

Mahatma Gandhi Shikshan Mandal's ARTS, SCIENCE AND COMMERCE COLLEGE Chopda Dist.Jalgaon, P.B.No.14, Pin - 425107 Affiliated to Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon

NAAC Re-Accredited 'B' Grade

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Programme Outcomes (PO's), Programme Specific Outcomes (PSO's) and Course Outcomes (CO's)

Academic Year 2018-19

Department of Marathi

ProgrammeOutcomes : B.A. Maratni	
Department of Marathi	After successful completion of three year degree program in Marathi a student should be able to;
Programme Outcomes	१. कथेची अभिरुची विकसित करून घेतो तसेच कथेच्या चिकित्सक अभ्यासाची क्षमता विकसित होते.
	२. यशस्वी उद्योजकांच्या चरित्राद्वारे विद्यार्थांमध्ये व्यावसायिक दृष्टीकोन निर्माण करता येतो.
	३. संवादाची क्षमता विकसित करता येते आणि भाषिक कौशल्य विकसित करणे.
	४. उत्तम दर्जाची व्यावसायिकवृत्ती निर्माण करून यशस्वी उद्योगाची दिशा दाखविता येते.
	५. कादंबरीची आस्वाद क्षमता विकसित होते.
	६. मध्ययुगीन कालखंडातील राज्यकर्त्यांच्या नीती-आचरण आणि शिवकालीन स्वराज्यनिती सूत्रांचा परिचय करून होतो.
	७. पौवार्त्य व पश्चिमात्य साहित्यशास्त्रातील विविध संकल्पना, साहित्याचे स्वरूप, साहित्याचे प्रयोजन आणि साहित्याची निर्मिती प्रक्रिया यांचा स्थूल परिचय करून घेता येतो.
	८. वि.स.खांडेकरांच्या कथांच्या वैशिष्टयांचा परिचय व कथांची आस्वाद क्षमता विकसित करता येते.
	९. नाट्य अभिरुची विकसित करता येते तसेच नाट्य संकल्पना नाट्य आस्वादाची डोळस क्षमता विकसित करता येते.
	१० विशिष्ट कालखंडातील साहित्यिकांच्या साहित्यकृतींचा आस्वाद घेता येतो.
	११ मराठी व्याकरणाची आस्वाद क्षमता विकसित करून आकलन क्षमता विकसित करणे.
Programme Specific Outcomes	१. मराठी साहित्यातील भिन्न भिन्न साहित्य प्रवाह आणि साहित्य प्रकार लक्षात घेणे.
	२. वाद्मयीन अभिरुची विकसित करणे.
	३. उत्तम दर्जाची व्यावसायिकवृत्ती निर्माण करून यशस्वी उद्योगाची दिशा दाखविणे
	४. संवादासाठीची विविध भाषिक कौशल्य विकसित करणे.
	५. शिवकालीन सुराज्य योजनांची ओळख करून देणे.
	६. पौवार्त्य व पश्चिमात्य साहित्यशास्त्रातील विविध संकल्पना,
	साहित्याचे स्वरूप, साहित्याचे प्रयोजन आणि साहित्याची

ProgrammeOutcomes : B.A. Marathi

	निर्मिती प्रक्रिया समजावून देणे.
	७. नाटकातील सुखात्मिका-शोकात्मिका यांचे स्वरूप व वैशिष्टये
	८. कालखंडातील वाड्ययीन विविध प्रवाह व त्या प्रवाहातील
	साहित्यकृती लक्षात घेणे.
Co	ourse Outcomes B. A. Marathi
Course	Outcomes-
	After completion of these courses students should
	be able to;
मराठी जनरल (विशिष्ट वाड्मय	१) मराठी वाड्ययातील कथा या मुलभूत वाड्यय प्रकारची ओळख
प्रकारचा अभ्यास-कथा)	होण्यास मदत होते.
	२) कथा, तिचे स्वरूप, घटक आणि प्रमुख प्रकारांचा परिचय
	विद्यार्थ्यांना होतो.
	३) मराठी कथेच्या आजवरच्या वाटचालीचा परिचय विद्यार्थ्यांना
	होतो.
	४) कथेच्या अभ्यासाची दृष्टी विद्यार्थ्यांमध्ये रुजविण्यास सदर
	अभ्यासक्रमाची मदत होते.
मराठी जनरल- वाड्मयीन मराठी	१) प्रसिद्ध उद्योजकांचा परिचय वाणिज्य विभागातील विद्यार्थ्यांना
	होते.
	२) विद्यार्थ्यांमध्ये वाचन संस्कृती व भाषेविषयी आवड निर्माण करता
	येते.
	३) यशस्वी उद्योजकांच्या चरित्राद्वारे विद्यार्थांमध्ये व्यावसायिक
	दृष्टीकोन निर्माण करण्यास मदत होते.
	४) व्यवसायातील आव्हानांचा परिचय करून देता आला तसेच ती
	पेलण्याची तयारी करून घेता येते.
	५) विद्यार्थ्यांमध्ये उत्तम दर्जाची व्यावसायिकवृत्ती निर्माण करून
	यशस्वी उद्योगाची दिशा दाखविण्यास मदत होते.
मराठी जनरल-कथा आणि संवाद	१) 'माणदेशी माणसं' कथासंग्रहातील कथांची कथानके, व्यक्तिचित्रण व
कौशल्ये यांचा अभ्यास	प्रसंगवर्णन या अंगांनी जाणवणारी वैशिष्टय विद्यार्थ्यांना समजण्यास
	मदत होते. २२ 'मगणनेशी मगणमं' कश्वमगंगनानील कशांनी मंघूर्ष निनेतन व श्वमण
	२) 'माणदेशी माणसं' कथासंग्रहातील कथांची संघर्ष,निवेदन व भाषा या अंगांनी जाणवणारी वैशिष्टय लक्षात येतात.
	या अगाना जाणवणारा वाशप्टय लक्षात यतात. ३) संवादाच्या औपचारिक व अनौपचारिक प्रकारांचा परिचय
	र) तथादाव्या आपयारिक व अनापयारिक प्रकाराया पारंपय विद्यार्थ्यांना होतो.
	४) भाषण,सादरीकरण , वादविवाद, सूत्रसंचालन, गटचर्चा या संवाद
	कौशल्यांचे स्वरूप विद्यार्थ्यांच्या लक्षात येण्यास मदत होते तसेच त्यांचे
	उपयोजन करण्यास विद्यार्थी शिकतात.
मराठी जनरल-वाड्मय प्रकारचा	१) विद्यार्थ्यांना कादंबरी या वाड्मय प्रकारची ओळख करून घेता आली.
अभ्यास (कादंबरी)	२) विद्यार्थ्यांना आधुनिक काळातील कादंबरीच्या प्रेरणा समजून घेता
	थेतात.
	३) रारंगढांग या कादंबरीचा आशय, त्यातील संघर्ष, पात्रचित्रण यांचे

	प्रातिनिधिक स्वरुपात अध्ययन करण्यास मदत होते.
मराठी विशेषस्तर -१ (मध्ययुगीन	 १) शिवकालीन स्वराज्यनिती सूत्रांचा परिचय विद्यार्थ्यांना होतो.
गद्य वाड्यय प्रकारचा अभ्यास)	२) सुराज्यासाठी आज्ञापात्रातील महत्वाचे विचार विद्यार्थ्यांना
······································	समजण्यास मदत होते.
	३) विद्यार्थ्यांना लोककल्याणकारी योजनांची माहिती समजण्यास मदत
	होते.
	४) मध्ययुगीन कालखंडातील राज्यकर्त्यांच्या नीती-आचरण यांचा
	, परिचय विद्यार्थ्यांना करून घेता येतो.
मराठी विशेषस्तर -२	१) पौवार्त्य व पश्चिमात्य साहित्यशास्त्रातील विविध संकल्प्नानाचा
(साहित्य स्वरूप विचार)	., स्थूल परिचय विद्यार्थ्यांना करून घेता येतो.
	२) साहित्याचे स्वरूप, साहित्याचे प्रयोजन आणि साहित्याची निर्मिती
	प्रक्रिया यांचा विद्यार्थ्यांना परिचय होतो.
	३) साहित्याचे विविध उपप्रकारांचे स्वरूप व वैशिष्टयांचा स्थूल परिचय
	विद्यार्थ्यांना करून घेण्यास मदत होते.
मराठी जनरल –ललित वाड्यय कथा	१) कथा वाड्मयाची वाटचाल विद्यार्थ्यांना समजण्यास मदत होते.
~	२) कथेच्या विविध घटकांची ओळख विद्यार्थ्यांना होते.
	३) कथेचे वेगळेपण कोणते ते विद्यार्थ्यांना समजण्यास मदत होते.
	४) मराठी कथेच्या योगदानाची ओळख विद्यार्थ्यांना होते.
	५) वि.स.खांडेकरांच्या कथांच्या वैशिष्टयांचा परिचय विद्यार्थ्यांना
	होतो.
मराठी जनरल-वाड्यय प्रकार –नाटक	१) नाटक या प्रकारची संकल्पना व व्याख्या यांची ओळख विद्यार्थ्यांना
4	होते.
	२) नाटकाचे प्रकार,घटक, कथानक, व्यक्तिचित्रण, भाषाशैली व संघर्ष
	यांचा परिचय विद्यार्थ्यांना होतो.
	३) नाटकाच्या सामाजिक, ऐतिहासिक,राजकीय नाटकांचा परिचय
	सहजपणे विद्यार्थ्यांना होण्यास मदत होते.
	४) नाटकातील सुखात्मिका-शोकात्मिका यांचे स्वरूप व वैशिष्टये
	विद्यार्थ्यांना समजण्यास मदत होते.
	५) मराठी नाटकाच्या इतिहासाचा परिचय विद्यार्थ्यांना होतो.
मराठी विशेषस्तर -३ आधुनिक	१) १९२० ते १९६० या कालखंडातील वाद्मयीन व सांस्कृतिक
मराठी वाड्मयाचा इतिहास १९२०	घटनांचा परिचय विद्यार्थ्यांना होतो.
ते १९६०	२) १९२० ते १९६० या कालखंडातील वाड्मयीन विविध प्रवाहांचा
	परिचय विद्यार्थ्यांना होण्यास मदत होते.
	३) १९२० ते १९६० या कालखंडातील वाड्मयीन वाड्मय प्रकारांच्या
	वाटचालीचा व वाड्मयीन साहित्य कृतींचा परिचय विद्यार्थ्यांना करून
	<u>घेता येतो.</u>
	४) १९२० ते १९६० या कालखंडातील कथा,कादंबरी,नाटक व काव्य
	या वाड्मय प्रकारातील प्रमुख लेखक व त्यांचे वाड्मयीन कार्य यांचा
	परिचय विद्यार्थ्यांना करून घेता येतो.
मराठी विशेषस्तर -४ भाषाविज्ञान	१) भाषा स्वरूप व तिचे मानवी जीवनातील कार्य विद्यार्थ्यांना
	समजावून घेता येते.

२) स्वननिर्मिती प्रक्रिया, वागीन्द्रीयांची रचना व कार्य विद्यार्थ्यांना
समजण्यास मदत होते.
३) स्वनीम संकल्पना व रुपिम संकल्पना विद्यार्थ्यांना समजून घेता
येतात.
४) वाक्यविन्यास आणि अर्थविन्यास यांचे स्वरूप विद्यार्थ्यांना
समजावून घेता येतात.
५) मराठी पारंपारिक व्याकरणातील काही महत्वाच्या घटकांचा
परिचय विद्यार्थ्यांना होतो.

ProgrammeOutcomes : M.A. Marathi

Department of Marathi	After successful completion of two year
	degree program in Marathi a student
	should be able to;
Programme Outcomes	१) मराठी साहित्यातील विविध साहित्य
	प्रवाहाच्या संकल्पना समजावून घेता येतात.
	२) भाषा सिद्धांत आणि व्याकरण व्यवस्था तसेच
	भाषा, समाज, संस्कृती यातील परस्परसंबंध
	समजून घेता येतात.
	३) मध्ययुगीन कालखंडातील प्रमुख पद्य रचना
	समजून घेता येतात.
	४) लोकसाहित्य-संकल्पना तसेच खानदेशातील
	लोकजीवन आणि लोकसाहित्य यांचे
	परस्परांशी असलेले अनुबंध समजून घेता
	येतात.
	५) मध्ययुगीन मराठी वाड्मयाची ओळख करून
	घेता येते.
	६) समीक्षेची आवड निर्माण करून चिकित्सक
	दृष्टी विकसित करता येते.
	७) आण्णाभाऊ साठे यांच्या वाड्मयीन कर्तृत्वाचे
	आकलन करून घेता येते तसेच वाड्मयीन
	कलाकृतीतून होणारा जीवनमुल्यांचा परिचय
	करून घेता येतो.
	८) स्रीवाद या वाड्मयीन प्रवाहाच्याद्वारे स्रीवादी
	जाणीवा विकसित करता येतात.
Programme Specific Outcomes	्र) मराठी साहित्यातील विविध साहित्य
0	प्रवाहाच्या संकल्पना आणि निर्मितीची कारणे
	समजावून घेण्यास मदत होते.
	२) पाश्चात्य भाषावैज्ञानिकांनी मांडलेले प्रमुख
) । स्वार्थ गावावशाग्विम्मा माठपाय प्रमुख

	सिद्धांत आणि व्याकरण व्यवस्था तसेच भाषा
	समाज, संस्कृती यातील परस्परसंबंधसमजून
	घेता येतात.
	३) मध्ययुगीन कालखंडातील प्रमुख पद्य रचना
	प्रकारांचे विशेष व स्वरूप समजून घेता
	येतात.
	४) लोकसाहित्य-संकल्पना व स्वरूप विद्यार्थ्यांन
	र्समजून घेता येते तसेच खानदेशातीय
	लोकजीवन आणि लोकसाहित्य यां
	परस्परांशी असलेले अनुबंध समजून घेण्या
	मदत होते.
	 ५) भाषा आणि संस्कृतीच्या संदर्भात मध्ययुगीन
	वाद्मयाचा परिचय करून करून घेता येतो.
	६) वाड्ययीन मूल्यमापनाची दृष्टी विकसित
	होण्यास मदत होते.
	७) लेखकाच्या साहित्यकृतीतून तत्कालीन
	सामाजिक,सांस्कृतिक घटनांचा प्रवृतींचा
	शोध घेता येतो.
	८) स्रीवाद या वाड्मयीन प्रवाहाच्या प्रेरणा व
	प्रवृत्ती व वेगळेपण शोधण्यास मदत करता
	येते.
	es M. A. Marathi
	ester-I
Course	Outcomes
	After completion of these courses
	students should be able to;
मराठी पेपर-१मध्ययुगीन मराठी वाड्मयाचा इतिहास	१) मध्ययुगीन मराठी वाद्मयाची ओळख विद्यार्थ्यांना
प्रारंभ ते १८१८	करून घेता येतो.
	२) भाषा आणि संस्कृतीच्या संदर्भात मध्ययुगीन
	२) भाषा आणि संस्कृतीच्या संदर्भात मध्ययुगीन वाड्मयाचा अभ्यास विद्यार्थ्यांना सोप्या पद्धतीने
	२) भाषा आणि संस्कृतीच्या संदर्भात मध्ययुगीन वाड्मयाचा अभ्यास विद्यार्थ्यांना सोप्या पद्धतीने करता येतो.
	२) भाषा आणि संस्कृतीच्या संदर्भात मध्ययुगीन वाड्मयाचा अभ्यास विद्यार्थ्यांना सोप्या पद्धतीने करता येतो. ३) मध्ययुगीन गद्य-पद्य वाड्मय निर्मितीच्या प्रेरणा
	 २) भाषा आणि संस्कृतीच्या संदर्भात मध्ययुगीन वाड्मयाचा अभ्यास विद्यार्थ्यांना सोप्या पद्धतीने करता येतो. ३) मध्ययुगीन गद्य-पद्य वाड्मय निर्मितीच्या प्रेरणा विद्यार्थ्यांना जाणून घेता येतो.
	 २) भाषा आणि संस्कृतीच्या संदर्भात मध्ययुगीन वाड्मयाचा अभ्यास विद्यार्थ्यांना सोप्या पद्धतीने करता येतो. ३) मध्ययुगीन गद्य-पद्य वाड्मय निर्मितीच्या प्रेरणा विद्यार्थ्यांना जाणून घेता येतो. ४) मध्ययुगीन काळातील विविध राजवटींचा मराठी
	 २) भाषा आणि संस्कृतीच्या संदर्भात मध्ययुगीन वाड्मयाचा अभ्यास विद्यार्थ्यांना सोप्या पद्धतीने करता येतो. ३) मध्ययुगीन गद्य-पद्य वाड्मय निर्मितीच्या प्रेरणा विद्यार्थ्यांना जाणून घेता येतो. ४) मध्ययुगीन काळातील विविध राजवटींचा मराठी वाड्मयावरील प्रभाव आणि परिणामांचा अभ्यास
	 २) भाषा आणि संस्कृतीच्या संदर्भात मध्ययुगीन वाड्मयाचा अभ्यास विद्यार्थ्यांना सोप्या पद्धतीने करता येतो. ३) मध्ययुगीन गद्य-पद्य वाड्मय निर्मितीच्या प्रेरणा विद्यार्थ्यांना जाणून घेता येतो. ४) मध्ययुगीन काळातील विविध राजवटींचा मराठी वाड्मयावरील प्रभाव आणि परिणामांचा अभ्यास विद्यार्थ्यांना सखोलपणे करता येतो.
	 २) भाषा आणि संस्कृतीच्या संदर्भात मध्ययुगीन वाड्मयाचा अभ्यास विद्यार्थ्यांना सोप्या पद्धतीने करता येतो. ३) मध्ययुगीन गद्य-पद्य वाड्मय निर्मितीच्या प्रेरणा विद्यार्थ्यांना जाणून घेता येतो. ४) मध्ययुगीन काळातील विविध राजवटींचा मराठी वाड्मयावरील प्रभाव आणि परिणामांचा अभ्यास विद्यार्थ्यांना सखोलपणे करता येतो. ५) मध्ययुगीन विविध वाड्मय प्रवाहांचा अभ्यास
	 २) भाषा आणि संस्कृतीच्या संदर्भात मध्ययुगीन वाड्मयाचा अभ्यास विद्यार्थ्यांना सोप्या पद्धतीने करता येतो. ३) मध्ययुगीन गद्य-पद्य वाड्मय निर्मितीच्या प्रेरणा विद्यार्थ्यांना जाणून घेता येतो. ४) मध्ययुगीन काळातील विविध राजवटींचा मराठी वाड्मयावरील प्रभाव आणि परिणामांचा अभ्यास विद्यार्थ्यांना सखोलपणे करता येतो. ५) मध्ययुगीन विविध वाड्मय प्रवाहांचा अभ्यास विद्यार्थ्यांना करता येतो.
मराठी पेपर-२साहित्य-समीक्षा	 २) भाषा आणि संस्कृतीच्या संदर्भात मध्ययुगीन वाड्मयाचा अभ्यास विद्यार्थ्यांना सोप्या पद्धतीने करता येतो. ३) मध्ययुगीन गद्य-पद्य वाड्मय निर्मितीच्या प्रेरणा विद्यार्थ्यांना जाणून घेता येतो. ४) मध्ययुगीन काळातील विविध राजवटींचा मराठी वाड्मयावरील प्रभाव आणि परिणामांचा अभ्यास विद्यार्थ्यांना सखोलपणे करता येतो. ५) मध्ययुगीन विविध वाड्मय प्रवाहांचा अभ्यास विद्यार्थ्यांना करता येतो. १) साहित्य आणि समीक्षा यांचे महत्व विद्यार्थ्यांना
	 २) भाषा आणि संस्कृतीच्या संदर्भात मध्ययुगीन वाड्मयाचा अभ्यास विद्यार्थ्यांना सोप्या पद्धतीने करता येतो. ३) मध्ययुगीन गद्य-पद्य वाड्मय निर्मितीच्या प्रेरणा विद्यार्थ्यांना जाणून घेता येतो. ४) मध्ययुगीन काळातील विविध राजवटींचा मराठी वाड्मयावरील प्रभाव आणि परिणामांचा अभ्यास विद्यार्थ्यांना सखोलपणे करता येतो. ५) मध्ययुगीन विविध वाड्मय प्रवाहांचा अभ्यास विद्यार्थ्यांना करता येतो.

	विकसित होण्यास मदत होते.
	३) समिक्षेविषयी योग्य तो समज विद्यार्थ्यांमध्ये
	निर्माण होण्यास मदत होते.
	४) विद्यार्थ्यांमध्ये समीक्षेविषयी क्षमता वाढविण्यास
	मदत होते.
	५) साहित्य निर्मिती, साहित्याचे मूल्यमापन,
	संकल्पना विद्यार्थ्यांना सहजपणे समजून घेता येते.
	६) विद्यार्थ्यांमध्ये साहित्य समिक्षेविषयक जाण,
	दृष्टीकोन निर्माण करण्यास हातभार लावता येतो.
मराठी पेपर-३साहित्य कृतीचा अभ्यास	रे) स्वातंत्र्यपूर्व काळातील वाड्मयीन जाणिवांचा अभ्यास विद्यार्थ्यांना सखोलपणे करता येतो.
	२) कवी/नाटककार यांच्या कालाकृतीवरील पडलेला
	परिस्थितीजन्य प्रभाव विद्यार्थ्यांना जाणून घेता येतो.
	३) साहित्यिकांच्या साहित्य कृतीतून
	, सामाजिक,वाड्ययीन प्रेरणांचा शोध विद्यार्थ्यांना
	घेण्यास मदत मदत होते.
	४) लेखकाचे वाड्ययीन योगदान विद्यार्थ्यांना
	अभ्यासता येते.
	५) साहित्यिकाचे वाड्मयीन योगदान यांचा परिचय
	विद्यार्थ्यांना करून घेता येतो.
	६) साहित्यकृतीतून होणाराजीवनमूल्यांचा परिचय
	विद्यार्थ्यांना अभ्यासता येतो.
मराठी पेपर-४स्रीवादी साहित्य	१) मराठी साहित्यातील नव प्रवाहांचा परिचय
	विद्यार्थ्यांना करून घेता येतो.
	२) स्रीवाद या वाड्मयीन प्रवाहाच्या प्रेरणा व प्रवृत्ती
	यांचा अभ्यास विद्यार्थ्यांना सोप्या पद्धतीने करता
	येतो.
	३) स्रीवादी वाड्मयीन प्रवाहाचे वेगळेपण
	विद्यार्थ्यांच्या लक्षात येण्यास मदत होते.
	४) मराठीतील स्रीवादी साहित्य कलाकृतींचा अभ्यास
	विद्यार्थ्यांना करता आला व स्रीवादी जाणिवांचे
	स्वरूप यांचाही परिचय विद्यार्थ्यांना होण्यास मदत
	होते .
	ster-II
मराठी पेपर-१मध्ययुगीन मराठी वाड्मयाचा इतिहास	१) मध्ययुगीन मराठी वाड्मयाची ओळख विद्यार्थ्यांना
१६५० ते १८१८	करून घेण्यास मदत झाली . २४ व्याप्स व्यापि संस्कृति मुल्लास्त्रि
	२) भाषा आणि संस्कृतीच्या संदर्भात मध्ययुगीन
	वाद्मयाचा अभ्यास विद्यार्थ्यांना सोप्या पद्धतीने करता रे र ो
	येतो.
	३) मध्ययुगीन गद्य-पद्य वाद्मय निर्मितीच्या प्रेरणा जिन्मधर्मन जगान, केन्स्र केन्स्रे
	विद्यार्थ्यांना जाणून घेता येतो. ४५ मल्ल्यामेन सम्बद्धीत सिर्फ सम्बद्धी
	४) मध्ययुगीन काळातील विविध राजवटींचा मराठी

मराठी पेपर-५स्वातंत्र्योत्तर कालखंडातील साहित्य प्रवाह	१) साहित्य प्रवाहाची संकल्पना विद्यार्थ्यांना जाणून घेता येतात.
Sen	nester-III
	स्वरूप यांचाही परिचय विद्यार्थ्यांना होतो.
	, विद्यार्थ्यांना करता आला व स्रीवादी जाणिवांचे
	४) मराठीतील स्रीवादी साहित्य कलाकृतींचा अभ्यास
	विद्यार्थ्यांच्या लक्षात येण्यास मदत होते.
	्यता. ३) स्रीवादी वाड्ययीन प्रवाहाचे वेगळेपण
	यांचा अभ्यास विद्यार्थ्यांना सोप्या पद्धतीने करता येतो.
	२) स्रीवाद या वाड्मयीन प्रवाहाच्या प्रेरणा व प्रवृत्ती
	विद्यार्थ्यांना करून घेता येतो.
मराठी पेपर-४स्रीवादी साहित्य	१) मराठी साहित्यातील नव प्रवाहांचा परिचय
	विद्यार्थ्यांना अभ्यासता येतो.
	६) साहित्यकृतीतून होणारा जीवनमूल्यांचा परिचय
	विद्यार्थ्यांना करून घेता येतो.
	अम्यासता यत. ५) साहित्यिकाचे वाड्ययीन योगदान यांचा परिचय
	४) लेखकाचे वाड्मयीन योगदान विद्यार्थ्यांना अभ्यासता येते.
	घेण्यास मदत होते. ४) लेखकाचे वानगीन गोणनान विनार्थ्णांना
	सामाजिक,वाड्मयीन प्रेरणांचा शोध विद्यार्थ्यांना
	३) साहित्यिकांच्या साहित्य कृतीतून
	परिस्थितीजन्य प्रभाव विद्यार्थ्यांना जाणून घेता येतो.
	२) कवी/नाटककार यांच्या कालाकृतीवरील पडलेला
····· · · · · · · · · · · · · · · · ·	अभ्यास विद्यार्थ्यांना सखोलपणे करता येतो.
मराठी पेपर-३साहित्य कृतीचा अभ्यास	१) स्वातंत्र्यपूर्व काळातील वाड्ययीन जाणिवांचा
	दृष्टीकोन निर्माण करण्यास हातभार लावता येतो.
	संकल्पना विद्यार्थ्यांना सहजपणे समजून घेता येतात. ६) विद्यार्थ्यांमध्ये साहित्य संशोधनविषयक जाण,
	५) साहित्य निर्मिती, साहित्याचे मूल्यमापन, संकलाना विद्यार्थ्यांना सटानाणो साण्यन घेता येतात
	मदत होते. ५२ सम्बद्धाः निर्मितीः सम्वित्यपत्रे सन्त्रसम्प्रमन
	४) विद्यार्थ्यांमध्ये संशोधनविषयी क्षमता वाढविण्यास
	निर्माण होण्यास मदत होते.
	३) संशोधनविषयी योग्य तो समज विद्यार्थ्यांमध्ये
	विकसित होण्यास मदत होते.
	२) विद्यार्थ्यांची वाड्मयीन मूल्यमापनाची दृष्टी
	जाणून घेता येते.
मराठी पेपर-२साहित्य-संशोधन	१) साहित्य आणि संशोधन यांचे महत्व विद्यार्थ्यांना
	र) मध्ययुगाम पिषिव पाज्यय प्रयाहाया अम्यात विद्यार्थ्यांना करता येतो.
	विद्यार्थ्यांना सखोलपणे करता येतो. ५) मध्ययुगीन विविध वाड्मय प्रवाहांचा अभ्यास
	वाद्मयावरील प्रभाव आणि परिणामांचा अभ्यास

	२) साहित्य प्रवाहांच्या उदयामागील
	सामाजिक,सांस्कृतिक व वाड्मयीन पार्श्वभूमी
	विद्यार्थ्यांना समजून घेता येते.
	३) विद्यार्थ्यांना स्वातंत्र्योत्तर कालखंडातील
	न्वसाहित्य, ग्रामीण महानगरीय या साहित्य प्रवाहांचे
	स्वरूप जाणून घेऊन त्यांच्या वैशिष्टयांचा शोध घेता
	येतो.
	४) स्वातंत्र्योत्तर कालखंडातील नवसाहित्य, ग्रामीण
	, महानगरीय या साहित्य प्रवाहांची विविध वाड्मय
	प्रकारातील वाटचाल विद्यार्थ्यांना जाणून घेता येते.
	५) स्वातंत्र्योत्तर कालखंडातील नवसाहित्य, ग्रामीण
	महानगरीय या साहित्य प्रवाहांच्या प्रातिनिधिक
	साहित्य कृतींचा अभ्यास विद्यार्थ्यांना करण्यास मदत
	होते.
मराठी पेपर-६भाषाविज्ञान	१) पाश्चात्य भाषावैज्ञानिकांनी मांडलेल्या प्रमुख
	सिद्धांतांचा परिचय विद्यार्थ्यांना होते.
	२) स्वनीम विचाराचे स्वरूप जाणून घेऊन मराठीच्या
	स्वनीम व्यवस्थेची मांडणी याविषयीची माहिती
	विद्यार्थ्यांना जाणून घेता येते.
	३) रुपिम विचाराचे स्वरूप विद्यार्थ्यांना जाणून घेता
	येते.
	४) वाक्यविचाराचे स्वरूप विद्यार्थ्यांना जाणून घेता
	येते.
	५) अर्थविचाराचे स्वरूप विद्यार्थ्यांना जाणून घेता
	2 dd .
मराठी पेपर-५स्वातंत्र्योत्तर कालखंडातील साहित्य	१) मध्ययुगीन कालखंडातील पद्य वाड्ययातील
प्रवाह	वैविध्यपूर्ण रचना प्रकारांचा अभ्यास विद्यार्थ्यांना
	करता येतो.
	२) मध्ययुगीन कालखंडातील प्रमुख पद्य रचना
	, प्रकारांचे स्वरूप विद्यार्थ्यांना जाणून घेता येते.
	३) मध्ययुगीन कालखंडातील अभंग या रचना
	, प्रकाराचे स्वरुपविशेष विद्यार्थ्यांना जाणून घेता येते.
	४) प्रातिनिधिक अभंग रचनांच्या अनुषंगाने अभंग या
	, रचना प्रकाराचा अभ्यास विद्यार्थ्यांना करण्यास मदत
	होते.
	५) मध्ययुगीन कालखंडातील भारुड या पद्य रचना
	, प्रकारांचे स्वरुपविशेष विद्यार्थ्यांना जाणून घेता येते.
	६) प्रातिनिधिक भारुड रचनांच्या अनुषंगाने भारुड या
	रचना प्रकाराचा अभ्यास करण्यास विद्यार्थ्यांना मदत
	होते.
मराठी पेपर-७मध्ययुगीन पद्य रचनांचा अभ्यास	१) मध्ययुगीन कालखंडातील पद्य वाड्ययातील
(अभंग आणि भारुड)	वैविध्यपूर्ण रचना प्रकारांचा अभ्यास विद्यार्थ्यांना

	करता येतो.
	२) मध्ययुगीन कालखंडातील प्रमुख पद्य रचना
	प्रकारांचे स्वरूप विद्यार्थ्यांना जाणून घेता येते.
	३) मध्ययुगीन कालखंडातील अभंग या रचना
	प्रकाराचे स्वरुपविशेष विद्यार्थ्यांना जाणून घेता येते.
	४) प्रातिनिधिक अभंग रचनांच्या अनुषंगाने अभंग या
	रचना प्रकाराचा अभ्यास विद्यार्थ्यांना करण्यास मदत
	होते .
	५) मध्ययुगीन कालखंडातील भारुड या पद्य रचना
	प्रकारांचे स्वरुपविशेष विद्यार्थ्यांना जाणून घेता येते.
	६) प्रातिनिधिक भारुड रचनांच्या अनुषंगाने भारुड या
	रचना प्रकाराचा अभ्यास करण्यास विद्यार्थ्यांना मदत
	होते.
मराठी पेपर-८लोकसाहित्य	१) लोकसाहित्य-संकल्पना व स्वरूप विद्यार्थ्यांना
	समजून घेता येते.
	२) लोकसाहित्य आणि अन्य ज्ञानशाखा यातील
	अनुबंध जाणून विद्यार्थ्यांना समजून घेता येते.
	३) लोकसाहित्याच्या विविध अभ्यास पद्धतीचे स्वरूप
	विद्यार्थ्यांच्या लक्षात येण्यास मदत होते.
	४) लोकसाहित्याच्या अभ्यासाची भारतीय परंपरा
	विद्यार्थ्यांच्या लक्षात येते.
	५) लोकसाहित्याच्या अभ्यासातील अडचणी
	विद्यार्थ्यांना जाणून घेता येते.
	६) मराठी लोकसाहित्याचा परिचय विद्यार्थ्यांना
	होतो.
Sem	ester-IV
मराठी पेपर-५ स्वातंत्र्योत्तर कालखंडातील	१) स्वातंत्र्योत्तर कालखंडातील दलित, आदिवासी,
साहित्यप्रवाह	भटके विमुक्त व मुस्लीम साहित्य प्रवाहांचे स्वरूप
	जाणून घेऊन त्यांच्या वैशिष्टयांचा शोध विद्यार्थ्यांना
	घेण्यास मदत होते.
	२) स्वातंत्र्योत्तर कालखंडातील दलित, आदिवासी,
	भटके विमुक्त व मुस्लीम साहित्य प्रवाहांची विविध
	वाड्मय प्रकारातील वाटचाल विद्यार्थ्यांना जाणून घेता
	होते.
	३) स्वातंत्र्योत्तर कालखंडातील दलित, आदिवासी,
	भटके विमुक्त व मुस्लीम साहित्य प्रवाहांच्या
	प्रातिनिधिक साहित्यकृतींचा अभ्यास विद्यार्थ्यांना
	सोप्या पद्धतीने करण्यास मदत होते.
मराठी पेपर-६सामाज भाषाविज्ञान	१) समाजभाषा विज्ञानाचे स्वरूप आणि या अभ्यास
	क्षेत्राची व्याप्ती विद्यार्थ्यांना समजण्यास मदत होते.
	२) भाषा, समाज, संस्कृती यातील परस्परसंबंध जाणून
	घेऊन त्यानुसार भाषेतील स्तरभेदांचे स्वरूप

	विद्यार्थ्यांच्या लक्षात येण्यास मदत होते. ३) समाजभाषाविज्ञानातील पायाभूत संकल्पना विद्यार्थ्यांना समजून घेता येते. ४) बोलींच्या अभ्यासाचे भाषावैज्ञानिक महत्व विद्यार्थ्यांना लक्षात येते. ५) खान्देशातील निवडक बोलींची समाजभाषा विज्ञानाच्या अंगाने जाणवणारी वैशिष्टये विद्यार्थ्यांच्या लक्षात येते.
मराठी पेपर-७मध्ययुगीन पद्य रचना प्रकारांचा अभ्यास (आख्यान काव्य आणि लावणी)	 १) मध्ययुगीन कालखंडातील पद्य वाद्मयातील वैविध्यपूर्ण रचना प्रकारांचा अभ्यास करण्यास विद्यार्थ्यांना मदत होते. २) मध्ययुगीन कालखंडातील प्रमुख पद्य रचना प्रकारांचे स्वरूप विद्यार्थ्यांना जाणून घेता येते. ३) मध्ययुगीन कालखंडातील आख्यान काव्य या रचना प्रकाराचे स्वरुपविशेष विद्यार्थ्यांना जाणून घेता येते. ४) प्रातिनिधिक आख्यान काव्य या रचनांच्या अनुषंगाने अभंग या रचना प्रकाराचा अभ्यास करण्यास विद्यार्थ्यांना मदत होते. ५) मध्ययुगीन कालखंडातील लावणी या पद्य रचना प्रकारांचे स्वरुपविशेष विद्यार्थ्यांना जाणून घेता आले. ६) प्रातिनिधिक भारुड रचनांच्या अनुषंगाने लावणी या रचना प्रकाराचा अभ्यास करण्यास विद्यार्थ्यांना मदत होते.
मराठी पेपर-८खानदेशातील लोकसाहित्य	 १) खानदेशातील लोकजीवन आणि लोकसाहित्य यांचे परस्परांशी असलेले अनुबंध विद्यार्थ्यांना जाणून घेता होते. २) खानदेशातील अहिराणी, लेवा, गुजर, तावडी या बोलीतील लोकगीते, लोककथा,म्हणी, वाक्प्रचार, उखाणे यांचा परिचय होतो. ३) खानदेशातील लोकनाट्याचे (तमाशा,गोंधळ,वही गायन) यांचे स्वरूप विद्यार्थ्यांना जाणून घेता येते. ४) खानदेशातील आदिवासींच्या लोकसाहित्याचे (लोकगीते,लोकनाट्य,लोककथा) यांचे स्वरूप विद्यार्थ्यांना समजून घेण्यास मदत होते.

Department of Hindi

Programme Outcomes: B.A. Hindi

Department of Hindi	After successful completion of three year degree program in Hindi	
	student should be able to;	
Programs Specific	1) To make use of Hindi for communication	
Outcome	2) To understand Hindi language	
	3) To acquire command over the use of Hindi for creative writing	
	4) To understand the contribution of different authors to Hindi	
	literature	
	5) To spread the knowledge of the national language among others	

Course Outcomes B. A. Hindi

Courses	Outcomes
	After completion of these courses students should be able to;
Hindi Gen	Students can work anywhere in India, as they know Hindi - Our
Hindi Paper I Paper II	National Language. In many other countries also, Hindi is used as
Paper III	an Official Language as well as second Language. So they can
Paper IV	easily be employed easily in those countries also.
	As they are Practicing Translation from Hindi to English and
	English to Hindi and some other Languages as well, they can
	become Translators in many Central Govt Offices. They are
	learning Poetry and Grammar -so they can become creative writers
	or poets are authors.
	By Reading and observing Drama's and one act plays they can
	become good actors. By having good communication skills and
	command over language one can becomes good speaker. Having
	good command over particular language one can present himself in
	better way. Learning Hindi in non-hindi region definitely one can
	achieve anything.

Department of English

ProgrammeOutcomes : B.A. English

Department of English		ter successful completion of three year degree program in glish student should be able to;
Programme Outcomes		Students should be familiar with representative literary and
	_,	cultural texts within a significant number of historical,
		C
		geographical, and cultural contexts.
	2)	Students should be able to apply critical and theoretical approaches
		to the reading and analysis of literary and cultural texts in multiple
		genres.
	3)	Students should be able to identify, analyze, interpret and describe
		the critical ideas, values, and themes that appear in literary and
		cultural texts and understand the way these ideas, values, and
		themes inform and impact culture and society, both now and in the
		past.
	4)	Students should be able to write analytically in a variety of
	,	formats, including essays, research papers, reflective writing, and
		critical reviews of secondary sources.
	5)	Students should be able to ethically gather, understand, evaluate
		and synthesize information from a variety of written and electronic
		sources.
	6)	Students should be proficient in oral communication and writing.
	0)	brudents should be pronorent in oral communication and writing.
Programs Specific	1)	Understand major and minor forms of literature.
Outcome	2)	Have developed interest in literature and language.
	3)	Enjoy reading the short stories, poems, novels and dramas.
	4)	Know the literary theories, terms and concepts in Criticism.
	5)	Appreciate the literary works.
	6)	Understand the structure and function of grammatical units.
	7)	Know the use of language at semantic and syntactic levels. The
	, í	

	students could
	8) Use English effectively in formal and informal situations.
	9) Attempt creative writings.
	10) Know phonological and morphological aspects of English.
	11) Be employable and ready to do jobs in industry, government,
	schools and offices.
	12) Have enriched confidence to appear for competitive examinations.

Courses	Outcomes	
	After completion of these courses students should be able to;	
English Special Paper-III Indian Writing in English and America Literature	1) Students got acquainted with the growth of Indian drama and	
	novel in English.	
	2) Students evaluate, analyze, appreciate and criticize prescribed	
	drama and novel.	
	3) Students got acquainted with the social, political and cultural	
	background and literary Movements of the 20 th century.	
	4) Students are well versed with the developments in American	
	poetry and novel.	
English Special Paper-IV	1) Students understood the properties and functions of language.	
The Study of English Language	2) This course inculcated phonological competence among	
	students.	
	3) Acquainted the students with English grammatical forms and	
	functions.	
	4) Acquainted the students with morphological concepts and	
	processes.	
	5) Students got introduced to the basic concepts in syntactic and	
	semantic levels of language	
English General Paper - III (G-III)	1) Students got acquainted with origin of drama and dramatic art.	
The Study Of Drama	2) Students got introduced to the aspects and genres of drama.	
	3) Students can trace the development of English drama.	

Course Outcomes B. A. English

	4) This course has inculcated the competence amongst the
	students to study drama systematically.
Compulsory English	1) Students will get fluent in four basic skills of English
	Language i.e. Listening, Speaking, and Reading& Writing
	(LSRW).
	2) Students got proficiency in Communication
	3) Inculcated moral & ethical values among the students.
	4) Students are well versed reports writing and other technical
	communication

Department of Geography

Programme Outcomes : B.A. Geography

Department of	After successful completion of three year degree program in Geography
Geography	student should be able to;
Programs Specific Outcome	1) Geography is interdisciplinary subject having the constant status in all disciplines and Faculties. This subject is learn not only in Science, Commerce and Arts faculties but also in Engineering, IT, Survey of India, Tourist Industries, Military etc. In recent and advanced days traditional courses of geography could not provide the job opportunities to
	 geography Students. 2) Urban Planner or Community Development: – Geography is a natural tie- in with urban or city planning. City planner's work on zoning, land use, new developments, from a gas station renovation to the development of whole new sections of urban area. You'll work with individual property owners, developers and other officials. If you are interested in this area, be sure to take Urban Geography and Urban Planning classes. An internship
	 with a city planning agency is essential experience for this type of work. 3) Cartographer: - For those with cartography courses backgrounds may enjoy work as a cartographer. The news media, book publishers, atlas publishers, government agencies and others are looking for cartographers to help produce maps. This would likely require relocation.
	4) GIS Specialist: - City Governments, Country Agencies and other Government and Private Agencies or Groups are often in need of experienced GIS professionals. Coursework and internship in GIS are especially important. Computer programming or engineering skills are very helpful in this arena- the more about computers and languages you know, the better off you are.
	5) Climatologist: – Agencies like National Weather Services, News Media, the Weather Forecasting Channels, and other Government Entities occasionally need Climatologist. Admittedly, these Jobs usually go to those with Meteorology Degrees, a Geographer with experience and vast coursework in Meteorology and Climatology would definitely be an asset.
	 6) Transportation Management: – Like Urban and City Planning, there are opportunities in local Government but regional transit authorities or shipping, logistics, and transportation companies look kindly to someone with transportation Geography in their background and good computer and analytical skills.
	 7) Environmental Management: – A plethora of Environmental Assessment, cleanup, and management companies exist throughout the world today. A Geographer brings excellent skills for project management and the development of reports like Environmental impact reports. It's often a wide-open field with tremendous growth opportunities.

Programme Outcomes : M.A. / M.Sc. Geography

After successful completion of two year degree program in
Geography student should be able to;1) Govt. Department: A geographer can avail job opportunities in
 1) Govt. Department. A geographer can avail job opportunities in government departments (like planning and developmental commissions, forestry, environmental, and disaster management departments etc), travel agencies, manufacturing firms, text book and map publishers, media agencies, etc. 2) Cartographer: Many people choose to work as a cartographer who is a person with extensive knowledge about maps and is involved in making maps, charts, globes, and models of Earth and other planets.
 3) Surveyor: Many others with a degree in geography also opt to work as a surveyor. A surveyor is the person who is involved in measuring the surface of land, distance between two places through mathematical calculations. Their job involves lot of on the field work and is majorly recruited by state and central survey departments, construction companies and so on. At SY and TY level Plane Table Survey, GPS Surveys are included in the syllabus. Many posts of surveyors are vacant in privet sector and Govt department of survey.
4) GPS Surveyors: In recent days even the fields of GIS as well as Remote Sensing are providing job opportunities to people with the educational background in geography and related specialisations. And not to forget the management of the lifelines of most modes of transport that occurs via travel and tourism wherein people with a background in geography are often recruited (along with the required certifications) as tour operators, itinerary planners, tour guides and so on. Also those with PhD or relevant master's can also opt to teach the subject at school, college or masters level or may be involved in developing educational content for the relevant subject. Indeed, it is correctly said that geography is everywhere and opens our eyes to the world we live in, and so for those curious souls who love to know more and explore about the earth, the road towards geography may lead you to your final
 destination! Get going 5) Geographers provide their services in diverse fields. There are comparatively few geographers so they are in high demand at national and international level. The remuneration depends on the potential, experience, seniority and type of organisation. Generally private companies pay awesome wage along with other benefits, when compared with the government and public organisation. In the field of geography, a qualified person can expect a starting salary somewhere around Rs. 15,000 - 25,000 per month. The senior persons in private sector may draw more than Rs.1,20, 000 per month. Consultants also get attractive consultancy fees. 6) Drafter: He/she associate closely with engineers and architectures.

	their location and utilization.
7	Government employer: Central government agencies employ
	geographers for mapping, intelligence work and remote sensing
	interpretation. State and local governments employ geographers on
	planning and development commissions.
8	Urban and regional planner: Concerned with planning, housing
	and Development projects with respect to their location and
	utilization of available land-space.
9)	
	government agencies and private groups are often in need of
	experienced GIS professionals.
10	D) Climatologist: Agencies viz. National Weather Service, news
	media, the Weather Channel and other government entities
	occasionally need climatologist. A geographer with experience and
	vast coursework in meteorology and climatology serves as the best
	climatologist.
1	1) Transportation manager: The regional transit authorities or
	shipping, logistics and transportation companies requires in
	transportation geography.
1	2) Environmental Manager: The environmental assessment, clean-up
	and management companies require a geographer for
	environmental impact reports. It's often a wide-open field with
	tremendous growth opportunities.
1.	B) Science (Geography) writer: One can serve as a science writer or a
1.	
1	travel writer for a magazine or newspaper.
14	4) Researcher: Many Government and non-government institutes
	along with research centres offers several career options for
	qualified geographers with numerous specializations.
	5) Teacher/Professor: The college teachers, school teachers and
	university teacher. Depending upon the experience and degrees
	obtained.
	6) Demographer: In government and research organizations.
1	7) Government officer: Geographical Survey of India/State and
	Central government provides job opportunities.
	B) Careers in Indian Navy: The Indian Navy is the seventh largest in
	the world and is a well knit, cohesive fighting force with tri
	dimensional capabilities. The Indian Navy provides you all the
	training you need and help you make the most of what you have
	your talents, your skills, your spirit and your aspirations. You get
	very challenging job and get chance to travel widely.

Course Outcomes M.A. / M.Sc. Geography

Semester-III

After completion of courses students should be able to;		
Course	Outcomes	
Gg. 311: (A) Regional Geography of U. S. A.	 To discuss the geography of the United States as a field of regional study. 	
	2) To understand the major geographical regions of the United States.	
	3) To illustrate Natural Resources, Agriculture and Transportation.	
	4) To illustrate and define regions as a means of interpreting the	
	complexity of theUnited States.	
Gg. 312: Environmental Geography	 To understand components, interactions and nutrient cycles in the environment. 	
	 To acquire a set of economic, aesthetic, social and cultural values for environment. 	
	3) To aware about the climatic change and degradation of environmental.	
	4) To promote individuals and social groups to involve actively at all	
	levels inenvironmental decision making.	
Gg. 313: Geographical	1) To acquaint the students with the concepts of GIS.	
Information System	2) To acquire theoretical knowledge of tools and techniques of GIS.	
	3) To develop and to qualify the students for practical usage of GIS.	
	4) To develop the students for research and planning.	

Gg. 314: Urban	1)	To develop awareness among the students about the data sources
Geography		and their application to understand and evaluate the spatial patterns
		and processes of urbanization.
	2)	To encourage the students to study the urban morphology and
		urban functions with special reference to India.
	3)	To understand the evolution of urban settlements with relevant
		theories and models.
	4)	To study the fundamental concepts of urban settlement.
	5)	To examine the contemporary urban issues and suggest remedial
		measures on them.
	6)	To acquire the knowledge about the planned cities in India.
Gg. 315: Practical Of	1)	To gain a basic and practical understanding of GIS concepts,
Physical Geography With The Help Of G.I.S		techniques.
L	2)	To enable students to perform basic GIS analysis.
	3)	To introduce ILWIS and provide practical experience of a range of
		GIS functions.
	4)	To learn utilization of ILWIS tools to perform analysis in Physical
		Geography.
	5)	To know utilization of GIS in the context of business needs and IT
		strategies.
	6)	Have ability to survey agricultural land, calculation of farm area
		and to convert indifferent units.

Semester-IV

$C = 411 \cdot (C)$		
Gg. 411: (C) Geography Of Rural	1)	To study the fundamental concepts of rural settlement.
Settlement	2)	To understand and evaluate the spatial patterns of rural settlements.
	3)	To study the rural morphology and rural functions with special
		reference to India.
	4)	To understand the evolution of rural settlements with relevant theories
		and models.
	5)	To examine the contemporary rural issues and suggest remedial
		measures onthem.
Gg. 412: (C) Urban	1)	To understand and evaluate the spatial patterns and processes of
Geography		urbanization.
	2)	To study the urban morphology and urban functions with special
		reference to India.
	3)	To understand the evolution of urban settlements with relevant
		theories and models.
	4)	To study the fundamental concepts of urban settlement.
	5)	To examine the contemporary urban issues and suggest remedial
		measures on them.
	6)	To acquire the knowledge about the planned cities in India.
Gg. 413 (A) Research	1)	To create an awareness about research in the field.
Methodology	2)	To make a scientific view about the geographical phenomenon.
	3)	To develop the research ability and get solution on various problems.
Gg. 414: Watershed	1)	This course is introduced to prepare the students for better planning of
Management &		watershed.
Planning	2)	Watershed planning and management is easy and authentic with the
		help of GIS and Remote Sensing techniques.
	3)	To develop the PG students for research and planning, this course is
		introduced.
	4)	Number of job opportunities are available for the students of
		geography in the field of GIS, RS and watershed planning

	department.
Gg. 415: Practicals Of Topographical Maps, Aerial Photographs, Satellite Imageries & Surveying	 To introduce the students with basic knowledge of topographical maps, aerial photographs and satellite imageries. To know the importance and techniques of interpretation of topographical maps, erial photographs and satellite imageries. To identify and study the relationship existed between various natural and cultural features depicted in the maps, photographs and imageries. To introduce the students with basic principles of GPS and it's functioning. To give practical knowledge about survey using GPS receiver. To prepare the survey layout using post-processing software.
Gg. 416: Principles Of Climatology	 To acquaint the students with basic knowledge of atmosphere, weather and climate To know the fundamental concepts of climatology To understand various weather phenomena To identify climatic differentiation on the earth To acquire the knowledge of weather forecasting

Department of Political Science

ProgrammeOutcomes : B.A. Political Science

Department of	After successful completion of three year degree program in		
Political Science	Political Science student should be able to;		
Programme Outcomes	1) Students enable to develop and be able to demonstrate skills		
	conducting as well as presenting research in political science.		
	2) Students enable to analyze political and policy problems and		
	formulate policy options.		
	3) Students enable to develop academic proficiency in the subfields		
	of Indian Government and Politics, Comparative Government,		
	International Relations, Public Administration, Political Theory		
	and Political Ideology.		
	4) Students enable to discuss the major theories and concepts of		
	political science and its subfields, and also deliver thoughtful and		
	well-articulated presentations of research.		
Programs Specific			
Outcome	1) Can Prepare for Competitiveexams.		
	2) Can admit to MA Politics, LLB and MBA etc.		
	3) Work as a teacher in colleges, Jr. Colleges, highschools & schools.		
	4) Serve as political party member, political adviser, and well citizen		
	ofIndia.		

Course Outcomes B. A. Political Science

Semester-V

After completion	on of these courses students should be able to;
Course	Outcomes
TYBA (A - G3) Personnel	1) Students enable to explain the role of local government in
Administration and Management	India.
	2) Students enable to understand the contributions of various
	committees on local government.
	3) Students enable to describe the features and provisions of
	Constitutional Amendment Acts regarding Local
	Government Institutions.
	4) Students enable to equip the learner to play an active and
	responsible leadership role in the functioning of Local
	Government Institutions.
	5) Students enable to describe the significance and role of Gram
	Sabha.
TYBA (S-3) Western Political	1) Students enable to understanding of various Western
Thought	Political Thinkers and his thoughts.
	2) Students enable to understanding of various Western
	Political Thinkers Plato's Idealistic Approach, Aristotle's
	Realistic Approach.
	3) Students enable to understanding of various Western
	Political Thoughts Machiavelli, John Lock and Karl Marks.
	4) Students enable to understanding of various Western
	Political Thoughts John Stuart Mill (J.S. Mill), John Rawls,
	Harold Laski etc.

TYBA (S-4) Modern Political	1) Compare and contrast the concepts of Political Socialization,
Analysis	Political Culture.
	2) Explain the Meaning, Definition and Scope and Almond's
	Approaches of conversion function of Political System.
	3) Explain the Meaning, Definition, Nature and Importance of
	Political Participation.
	4) Explain the Meaning, Definition, Nature & Characteristics
	Types, Various levels of Political Elite & Political
	Leadership and how he applies it to society and the state.
	5) Compare and contrast the concepts of Political
	Communication, Political Change, Political Development
	and Political Modernization.

Semester-VI

After completion of these courses students should be able to;	
Course	Outcomes
TYBA (A - G3) Personnel Administration and Management	 Students enable to understand the contributions of various committees on local Administration and Management. Students enable to describe the features and provisions Local Government Institutions. Students enable to understand the process of committees on local Administration and Management.
TYBA (S-3) Western Political Thought	 Students enable to understanding of Western Political ThinkerJ.S.Milland his thoughts. Students enable to understanding of various Western Political Thoughts Machiavelli, John Lock and Karl Marks. Students enable to understanding of John Rolls.
TYBA (S-4) Modern Political Analysis	 Explain the Meaning, Definition, Nature & Characteristics Types, Various levels of Political Elite & Political Leadership. Explain the Meaning, Definition and Scope and Almond's

Programme Outcomes : M.A. Political Science

Department of Political Science		ter successful completion of two year degree program in litical Science student should be able to;
Programme Outcomes		Post Graduate Course in Political Science seeks to offer students
		advance knowledge of political concepts and practices in a manner
		that enables students to relate them to the contemporary local,
		national and international event.
	2)	Knowledge of some of the philosophical understanding of modern
		politics and government and the legal principles by which political
		disputes are often settled.
	•	
	3)	Understanding of government institutions, electoral processes, and
		policies in a variety of countries around the world and the ability
		to compare the effectiveness or impact of differing political
		arrangements across countries.
Programs Specific	1)	Competitive Examinations: It is learn that in the NET/SET,
Outcome		MPSC/UPSC and other competitive examinations.
	2)	Public Administrator: As a Public Administrator, MA Political
		Science graduates can utilize their knowledge to inform policy
		decisions and administer those decisions effectively.
	3)	Consultant: A political consultant is a professional who helps an
		organization make politically informed choices. Their knowledge
		about political philosophy comes in handy in such roles.

Semester-III

After completion of these courses stu	idents should be able to:
Course	Outcomes
POL – 231 Socio - Political Research Methods	1) Student knows how to introduce the key issues and details
	Socio – Political Research Methods.
	2) Students enable to understand and analyze Socio – Political
	Research Methods.
	3) Student understands the expansive meaning of Socio –
	Political Research Methods.
	4) Student understands the Definition, Characteristics,
	Objectives, Types and Importance of Literature Review of
	Socio – Political Research Methods.
POL – 232 Comparative Political	1) Student knows how to introduce the key issues and details
Processes	of the Emergence and Development of Comparative
	Politics.
	2) Students enable to understand and analyze Comparative
	Political Process.
	3) Student understands the expansive meaning of Comparative
	Political Process as it shapes in the arena of world politics,
	in the form of mass mobilizations and as politics of
	interests.
	4) Students enable to understand and analyze Political Party &
	Pressure Groups.
	5) Student enables to understand the dynamics of domestic
	politics across the countries.
	6) Student enables to understand the significance of the
	comparative methodology.

2)	of various theories.
2)	Students know a brief history of international politics.
3)	They understanding what are happening in the world and
	the levels of analysis. Competing theories are presented.
4)	Student enables to understand the significance of the
	International Relations.
5)	Student enables to understand the Meaning, nature,
	Importance, International Relations and International
	Politics.
1)	Students enable to apply the theories and used to illustrate
	how each level of analysis the international system, the
	state, and the individual- to help in organizing and
	conceptualizing the issues.
2)	Student enables to understand the major issues of the
	twenty first century- security, economics and transnational
	issues are presented and analyzed.
3)	Students enable to introduce the New World Order and
	Emergence of Regional Organization.
4)	Students know a brief history of international politics.
5)	Student enables to understand the UN: Emergence,
	Objectives, Structure and Limitations in present World
	Order General Assembly.
	 5) 1) 2) 3) 4)

Semester-IV

After completion of these courses students should be able to;		
Course	Outcomes	
POL – 231 Socio - Political	1) Student knows how to introduce the key issues and details	
Research Methods	Socio – Political Research Methods.	
	2) Students enable to understand Socio – Political Research	
	Methods.	

	3) Student understands the expansive meaning of Socio –
	Political Research Methods.
POL – 232 Comparative Political	1) Student knows how to introduce the key issues and details
Processes	of the Emergence and Development of Comparative
	Politics.
	2) Students enable to understand and analyze Comparative
	Political Process.
	3) Students enable to understand and analyze Political Party
	& Pressure Groups.
POL 233 International Relations	1) Students know a brief history of international politics.
	2) They understanding what are happening in the world and
	the levels of analysis. Competing theories are presented.
	3) Student enables to understand the significance of the
	International Relations.
POL 234(B) UN and Regional	1) Student enables to understand the major issues of the
Organizations	twenty first century- security, economics and transnational
	issues are presented and analyzed.
	2) Students enable to introduce the New World Order and
	Emergence of Regional Organization.
	3) Students know a brief history of international politics.

Department of Psychology

ProgrammeOutcomes : B.A. Psychology

Department of	After successful completion of three year degree program in
Psychology	Psychology student should be able to;
Programme Outcomes	1) Able to understand basic concepts of Psychology.
	2) Understand the impact of environment, society, heredity on
	persons Behavior.
	3) Understand the human social behavior.
	4) Awareness of self and social well being.
	5) Think scientifically about surrounding human behavior.
	6) Understand human development.
	7) To write study tour report
	8) Understand to relate the fundamental principles of Psychology
	in everyday life.
	9) Understand to the students aware of the application of the
	various concepts in social Psychology
	10) Understand to importance of Psychology knowledge in
	everyday life
Programs Specific Outcome	

Course Outcomes B. A. Psychology

After completion of these courses students should be able to;		
Course	Outcomes	
PSY-351 (A) Modern Applied Psychology	 To able to understand importance to applied Psychology in everyday life. 	
Psy – 361 (A) Applied Psychology & Human Ifie	2) To able to understand differences between applied	

Psychology fields.
3) To able to understand Psychological research methods &
techniques.
4) To able to understand community Psychology and fields
of Psychology.
5) To able to understand community issues and prevention
programs.
6) To understand leadership qualities and functions of
leaders of community Psychology.
7) To able to understand clinical Psychology application in
community Psychology.
8) To understand Health Psychology & issues of health
Psychology.
9) To able to understand social Psychology behaviors, issues,
social change and Psychology of terror- causes and
prevention.
10) To able to understand crime Psychology and types of crime Psychology.
11) To able to understand application in controlling criminal
behavior – social awareness and social responsibility.
12) To understand positive Psychology and importance of
positive Psychology.
13) T o able to understand application of emotional
management in everyday life
14) To able to understand Communication techniques and
skills.

Department of History

ProgrammeOutcomes : B.A. History

Department of	After successful completion of three year degree program in
History	History student should be able to;
Programme Outcomes	1) Able to understand basic concept of History.
	2) Understand to the student aware of the application of the
	various concept in History.
	3) To write study tour report.
	4) Increasing student interest in History subject.
	5) Contemplate the concept of History.
	6) Studying human values among students from various legend in
	History.
	7) To stimulate patriotism, nationalism and patriotism among the
	students through the subjects of History.

Course Outcomes B. A. History

After completion of these courses students should be able to;			
Course	Outcomes		
351: History of Modern World	1) Career and job oriented syllabus (MPSC, UPSC, NET,		
(A.D. 1789 to A.D. 1900)	SET, Railway Board and staff selection).		
361: History of Modern World (A.D. 1901 to A.D. 1945)	2) To develop the skill and opportunities among the students.		
	3) Job oriented syllabus newly introduce i.e. archive in india		
	and tourism business etc.		
	4) To make awareness about word History.		
	5) To make awareness abautresaech.		
	6) Syllabus related to tour and excursion, visit and report		
	writing.		

Department of Economics

Programme Outcomes: B.A. Economics

Department of Economics	After successful completion of three year degree program in Economics student should be able to;
Programme Outcomes	 Principles of Micro-economics
Programs Specific Outcome	 Introduced the students to the basic principles of microeconomic theory. How to microeconomic concepts can be applied to analyze real life situations

Course Outcomes B. A. Economics

Semester-V

After completion of these courses students should be able to;		
Course	Outcomes	
Indian Economy Since 1980	1) It is helpful to understanding thevarious issues of the Indian	
	Economy	
Public Finance and Policies	1) To develop the analyzing capability in the context of current	
	Indian Economic Problems	
Economics of Indian Agriculture	1) To able the students for appearing the MPSC, UPSC and other	
	competitive Examinations	

Semester-VI

After completion of these courses students should be able to;									
Course	0	utco	mes						
International Trade and Practices	1)	То	develop	the	analyzing	capability	inthe	context	of
		Inte	rnational	Гrade	and Practic	es			

Programme Outcomes : M.A. Economics

Department of Economics	After successful completion of three year degree program in Economics student should be able to;
Programme Outcomes	1) Advanced Micro Economics
	2) Statistics for Economics
Programs Specific Outcome	1) To understand the use of production theory
	2) This subject guide to researcher for research

Course Outcomes M.A. Economics

Semester-III

After completion of these courses students should be able to;		
Course	Outcomes	
Theories of Economic Development	Students analyses about economical development	
International Economics		
Modern Banking System in	Students able to work in modern banking world	
India		

Department of Physics

Programme Outcomes : B.Sc. Physics

Department of Physics	After successful completion of three year degree program in Physics student should be able to;
Programme Outcomes	 Demonstrate and think in depth to understand the minor and major
	concepts in scientific and technological aspects in all disciplines of
	physics
	2) Enrich the knowledge through problem solving and also think
	methodically to draw a logical conclusion.
	3) Develop analytical abilities towards real world problems and
	create an awareness of the impact of Physics on the society.
	4) Develop awareness to use modern techniques, decent equipment's,
	and also the scientific knowledge to design, record and analyze the
	results of Physics experiments.
Programs Specific	1) To have the knowledge of Physics through theory and practical's
Outcome	as well as knowledge of basic concepts of Physics in depth.
	2) To solve the problems in real life situations by applying various
	laws of Physics.
	3) To understand good laboratory practices and safety which can be
	useful in higher studies in Physics as well as other than Physics
	also.
	4) To develop the research oriented skills to handle the sophisticated
	instruments /equipment's.

Course Outcomes B. Sc. Physics

Semester-V

After completio	on of these courses students should be able to;
Course	Outcomes
PHY-301: Mathematical Physics	1) To understand Gauss divergence theorem, Stoke's theorem,
	Green's 1st and 2nd theorem
	2) Know the Cartesian, spherical polar and cylindrical co-
	ordinate systems.
	3) Study the singular points of Legendre, Hermite differential
	equation and Funche's theorem
	4) Study the Generating functions for Legendre Polynomial
	Pn(x), Hermite polynomial Hn(x), and Bessel functions of
	first kind
	5) To understand the Special Theory of Relativity
PHY-352: Classical Mechanics	1) Understand Fundamental Forces of Nature and Newton"s
	Laws of motion.
	2) Gain the knowledge of motion in central force field and
	Reduction of two body problem into equivalent one body
	problem
	3) Understands D'Alemberts principle, Lagrangian and
	Hamiltonian formulation
	4) Know the Rotating coordinates system and Effects of
	Corioli's force
PHY-353: Atomic & Mol. Physics	1) To understand the physical interpretation of quantum
	numbers, electron spin and Pauli's exclusion principle.
	2) To study the L-S & j-j coupling schemes
	3) Study the Zeeman Effect and Paschen Back effect
	4) To study the Moseley's law.
	5) To study the Raman spectra
PHY-354 (B): Instrumentation II	1) To understand the Analog and Digital types instruments
	2) Study of Analog and digital transducers
	3) To know the AC Bridges
	4) To study the Digital to Analog and Analog to Digital
L	1
	converters
--------------------------------	--
	5) To study the Display Devices and Recorders
PHY-355: Solid State Physics	1) To study the different crystal structures and their properties.
	2) To understand the Cohesive energy and Bonding in solids
	3) To understand the principles and techniques of X-ray
	diffraction
	4) To study the thermal properties of solids.
	5) To understand the free electron theory of metals and Band
	theory of solids
PHY-356 (D): Microprocessor- I	1) Study the microcomputer architecture and operations
	2) To understand the Microprocessor Architecture and function
	of each block.
	3) To Study the addressing mode for 8085
	4) To understand the Code conversion programmes.

After completion of these courses students should be able to;	
Course	Outcomes
PHY-361: Classical	1) To study the differential form of Gauss's law and its
Electrodynamics	Applications
	2) To understand the Electrostatic Field In Dielectrics and their
	properties.
	3) Get the knowledge of Biot and Savart's law
	4) To know the Maxwell's, Faraday's and Ampere's law of
	induction in differential and integral form
PHY-362: Quantum Mechanics	1) Formulation of Schrödinger equation-time
	dependent and timeindependent forms
	2) To understand the Applications and 1-D problems of
	Schrödinger's equation
	3) To study the Solutions of Hydrogen atom
	4) To understand the Commutation and commutative
	algebra of operators

PHY-363: Nuclear Physics	1) Know the properties of nucleus and understanding of
	elementary particles
	2) To understand the concept of radioactivity and decays law
	3) To study the Nuclear Models and its achievements,
	limitations etc.
	4) To study the theories of nuclear reactions
	5) To understand the nuclear reactors like swimming
	pool reactor.
	6) To gain the knowledge of Nuclear Detectors and
	Accelerators
PHY-364: Stat. Mech.	1) Basic concepts of probability with examples
&Thermodyna.	2) Understand statistical distribution of system of particles and
	Statistical Ensembles
	3) To study of Statistical calculations of
	thermodynamic quantities
	4) To study of Statistical Ensembles and their
	applications
	5) To understand the thermodynamic TdS equations
PHY-365: Elements of	1) To gain the knowledge of classification of materials
Material Science	2) To study the Organic Materials and polymers
	3) To study the mechanical, electrical, magnetic and therma
	properties of materials
	4) To understand the Dislocations and Plastic
	Deformation
	5) To study the phase diagrams like Unary Phase
	diagram, Binary Phase Diagram
PHY-366 (D): Microprocessor-	1) To know the Interfacing with RAMS & ROMS
II	2) To understand the Pin diagram of Intel 8255
	3) To study the Architecture of Intel-8251
	4) To understand the Operations of MODE 0, MODE 1,

Programme Outcomes : M.Sc. Physics

Department of Physics	After successful completion of three year degree program in Physics student should be able to;
Programme Outcomes	1) To promote a culture of research and produce quality
	human resource in the field of Physics.
	2) To teach students a solid foundation of physical,
	mathematical, and relevant scientific as well as
	technological knowledge
	3) To developing the intellectual skills essential for prosperity
	and success in their careers.
	4) To encourage a culture of research in students and inspire
	them towards a career of innovation
	5) To enhance research capabilities by doing a comprehensive
	literature survey and reading advanced texts.
Programs Specific Outcome	1) Students got a professional learning experience through
	vigorous work that is deliberated with the application of
	daily life phenomenon.
	2) They shared their knowledge by contributing to the local
	industry society and also be able to integrate in to the
	international research activities.
	3) They realized a sense of professional responsibility and
	carrying out such responsibility in line with utmost
	standards of professional ethics. (developing honesty,
	fairness and dedication during their research work)
	4) They are able to analyze problems based on physics as well
	as mathematical principles by utilizing their skills and
	physics tools.
	5) They are able to use theoretical knowledge to implement
	practical solutions

Course Outcomes M. Sc. Physics

Semester-III

fter completion of these courses students should be able to;	
Course	Outcomes 1) To understand the Atomic Spectre and hyperfine structures
PHY 301: Atomic and Molecular Physics	1) To understand the Atomic Spectra and hyperfine structures
T Hysics	2) To gain the knowledge of pure rotational spectra, Rotation-
	vibration spectra, visible and UV spectra
	3) To understand the Anharmonic oscillator
	4) To know the parallel and perpendicular bands of linear
	molecules
	5) To study the graphical representation and rotational
	structure of electronic spectra
	6) To study the Raman effect
	7) To understand the NMR spectrometer and its applications
PHY 302 (A): Materials Synthesis	1) To study the Langmuir-Frankel theory of condensation
Methods	2) To understand the various techniques of Thin Films
	Depositions
	3) To study the Multiple beam interferometry
	4) To know the Importance of growing single crystals and
	their uses
	5) To understand the electrical properties of thin and thick
	films
PHY 303 (A): Systematic	1) To study the importance of materials characterization
Materials Analysis	2) To study the requirements for infrared radiation Absorption
	3) To use the Beer's and Lambert's laws
	4) To understand the Structure and Particle size determination
	5) To understand the use of electron microscopy
	6) To study the basic principles of Scanning Tunneling
	Microscopy

After completion of these courses students should be able to;	
Course	Outcomes
PHY 401: Nuclear Physics	1) Know the properties of nucleus likes binding energy,
	magnetic dipolemoment and electrical quadrapol moment
	2) To study the Nuclear Models and nuclear magic numbers
	3) To understand the n-p, p-p scattering at low and high energy
	4) To study the Interaction of charged particle and EM radiations
	with matter
	5) To study the use of various accelerators and Radiation Detectors
	6) To understand the basic concept of elementary Particle
	Physics
PHY 402 (A):Nanomaterials:	1) To understand the nanomaterials and their necessity
Synthesis, Properties and Applications	2) To study the various methods for synthesis of Nanomaterials
	3) To study the Synthesis of SWNT and MWNT and their
	applications
	4) To study the Synthesis of metal chalcogenides
	nanocomposites and their use
	5) To study the different Characterization techniques of
	Nanomaterials and their use in different technology.
PHY 403 (A):	1) To study Solar Radiation ⁢"s Measurements.
RenewableEnergySources	2) To understand the Biomass Energy Conversion Technologies
	and their uses
	3) To study the principles and basic components of wind
	mill
	4) To study the various ocean energy conversion
	technologies
	5) To understand the Basics of geothermal electric
	power plant
	6) To know the operation of fuel cell

Ph.D. PHYSICS

Programme Outcomes (POs)	Program Specific Outcomes (PSOs)
To encourage a culture of research in students andproduce quality human resource in the field of Physics	Students are able to analyze problems based on physics by utilizing their skills and physics tools and also shared their knowledge by contributing to the local industry society
To enhance research capabilities and develop the intellectual skills essential for prosperity and success in students career	Students are able to integrate in the international research activities and deliberated with the application of daily life phenomenon.

Department of Chemistry

Course Outcomes B. Sc. Chemistry

After completion of these courses students should be able to;		
Course Code	Outcomes	
CH-341:Physical Chemistry	1) The course aims to give fundamental understanding and	
	applications of electrochemical Cells, Nuclear Chemistry,	
	Crystal structure and Quantum Chemistry. Students get to	
	know thermodynamics and EMF, Chemical cell with and	
	without transfer, application of EMF measurement such as	
	pH determination, determination of solubility and	
	solubility product. Basic elements of quantum chemistry	
	are also introduced.	
CH- 342: Inorganic Chemistry	1) Students are made aware of chemistry of f block elements	
	principles and applications of catalysis, organomettalic	
	chemistry and the principles	
CH -343:Organic chemistry	1) Students are introduced with carbanions and their	
	reactions. Retrosynthetic analysis concepts are explained	
	to students.	
	2) Rearrangement reactions are introduced with mechanistic	
	approach. Spectroscopic techniques	
CH 344: Analytical Chemistry	1) The students are trained in the technique of separation,	
	identification of purification using chromatographic	
	techniques like TLC,GC,HPLC,	
CH-345: Industrial Chemistry	1) Students are expected to learn properties, ways to	
	manufacture or process and application of different types	
	of polymer, paints, pigments, dyes, soaps, detergents and	
	cosmetics.	
	2) Students also learn theoretical aspects of	
CH-346 (B): Polymer	1) This course gives deep knowledge of polymer science.	
Chemistry	They learn in details Polymer Degradation, Chemical and	
	Geometrical structures of Polymer	
<u> </u>		

CH- 347 : Physical Chemistry Practical	 Students are trained in the techniques such as pH metry, Conductometry, Potentiometry, Colorimetry, Spectrophotometry, Refractometry and G. M. Counter. They learn to use these techniques in order to
CH- 348: Inorganic Chemistry Practical	 Students are trained in the IQA of different mixtures of inorganic compounds, and the separation of the metal ions using chromatographic techniques and inorganic quantitative analysis using the techniques of gravimetry, volumetry,
CH-349: Organic Chemistry Practical	 Chemistry is an experimental subject; practical course is proposed to achieve the basic skills required for understanding the reactivity of organic molecules and validating the basic principles. 2. It helps in development of practical skillsof the students & understanding the importance of chemical safety and also explains the factors affecting reaction outcomes and yields.

Department of Botany

Course Outcomes B. Sc. Botany

After completion of these courses students should be able to;	
Course Code	Outcomes
BOT. 351	1) Salient features of Cryptogrammic plants.
Cryptogams	2) To make students aware of the status of cryptogams as a
	group in plant kingdom.
	3) To study the life cycles of selected genera.
	4) To study economic and ecological importance of
	Cryptogrammic plants.
BOT. 352	1) To study status of angiosperms in plant kingdom
Angiosperm Taxonomy	2) To study origin of Angiosperms with respect to time, place,
	origin and probableAncestors.
	3) To study Pre-Darwinian and Post- Darwinian systems of
	Classification.
	4) To study various angiosperm families emphasizing their
	morphology, distinctiveFeatures and biology.
	5) To know the role of cytology and Phytochemistry in
	Taxonomy.
BOT. 353	To introduce the students with "Cell Science".
Cell and Molecular Biology	1) To study Cell wall Plasma membrane, Cell organelles and cell
	division.
	2) To study the scope and importance of molecular biology.
	3) To study the biochemical nature of nucleic acids, their role in
	living systems, Experimental evidences to prove DNA as a
	genetic material.
	4) To understand the process of synthesis of proteins and role of
	genetic code inPolypeptide formation.
BOT. 354	1) To learn and understand about mineral nutrition in plants.
Advanced Plant Physiology	

	2) To study the growth and developmental processes in plants.
	3) To learn about movement in plants.
	· · ·
	4) To study the process of translocation of solutes in plants
	5) To Study the nitrogen metabolism and its importance
BOT.355 Plantecology And Phytogeography	 To know scope and importance of the discipline. To study plant communities and ecological adaptations in plants To know about conservation of biodiversity, Non-conventional Energy and Pollution. To study botanical regions of India and vegetation types of Maharashtra. To study Bioremediation, Global warming and climate change.
BOT. 356. Plant Biotechnology	 To introduce the students with current status and future of biotechnology inIndia. To acquaint with advance knowledge of different instruments related to biotechnology. To acquaint with the importance of interdisciplinary
	 approaches of Biotechnology. 4) To recognize the impact of biotechnology on socioeconomic aspects of life. 5) To develop the knowledge of industrial application of biotechnology. 6) To develop the skills among the students for employment or entrepreneurship.
PRACTICAL COURSES PRACTICAL PAPER I- BOT. 357: (Based on Paper I & III)i.e. BOT. 351 and BOT. 353.	 To make students enable for Exploring Biodiversity of Maharashtra & India in general
PRACTICAL PAPER II- BOT.358 (Based on paper II and VI)i.e. BOT.352 and BOT. 356 (1, 2, 3, 4).	1) To develop the knowledge of industrial application
Practical Paper III- BOT. 359: (Based on Paper IV & V) i.e. BOT. 354 and BOT. 355.	 To make students enable for Exploring Biodiversity of Maharashtra & India in general

After completion of these courses students should be able to;	
Course Code	Outcomes
BOT. 361 Gymnosperms &Paleobotany	 To study Gymnosperms with respect to distinguishing characters, comparison withAngiosperms, economic importance and classification. To study the life cycles of <i>Pinus</i>and <i>Gnetum</i>. To study the scope of Paleobotany, types of fossils and geological time scale. To study the various fossil genera representing different
	fossil groups.
BOT. 362: ANATOMY AND EMBRYOLOGY	 To know scope & importance of Anatomy and Embryology To study various tissue systems. To study normal and anomalous secondary growth in plants and their causes.
	4) To give exposure to techniques in anatomy5) To study structure and development in microsporangium
	and megasporangium
	6) To study microsporogenesis and megasporogenesis
	7) To study male and female gametophytes
	8) To study fertilization, endosperm and embryogeny
BOT : 363	1) To introduce the students with "Science of Heredity".
Genetics, Plant Breeding And Evolution- Genetics –	2) To study the role of genes in evolution of species.
Evolution- Genetics	 To study linkage, segregation and mutation of genes during evolution.
	4) To introduce the student with science of plant breeding
	5) To introduce the student with branch of plant breeding for
	the survival ofhuman being from starvation.
	6) To study the techniques of production of new superior crop verities.
	7) To study the evolution in living organisms
BOT- 364	1) To introduce the students with current status of

Plant Biochemistry	Biochemistry.
	2) To recognize the impact of Biochemistry on socioeconomic
	aspects of life.
	3) To develop the knowledge of industrial application of
	Biochemistry
	4) To inculcate the students with the importance of
	Biomolecules.
Bot. 365	1) To know importance and scope of botanical science in the
Applied Botany	industries.
	2) To study role of microbial plants in fermentations process.
	3) To study the process of cultivation of cash crops.
	4) To study some plants which are used as herbal cosmetics.
	5) To study technique of plant tissue culture and its
	application.
	6) To study the role plants in forensic science.
BOT. 366.	1) To know history, scope and importance of
Medico-Botany and Pharmacognosy	Pharmacognosy& Medical botany.
Thurmae ognosy	2) To study classification, cultivation, collection and
	processing of plant drugs.
	3) To study morphology, botanical and chemical
	characterization and QuantitativeMicroscopy of certain
	drugs.
	4) To study common household plant drugs
	5) To prepare Ayurvedic recipes.
	6) To study some plants used for perfumes.
	7) To make student aware about biopiracy and legislation
	about medicinal plants.
BOT- 367: PRACTICAL	1) To know importance and scope of botanical science in the
PAPER-I Based On Theory Papers - I &	industries
Iii (Bot- 361, Bot- 363)	
Gymnosperms &Paleobotany BOT- 368: PRACTICAL	1) To know importance and scope of botanical science in the
PAPER-II	industries
Based On Theory Papers - Ii& Vi (Bot- 362 , Bot- 366.1/	maastres

Bot- 366.2/ Bot- 366.3/	
Bot- 366.4)	
BOT- 369: PRACTICAL	1) To know importance and scope of botanical science in the
PAPER-III Based On Theory Papers - Iv & V (Bot- 364 And Bot- 365)	industries

Department of Zoology

Programme Outcomes : B.Sc. Zoology

Department of	After successful completion of three year degree program in	
Zoology	Zoology student should be able to;	
Programme Outcomes	 Understand the unity of life with the rich diversity of organisms and their ecological and evolutionary significance 	
	2) Identify animals beneficial to humans	
	3) Identify various potential risk factors to health of humans	
Programs Specific Outcome	 Explain the importance of genetic diversity, genetic engineering, hot spot of diversity of living animals. 	
	 Use tools of Bioinformatics for all activities related to genomics and proteomics. 	
	3) Understand various physiological processes in our bodies	

Course Outcomes B. Sc. Zoology

After completion of these courses students should be able to;	
Course Code	Outcomes
Zoo 351:Nonchordates	 Ability to understand the fascinating world of invertebrates, their usefulness
Zoo 352 : Cell and Molecular Biology	 Explain the fine structure and functions of cell organelles. Understand the tools in molecular biology and its implications in human welfare.
Zoo 353 : Mammalian Histology and Physiology	 Ability to distinguish tissues with their structural details with functions Understand the physiological process and its implications in the body.

Zoo 354: Biochemistry	 Understand the chemical nature of life and life process, Biomolecules and their
	biological significance
Zoo 355 : Systematics, Evolution and Palaeontology	 Develop a holistic approach towards taxonomy, phylogeny and adaptations in animals as well as understand concept of evolution.
	2) Understand the pre-existing animal world and fossil of extinct biota
Zoo 356 : A)Biotechnology B) Pest management C) Public health and hygeine	 Expose the learners to the emerging field of research in Genetic engineering &transgenesis and Significance of human genome project
	2) Understand the agricultural and household pest and their control
	3) Understand the need of maintenance of personal and public hygiene

After completion of these courses students should be able to;	
Course Code	Outcomes
Zoo 361: Chordates III	Ability to understand the fascinating world of vertebrates and their usefulness as well as their diversity.
Zoo 362: General Embryology	Understand the mechanism of development of animals
Zoo 363 : Mammalian Histology and Physiology II	Ability to distinguish tissues with their structural details with functions Understand the physiological process in detail and its disorders

Zoo 364: Research Methodology	Inculcate the research attitude with details of research and publication, presentation.
Zoo 365: Microtechnique	Understand the process of preparing permanent slides of preserve tissue
Zoo 366 : A) Bioinformatics B) Sericulture C)Applied Zoology III (Vermiculture, Poultry and Fisheries)	Ability to apply information technology to biological data Understand the process of rearing the silk worm and its significance Ability to apply the knowledge of rearing of earthworm, poultry birds and freshwater as well as marine fishes for the well being of human

Programme Outcomes : M.Sc. Zoology

Department of	After successful completion of three year degree program in
Zoology	Zoology student should be able to;
Programme Outcomes	1) Understand the diversity of animal world with their life processes
	2) Ability to apply the knowledge of modern biology and inculcate
	research attitude
Programs Specific	1) Familiarize students on the physiology of their own body and urge
Outcome	them to take precautionary measures to safeguard their health.
	2) Describe common physiological disorders, syndromes and diseases

Course Outcomes M. Sc. Zoology

After completion of these courses students should be able to;		
Course Code	Outcomes	
ZOO 301: Animal Physiology	1) Understand the physiological process occurring in animal	
	body with special reference to human	
ZOO 302: Immunology and	1) Apply the knowledge of immune system, blood groups,	

Molecular Biology	and antibodies. Understand the role of molecular biology in
	modern biotechnology and bioinformatics
ZOO 303: Genetics	1) Familiarize the students with mechanism of genetic and
	variance and laws of inheritance

Semester-VI

After completion of these courses students should be able to;	
Course Code	Outcomes
ZOO 401: (B) Animal	1) Familiarize students on the physiology of their own body,
Physiology – II	disorders and urge them to take precautionary measures to
	safeguard their health.
ZOO 402: Systematic and evolutionary biology	 Understand the taxonomic position of fauna and their evolutionary pattern
ZOO 403: Skill in	1) Development in the communication skill, writing and
Communication and Writing research Paper	publishing research papers.

Ph.D. (Zoology)

Programme Outcomes (POs)	Program Specific Outcomes (PSOs)
Inculcate the research attitude	Ability to find solution for problems of society with reference to pollution, pest and agricultural losses, improvement in animal husbandry practices. As well as apply the knowledge for development of taxonomic data.
Publish the research data which is useful for society	Create opportunity for placement in colleges as assistant professor.

Department of Electronics

Programme Outcomes : B.Sc. Electronics

Department of	After successful completion of three year degree program in				
Electronics	Electronics student should be able to;				
Programme Outcomes	Prepare students forprominent career in industry, banks, offices and				
	for further academic study.				
Programs Specific	Create, select and applyappropriate techniques, Resources and				
Outcome	moderntechnology in Basic Sciences as well as Electronics Sciences.				

Course Outcomes B. Sc. Electronics

After completion of these courses students should be able to;		
Course	Outcomes	
ELE 351: Semiconductor Physics	1) Understanding of fundamentals of semiconductor devices.	
	2) Awareness of IC fabrication techniques.	
ELE 352: Basic Communication	1) Understanding the concepts of communication system.	
Systems	2) Modulations and demodulation techniques.	
	3) Radio wave propagation.	
ELE 353: 8086 Microprocessor	1) Learning architecture of 8086.	
	2) Assembly language programming of 16 bit microprocessor	
ELE 354: The C Programming	1) Command over "C" programming language	
Language	2) Development of programming skill to write simple "C"	
	programs.	
ELE 355: Microcontroller 8051	1) Architecture of 8051 microcontroller.	
	2) Programming of 8 bit microcontroller	
ELE 356: Advanced Digital	1) Acquiring principles required for designing of advanced	
System Design	digital systems.	
	2) Basic knowledge of Hardware Description Languages	
	(HDL).	

	3)	Designing of comb	binational a	and	sequential	logic	circuits
		using VHDL.					

After completion of these courses students should be able to;		
Course	Outcomes	
ELE 361: Electrodynamics	 Understanding of fundamentals concepts of electrodynamics and electromagnetics. Inculcate basic knowledge of electromagnetic waves and their 	
	propagation	
ELE 362: Advanced	1) Understanding of Digital communication.	
Communication Systems	2) Details about telephony systems	
	3) Understanding Fiber optic communications.	
	4) Introduction to computer network and security.	
ELE 363: Microprocessor	1) Interfacing of I/O devices with microprocessor.	
Interfacing Techniques and Advanced Microprocessors2)	2) Introduction to Advance Microprocessors.	
ELE 364: Numerical Simulation	1) Learning the different numerical methods.	
in Electronics	2) Application of numerical methods to electronic circuits.	
ELE 365: Embedded Systems	1) Advanced microcontroller programming	
	2) 8 bit microcontroller interfacing.	
ELE 366: Industrial and Power	1) Understanding power semiconductor devices frequently	
Electronics	used in industries.	
	2) Idea about the principle and operation of circuits using	
	power semiconductor devices to control various operations	
	in industries.	
	3) Acquaint with industrial and domestic applications of power	
	semiconductor devices.	

Programme Outcomes: M.Sc. Electronics

Department of	After successful completion of three year degree program in
Electronics	Electronics student should be able to;
Programme Outcomes	1) Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles
	of Electronics science.
Programs Specific Outcome	 To enhance the knowledge in multidisciplinary approach in the field of Basic
	 Technologies in electronics, Embedded Systems, microwaves, network analysis and synthesis, MEMs, nanoelectronics, control systems, ASIC and FPGA.
	 To provide quality education through innovative teaching and learning processes
	4) To promote scientific and educational activities towards the advancement of the theory, projects and practice of Electronics fields and related arts and sciences.

Course Outcomes M. Sc. Electronics

Semester-III

After completion of these courses stu	idents should be able to;		
Course	Outcomes		
ELE-301: Digital Signal Processing	1) Know the basics of digital signal processing		
	2) Show skills to design of filters for real time application.		
	3) Exhibit the knowledge of DSP algorithms on DSP		
	Platforms.		
	4) Demonstrate the ability to analyze filter structures		
ELE-302: Microwave Devices and	1) Understand Basics of Microwave and its components		
Circuits	2) Identify different microwave devices with their operating		
	principle.		
	3) Understand the designing of antenna and its parameter		
	4) Gain knowledge of microwave detection and measurement		

	which opens up a whole new career option
ELE-303: Embedded System	1) Consider the different constraints of embedded system
Design	design
	2) Use the I2C, SPI communication protocols.to interface the
	devices with controllers.
	3) Establish Controller Area Network and program it.
	4) Familiar with AVR, PIC controllers and able to interface all
	peripherals with these controllers
	5) Use the Arduino boards for various applications at
	professional level.

After completion of these courses students should be able to;			
Course	Outcomes		
ELE-401: Network Analysis and	1) Know the various types of electronics network and its		
synthesis	mathematical models.		
	2) Solve the electronics networks using mathematical		
	theorems.		
	3) Use the Laplace transform to solve electronic network.		
	4) Know the network functions and synthesis techniques.		
ELE-402: Nano Electronics &	1) Explain the properties of Nano particles and Nanotube		
MEMS	with their applications in electronics.		
	2) Identify the suitable MEMS transducer for a given		
	electronic system.		
ELE-403: (A) Control systems	1) Know the concepts of sensing physical parameters and		
	convert it into electrical parameter.		
	2) Have knowledge of open loop and close loop control		
	systems.		
	3) Able to analyze the control system by various		
	mathematical theorem.		

	4)	Able to analyze the signal in time domain and frequency
		domain.
4	5)	Know the various signal controllers.
ELE-403: (B) ASIC & FPGA	1)	Know the difference between ASIC and FPGA and its
		application.
	2)	Design and develop digital circuit using FPGA.
	3)	Gain the knowledge of FPGA and its system design which
		unlock the new area of profession.

Ph.D. (Electronics)

The Ph.D. Course provides:A period of sustained in-depth	At the end of their PhD course, students will: • Have a thorough knowledge of the
 study of a specific topic; An environment that encourages the student's originality and creativity in their research; Skills to enable the student to critically examine the background literature relevant to their specific research area; The opportunity to develop skills in making and testing hypotheses, in developing new theories, and in planning and conducting experiments; developing practical research skills and learn new state of the art techniques used in scientific research. The opportunity to expand the student's knowledge of their research area, including its theoretical foundations and the specific techniques used to study it; An environment in which to develop skills in written work, oral presentation andpublishing the results of their research in high-profile scientific journals, throughconstructive feedback of written work and oral presentations. 	 literature and a comprehensive understanding of scientific methods and techniques applicable to their own research; Be able to demonstrate originality in the application of knowledge, together with a practical understanding of how research and enquiry are used to create and interpret knowledge intheir field; Have developed the ability to critically evaluate current research and research techniquesand methodologies; Have self-direction and originality in tackling and solving problems; He able to act autonomously in the planning and implementation of research; and Have gained oral presentation and scientific writing skills.

Department of Computer Science

Programme Outcomes : B.Sc. Computer Science

Department of	After successful completion of three year degree program in					
Computer Science	Computer Science student should be able to;					
Programme Outcomes	1) Able to do web design					
	2) Able to do Electronic Data processing Auditor					
	3) Able to do Database Administrator					
	4) Self Institute Management					
Programs Specific	1) Able to do system Analyst					
Outcome	2) Administrator					
	3) Computer Security Specialist					
	4) Chief Information Officer					

Course Outcomes B. Sc. Computer Science

Semester-V

After completion of these courses students should be able to;			
Course	Outcomes		
CS-311: System Programming	Able To System Analyst		
CS-312: Database Management	Able To Management Consultant		
System			
CS-313: Software Engineering	Able To Testing		
CS-314: Computer Aided Graphics	Graphic Designer /Able To Design Animation		
CS-315: VB.Net	Able To Do In Company		
CS-316(B): Java Programming	Java Developer		

Semester-VI

After completion of these courses students should be able to;

Course	Outcomes
CS-321: Operating System	System Analyst Programmer
CS-322: MY-SQL Server	Client Server Communication & Networking
CS-323: Internet Programming Using	Programmer In Web Designer
PHP	
CS-324: Theoretical Computer	Statistical Analyst
Science	
CS-325: Computer Network	Networking &System Analyst
CS-326(B):Java Programming	Programmer & System Developer

Programme Outcomes: M.Sc. Computer Science

Department of Computer Science	After successful completion of two year degree program in Computer Science student should be able to;
Programme Outcomes	1) Able to do school teaching
	2) Able to do system Analyst
	3) Administrator
	4) Computer Security Specialist
	5) Chief Information Officer
Programs Specific	1) Able to do Lecturer
Outcome	2) Able to do system analyst, system tester, system designer
	3) Able to own institute
	4) Programmer in company, software engineer
	5) Web site developer, networking engineer

Course Outcomes M. Sc. Computer Science

Semester-III

After completion of these courses st	udents should be able to;
Course	Outcomes
CS - 301: Software Engineering	Able to software testing, developer ,Analyst, Designer
CS - 302: Optimization of	Able to memory management ,cost management,
algorithm	transportation management

CS-303: Advanced JAVA	Java developer
programming	
CS - 304: Windows WCF & WPF	Web site designer
Programming	

After completion of these courses stud	dents should be able to;
Course	Outcomes
CS – 401: Natural Language	Client server communication
Processing	
CS – 402: Advanced Network	Networking, client –server Programming developer
Programming	
CS-403:Dataware housing & Data	Database management, ware house management
Mining	
CS – 405: Mini Project	Able to do Project developer in company, own institute

Department of Microbiology

Programme Outcomes : B.Sc. Microbiology

Department of Microbiology	After successful completion of three year degree program
	in Microbiology student should be able to;
Programme Outcomes	1.Understand all about genetics and molecular biology.
	2.Know all about pharmaceutical and clinical microbiology.
	3.Learn all about biocatalyst ,metabolism and its types
	various energetic pathways and their regulations.
	4.Aware about applied and environmental microbiology.
Programme Specific Outcomes	1.To have the knowledge of Microbiology through theory and
	practical as well as knowledge of basic concepts of
	Microbiology in depth.
	2.To solve the problems in real life situations by applying
	various techniques in Microbiology.
	3.To understand good laboratory practices and safety which
	can be useful in Industry.
	4.To develop the research oriented skills to handle the
	sophisticated instruments /equipment.

Course Outcomes B. Sc. Microbilogy

After completion of these courses	students should be able to;
Course	Outcomes
MB-351 Microbial Genetics	1. To introduce the student with Central Dogma.
	2. To make students aware of the viral Genetics.
	3. To study the life cycles of Virus.
	4. To study DNA repair mechanism.
MB-352 Fermentation	1. To study status of Fermentation Process.
Technology	2. To introduce the students with Bioreactor Engineering.
o v	3. To study Industrial Sterilization Process.
	4. To study various methods of strain improvement.
MB -353 Microbial	1. To introduce the students with microbial metabolism.
Metabolism	2. To study concept of Anabolism and Catabolism.
	3. To understand the process of Bacterial photosynthesis.
	4. To study the Microbial ATP synthase complex
	5. To understand the process of synthesis of Fatty acid &
	purine and pyrimidine nucleotide.
MB -354 Medical Microbiology	1.To introduce the student with concept in Medical
	Microbiology.
	2. To make students aware of CDC and WHO.
	3) To learn about anatomy of human system.
	4) To study the Chemotherapeutic agents.
MB- 355 Immunology	1. To know scope and importance of Immunology.
	2. To study Cells and Organs of Immune System.
	3. To know about Immune Mechanism.
	4. To learn about Immunological Disorders.
MB- 356 Applied Microbiology	1. To introduce the students with current status and future of
	Applied Microbiology.
	2. To acquaint with advance knowledge of Geomicrobiology.
	3. To acquaint with the importance of Nanotechnology.
	4. To develop the knowledge of industrial application of
	Nanotechnology.
Practical Courses MB-	To make students enable for diagnosis of disease .
357 Techniques in Diagnostic	
Microbiology I	
Practical Courses MB-	To develop the knowledge of industrial application
358 Technique in Industrial	
Microbiology I	To develop the brownledge of technisms is in 1
Practical Courses MB-	To develop the knowledge of techniques in milk and water
359 Technique in Applied	microbiology.
Microbiology I	
	SEM VI
Course	Outcomes
MB- 361 Molecular Biology	1. To introduce the students with Gene Regulation.

MB- 362 Pharmaceutical Microbiology	 2. To study the molecular techniques. 3. To study the scope of Gene library and cDNA library. 4. To study the r-DNA technology. 1. To know scope & importance of Pharmaceutical Microbiology. 2. To study Quality control and Quality Assurance. 3. To study large scale production of antibiotics, enzyme, vitamin, organic acid, amino acid. 4. To give exposure to techniques in pharmaceutical testing. 	
MB- 363 Enzymology	 To introduce the students with Bioenergetics. To study the role of enzyme. To study enzyme regulation. To introduce the student with enzyme technology. To study the techniques of enzyme engineering. 	
MB- 364 Clinical Microbiology	 To develop the knowledge of diseases. To recognize causative agent, virulence, laboratory diagnosis, prophylaxis and treatment of diseases. To develop the knowledge of bacterial infection and diseases. 	
MB-365 Diagnostic Immunology	 To study role of Antigen and Antibody . To study the Immunological Techniques. To study Transplantation process. To study technique of Immunofluorescence. 	
MB – 366 Environmental Microbiology	 To know importance of Environmental Microbiology. To study classification of Plant diseases based on symptoms. To study types of soil, composition and soil microbes. To study of microbial waste treatment methods. To study Biogas and Bioenergy. 	
Practical Courses MB 367: Techniques in Diagnostic Microbiology II	To know importance and scope of diagnosis of disease.	
Practical Courses MB- 368 Technique in Industrial Microbiology II	To develop the knowledge of industrial application.	
Practical Courses MB- 369 Technique in Applied Microbiology II	To develop the knowledge of techniques in applied microbiology.	

Programme Outcomes : M.Sc. Microbiology

Department of Microbiology	After successful completion of two year degree program in
	Microbiology student should be able to;
Programme Outcomes	1.Basic and applied aspects of microbial diversity and systematic.
	2.Impact of various groups of microbes on earth atmosphere,
	human, plant and animal health and technology development.
	3. Applications of microbial biomolecules in various fields.
	4.Biotechnological significance of enzymes from extremophiles,
	environment, medicine and industry.
Programme Specific Outcomes	1.To have the knowledge of Microbiology through theory and
	practical as well as knowledge of basic concepts of Microbiology in
	depth.
	2.To solve the problems in real life situations by applying various techniques in Microbiology.
	3.To understand good laboratory practices and safety which can be useful in Industry.
	4.To study trends in pharmaceutical microbiology.

After Ca		E <u>M –I</u> nme in Microbiology a student should be able to
Sr.No.	Course	Outcomes
1	MB-101 Microbial Taxonomy	1. To introduce the student with Bergey's
1	and Diversity	Manual.
		2. To make students aware of the viral
		Genetics.
		3. To study the culturable and non culturable
		biodiversity.
		4. To study Extremophile bacteria.
		5. To understand the process of Algal farming
		for biodiesel.
2	MB-102 Microbial Biochemistry	1. To introduce the students with microbial
2	wid-102 witerobiai biochemistry	metabolism.
		2. To study concept of Anabolism and
		Catabolism.
		3. To understand the process of transport and
		energy metabolism.
		4. To study the Microbial ATP synthase
		complex
		5. To understand the process of synthesis of
		Fatty acid & purine and pyrimidine nucleotide.
2		6. To study of the metabolism of carbohydrates.
3	MB -103 Bioanalytical	1. To introduce the students with bioanalytical
	Techniques	techniques.
		2. To study of the Radiolabeling techniques.
		3. To understand the biophysical methods of
		analysis of biomolecules.
		4. To study the Microscopic techniques.
		5. To understand the process of
		Biosensors, Nano-biosensor.
7	Practical Courses MB- 104	To develop the knowledge of Extremophiles.
	Methods in Microbiology	
8	Practical Courses MB-	To develop the knowledge of basic
	105 Methods in Biochemistry	biomolecules.
		<u>CM - II</u>
		me in Microbiology a student should be able to
1	MB- 201 Microbial Genetics	1. To introduce the students with Genome
		organization.
		2. To study the molecular techniques.
		3. To study the plasmid biology.
		4. To study the gene regulation in eukaryotes
		and prokaryotes .
		5. To give exposure of Virus genome
		replication.
2	MB- 202 Advanced Enzymology	1. To introduce the students with Bioenergetics.
		2. To study the role of enzyme.

		3. To study enzyme regulation.4. To introduce the student with enzyme technology.5. To study the techniques of enzyme engineering.
3	MB-203 Immunology	 To study role of Antigen and Antibody . To study the Immunological Techniques. To study Transplantation process. To study technique of Immunofluorescence. To develop the knowledge of Immune response.
4	Practical Courses MB 204: Methods in Enzymology	To know importance and scope of enzymes.
5	Practical Courses MB-205 Methods in Molecular Biology and Immunology	To develop the knowledge of techniques in immunology and molecular biology.

		me in Microbiology a student should be able to
Sr.No.	Course	Outcomes
1	MB-301 Applied and	1. To introduce the students with
	Environmental Microbiology	Environmental microbiology.
		2. To study microbial communities and
		ecological adaptation.
		3. To know about conservation of microbial
		waste management.
		4. To study biological conversion of
		Lignocellulosic waste.
		5. To study food microbiology and food
		intoxication.
2	MB-302 Molecular Biology and	1. To introduce the students with current status
	Bioinformatics	and future of bioinformatics.
		2. To acquaint with advance knowledge of
		different instruments related to basic
		bioinformatics.
		3. To study of DNA topological properties.
		4. To study of Protein targeting and
		degradation.
		5. To develop the knowledge of Bioinformatics
		tools.
3	MB -303 Pharmaceutical	1. To know scope & importance of
-	Microbiology	Pharmaceutical Microbiology.
		2. To study Quality control and Quality
		Assurance.
		3. To study large scale production of
		antibiotics, enzyme, vitamin, organic acid,
		amino acid.
		4. To known about Regulatory aspects and
		quality assurance in pharmaceuticals.
		5. To study of Drug design.
7	Practical Courses MB-	To make students enable for Exploring
-	304 Methods in Biostatistics and	Biostatistics and Bioinformatics.
	Bioinformatics	
8	Practical Courses MB- 305	To develop the knowledge of evaluation
-	Methods in Applied	techniques in Applied Microbiology.
	Microbiology	
		M - IV
After C		me in Microbiology a student should be able to
1	MB- 401 Fermentation	1. To introduce the students with Upstream
	Technology	processing in fermentation technology.
	- contrology	2. To study the Design and Application of
		Bioreactor.
		3. To study the Microbial Products enzymes,
		organic acids, amino acids, polysaccharides,

	antibiotics.4. To study the Strain improvement process.5. To give exposure of IPR.
2 MB- 402 Applied Molecular Biology	 To introduce the students with Tools of molecular biology. To study the Microbial Genomics. To study Protein Engineering and Proteomics. To introduce the student with techniques in molecular biology. To study the application of genetic engineering.
3 MB-403 Agricultural Microbiology	 To study Microbial communities and ecological adaptations. To know about Microbial Bio control. To study microbial interaction with plant roots. To introduce the students with current approaches in agricultural microbiology.
4 Practical Courses MB 404: Methods in Biotechnology	To develop the knowledge of techniques in biotechnology.
5 Practical Courses MB-405 Project Dissertation	To improve research oriented skills of students.

Department of Commerce & Management

Programme Outcomes : B.Com.

Department of Commerce & Management		ter successful completion of three year degree program in mmerce & Management student should be able to;
Programme Outcomes	1)	After completing three years for Bachelors in Commerce (B.Com)
		program, studentsWould gain a thorough grounding in the
		fundamentals of Commerce and Finance.
	2)	The commerce and finance focused curriculum offers a number of
		specializations and practical exposures which would equip the
		student to face the modern-day challenges inCommerce and
		business.
	3)	The all-inclusive outlook of the course offer a number of value
		based and job oriented Courses ensure that students are trained
		into up-to-date. In advanced accounting courses beyond the
		introductory level, affective development will also progress to the
		valuing and organization levels.
Programs Specific	1)	Students will be able to demonstrate progressive learning of
Outcome		various tax issuesAnd tax forms related to individuals. Students
		will be able to demonstrateknowledge in setting up a computerized
		set of accounting books
	2)	Students will demonstrate progressive affective domain
		development of values, the role of accounting in society and
		business.
	3)	Students will learn relevant financial accounting career skills,
		applying bothQuantitative and qualitative knowledge to their
		future careers in business.
	4)	Students will learn relevant managerial accounting career skills,
		applying bothQuantitative and qualitative knowledge to their
		future careers in business.

5) Leaners will gain thorough systematic and subject skills within
various disciplines of commerce, business, accounting, economics,
finance, auditing and marketing.
6) Learners will be able to recognize features and roles of
businessmen, entrepreneur, managers, consultant, which will help
learners to possess knowledge and other softSkills and to react
aptly when confronted with critical decision making.
7) Learners will be able to prove proficiency with the ability to
engage in competitive Exams like CA, CS, ICWA and other
courses.
8) Leaners will acquire the skills like effective communication,
decision making, problem solving in day to day business affaires
9) Learners will involve in various co-curricular activities to
demonstrate relevancy offoundational and theoretical knowledge
of their academic major and to gainPractical exposure.
10) Learners can also acquire practical skills to work as tax consultant,
audit assistantAnd other financial supporting services.
11) Learners will be able to do higher education and advance research
in the field of commerce and finance.

			B.B.A.
Program	Outcomes	1)	After completing three years for Bachelors in Business
(POs)			administration (BBA) program, students would gain a thorough grounding in the fundamentals of Business and administration.
		2)	To prepare the students for higher studies in business at home and abroad.
		3)	To introduce students to a range of core business disciplines,
			including marketing, accounting, human resources management,
			internet systems and organizational behaviour.
		4)	To provide opportunities to develop and practice professional
			skills essential in the workplace.
Program Sp		1)	To meet the needs of small and medium enterprises as well as
Outcomes (1	PSOs)		large corporations. It will give a professional qualification to

	those engaged in the administration and management o
	businesses and other organizations, including public, private and
	not- for-profit organizations.
	B.C.A.
Program Outcomes (POs)	1) After completing three years for Bachelors in Compute
、 <i>,</i>	Application (BCA) program, students would gain a through
	grounding in the fundamentals of Business, Computers
	Management, IT and administration.
	2) BCA course strives to create outstanding computer professional
	with ethical and human values to reshape the nation's destiny
	This program aims to prepare young minds for the challengin
	opportunities in the IT industry, nourished and supported b
	experts in the fields.
	3) The OBJECTIVE of the course is to develop skilled manpower i
	the various areas of software industry and Information
	Technology.
	4) To enable students for pursuing respectable career through Self
	Employment, Executive Employment, Entrepreneurship
	Professional Career in the field of service sectors such as e
	Banking, Marketing, Investment, Insurance hospitality and othe
	avenues.
Program Specific	1) To develop abilities for data analysis and interpretation Usin
Outcomes (PSOs)	ICT.
	2) To develop the foundation for higher studies in the field of
	Computer Application.
	3) To develop the basic programming skills to enable students t
	build Utility programs.

Course Outcomes B. Com

Semester-V

After con	npletion of these courses students should be able to;
Course	Outcomes
Advanced Accounting-I	 Preparing financial statements in accordance with appropriate standards. Prepare ledger accounts using double entry bookkeeping and record journalentries accordingly.
Advanced Accounting-II	 Preparing accounting information for planning and control and for the evaluation of finance. Prepare Bank reconciliation statement from incomplete statement. Explain the purpose of double entry system to understanding the accounting system properly. Preparation of ratification errors.
Income Tax	 To introduce the basic concept of Income Tax. In order to familiarize the different know-how and heads of income with its components. It helps to build an idea about income from house property as a concept.

After completion of these courses students should be able to;				
Course	Outcomes			
Advanced Accounting-I	 Preparing financial statements in accordance with appropriate standards. 			
	2) Prepare ledger accounts using double entry bookkeeping			
	and record journal entries accordingly.			
Advanced Accounting-II	1) Preparing accounting information for planning and control			
	and for the evaluation of finance.			
	2) Prepare Bank reconciliation statement from incomplete statement.			

	3) Explain	the	purpose	of	double	entry	system	to
	understa	nding	the accou	inting	gsystem p	properly	. Preparat	ion
	of ratification errors.							
Soft Skill Development	1) To under	rstand	life, reali	ty in	life and	life in	the past	and
	present.							

Course Outcomes B. C. A.

Semester-V

After completion of these courses students should be able to;		
Course	Outcomes	
Cyber Security	 To impart the knowledge of Cyber Crime and Cyber Security. 	
ASP NET	 To impart the knowledge of web development in students in by using ASP.NET. 	
Entrepreneurship Development	 To understand the concept of entrepreneurship. To know the qualities of entrepreneur. To describe the types of entrepreneur. To identify the new business opportunities. 	

After completion of these courses students should be able to;		
Course	Outcomes	
E-Commerce & M-	1) The main aim of E-Commerce & M-Commerce is to improve	
Commerce	the convenience of trading and also to implement electronic	
	money solutions for quicker purchase of goods.	
Cloud Computing	1) Protect Postal Service data from unauthorized access, disclosure,	
	modification, and monitoring.	
	2) Cloud models should be kept under consideration while	
	designing applications. Rather than focusing on migration,	
	applications that are cloud-optimized and can completely utilize	
	the cloud potential must be created.	

 To prepare the students to acquire the knowledge of scripting languages like java script and PHP. The students will be able to create dynamic websites.

Course Outcomes B. B. A.

Semester-V

After completion of these courses students should be able to;			
Course	Outcomes		
Entrepreneurship	1) To understand the concept of entrepreneurship.		
Development	2) To know the qualities of entrepreneur.		
	3) To describe the types of entrepreneur.		
Financial Management	1) To understand the Profit maximization occurs when		
	 marginal cost is equal to marginal revenue. This is the main objective of Financial Management. 2) To know about the Wealth maximization means maximization of shareholders' wealth. It is an advanced goal compared to profit maximization. 		
International Business Management	1) To Introduce Concepts, importance and theories of International trade.		

After completion of these courses students should be able to;		
Course	Outcomes	
Cyber Security & Laws	1) To impart the knowledge of Cybercrime and cyber.	
Financial Management	 To understand the Profit maximization occurs when marginal cost is equal to marginal revenue. This is the main objective of Financial Management. To know about the Wealth maximization means maximization of shareholders' wealth. It is an advanced goal compared to profit maximization. 	
Management of Services	 The primary objective of Service Management is to ensure that the IT Services are aligned to the business needs 	

Course Outcomes M. Com.

Semester-III

After completion of these courses students should be able to;		
Course	Outcomes	
Management Accounting	 To get the insight of the philosophy and framework of financial analysis. know the important inter-linkages among the items in the financial statement. 	
Entrepreneurship & Project Management	 Get the insight of the entrepreneurial motivation. To know the important the challenges to start a new venture. 	
OrganizationalBehavior	 To analyze individual and group behavior, and understand the implications of organizational behavior on the process of management. 	

After completion of these courses students should be able to;		
Course	Outcomes	
Management Accounting	 To get the insight of the philosophy and framework of financial analysis. know the important inter-linkages among the items in the financial statement. 	
Modern Retail Management	 To get the insight of the theoretical aspect of retail management Know the modern techniques and practices of retailing in India 	
Information System for Business	 To analyse and model the flow of information through business processes. formulate plans and architectures for the capture, storage and retrieval of data. Develop computer programs to support or automate business processes. 	

Course Outcomes M. M. S.

Semester-III

After completion of these courses students should be able to;		
Course	Outcomes	
Cyber Security and IT	1) To introduce the students with information security threats	
Act	& controls.	
	2) To study & understand the concepts of cryptology, network	
	security & cyber laws.	
C#.Net Programming	1) To impart the knowledge of object oriented programming	
	using C# among student.	
Graphics and	1) To prepare students to acquire the required skills to create	
Animation	animations and graphics, this can be helpful in building	
	commercial websites	

After completion of these courses students should be able to;		
Course	Outcomes	
Java Programming	1) To prepare students to acquire knowledge of programming	
	language using Java. The students will be able to create	
	applications in Java.	
	2) To impart the knowledge of object oriented programming	
	using java among student.	
Internet Computing with ASP.NET	1) To prepare students to acquire knowledge of creating	
	interactive websites using ASP.Net. The students will be	
	ready to develop the dynamic commercial websites with	
	the industry required latest technology.	
E-Commerce & M-	1) The main aim of M-commerce is to improve the	
Commerce	convenience of trading and also to implement electronic	
	money solutions for quicker purchase of goods.	