science.

To understand the concepts of System Software and Application Software.

To understand the concepts of Algorithms and Programming.

To understand the concepts of Computer Networks and Operating Systems.

To Design, develop, implement and test software systems to meet the given specifications, following the principles of Software Engineering.

To get opportunities in various fields of IT Industries with good package.

• Mathematics- Programme Outcome:(PO)

A graduate of this program are expected to:

i) Gain sound knowledge on fundamental principles and concepts of Mathematics and computing with their applications related to Industrial, Engineering, Biological and Ecological problems.

ii) Exhibit in depth the analytical and critical thinking to identify, formulate and solve real world problems of science and engineering.

iii) Get a relational understanding of mathematical concepts and concerned structures, and should be able to follow the patterns involved, mathematical reasoning.

iv) A student should get adequate exposure to global and local concerns that explore them many aspects of Mathematical Sciences.

v) Apply their skills and knowledge, that is, translate information presented verbally into mathematical form, select and use appropriate mathematical formulae or techniques in order to process the information and draw the relevant conclusion.

vi) Be capable of undertaking suitable experiments/research methods while solving the real-life problem and would arrive at valid conclusions based on appropriate interpretations of data and experimental results.




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FACULTY OF MENTAL AND MORAL SCIENCE

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• **Economics**

After completion of BA in economics students can understand the background of the Indian and global economy with focus on contemporary issues and recent development in the Indian and global economy. This course will develop the awareness of various new developments in different sectors of an economy like agriculture, industry, service sector, banking etc. At the end of the course the student should be able to discuss and debate the various issues and challenges facing the Indian economic environment and global economy and regulatory framework of the financial market in India.

• **English**

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become a better human being in society. Along with personal and spiritual development and enrichment. This course has following professional outcomes.

- Opportunities in private and government sector
- There is high demand in BPO, s and customer service companies.
- Content writing and creative writing.
- Teaching
- Journalism
- Translator
- Soft skills and Communication Skills trainer
- Can work for NGO

Psychology-Outcome of B.A. and M.A.(Psychology)

• B.A. (psychology)

After completing undergraduate and postgraduate courses in psychology, students should be able to conduct psychological tests to measure different aspects of behavior. They will also be able to understand complexities of human behavior in different areas of functioning. These areas include positive psychology , developmental psychology, social psychology, health psychology, normal psychology and experimental psychology.

• M.A. (psychology)

Doing M.A. (psychology), should make them able to understand different psychological disorders. They will also be able to conduct small scale research after completing M.A.




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• Political Science

The Political Science course aims to provide students with a comprehensive understanding of political systems, theories, institutions, and processes. By the end of the program, students should possess the ability to analyze political phenomena critically, comprehend complex political theories, and evaluate real-world political issues.

Upon completion, students should be equipped with the knowledge to comprehend the dynamics of international relations, the functioning of governmental systems, and the roles of various political actors. The program also aims to foster an awareness of the ethical dimensions of political decision-making and an appreciation of diverse political perspectives.

Overall, the outcome of the Political Science course is to produce graduates who are well-versed in political theories, possess critical thinking abilities, and are capable of contributing meaningfully to discussions and solutions related to local, national, and global political challenges.

Usefulness of Political Science subject

- 1) A vigilant citizen - Expected role in democratic governance knowing rights and duties
- 2) Competitive Examination - Importance of Political Science as a subject in Central Service Commission, State Service Commission as well as in various competitive examinations and also in Current Affairs section.
- 3) Parliament and State Legislature -Recruitment to various positions of authority to conduct parliamentary or legislative affairs



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- 4) Judicial Sector - To become a lawyer and for recruitment to the post of judge
- 5) Educational sector - As a teacher at school and college level
- 6) Journalism - As a journalist in the political field
- 7) Leadership in the political arena

Program outcome Ref. Number criteria 2 sub point 2.6.2

Program Outcome 2021-22

FACULTY OF COMMERCE.

As per SPPU (Savitribai Phule Pune University) B. Com, and M. Com are covered in Commerce faculty.

The program outcome of Undergraduate courses is as follows –

- **B. Com**

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Students can acquire the knowledge of basics of Trade, Commerce and Aids to Trade like Marketing, Financial Management, Accounting, Banking, Cost Accounting and




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Commercial Laws. Under this program the optional subjects like Business Administration, Banking and Finance, Cost Accounting, Business Law & Practices and Defence & Strategic Studies are included which shows that students can acquire the knowledge in various subjects relating to the Commerce and Trade as well as it equips them with the basic knowledge required for self-employment. The basic managerial skills accounting skills general knowledge of Income -Tax and auditing are the part of outcome. As the institution is pioneer in Military Education and Training the Defence Studies provides basic knowledge of Military Organisation in India, Defence Budgeting and Strategic Management.

• M.Com

In the Post Graduate program of M.Com. the specialized areas offered are Business Administration and Advanced Accountancy. The students can acquire the knowledge of Advanced Accountancy Auditing, Direct Taxation, Indirect Taxation and the Capital Markets under the specialisation of Advanced Accountancy.

Under the specialisation of Business Administration, the students acquire in depth knowledge of the various aspects of business organisation like the Marketing Management, Financial Management, Human Resource Management and the Production & Operations Management.

They acquire various skill required to survive in the competition. It also helps the students to specialise in their subjects which are the most required to make them employable. The primary knowledge of Research Methodology is also expected and this can be help to prepare the final year project.




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• BBA

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A BBA degree provides students with a broad understanding of business concepts and principles, including accounting, finance, marketing, management, and economics. This foundation can be useful for pursuing careers in a wide range of industries, including finance, marketing, human resources, operations, and more.

FACULTY OF SCIENCE

UG program BSc. Regular/Computer science is designed and structured to meet the needs of global standards. This system offers more flexibility to the students to learn subjects of their choice and freedom to move to different institutions. Course structure offers discipline-specific theory courses, Practical courses, choice-based optional courses, Environmental science, English language & skill-based courses. Core courses make the students sufficient expertise in the subject. Optional courses are of the student's choice which




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DR. DINESH NAIK

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L.L.B., M.B.A. (H.R.)

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meets the need of time and fulfil student's interests. Environmental science and language create awareness among students. Skill-based courses are designed in such a way that they are either helpful for self-employment or for research activity. The Computer Program for UG and PG

- **B.Sc. Chemistry**

A graduate student is expected to be capable of demonstrating comprehensive knowledge and understanding both theoretical and practical knowledge in all disciplines of Chemistry. Students can solve their subjective problems very methodically, independently and finally draw a logical conclusion. Further, the student will be capable of applying modern technologies, handling advanced instruments and Chemistry related soft-wares for chemical analysis, characterization of materials and in separation technology. The course curriculum incorporates basics and advanced training in order to make a graduate student capable of expressing the subject through technical writing as well as through oral presentation. The course curriculum also includes components that can be helpful to graduate students to develop critical thinking and to design, carry out, record and analyze the results of chemical reactions. Students will be able to think and apply evidence based comparative chemistry approach to explain chemical synthesis and analysis. The course curriculum has been designed to provide opportunity to act as team player by contributing in laboratory, field-based situation and industry. The course curriculum is designed in such a way that Chemistry graduate students can handle many Chemistry based software,




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decent instruments and advanced technologies to synthesize, characterize and analyze the chemical compounds very skilfully. Such a wonderful practice in the graduate level will bring a good opportunity to the students for getting job in industries besides academic and administrative works.

• B.Sc. Physics

The mission of the Physics program is to prepare students for a variety of career paths including physics and engineering graduate study, teaching, and direct entry into industry. Physics students gain practical experience through hands-on projects in classes, as well as a senior capstone research project or professional internship. Facilities are available for student research in optics, condensed-matter physics, and nuclear physics. The majority of our graduates goes to graduate school in physics and related fields or take engineering-related positions in technical industries.

A student completing a major in Physics shall demonstrate the ability to:

- Demonstrate conceptual understanding of fundamental physics principles
 - Communicate physics reasoning in oral and in written form
 - Solve physics problems using qualitative and quantitative reasoning including sophisticated mathematical techniques
- Conduct independent research or work successfully in a technical position.

• BSc Computer Science & MSc Computer Science

Students will be able to design engineering solutions to complex problems utilizing system approach.

To understand the concepts of Computer Science.

To understand the concepts of System Software and Application Software.




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To understand the concepts of Algorithms and Programming.

To understand the concepts of Computer Networks and Operating Systems.

To Design, develop, implement and test software systems to meet the given specifications, following the principles of Software Engineering.

To get opportunities in various fields of IT Industries with good package.

- **Mathematics- Programme Outcome:(PO)**

A graduate of this program are expected to:

- i) Gain sound knowledge on fundamental principles and concepts of Mathematics and computing with their applications related to Industrial, Engineering, Biological and Ecological problems.
- ii) Exhibit in depth the analytical and critical thinking to identify, formulate and solve real world problems of science and engineering.
- iii) Get a relational understanding of mathematical concepts and concerned structures, and should be able to follow the patterns involved, mathematical reasoning.
- iv) A student should get adequate exposure to global and local concerns that explore them many aspects of Mathematical Sciences.
- v) Apply their skills and knowledge, that is, translate information presented verbally into mathematical form, select and use appropriate mathematical formulae or techniques in order to process the information and draw the relevant conclusion.
- vi) Be capable of undertaking suitable experiments/research methods while solving the real-life problem and would arrive at valid conclusions based on appropriate interpretations of data and experimental results.




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FACULTY OF MENTAL AND MORAL SCIENCE

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- **Economics**

After completion of BA in economics students can understand the background of the Indian and global economy with focus on contemporary issues and recent development in the Indian and global economy. This course will develop the awareness of various new developments in different sectors of an economy like agriculture, industry, service sector, banking etc. At the end of the course the student should be able to discuss and debate the various issues and challenges facing the Indian economic environment and global economy and regulatory framework of the financial market in India.

- **English**

It is universal language and language of communication. Hence one of the best ways to develop English language skills and proficiency is pursuing BA in English. While doing B.A. in English students become well versed with English literature as well as soft skills and communication skills which have a tremendous demand in the present times. Students of B.A. English literature can walk and talk with confidence also they




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become a better human being in society. Along with personal and spiritual development and enrichment. This course has following professional outcomes.

- Opportunities in private and government sector
- There is high demand in BPO, s and customer service companies.
- Content writing and creative writing.
- Teaching
- Journalism
- Translator
- Soft skills and Communication Skills trainer
- Can work for NGO

Psychology-Outcome of B.A. and M.A.(Psychology)

• B.A. (Psychology)

After completing undergraduate and postgraduate courses in psychology, students should be able to conduct psychological tests to measure different aspects of behavior. They will also be able to understand complexities of human behavior in different areas of functioning. These areas include positive psychology , developmental psychology, social psychology, health psychology, normal psychology and experimental psychology.

• M.A. (Psychology)

Doing M.A. (psychology), should make them able to understand different psychological disorders. They will also be able to conduct small scale research after completing M.A.




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• Political Science

The Political Science course aims to provide students with a comprehensive understanding of political systems, theories, institutions, and processes. By the end of the program, students should possess the ability to analyze political phenomena critically, comprehend complex political theories, and evaluate real-world political issues.

Upon completion, students should be equipped with the knowledge to comprehend the dynamics of international relations, the functioning of governmental systems, and the roles of various political actors. The program also aims to foster an awareness of the ethical dimensions of political decision-making and an appreciation of diverse political perspectives.

Overall, the outcome of the Political Science course is to produce graduates who are well-versed in political theories, possess critical thinking abilities, and are capable of contributing meaningfully to discussions and solutions related to local, national, and global political challenges.

Usefulness of Political Science subject

- 1) A vigilant citizen - Expected role in democratic governance knowing rights and duties
- 2) Competitive Examination - Importance of Political Science as a subject in Central Service Commission, State Service Commission as well as in various competitive examinations and also in Current Affairs section.
- 3) Parliament and State Legislature -Recruitment to various positions of authority to conduct parliamentary or legislative affairs




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- 4) Judicial Sector - To become a lawyer and for recruitment to the post of judge
- 5) Educational sector - As a teacher at school and college level
- 6) Journalism - As a journalist in the political field
- 7) Leadership in the political arena

Program outcome Ref. Number criteria 2 sub point 2.6.2

Program Outcome 2022-23

FACULTY OF COMMERCE.

As per SPPU (Savitribai Phule Pune University) B. Com, and M. Com are covered in Commerce faculty.

The program outcome of Undergraduate courses is as follows –

- **B. Com**

The Choice Based Credit System of 132 credits Plus 8 add on credits as a system offers more flexibility to the students to learn subjects of their choice and freedom to move difference institution. Course structure offers discipline specific theory courses practical choice based Optional courses including environmental science democracy election and governance, value added courses English language and skill-based courses. It is special designed to provide knowledge skill-based education with value addition.

Students can acquire the knowledge of basics of Trade, Commerce and Aids to Trade like Marketing, Financial Management, Accounting, Banking, Cost Accounting and Commercial Laws. Under this program the optional subjects like Business




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Administration, Banking and Finance, Cost Accounting, Business Law & Practices and Defence & Strategic Studies are included which shows that students can acquire the knowledge in various subjects relating to the Commerce and Trade as well as it equips them with the basic knowledge required for self-employment. The basic managerial skills accounting skills general knowledge of Income -Tax and auditing are the part of outcome. As the institution is pioneer in Military Education and Training the Defence Studies provides basic knowledge of Military Organisation in India, Defence Budgeting and Strategic Management.

• M.Com

In the Post Graduate program of M.Com. the specialized areas offered are Business Administration and Advanced Accountancy. The students can acquire the knowledge of Advanced Accountancy Auditing, Direct Taxation, Indirect Taxation and the Capital Markets under the specialisation of Advanced Accountancy.

Under the specialisation of Business Administration, the students acquire in depth knowledge of the various aspects of business organisation like the Marketing Management, Financial Management, Human Resource Management and the Production & Operations Management.

They acquire various skill required to survive in the competition. It also helps the students to specialise in their subjects which are the most required to make them employable. The primary knowledge of Research Methodology is also expected and this can be help to prepare the final year project.




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• BBA

Bachelor's degree in business administration is aimed at preparing future professionals. The major aim of BBA is to make business professionals who are aware of the business world, good at solving business problems and who can manage work by giving them business management knowledge.

A BBA degree provides students with a broad understanding of business concepts and principles, including accounting, finance, marketing, management, and economics. This foundation can be useful for pursuing careers in a wide range of industries, including finance, marketing, human resources, operations, and more.

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FACULTY OF SCIENCE

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students sufficient expertise in the subject. Optional courses are of the student's choice which meets the need of time and fulfil student's interests. Environmental science and language create awareness among students. Skill-based courses are designed in such a way that they are either helpful for self-employment or for research activity. The Computer Program for UG and PG

- **B.Sc. Chemistry**

A graduate student is expected to be capable of demonstrating comprehensive knowledge and understanding both theoretical and practical knowledge in all disciplines of Chemistry. Students can solve their subjective problems very methodically, independently and finally draw a logical conclusion. Further, the student will be capable of applying modern technologies, handling advanced instruments and Chemistry related soft-wares for chemical analysis, characterization of materials and in separation technology. The course curriculum incorporates basics and advanced training in order to make a graduate student capable of expressing the subject through technical writing as well as through oral presentation. The course curriculum also includes components that can be helpful to graduate students to develop critical thinking and to design, carry out, record and analyze the results of chemical reactions. Students will be able to think and apply evidence based comparative chemistry approach to explain chemical synthesis and analysis. The course curriculum has been designed to provide opportunity to act as team player by contributing in laboratory, field-based situation and industry. The course curriculum is designed in such



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a way that Chemistry graduate students can handle many Chemistry based software, decent instruments and advanced technologies to synthesize, characterize and analyze the chemical compounds very skilfully. Such a wonderful practice in the graduate level will bring a good opportunity to the students for getting job in industries besides academic and administrative works.

• B.Sc. Physics

The mission of the Physics program is to prepare students for a variety of career paths including physics and engineering graduate study, teaching, and direct entry into industry. Physics students gain practical experience through hands-on projects in classes, as well as a senior capstone research project or professional internship. Facilities are available for student research in optics, condensed-matter physics, and nuclear physics. The majority of our graduates goes to graduate school in physics and related fields or take engineering-related positions in technical industries.

A student completing a major in Physics shall demonstrate the ability to:

- Demonstrate conceptual understanding of fundamental physics principles
- Communicate physics reasoning in oral and in written form
- Solve physics problems using qualitative and quantitative reasoning including sophisticated mathematical techniques

Conduct independent research or work successfully in a technical position.

• BSc Computer Science & MSc Computer Science

Course Outcome:

Students will be able to design engineering solutions to complex problems utilizing system approach.




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- To understand the concepts of Computer Science.
- To understand the concepts of System Software and Application Software.
- To understand the concepts of Algorithms and Programming.
- To understand the concepts of Computer Networks and Operating Systems.
- To Design, develop, implement and test software systems to meet the given specifications, following the principles of Software Engineering.
- To get opportunities in various fields of IT Industries with good package.

• **Mathematics- Programme Outcome:(PO)**

A graduate of this program are expected to

- i) Gain sound knowledge on fundamental principles and concepts of Mathematics and computing with their applications related to Industrial, Engineering, Biological and Ecological problems.
- ii) Exhibit in depth the analytical and critical thinking to identify, formulate and solve real world problems of science and engineering.
- iii) Get a relational understanding of mathematical concepts and concerned structures, and should be able to follow the patterns involved, mathematical reasoning.
- iv) A student should get adequate exposure to global and local concerns that explore them many aspects of Mathematical Sciences.
- v) Apply their skills and knowledge, that is, translate information presented verbally into mathematical form, select and use appropriate mathematical formulae or techniques in order to process the information and draw the relevant conclusion.
- vi) Be capable of undertaking suitable experiments/research methods while solving the real-life problem and would arrive at valid conclusions based on appropriate interpretations of data and experimental results.




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- **Economics**

After completion of BA in economics students can understand the background of the Indian and global economy with focus on contemporary issues and recent development in the Indian and global economy. This course will develop the awareness of various new developments in different sectors of an economy like agriculture, industry, service sector, banking etc. At the end of the course the student should be able to discuss and debate the various issues and challenges facing the Indian economic environment and global economy and regulatory framework of the financial market in India.

- **English**

It is universal language and language of communication. Hence one of the best ways to develop English language skills and proficiency is pursuing is pursuing BA.in English. While doing B.A. in English students become well versed with English literature as well as soft skills and communication skills which have a tremendous demand in the present times. Students of B.A. English literature can walk and talk with confidence also they



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- Opportunities in private and government sector
- There is high demand in BPO, s and customer service companies.
- Content writing and creative writing.
- Teaching
- Journalism
- Translator
- Soft skills and Communication Skills trainer
- Can work for NGO

Psychology-Outcome of B.A. and M.A.(Psychology)

• B.A. (psychology)

After completing undergraduate and postgraduate courses in psychology, students should be able to conduct psychological tests to measure different aspects of behavior. They will also be able to understand complexities of human behavior in different areas of functioning. These areas include positive psychology , developmental psychology, social psychology, health psychology, normal psychology and experimental psychology.

• M.A. (psychology)

Doing M.A. (psychology), should make them able to understand different psychological disorders. They will also be able to conduct small scale research after completing M.A.

• Political Science

The Political Science course aims to provide students with a comprehensive understanding of political systems, theories, institutions, and processes. By the end of the program, tudents should possess the ability to analyze political phenomena critically, comprehend complex political theories, and evaluate real-world political issues.

Upon completion, students should be equipped with the knowledge to comprehend the dynamics of international relations, the functioning of governmental systems, and the



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Overall, the outcome of the Political Science course is to produce graduates who are well-versed in political theories, possess critical thinking abilities, and are capable of contributing meaningfully to discussions and solutions related to local, national, and global political challenges.

Usefulness of Political Science subject

- 1) A vigilant citizen - Expected role in democratic governance knowing rights and duties
- 2) Competitive Examination - Importance of Political Science as a subject in Central Service Commission, State Service Commission as well as in various competitive examinations and also in Current Affairs section.
- 3) Parliament and State Legislature -Recruitment to various positions of authority to conduct parliamentary or legislative affairs
- 4) Judicial Sector - To become a lawyer and for recruitment to the post of judge
- 5) Educational sector - As a teacher at school and college level
- 6) Journalism - As a journalist in the political field
- 7) Leadership in the political arena.



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