



*Mula Education Society's*

## **Arts, Commerce and Science College, Sonai**

Sonai – Rahuri Road, Tal. Newasa, Dist. Ahmednagar – 414105, M.S.

Affiliated to Savitribai Phule Pune University, Pune (I.D.PU/AN/ASC/031/1989)

NAAC Re-accredited with 'A' Grade, Received DBT Star College Scheme, ISO 9001:2015

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# **PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES AND COURSE OUTCOMES**

## U.G. Program Outcome

### Program Outcome of Bachelor of Arts (B.A.)

Student seeking admissions for B.A. programme are expected to imbue with following quality which helps them in their future life to achieve the expected goals.

- Realization of human values & ethics.
- Sense of social service.
- Responsible and dutiful citizen.
- Ability to Creative & independent and lifelong learning.
- Understand critical thinking.
- Learn effective communication skill.
- Demonstrate social interaction & effective citizenship.
- Understand environment and sustainability.

### Programmes Specific Outcomes (PSO's) B.A. (MARATHI)

PSO 1	साहित्यात अध्यायनात रस निर्माण करणे.
PSO 2	अनुवाद, रूपांतरण आणि माध्यमांमध्ये नोकरीच्या संधींची माहिती करून देणे.
PSO 3	भाषावृद्धी साठी प्रयत्न करणे.
PSO 4	साहित्यिक अभ्यासाबद्दल चिकित्सक वृत्ती वाढविणे, साहित्य संशोधन वृत्ती वाढण्यासाठी प्रयत्न करणे.

### Course Outcomes (CO's) B.A. (MARATHI)

	<b>B.A.I (मराठी साहित्य : भाषिक कौशल्ये विकास) G1</b>
CO 1	मराठी भाषा, मराठी साहित्य आणि मराठी संस्कृती यांचे अध्ययन करणे.
CO 2	साहित्य विषयक आकलन, आस्वाद आणि मूल्यमापन क्षमता विकसित करणे.
CO 3	साहित्याभ्यासातून जीवन विषयक समज विकसित करणे.
CO 4	मराठी भाषेची उपयोजनात्मक कौशल्ये विकसित करणे.
	<b>B.A.II (आधुनिक मराठी साहित्य) G2</b>
CO 1	शुद्धलेखनाची ओळख करून देणे.
CO 2	पारिभाषिक संज्ञा ची ओळख करून देणे.
CO 3	चरित्र-आत्मचरित्र या साहित्यप्रकारच्या तात्विक घटकांचे ज्ञान करून देणे.
CO 4	आधुनिक मराठी साहित्यातील निवडक चरित्र-आत्मचरित्रात्मक वेच्याचे आकलन, आस्वाद व मूल्यमापन करण्याची क्षमता विद्यार्थ्यांमध्ये निर्माण करणे.
	<b>B.A.II ( मराठी साहित्यातील विविध साहित्य प्रकार ) S1</b>
CO 1	मराठी साहित्य प्रकारच्या तात्विक घटकाचे ज्ञान देणे.
CO 2	साहित्य कृतीला मुक्त प्रतिसाद देण्याची क्षमता विकसित करणे.
CO 3	साहित्य कृतीचे आकलन, आस्वाद व मूल्यमापन करण्याची दृष्टी निर्माण करणे.
CO 4	साहित्याचा सुक्ष्म पातळीवर अभ्यास करण्याची क्षमता विकसित करणे.
	<b>B.A.II (अर्वाचीन मराठी वाङ्मयाचा इतिहास: १८१८ ते १९६०) S2</b>
CO 1	मराठी साहित्याच्या ऐतिहासिक परंपरेचे स्थूल ज्ञान करून देणे.

CO 2	विशिष्ट कालखंडाच्या पार्श्वभूमीवर साहित्यामागील प्रेरणा व प्रवृत्तीचे ज्ञान करून देणे.
CO 3	साहित्याच्या विकसनशील परंपरेचे स्थूल ज्ञान करून देणे.
CO 4	पदव्युत्तर अभ्यास करण्याची पूर्व तयारी करणे.
	<b>B.A.III (आधुनिक मराठी साहित्य व उपयोजित मराठी) जी 3</b>
CO 1	आधुनिक मराठी साहित्यातील विविध साहित्य प्रकाराचा परिचय वाढवणे.
CO 2	नेमलेल्या साहित्यकृतीचा स्थूल परिचय करून देणे.
CO 3	निबंध व प्रवासवर्णन या साहित्य प्रकारचे तात्विक विवेचन करणे.
	<b>B.A.III ( साहित्यविचार ) एस 3</b>
CO 1	साहित्याचे स्वरूप समजावून घेणे.
CO 2	साहित्याचे प्रयोजणे समजावून घेणे.
CO 3	साहित्याची भाषा समजावून घेणे.
CO 4	साहित्याची आस्वाद प्रक्रिया समजावून घेणे.
	<b>B.A.III (भाषाविज्ञान) एस 4</b>
CO 1	भाषेचे स्वरूप व कार्य, महत्व व प्रमुख अंगे समजावून घेणे.
CO 2	भाषाभ्यास पद्धतीचे महत्व व कार्य जाणून घेणे.
CO 3	स्वनिर्मिती प्रक्रिया समजावून घेणे.

#### Programmes Specific Outcomes (PSO's) B.A. & M.A. (HINDI)

PSO 1	छात्रों में साहित्य वाचन, लेखन, हिन्दी भाषा के शुद्ध प्रयोग पर बल देना।
PSO 2	हिन्दी भाषा में रोजगार के अवसर उपलब्ध कराने योग्य कौशल्य छात्रों में निर्माण करना ।
PSO 3	साहित्यिक लेखन के प्रति आलोचनात्मक दृष्टीकोण बढ़ाना।
PSO 4	साहित्य में रुचि पैदा करना।
PSO 5	साहित्यिक और समाज के प्रति शोध दृष्टिकोण छात्रों में विकसित करना।

#### Course Outcomes (CO's) B.A. (HINDI)

	<b>B.A. I (HINDI) हिन्दी सामान्य-1</b>
CO 1	हिन्दी के गद्य-पद्य रचनाकारों का जीवन व कृति का परिचय देना ।
CO 2	हिन्दी साहित्य के प्रति छात्रों की रुचि बढ़ाना व साहित्य की विधाओं से परिचित कराना।
CO 3	कहानी, कविता, एकांकी, साक्षात्कार, रेखाचित्र के माध्यम से भावात्मक विकास कराना।
CO 4	राष्ट्र के प्रति प्रेम, सामाजिक प्रतिबद्धता की भावना विकसित करना ।
CO 5	राष्ट्रीय ऐक्य, सामाजिक उत्तरदायित्व, वैज्ञानिकता आदि मूल्यों की ओर ध्यान आकर्षित करना व नैतिक मूल्य, राष्ट्रीय मूल्य, सामाजिक मूल्य के प्रति आस्था निर्माण करना ।
CO 6	भाषा के रचनात्मक पहलू, भाषा वर्तनी के नियम, विरामचिह्नो, मानक लिपि तथा भाषा का महत्व स्पष्ट करते हुए हिन्दी भाषा का प्रचार-प्रसार करना।
CO 7	छात्रों की सर्जनात्मक शक्ति का विकास करना।

	<b>B.A. II (HINDI) हिन्दी सामान्य-2</b>
CO 1	हिन्दी के प्रतीनिधी क्हाणीकारों एवं कवियों से परिचित कराना ।
CO 2	हिन्दी क्हाणी और नई कविता की विशेषताओं से परिचित कराना ।
CO 3	हिन्दी के कार्यालयीन और व्यावहारिक पत्र आदि का परीचय कराना ।
CO 4	पारिभाषिक शब्द, विज्ञापन, साक्षात्कार, रीपोर्ट लेखन का ज्ञान देते हुए हिन्दी भाषा के व्यावहारिक क्षेत्र से परिचित कराना ।
CO 5	हिन्दी शब्द युग्म का ज्ञान कराना ।
	<b>B.A. II (HINDI) हिंदी भाषा का विकास</b>
CO 1	भाषा की परिभाषा, विशेषता व भाषा के विविध रूपों का परिचय कराना ।
CO 2	हिन्दी की बोलीया तथा भाषा विकास के प्रमुख वादों का परिचय कराना ।
CO 3	भाषा के वैज्ञानिक अध्ययन की दृष्टी विकसित कराना ।
CO 4	हिंदी भाषा और लिपी के उद्भव और विकास का परिचय कराना ।
CO 5	भाषा की शुद्धता के प्रति छात्रों को जागृत कराना ।
	<b>B.A. II (HINDI) हिंदी विशेष -2</b>
CO 1	हिन्दी उपन्यास एवं नाटक के विविध मानदंड के आधार पर छात्र में समीक्षण की क्षमता विकसित कराना ।
CO 2	हिन्दी उपन्यास एवं नाटक के आस्वादन क्षमता विकसित कराना ।
CO 3	मध्ययुगीन संत एवं भक्त कवियों के योगदान का परिचय करना ।
CO 4	छात्रों को साहित्य के शिल्प व सौंदर्य से परिचित कराना ।
	मध्ययुगीन संत एवं भक्त कवियों से छात्रों को परिचित करना ।
	<b>B.A. III (HINDI) हिंदी सामान्य -3</b>
CO 1	हिन्दी आत्मकथा विधा, हिन्दी काव्य नाटक के विकास व स्वरूप का परिचय देना । पत्रकारिता की पद्धती से अवगत कराना ।
CO 2	अंग्रेजी से हिन्दी अनुवाद की कला विकसित करना ।
CO 3	छात्रों को पारिभाषिक शब्द तथा संक्षिप्तियों से के माध्यम से सरकारी कार्यालयों में प्रयुक्त कार्यालयीन हिन्दी से परिचित करना ।
CO 4	छात्रों को सरकारी पत्र लेखन की पद्धती से परिचित करना ।
CO 5	छात्रों को अंग्रेजी से हिन्दी में अनुवाद करने की कला को विकसित करना ।
	<b>B.A. III (HINDI) - हिंदी साहित्य का इतिहास.</b>
CO 1	हिंदी साहित्य के इतिहास को जानना ।
CO 2	आदिकाल, भक्तिकाल, रीतिकाल और आधुनिक काल की परिस्थितियोंको परिचय प्राप्त करना ।
CO 3	कबीर, सुरदास, तुलसीदास, जायसी, मीरा, नानक, रैदास जैसे संत कवियों के विचारों को जानना ।
CO 4	हिंदी साहित्य को विविध विधाये तथा उनका विकास जानना ।
CO 5	समकालीन कविताओं के माध्यम से आम जीवन की समस्याओं को जानना ।

CO 6	आधुनिक युग में सामाजिक धार्मिक साहित्यिक आर्थिक बदलाव से हिन्दी साहित्य में आए हुए बदलाव से छात्रों को परिचित करना ।
	<b>B.A. III (HINDI) 7 - काव्यशास्त्र .</b>
CO 1	काव्य,साहित्य की परिभाषा द्वारा काव्य के स्वरूप, हेतु, प्रयोजन का ज्ञान कराना ।
CO 2	काव्य के तत्व, काव्य भेद, शब्द शक्ति का ज्ञान कराना ।
CO 3	अलंकार, छंदों का स्वरूप का परिचय कराना।
CO 4	गद्य के भेद के साथ नाटक, एकांकी, निबंध का स्वरूप देना।
CO 5	आलोचना का स्वरूप, उसकी उपयोगिता, आलोचक के गुण से परिचित कराना ।
	<b>M.A. I (HINDI) 1 प्राचीन एवं मध्ययुगीन काव्य</b> <b>M.A. I (HINDI) 5 मध्ययुगीन हिन्दी काव्य (सुर,बिहारी,भूषण)</b>
CO 1	हिन्दी साहित्य की आदिकालीन तथा भक्तिकालीन काव्य प्रवृत्तियों की जानकारी देना ।
CO 2	छात्रों को प्राचीन तथा मध्ययुगीन काव्य कृतियों का परिचय करना ।
CO 3	प्राचीन तथा मध्ययुगीन कवियों ,काव्य कृतियों का परिचय करना।
CO 4	प्राचीन तथा मध्ययुगीन हिन्दी भाषा से छात्रों को परिचित करना ।
CO 5	छात्रों को प्राचीन तथा मध्ययुगीन काव्य कला से अवगत करना ।
CO 6	प्राचीन तथा मध्ययुगीन काव्य से छात्रों की समीक्षात्मक दृष्टी को विकसित करना ।
CO 7	हिन्दी का आदिकालीन भक्तिकालीन रीतिकालीन काव्य प्रवृत्तियों की जानकारी देना ।
CO 8	तत्कालीन प्रमुख कवि तथा उनकी कृतियों का परिचय करना ।
CO 9	पाठ्य कृतियों के संदर्भ में समीक्षा की क्षमता बढ़ाना ।
	<b>M.A. I (HINDI) 2 आधुनिक हिन्दी कथा साहित्य</b>
CO 1	गद्य की प्रमुख विधाओं के तात्विक स्वरूप का परिचय देना ।
CO 2	छात्रों को प्रमुख गद्य विधाओं के विकासक्रम की जानकारी देना ।
CO 3	विधा विशेष तात्विक स्वरूप एवं ऐतिहासिक विकास के परिप्रेक्ष में रचना विशेष का महत्व समझाने एवं मूल्यांकन की क्षमता को बढ़ाना ।
CO 4	रचना के आस्वादन एवं समीक्षण की क्षमता विकसित करना ।
	<b>M.A. I (HINDI) 3- भारतीय साहित्य शास्त्र</b>
CO 1	भारतीय साहित्य शास्त्र का परिचय, विकासक्रम एवं सिद्धांत स्पष्ट करना ।
CO 2	साहित्य और साहित्यशास्त्र के सहसंबंध से अवगत करना।
CO 3	साहित्यशास्त्रीय चिंतन से परिचित करना।
CO 4	साहित्यशास्त्रीय समीक्षा का महत्व अवगत कराते हुए छात्रों में समीक्षत्मक दृष्टी विकसित करना।
	<b>M.A. I (HINDI) 4- कबीर</b>
CO 1	भक्तिकाल की दार्शनिक, सांस्कृतिक, साहित्यिक परिस्थिति के परिप्रेक्ष में कबीर के व्यक्तित्व- कृतित्व का परिचय व हिन्दी में कबीर के योगदान का ज्ञान देना ।
CO 2	कबीर की काव्यगत शक्ति और सीमा का परिचय करना ।
CO 3	कबीर के काव्य की प्रासंगिकता से अवगत करना ।

	<b>M.A. I (HINDI) 6</b> आधुनिक हिन्दी नाटक और निबंध
<b>CO 1</b>	गद्य की प्रमुख विधाओं के तात्विक स्वरूप का परिचय देना ।
<b>CO 2</b>	प्रमुख गद्य की विधाओं के विकासक्रम की जानकारी देना ।
<b>CO 3</b>	विधा विशेष तात्विक स्वरूप एवं ऐतिहासिक विकास के परिप्रेक्ष में रचना विशेष का महत्व समझाने एवं मूल्यांकन की क्षमता को बढ़ाना ।
<b>CO 4</b>	रचना के आस्वादन एवं समीक्षण की क्षमता विकसित करना।
	<b>M.A. I (HINDI) 7-</b> पाश्चात्य साहित्य शास्त्र
<b>CO 1</b>	पाश्चात्य साहित्य शास्त्र का परिचय, विकासक्रम एवं सिद्धांत स्पष्ट करना ।
<b>CO 2</b>	साहित्य और साहित्यशास्त्र के सहसंबंध से अवगत करना।
<b>CO 3</b>	साहित्यशास्त्रीय चिंतन से परिचित करना।
<b>CO 4</b>	साहित्यशास्त्रीय समीक्षा का महत्व अवगत कराते हुए छात्रों में समीक्षत्मक दृष्टी विकसित करना।
<b>CO 5</b>	नई समीक्षा के सिद्धांतों का ज्ञान करना।
<b>CO 6</b>	आलोचना की प्रणाली एवं नई अवधारणा का परिचय देना।
	<b>M.A. I (HINDI) 8-</b> प्रयोजनमूलक हिन्दी
<b>CO 1</b>	हिन्दी भाषा की प्रमुख प्रयुक्तिया और प्रयोजनमूलक शैलियों का परिचय करना।
<b>CO 2</b>	हिन्दी में कम्प्यूटर के प्रयोग की विधी, कार्य साधक प्रयोग की कुशलता विकसित करना ।
<b>CO 3</b>	पत्राचार के विविध प्रकारों की जानकारी देना।
<b>CO 4</b>	हिन्दी भाषा में अनुवाद की क्षमता विकसित करना ।
<b>CO 5</b>	पारिभाषिक शब्दावली के माध्यम से प्रयोजन मूलक हिन्दी से परिचित करना।
<b>CO 6</b>	विज्ञापन तंत्र से अवगत करना।
<b>CO 7</b>	राष्ट्र प्रेम एवं सामाजिक प्रतिबद्धता की भावना विकसित करना।
	<b>M.A. II (HINDI) 9-</b> आधुनिक काव्य 1 <b>M.A. II (HINDI) 13</b> आधुनिक काव्य 2
<b>CO 1</b>	हिन्दी काव्य की प्रवृत्तियों का परिचय करना।
<b>CO 2</b>	आधुनिक काल के प्रबंध और मुक्तक काव्य के तात्विक स्वरूप की जानकारी देना।
<b>CO 3</b>	आधुनिक युग के काव्य प्रकारों का विकासक्रम समझाना।
<b>CO 4</b>	आधुनिक काव्य प्रकारों के तात्विक स्वरूप, विकासक्रम के परिप्रेक्ष्य में रचनाओं के आस्वादन, अध्ययन और मूल्यांकन की दृष्टी विकसित करना।
	<b>M.A. II (HINDI) 10 -</b> भाषा विज्ञान
<b>CO 1</b>	भाषा विज्ञान के अंगों, विभिन्न शाखाओं का परिचय एवं सैद्धांतिक पक्ष से अवगत करना ।
<b>CO 2</b>	भारतीय आर्य भाषाओं के ऐतिहासिक विकासक्रम की जानकारी करना।
<b>CO 3</b>	हिन्दी शब्द-भंडार व व्याकरणिक स्वरूप, हिन्दी के विविध रूप से परिचित करना। शब्द भेद के विकास क्रम का परिचय देना ।
<b>CO 4</b>	साहित्य के अध्ययन में भाषाविज्ञान की उपयोगिता स्पष्ट करना
<b>CO 5</b>	देवनागरी लिपि के साथ लिपि विकास की जानकारी देना ।

	<b>M.A. II (HINDI) 11</b> हिन्दी साहित्य का इतिहास(आदि,भक्ति,रीतिकाल)
<b>CO 1</b>	छात्रों को हिन्दी साहित्य के काल विभाजन तथा नामकरण का परिचय देना ।
<b>CO 2</b>	आदि,भक्ति,रीति काल के प्रमुख कवियों और उनकी रचनाओं से परिचित करना ।
<b>CO 3</b>	जैन,नाथ,सिद्ध अपभ्रंश साहित्य के प्रभाव से अवगत कराना ।
<b>CO 4</b>	सामाजिक आर्थिक राजनीतिक धार्मिक साहित्यिक परिस्थितियों के परिप्रेक्ष में हिन्दी साहित्य से अवगत करना ।
	<b>M.A. I I (HINDI) 12</b> अनुवाद विज्ञान
<b>CO 1</b>	अनुवाद की परिभाषा,स्वरूप,महत्व की जानकारी छात्रों को देना ।
<b>CO 2</b>	अनुवाद की प्रक्रिया की जानकारी छात्रों को देना ।
<b>CO 3</b>	अनुवाद के सामाजिक सांस्कृतिक पक्ष से छात्रों को अवगत करना ।
<b>CO 4</b>	अनुवाद करते समय आनेवाली समस्या तथा उनके समाधान से छात्रों को अवगत करना।
<b>CO 5</b>	अनुवाद की क्षमता को विकसित करना ।
	<b>M.A. II (HINDI) 14-</b> हिन्दी भाषा का ऐतिहासिक विकास
<b>CO 1</b>	हिन्दी भाषा का उद्भव, विकास तथा ऐतिहासिक पृष्ठभूमि का परिचय देना ।
<b>CO 2</b>	आधुनिक भारतीय आर्य भाषा और उसके वर्गीकरण की जानकारी करना।
<b>CO 3</b>	भारतीय आर्य भाषाओं के ऐतिहासिक विकासक्रम की जानकारी करना।
<b>CO 4</b>	हिन्दी बोलीयों का वर्गीकरण, क्षेत्र, व्याकरणिक स्वरूप और विकास का परिचय देना ।
<b>CO 5</b>	लिपि विज्ञान की उपयोगिता स्पष्ट करना ।
<b>CO 6</b>	हिन्दी प्रचार-प्रसार के आंदोलन की जानकारी देना ।
	<b>M.A. I I (HINDI) 15</b> हिन्दी साहित्य का इतिहास (आदिकाल)
<b>CO 1</b>	हिन्दी गद्य के आविर्भाव के प्रधान कारणों,परिस्थिति का परिचय देना ।
<b>CO 2</b>	विषयवस्तु, भाषाशैली शिल्प विचारधारा,प्रवाह आदि का परिचय देना ।
<b>CO 3</b>	प्रमुख गद्य विधाओं के विकासक्रम से परिचित करना ।
<b>CO 4</b>	प्रमुख गद्यकारों से परिचित करना ।
<b>CO 5</b>	आधुनिक हिन्दी कविता के विकासक्रम से परिचित करना ।
	<b>M.A. I I (HINDI) 16</b> भारतीय साहित्य
<b>CO 1</b>	हिन्दी साहित्य के अखिल भारतीय परिप्रेक्ष्य से परिचित करना ।
<b>CO 2</b>	हिन्दी भाषाओं के साहित्य का स्थूल परिचय देना ।
<b>CO 3</b>	भारतीय साहित्य में व्यक्त भारतीयता की पहचान करना ।
<b>CO 4</b>	हिन्दी में अनुदित साहित्य का परिचय देना ।
<b>CO 5</b>	साहित्यिक अनुवाद के आस्वादन एवं मूल्यांकन को विकसित करना ।

**Programmes Specific Outcomes (PSO's) B.A. (ENGLISH)**

<b>PSO 1</b>	Basic knowledge of English as Language.
<b>PSO 2</b>	Major knowledge of English as Literature.
<b>PSO 3</b>	Basic knowledge of English Grammar.
<b>PSO 4</b>	Critical study of English Literary studies.
<b>PSO 5</b>	Relation between pleasure of literature and real life.

**Course Outcomes (CO's) B.A. (ENGLISH)**

	<b>B.A I(Compulsory English/Optional English)</b>
CO 1	Spoken Communication and Written Communication
CO 2	Introduction to Basic Grammar
CO 3	Understanding and interpretation of different types of literature in English- poem, prose, essay, short stories and one act play.etc.
CO 4	Introduction of the basic units of Language.
	<b>B.A II &amp; B.A.III (Compulsory, Optional English &amp; Special English)</b>
CO 1	Enjoyment of Literature
CO 2	Pleasure of Literary forms such as Novel, Poem, play and essay
CO 3	Critical understanding of Literature.
CO 4	Relation between literature and real life.
CO 5	Emotional development of human mind.
CO 7	Introduction to major concepts in Linguistics.
	<b>Course Outcomes (CO's) F.Y.B.Com. (Compulsory English)</b>
CO1	Learning language through literature
CO2	Realisation of beauty of literature or power of communication
CO3	Development of linguistic competence
CO4	Development of communicative skills
	<b>Course Outcomes (S.Y.B.Sc. Optional English)</b>
CO1	Introduction to Literature components
CO2	Introduction to Language components (Vocabulary and Grammar )
CO3	Introduction to Language Components (Communication skills )
CO4	Development of oral competence
CO5	Development of writing competence

**Programmes Specific Outcomes (PSO's) M.A. (ENGLISH)**

PSO 1	Enhancing critical and analytical skills.
PSO 2	Improving competence in the use of English.
PSO 3	Developing cultural understanding.
PSO 4	Enjoying a wide range of literary or creative texts.
PSO 5	Development of humanistic outlook on life.
PSO 6	Providing ample opportunities for learners to develop their creativity.
PSO 7	Sharpening critical and analytical skills.
PSO 8	Understanding and appreciation of culturally diverse society.

**Course Outcomes (CO's) M.A. (ENGLISH)**

	<b>Paper I to Paper 8</b>
CO 1	Acquainting major trends in English Literature through a detailed study of specific literary texts of the period from 1558 to 1798.
CO 2	Acquainting major trends in English Literature through a detailed study of specific literary texts of the period from 1798 to 2000.
CO 3	Introducing major concepts in contemporary studies in English Language.



CO 4	Acquaintance of Literary Criticism and theory.
	Acquaintance of Indian Literature in English.
CO 1	Understanding different theoretical and practical aspects of language and literature teaching.
CO 2	Introduction to Linguistics and Stylistics.
CO 3	Introduction to Semantics and Pragmatics.
CO 4	Acquainting major trends in English Literature through a detailed study of specific literary texts of the period from 1558 to 1798.
CO 5	Acquainting major trends in English Literature through a detailed study of specific literary texts of the period from 1798 to 2000.
CO 7	Introducing major concepts in contemporary studies in English Language.

### Program Specific Outcomes (PSO's) B.A. POLITICAL SCIENCE

PSO 1	Knowledge about political process of the nation.
PSO 2	Study of national and international political relation.
PSO 3	Study from competitive examination point of view.
PSO 4	Understanding the government and its functions and duties .
PSO 5	Creating appropriate and efficient political leader and party.
PSO 6	Getting knowledge of Constitution of India.

### Course Outcomes (CO's) B.A. POLITICAL SCIENCE

	<b>B.A.-I : INTRODUCTION TO INDIAN CONSTITUTION</b>
CO 1	To acquaint students with the important features of the Constitution of India and with The basic framework of Indian government
CO 2	To familiarize students with the working of the Constitution of India.
	<b>B.A.-II : GOVERNMENT AND POLITICS OF U.K., U.S.A</b>
CO 1	This paper studies the major constitutions of the World by adopting a comparative approach.
CO 2	The constitutional and legal provisions, the ideological basis, the institutional arrangement and their social and economic background are to be explained, analyzed and evaluated critically.
	<b>B.A.III - POLITICAL IDEALOGIES</b>
CO 1	This paper studies the role of different political ideologies and their impact in politics.
CO 2	Each ideology is critically studied in its historical context.
CO 3	In course of its evolution and development, the different streams and subtle nuances within each ideology, the changes and continuities in its doctrine and its relevance to contemporary times are highlighted.
	<b>B.A. G – S1 - WESTERN POLITICAL THOUGHT</b>
CO 1	This paper studies the classical tradition in political theory from Plato to Marx with the view to understand how the great Masters explained and analyzed political events and problems of their time and prescribed solutions.
CO 2	The texts are to be interpreted both in the historical and philosophical perspectives to understand the universality of the enterprise of political theorizing.
	<b>B.A. S-2 - POLITICAL SOCIOLOGY :-</b>
CO 1	This is an introductory paper to the concepts, ideas and theories in political theory.
CO 2	It seeks to explain the evolution and usage of these concepts, ideas and theories with reference to individual thinkers both historically and analytically.

<b>CO 3</b>	The different ideological standpoints with regard to various concepts and theories are to be critically explained with the purpose of highlighting the differences in their perspectives and in order to understand their continuity and change.
<b>B.A. S-3 - PUBLIC ADMINISTRATION:-</b>	
<b>CO 1</b>	This paper is an introductory course in Public Administration.
<b>CO 2</b>	The essence of Public Administration lies in its effectiveness in translating the governing philosophy into programmes, policies and activities and making it a part of community living.
<b>CO 3</b>	The importance of legislative and judicial control over administration is also highlighted
<b>B.A. S-4 - INTERNATIONAL POLITICS:-</b>	
<b>CO 1</b>	This paper deals with concepts and dimensions of international relations and makes an analysis of different theories highlighting the major debates and differences within the different theoretical paradigms.
<b>CO 2</b>	The dominant theories of power and the question of equity and justice, the different aspects of balance of power leading to the present situation of a unipolar world are included.
<b>CO 3</b>	It highlights various aspects of conflict and conflict resolution, collective security and in the specificity of the long period of the post Second World War phase of the Cold War, of Détente and Deterrence leading to theories of rough parity in armaments.

### Program Specific Outcomes (PSO's) B.A.HISTORY

PSO 1	Analysis of interdisciplinary relationship between the past and the present is lively presented in the history.
PSO 2	To develop practical skills helpful in the study and activities related to the Respective
PSO 3	Understanding communities with their religion, administration & culture.
PSO 4	To increase the spirit of the nationalism
PSO 5	To involve the students in understanding local history

### Course Outcomes (CO's) B.A. (History)

<b>B.A. I HISTORY</b>	
CO 1	Introduce innovative study techniques of Maratha period & Administration
CO 2	To promote interest in competitive exam
CO 3	To know about to highlights social economical culture
CO 4	Understand about Maratha Empire, Contribution towards culture, Literature
CO 5	Create awareness Comprehend the growth of education in the changing society of earliest time ,Position of women, Art, Culture & Architecture,

<b>B.A. II General (G-2) History</b>	
CO 1	Comprehension of the basic Concept of the History.
CO 2	Solidification National Integration.
CO 3	Understanding of Processes of Modern India.
CO 4	Reinforcing the Concepts of Independence.
CO 5	Inculcation of Values like patriotism, Indian freedom, rights and duties

<b>B.A. II Special (SPL-1) History</b>	
CO 1	Appreciation of values of ancient India.
CO 2	Understanding ancient Indian Socio-Economics.

CO 3	Introduction of ancient Culture of India.
CO 4	Creation of sense of evaluation about art and architecture.
CO 5	Evaluation of Harshwardhan, Gupta & Mourya Period.

	<b>B.A. II Special (SPL-2) History</b>
CO 1	Creation of sense of responsibility towards medieval values.
CO 2	Understanding of agriculture Industry and Trade
CO 3	Inculcation of Literary and Medieval Values.
CO 4	Evaluation of Sultanshahi and Mogulshahi
CO 5	Survey the sources of Medieval India.

	<b>B.A. III General (G-3) History</b>
CO 1	Acquaintance with political Movement
CO 2	Understanding the rise and growth of nationalism
CO 3	Orientation with Political history of modern World.
CO 4	Acquaintance with Worldly institutes like OPAC ,NATO SETO etc
CO 5	Introduction with the Cold War and Globalization

	<b>B.A. III Special (SPL-3) History</b>
CO 1	Introduction to Methods and tools of data Collection & History Writing.
CO 2	Promotion to Indian Historiography.
CO 3	Introduction of interdisciplinary study
CO 4	Orientation with recent trends in Historical Research.
CO 5	Understanding of Evaluation of Histrography.

	<b>B.A. III Special (SPL-4) History</b>
CO 1	Comprehension of Economic Set Up in 1914-1992
CO 2	Creation of Awareness with the Effects of Word Power.
CO 3	Orientation with Political History of Europe.
CO 4	Orientation with USA as a world Power.
CO 5	Acquaintance with Principal of foreign policy and contemporary world

### **Programme Specific Outcomes (PSO's) B.A. ECONOMICS**

PSO 1	To familiarize the students with the recent development in the Indian economy.
PSO 2	To provide the students with the background of Indian economy with the focus on contemporary issues like economic environment.
PSO 3	To help the students to prepare for varied competitive examinations.
PSO 4	Ability to develop awareness on the various new developments in different sectors of an economy – Agriculture, industry, services, banking, etc.
PSO 5	Ability to compare and contrast Indian economy with other world economics.
PSO 6	Developing research knowledge in economics.
PSO 7	Developing the knowledge about theories of economic growth & Development and issues of economic planning.

### **F.Y.B.A I Indian Economic Environment (General Paper - I)**

CO 1	Understanding the meaning, factors affecting economic environment – Economic, Political, Technological, Social & Cultural.
CO 2	Comparison of Indian economy with the world economy – Population, Agriculture, Industry & Service sector.
CO 3	To understand challenges to Indian Agriculture-Productivity, Rural credit, marketing, Rural Entrepreneurship.

CO 4	To understand Recent trends in Indian agriculture.
CO 5	To understand Role of industry in Indian economy.
CO 6	To understand Industrial policy Resolution, 1991- Liberalization, Privatization and Globalization (LPG)
CO 7	To understand concept of Micro, small & medium Enterprises & their role.
CO 8	Knowing recent trends in Indian industry- Indian multinationals & new policies.
CO 9	To understand role and growth of service sector in Indian economy.
CO 10	To analyze challenges to Indian service sector
CO 11	To understand Recent trends in Indian Banking Environment – E-Banking, E-wallets, Bank Merger and Amalgamation.
CO 12	Overview of Indian economy
	<b>S.Y.B.A-(General Paper - 2) Paper - Modern Banking</b>
CO 1	To Understanding meaning and definition of bank.
CO 2	Knowing Banking Evolution of Europe, USA, Asia.
CO 3	Knowing Evolution of Banking in India.
CO 4	Understanding the functions of commercial banks.
CO 5	To Understanding Principles of Commercial Banks.
CO 6	To Understand Multiple Credit Creation –Process and Limitations.
CO 7	Comprehending the procedure of an account opening, operating and closing.
CO 8	Knowing Types of Account Holders – Individual and Institutional.
CO 9	To Understanding Negotiable instruments Promissory Note , Bill of Exchange, and Cheque - Meaning, definition and Characteristics.
CO 10	Knowing Types of Cheque - Bearer , Order and Crossed. Types of Crossing.
CO 11	To Understanding New Technology in banking - E- Banking – Need and Importance.
CO 12	To Understanding Meaning Concept and Operation of ATM, Credit Card, Debit Card, Tele-Banking, Mobile Banking, Net Banking, Core Banking, RTGS etc.
CO 13	Knowing the functions of R.B.I
CO 14	To Understanding Money Measures –M0, M1, M2, M3, M4
CO 15	To Understanding Monetary policy Meaning and Objectives.
CO 16	Knowing Instruments of Credit control.
CO 17	To Understanding Structure of Co-operative banking in India .
CO 18	Knowing Objectives and functions of NABARD
CO 19	Knowing Challenges before Co-operative banking
	<b>T.Y.B.A-(General Paper - 3) Economics Development and Planning</b>
CO 1	To understand the concept of development and growth
CO 2	To understand Indicators of Economic Growth
CO 3	To understand indicators of economic development.
CO 4	To understand the concept of developed, developing countries.
CO 5	To understand characteristics of developing countries.
CO 6	To understand Constraints on development process.
CO 7	To understand theories of economic development, Classical theories : Adam Smith, Ricardo & Malthus
CO 8	To understand approaches to economic development, Big push theory, Balanced growth & Imbalanced growth
CO 9	To understand concept of Foreign capital
CO 10	To understand role and problem of foreign capital in economic development
CO 11	To understand types of private & public foreign investment

CO 12	To understand concept of monetary policy and fiscal policy and their objectives, instruments & limitations.
CO 13	To understand meaning and definition of economic planning.
CO 14	To understand Objectives of economic planning.

### Programme Specific Outcomes (PSO's) B.COM. ECONOMICS

PSO 1	To familiarize the students with the recent development in the Indian economy.
PSO 2	To provide the students with the background of Indian economy with the focus on contemporary issues like economic environment.
PSO 3	To help the students to prepare for varied competitive examinations.
PSO 4	Ability to develop awareness on the various new developments in different sectors of an economy – Agriculture, industry, services, banking, etc.
PSO 5	Ability to compare and contrast Indian economy with other world economics.
PSO 6	Understanding how different degrees of competition in a market affect pricing and output.
PSO 7	Developing research knowledge in economics.
PSO 8	Developing the knowledge about theories of economic growth & Development and issues of economic planning.

	<b>F.Y.B.Com - Micro Economics</b>
CO 1	To make the students aware of the concepts in micro economics.
CO 2	To help the students understand the difference between micro and macro economics.
CO 3	To make the students understand economic and non-economic goals of firms.
CO 4	To help the students understand the concept of utility.
CO 5	To impart knowledge of cardinal and ordinal approach.
CO 6	To make them understand the concept of consumer surplus.
CO 7	To understand the concept of demand and elasticity of demand.
CO 8	To impart knowledge of law of supply and the determinants of law of supply.
CO 9	To help the students understand price determination in varied demand and supply condition.
CO 10	To help the students understand the relation between revenue concepts.
CO 11	To understand theories of production function.
	<b>S.Y.B.Com -II Macro Economics</b>
CO 1	Identifying the basic concepts of Macroeconomics and nature & scope of macro economics.
CO 2	Identify difference between micro & macro economics.
CO 3	Understanding various concepts such as : GDP, GNP, NNP, Personal Income, Disposable Income, Per Capita Income, and National Income.
CO 4	To understand Measurement of national income – Circular flow of income – Two Sector model.
CO 5	To understand meaning & function of Money.
CO 6	To identify Classical and Keynesian approach – Demand for money.
CO 7	To understand Role of Commercial banks – Credit control – Quantitative & qualitative.
CO 8	To understand new money measures of Reserve bank of india.
CO 9	To understand meaning & concepts of Value of money.
CO 10	To understand Quantity theory of money, Cash balance approach, Milton Friedman's approach.

CO 11	To understand meaning, causes & effects of Inflation & Deflation.
CO 12	To understand types of Inflation & Inflationary Gap, Philips Curve – Supply side economics.
CO 13	To understand meaning, definition & features of Trade cycle.
CO 14	To understand Policy for control of Trade cycle – Monetary and Fiscal measures
CO 15	To understand theories of Output & employment – Classical & Keynesian
CO 16	To understand meaning, nature & scope of public finance.
CO 17	To understand principle of maximum social advantage – Dr. Dalton’s approach
CO 18	Knowing Principles, types & effects of Taxation.
CO 19	To understand causes of increasing Public Expenditure
<b>T.Y.B.Com - Indian &amp; Global Economic Development</b>	
CO 1	Understanding basic characteristics of Indian economy as an Emerging economy.
CO 2	Comparison of Indian economy with developed economies to NI, PCI, Agri, Industry & Service sector.
CO 3	To understand Agricultural development in India since Independence.
CO 4	To understand Industrial development in India since 1991 – Role of Industrialization, New Industrial Policy 1991.
CO 5	Knowing role of basic Infrastructure in Indian Economic development.
CO 6	To understand role of Private & public sector in Industrial development.
CO 7	Knowing role of human resource in Indian economic development
CO 8	To understand concept of HDI, HPI, Gender & Gender Employment Measures.
CO 9	Identify meaning & challenges of LPG.
CO 10	To understand meaning, role, need, advantages & disadvantages of Foreign capital.
CO 11	To understand importance of Foreign trade in economic development
CO 12	Knowing Indian balance of Payment position since 1991.
CO 13	To understand convertibility of Indian Rupees in current & capital account
CO 14	To understand importance, objectives, structure & functions of SAARC, IMF, IBRD, WTO & BRICS

### Programmes Outcomes (PSO's) B.Sc.- (Chemistry)

<b>PO 1</b>	Demonstrate, solve and an understanding of major concepts in all disciplines of chemistry.
<b>PO 2</b>	To understand basic facts and concepts in Chemistry while retaining the exciting aspects of Chemistry so as to develop interest in the study of chemistry as a discipline.
<b>PO 3</b>	Employ critical thinking and the scientific knowledge to design, carry out, record and analyze the results of chemical reactions.
<b>PO 4</b>	To develop the ability to apply the principles of Chemistry
<b>PO 5</b>	Find out the green route for chemical reaction for sustainable development.
<b>PO 6</b>	To inculcate the scientific temperament in the students and outside the scientific community.
<b>PO 7</b>	Use modern techniques, decent equipments and Chemistry software" s

### Programmes Specific Outcomes (PSO's) B.Sc.- (Chemistry)

<b>PSO 1</b>	To appreciate the achievements in Chemistry and to know the role of Chemistry in nature and in society
<b>PSO 2</b>	To explain nomenclature, stereochemistry, structures, reactivity, and mechanism of the chemical reactions.

<b>PSO 3</b>	To develop problem solving skills.
<b>PSO 4</b>	Use modern chemical tools, Models, Chem-draw, Charts and Equipments.
<b>PSO 5</b>	Know structure-activity relationship.
<b>PSO 6</b>	To be familiarised with the emerging areas of Chemistry and their applications in various spheres of Chemical sciences and to apprise the students of its relevance in future studies.
<b>PSO 7</b>	Develop research oriented skills.
<b>PSO 8</b>	To develop skills in the proper handling of apparatus and chemicals. To be exposed to the different processes used in industries and their applications.

### Course Outcomes (CO's) B.Sc.- (Chemistry)

<b>F.Y.B.Sc. Annual pattern</b>	
<b>Chem. Paper I-Physical and Inorganic Chemistry</b>	
CO-1	to solve problems regarding van der Waal's and Critical constant and regarding P-V-T relations
CO-2	Theoretical basis of adsorption phenomena is integrated
CO-3	to solve problems based on GMV relationship.
CO-4	Student knows about atomic structure chemical thermodynamics
CO-5	Concept of hybridization and differentiation with overlap
<b>Chem. Paper II- Organic and Inorganic Chemistry</b>	
CO-1	knows the structure, bonding, properties and reactivities of organic molecules such as covalent character, hybridization, bond angles, bond energies, bond polarities and shapes of molecules.
CO-2	Structural effects and their applications in determining strength of acids and bases.
CO-3	The common and IUPAC names of alkanes, alkenes, alkynes and homocyclic, polycyclic aromatic hydrocarbons
CO-4	Skeleton of long form of periodic table
CO-5	Structure, nomenclature, preparation and reactions of organic compounds.
CO-6	Concept of isomerism, types of isomers and representation of organic molecules.
CO-7	Concept of oxyanions, different than mineral acids, oxyacids of phosphorous & sulphur
<b>Chem .Paper III Practical Course</b>	
CO-1	Verify theoretical principles experimentally
CO-2	Improvement of practical skills of the students.
CO-3	Acquire skill of crystallisation
CO-4	record correct m. p. / b. p.

<b>S.Y.B.Sc. Semester-I</b>	
<b>CH-211 Physical and Analytical Chemistry</b>	
CO-1	Concept of kinetics , terms used , rate laws , types of order
CO-2	Know Types of photochemical reactions and photophysical process
CO-3	Distribution law and nature of solute in solution state
CO-4	Chemical analysis and its applications

CO-5	Meaning of error and terms related to expression & estimation of errors
CO-6	Method of detection of Basic and acidic radicals
CO-7	Classification of compounds with different functional groups
	<b>CH-212 Organic and Inorganic Chemistry</b>
CO-1	Draw the structure of boat and chair configuration its energy and stability of cyclohexane
CO-2	Define and classify heterocyclic compounds and their reactions and preparations
CO-3	Differentiate between ore and minerals.
CO-4	electrolysis of alumina and its refining, their alloys and application
CO-5	understand Metallurgy of Iron and Steel
CO-6	Methods of prevention of metal from corrosion.
	<b>Semester-II</b>
	<b>CH-221 Physical and Analytical Chemistry</b>
CO-1	Chemical and physical equilibrium
CO-2	Ideal and non ideal solutions and laws governing these solutions
CO-3	Meaning of equivalent weight, molecular weight, normality, molality, primary and secondary standards.
CO-4	Types and role of indicators.
	<b>CH-222 Organic and Inorganic Chemistry</b>
CO-1	Concept of different reagents used in the one type of conversion.
CO-2	Write and complete various reactions of heterocyclic compounds.
CO-3	role of biochemistry in the day to day life
CO-4	Write cyclic structure of glucose in Fischer, Haworth and chair form
CO-5	position of d-block elements in periodic table.
CO-6	To define acids and bases according to Arrhenius theory Lowery- Bronsted concept, Lewis concept.
CO-7	To know toxic chemical in the environment.
	<b>CH-223 Practical Course in Chemistry</b>
CO-1	Correlate the theory and experiments and understand their importance
CO-2	Perform the complete chemical analysis of the given organic compound
CO-3	Verify theoretical principles experimentally
CO-4	Perform all the activities in the laboratory with neatness and cleanness.
CO-5	Acquire skill of crystallisation, record correct m. p. / b. p.

	<b>T.Y.B.Sc. Semester-III</b>
	<b>CH-331 Physical Chemistry</b>
<b>CO 1</b>	Write an expression for rate constant k and half-life period for third order reaction
<b>CO 2</b>	Solve the numerical problems based on k, $E_a$ and A.
<b>CO 3</b>	To know the cell constant, types of electrolyte.
<b>CO 4</b>	To understands the term refractive index, specific volume, molar volume, and molar refraction, dipole moment, M.I. and spectra of molecule. Derive the expression for rotational spectra for the transition from J to J+1
<b>CO 5</b>	Know the meaning of phase, component, and degree of freedom for one and two component system.
	<b>CH-332 Inorganic Chemistry</b>



CO 1	Know the theories of covalent bond formation.
CO 2	Know the meaning of various terms involved in co-ordination chemistry
CO 3	Calculation of charge on complex ion and oxidation number.
CO 4	Familiar with IUPAC name of coordination compound.CO-5. Know the various types of isomerism in coordination compounds.CO-6. Know the need of concept of hybridization.
	<b>CH-333 Organic Chemistry</b>
CO 1	Define organic acids and bases.
CO 2	Distinguish between geometrical and optical isomerism.
CO 3	Discuss kinetics, mechanism and stereochemistry of SN1 and SN2 reactions.
CO 4	Compare between E1 and E2 reactions.
CO 5	Understand the evidences, reactivity and mechanism of various elimination and substitution reactions.
	<b>CH-334 Analytical Chemistry</b>
CO 1	Know the different terms related with gravimetric analysis.
CO 2	To understand different TGA techniques.
CO 3	To study emr and its interaction with matter.
CO 4	To understand different voltametric techniques.
CO 5	To know the concept of AAS.
CO 6	To understand emission spectra by FES.
	<b>CH-335 Industrial Chemistry</b>
CO 1	Know the various industrial aspects.
CO 2	Classify various insecticides, fungicides, pesticides.
CO 3	Study the food deterioration factors and their control.
CO 4	Understand Non-starch polysaccharides-cellulose-occurrence.
CO 5	Study the various operations involved in the manufacture and compositions of cement, Glass.
	<b>CH-336-B Polymer Chemistry</b>
CO 1	History of polymers.
CO 2	Difference between simple compounds and polymer.
CO 3	Names of polymers.
CO 4	Various methods of nomenclature.
CO 5	Difference between natural synthetic, organic and inorganic polymers.
CO 6	Terms-Monomer, Polymer, Polymerization, Degree of polymerization, Functionality, Number average, Weight average molecular weight. Mechanisms of polymerization.Polymerization techniques.
CO 7	Importance of silicone polymers. Derivatives of cellulose polymers & their applications. Ingredients added to polymer fillers.
CO 8	Polymer reactions and applications. Polymer reactions and their effect on physical and chemical properties.
CO 9	Advantages of polymer reactions to change their properties.
	<b>Semester-IV</b>
	<b>CH-341 Physical Chemistry</b>
CO 1	Understand Mechanics of system of particles.
CO 2	Know the concept of electrode, cell reaction, types of electrode.
CO 3	Solve the cell reaction and calculate Ecell, pH.
CO 4	Calculate wavelength,angle, interplanar spacing.
CO 5	Understand De-Broglie hypothesis and Uncertainty principle
CO 6	Derive Schrodinger's time dependent and independent equations
	<b>CH-342 Inorganic Chemistry</b>
CO 1	Understand the behaviour of f-block elements.
CO 2	Know the band theory of metal.

CO 3	Understand the nature of solid.
CO 4	Define catalysis and various terms involved in it.
CO 5	Understand biological role of inorganic ions and compounds.
<b>CH-343 Organic Chemistry</b>	
CO 1	To study UV, IR and NMR spectroscopy.
CO 2	Discuss different types of rearrangement reactions.
CO 3	Determine structure of compound by spectroscopic methods.
CO 4	Understand the difference between carbocation and carbanion.
CO 5	To study alkaloids, Ephedrine, citral molecule with their properties and application.
<b>CH-344 Analytical Chemistry</b>	
CO 1	Know the different analytical techniques.
CO 2	To understand different types of separation techniques.
CO 3	To study principle, construction and working of GC and HPLC.
CO 4	To give an extended knowledge about chromatographic techniques used for separation of amino acids.
CO 5	Discuss the problem based on distribution coefficient and extraction techniques.
<b>CH-345 Industrial Chemistry</b>	
CO 1	Know the classification of pharmaceutical drugs, their nomenclature, application and synthesis.
CO 2	To study the waste management.
CO 3	To understand the classification and uses of dyes, paints and pigments.
CO 4	To study the different types of soap products.
CO 5	To know importance of sugar industry.
CO-6.	To study the basics of polymer nomenclature.
<b>CH-346-B Polymer Chemistry</b>	
CO 1	Polymer degradation, Chemical and geometric structures of polymers.
CO 2	Important polymers like PVC, polystyrene, polyvinyl alcohol, Teflon, Resins, nylon, epoxy polymer, Uses & properties of polymers.
CO 3	Role of polymer industry in the economy. , Advantages of polymers, Some industrially important polymers polymer processing?
CO 4	Different polymer processing techniques. Polymer testing and analysis, Properties of polymers & testing., Various fiber spinning techniques, Reinforcement & compounding of polymers.
<b>CH-347 Physical Chemistry practical.</b>	
CO 1	To find the rate constant of reaction k and relative strength.
CO 2	Study the energy of activation for second order reaction.
CO 3	To find order of reaction.
CO 4	Find out the acidity, Basicity and PKa value on pH meter.
CO 5	To find unknown concentration of solution by colorimeter.
CO 6	To determine pH of various buffer solution by potentiometer.
<b>CH-348 Inorganic Chemistry Practical" s</b>	
CO 1	Study the gravimetric and volumetric estimations.
CO 2	Preparation of inorganic complexes
CO 3	To study qualitative analysis of binary mixture with removal of borate and phosphate radical.
CO 4	To understand the separation of ions by the chromatographic techniques
<b>CH-349 Organic Chemistry Practical" s</b>	
CO 1	Perform the Binary mixtures.
CO 2	Preparation of organic compounds, their purifications and run TLC.
CO 3	Determination of physical constant: Melting point, Boiling point.
CO 4	Different separation techniques.

**Programme Specific Outcomes: M. Sc Organic Chemistry**

After successful completion of two year degree program in chemistry a student should be able to;

<b>PSO 1</b>	Determine molecular structure by using UV, IR and NMR.
<b>PSO 2</b>	To give students a comprehensive understanding of the principles of Chemistry
<b>PSO 3</b>	Improve the Skill of student in organic research area.
<b>PSO 4</b>	To gain the skill to design and carry out scientific experiments and interpret the data.
<b>PSO 5</b>	Study of Asymmetric synthesis.
<b>PSO 6</b>	Determine the aromaticity of different compounds.
<b>PSO 7</b>	To be able to define and resolve new problems in Chemistry and participate in the future development of Chemistry.
<b>PSO 8</b>	To develop the post graduate department on the modern lines of education and training levels.
<b>PSO 9</b>	To impart the advanced practical and theoretical knowledge to the students and develop the scientific skills among them to be useful in the concerned field.
<b>PSO 10</b>	To trained students and make them eligible for accessing integrated multidimensional fields.
<b>PSO 11</b>	Anticipation of new/upcoming areas in academics as well as in technology.

**Course Outcomes (CO's) M.Sc. - (Organic Chemistry)**

	<b>Semester-I</b>
	CHP-110 Fundamentals of Physical Chemistry-I
<b>CO 1</b>	The course aims to provide fundamental understanding of physical chemistry.
<b>CO 2</b>	Students learn the concept of Gibbs and Helmholtz energies, Chemical potential and Expressing Chemical equilibrium in terms of chemical potential.
<b>CO 3</b>	Elements of quantum chemistry, wave particle duality, uncertainty principle, wave function and its interpretation, well behaved functions, ortho normal functions, Schrodinger equation, particle in a box, degeneracy, quantum mechanical harmonic oscillator and quantum tunneling are introduced.
<b>CO 4</b>	Students are made aware of Chemical kinetics and reaction dynamics topics such as Reversible reactions, principle of microscopic reversibility, steady state approximation and elucidating mechanism using SSA. Arrhenius theory, enzyme catalysis and Michaelis-Menten mechanism.
	<b>CHI-130Molecular Symmetry &amp; Chemistry of p-block elements</b>
<b>CO 1</b>	This is made to understand the symmetry and group theory and use this knowledge to interpret the properties like dipole moment, optical activity, and signals in IR and Raman spectroscopy.
<b>CO 2</b>	Students are also made to understand the properties of main group elements and their applications in fields like catalysis, industry, human metabolism and medicines etc.
<b>CO 3</b>	It also explains organometallic compounds of Si, Sn, Pb, Ga, As, Sb, Bi etc and their synthesis and reactions.
	<b>CHO-150 Basic Organic Chemistry</b>
<b>CO 1</b>	This course helps to improve basic organic concepts.
<b>CO 2</b>	The Purpose of the course is to aware the students for basic organic chemistry.
<b>CO 3</b>	The main intension of the course is that to know stereochemistry of carbon compounds, how to write structure of molecules & their reactivity.
<b>CO 4</b>	Student should aware about reaction mechanism.

	<b>CHA-190 Safety in Chemical Laboratory and Good Laboratory Practices</b>
<b>CO 1</b>	The Students are made aware of necessary guidelines of safety in chemical laboratory and good laboratory practice.
<b>CO 2</b>	Students get acquainted with different types of hazards at work place, use of personal protective.
<b>CO 3</b>	Students also aware about types of fire extinguisher inventory management, storage and disposal material safety data sheets.
<b>CO 4</b>	Students should know how to handle first Aid as while working different chemicals are in contact with the skin, eyes and inhalation and ingestion.
	<b>Semester- II</b>
	<b>CHP-210 Fundamentals of Physical Chemistry II</b>
<b>CO 1</b>	The course aims to provide understanding of physical chemistry;
<b>CO 2</b>	In this course fundamentals of molecular spectroscopy are introduced. Students learn basic elements of rotational, vibrational, raman and electronic spectroscopy.
<b>CO 3</b>	Nuclear and radiation Chemistry concepts are introduced. Students get familiar with Chemical Bonding.
<b>CO 4</b>	Valence Bond theory, hybrid orbital, geometry and hybridization, Molecular Orbital Theory, linear variation method, Approximations underlying Huckel theory, bond order, Aromaticity, Applications of Huckel theory.
	<b>CHI- 230 Coordination and Bioinorganic Chemistry</b>
<b>CO 1</b>	Students are made aware of spectral and magnetic properties of d and f block elements, spectrophotometric analysis of metals like Cr, Mn, Ni and magnetic behavior of various complexes of f block elements in MRI and as TV phosphors.
<b>CO 2</b>	Students are also made aware of a role of metal ion in biologically active compounds like Hb, Mb cytochromes and use of anticancer drugs i.e. platinum Complexes.
<b>CO 3</b>	It explains biochemistry of Na, K, Ca, with respect to Na/K pumps.
	<b>CHO-250 Synthetic Organic Chemistry &amp; Spectroscopy</b>
<b>CO 1</b>	The main aim of this course is to study with various basic organic reactions with mechanism, reagent and ylides
<b>CO 2</b>	This course also covers with the basic introduction to various spectroscopic methods like UV, <sup>1</sup> H-NMR, <sup>13</sup> C- NMR, IR, Mass spectrometry and their applications.
	<b>CHA-290 General Chemistry</b>
<b>CO 1</b>	The basic purpose of this course is to understand the importance and properties of mass spectrometry, gas chromatography and high performance liquid Chromatography.
<b>CO 2</b>	Students also familiar with concept of analytical chemistry like data handling and spreadsheets, Sampling, Standardization and calibration.
<b>CO 3</b>	Separation by precipitation, distillation, extraction and ion exchange chromatography.
	<b>CHP-107 Practical Course (Physical Chemistry)</b>
<b>CO 1</b>	Students are trained to use the techniques such as pH metry, Conductometry, Potentiometry, Colorimetry, Spectrophotometry, Refractometry and G. M. Counter.
<b>CO 2</b>	These techniques will enable them to work as quality control chemist in various labs and such organizations.
	<b>CHI-147 Practical Course (Inorganic Chemistry)</b>

CO 1	Students are given the knowledge of basic preparation of various solutions, synthesis of various inorganic complexes and their characterization.
CO 2	The students are trained for handling of natural materials and their quantitative analysis which involves disintegration, separation and individual estimations.
CO 3	They are given hands on training to handle various equipments like spectrophotometer, flame photometer, Conductometer etc.
<b>CHO-247 Practical Course (Organic Chemistry)</b>	
CO 1	This course makes the students to aware of different organic techniques like purification, crystallization, distillation, TLC, M.P./B.P. this course develops scientific views, organic synthesis and also give knowledge of separation of ternary organic mixtures.
CO 2	Student gets Knowledge of chemistry software likes, MOPAC, ISIS draw, Chemdraw office.
<b>Semester- III</b>	
<b>CHO-350 Organic reaction mechanism</b>	
CO 1	The main aim of this course is to learn and understand the basic concept in reaction mechanism.
CO 2	This course helps the students to understand the role of recent reagent, catalyst in mechanism of reaction.
CO 3	This course also helps to improve the thinking ability of the students towards reaction mechanism.
<b>CHO-351 Spectroscopic Methods in Structure Determination.</b>	
CO 1	This course enables to the students learn the basic of spectroscopic methods like UV, <sup>1</sup> H-NMR, <sup>13</sup> C-NMR, IR, Mass spectrometry and their application.
CO 2	This course gives idea of structure determination of known and unknown organic molecules by using spectroscopic data.
<b>CHO-352 Organic Stereochemistry</b>	
CO 1	This course helps to aware the students to understand the stereochemistry of organic reactions.
CO 2	Also gives detail idea regarding stereochemistry of alicyclic rings, fused, bridge and caged rings.
CO 3	This course also includes resolution of racemic modification and determination of stereochemistry of organic compound using NMR, which helps to the students that they predict stereochemistry of organic compounds
<b>CH-353 Photochemistry, pericyclic Reactions and Heterocyclic Chemistry</b>	
CO 1	The aim of this course is to furnish the students with fundamental and theoretical understanding of heterocyclic chemistry.
CO 2	This course includes photochemistry and pericyclic reactions which helps the students to improve their imagination power.
CO 3	Heterocyclic chemistry gives basic idea to the students in synthesis of different heterocyclic derivatives.
<b>Semester- IV</b>	
<b>CHO-450 Chemistry of Natural products</b>	
CO 1	. In this course PG students learn the different pathways of synthesis of natural products.
CO 2	It also helps stereochemistry and structure determination of some natural products.
CO 3	The biogenesis develops the synthetic strategies to prepare different important natural compounds in the laboratory.

CO 4	This course involves multistep synthesis of coumarins, flavonoids, isoflavonoids and terpenoids.
<b>CHO-451 Advanced Synthetic Organic Chemistry</b>	
CO 1	This course involves organometallic chemistry which helps the students to develop their ideas in organic synthesis.
CO 2	This course involves the reactions like coupling reactions, multicomponent reactions, ring formation reactions, olifination which helps the students to plan synthesis of new organic molecules.
CO 3	Click chemistry develops the ecofriendly approach towards organic synthesis.
<b>CHO: 452 Carbohydrate and Chiron Approach, Chiral Drugs and Medicinal chemistry</b>	
CO 1	This course is designed to make the students aware of the chemistry of biomolecules and basic concept of retrosynthetic strategy and synthesis of chiral drugs.
CO 2	This course also gives knowledge of synthesis of pharmacologically active chiral drugs.
CO 3	Medicinal chemistry helps to introduce the drugs and their biological properties to the students.
CO 4	It also helps to understand pharmacokinetics and pharmacodynamics of the drugs and drug targets.
<b>CHO-453 Designing organic Synthesis and Asymmetric Synthesis</b>	
CO 1	This course is specially designed to understand the designing of organic synthesis, which helps develop the research ideas.
CO 2	It involves principle and applications of asymmetric synthesis which helps to predict the chiral products in organic synthesis.
CO 3	Students also come to know the use of Cram rule, Felkin-Anh rule, Cram chelate model, use of chiral auxiliary and chiral reagents in organic synthesis.
<b>CHO-347 Single stage preparations</b>	
CO 1	This practical course involves single stage preparation of different organic compounds and heterocycles.
CO 2	The main objective of this course is to develop the skilled practical hand of the students in laboratory.
<b>CHO-447 Two stage Preparations</b>	
CO 1	This course includes multistep synthesis of organic compounds and heterocycles.
CO 2	This course helps the students to improve the techniques like workup of reactions, purification, TLC, M.P / B.P etc.
CO 3	The main of this course is to improve practical skill and practice of micro scale preparation.
<b>CHO-448 Green Chemistry Practical</b>	
CO 1	This course makes the students aware of the role of green chemistry in organic synthesis.
CO 2	Green chemistry helps to reduce the pollution.
CO 3	The main objective of this course is how to avoid solvents and do solvent free reactions.

### Programme Outcomes: M. Sc Analytical Chemistry

After successful completion of two year degree programme in chemistry a student should be able to

PO-1.	Demonstrate, solve and an understanding of major concepts in all disciplines of Chemistry.
PO-2.	Work in the pure, interdisciplinary and multidisciplinary areas of chemical sciences and its applications
PO-3.	Create an awareness of the impact of chemistry on the society, and development outside the scientific community.
PO-4.	Analyse data obtained from sophisticated instruments (like UVVis, Fluorescence, FTIR, NMR, GCMS, HPLC, GCMS and TGA) for the structure determination and chemical analysis.
PO-5.	Employ critical thinking and the scientific knowledge to design, carryout, record and analyze the results of Chemistry experiments.
PO-6.	To inculcate the scientific temperament in the students and outside the scientific community.
PO-7.	Apply green chemistry approach towards planning and execution of research in frontier areas of chemical sciences.

### Programme Specific Outcomes Analytical Chemistry

PSO-1.	Learn about the potential uses of analytical industrial chemistry.
PSO-2.	Gains complete knowledge about all fundamental aspects of all the elements of chemistry
PSO-3.	Learn the classical status of thermodynamics.
PSO-4.	Learns about the potential uses of analytical industrial chemistry.
PSO-5.	Understand good laboratory practices and safety.
PSO-6.	Introduce advanced techniques and ideas required in developing area of Chemistry.
PSO-7.	Make aware and handle the sophisticated instruments/equipments.
PSO-8.	Carry out experiments in the area of organic analysis, estimation, separation, derivative process, inorganic semi micro analysis, preparation, conductometric and potentiometric analysis.

### Course Outcomes (CO's) M.Sc. (Analytical Chemistry)

	<b>Semester- III</b>
	<b>CHA-380</b> <b>Geological and alloy analysis and analytical method development and validation</b>
<b>CO 1</b>	To study assay validation and inter laboratory transfer.
<b>CO 2</b>	To study the analysis geological materials and alloys.
<b>CO 3</b>	To study analysis of soil ,sampling ,chemical analysis as a measure of soil fertility.
	<b>CHA: 390 Electro analytical radio analytical methods of analysis</b>
<b>CO 1</b>	To study Principle, Instrumentation and applications of Coulometry.
<b>CO 2</b>	To study Voltammetry and polarography methods of analysis and problems
<b>CO 3</b>	To study Amperometry and its applications.
<b>CO 4</b>	Understand Radio Analytical techniques.
<b>CO-5</b>	To study Thermal methods of analysis and their types, problems.
	<b>CHA-391 Pharmaceutical Analysis</b>
<b>CO 1</b>	To study the dissolution of Tablets & Capsules.
<b>CO 2</b>	To study Formation & Packaing of Tablets & Capsules.
<b>CO 3</b>	To study of Various Vitamins.
<b>CO 4</b>	To study of Disintegration of Tablets & Capsules.
<b>CO-5</b>	To study of different types of Assay.

	<b>CHA-392 Advanced Analytical Techniques</b>
CO 1	To study the solvent Extraction.
CO 2	To study the Solid Phase Extraction
CO 3	To study microwave Assisted Extraction.
CO 4	To study the Mass Spectroscopy.
CO-5	To study the AAS& AFS.
	<b>Semester- IV</b>
	<b>CHA -481 Analytical toxicology and food analysis.</b>
CO 1	Study of acute poisoning clinical toxicology.
CO 2	Learn the isolation, identification and determination of narcotics,stimulants and Depressants.
CO 3	Study the classification function, analysis of carbohydrate, protein,lipids.
CO 4	Study the food preservatives,identification, determination,and composition.
	<b>CHA-490 Analytical Spectroscopy</b>
CO 1	To study Principle, Instrumentation and applications of ESCA, AES and UPS.
CO 2	Learn X-ray methods of analysis and problems based on their theory.
CO 3	To study Introduction of electron microscopy and its applications.
CO 4	Understand Chemiluminescences, Phosphorescence's and fluorescence.
CO-5	To study H-1, C-13 and 2-D NMR Spectroscopy.
	<b>CHA -491 Analysis of Fertilizer, soap &amp; detergents, water analysis &amp; polymer analysis, paint &amp; pigments</b>
CO 1	Study of Analysis of Fertilizer by Various methods.
CO 2	Learn the analysis of soap & detergents by various analytical methods Study the determination of Iron from detergents by calorimetrically.
CO 3	Study the water analysis & parameters of water.
CO 4	Learn the Polymer chemistry. Analysis and testing of polymer, Measuremets of Molecular weight & size.
CO-5	Study the paint And pigment analysis. Learn the estimation of zinc & chromium. And various elements from Pigment sample
	<b>CHA-492 Pollution monitoring and control and analysis of body fluid.</b>
CO 1	Study of pollution monitoring removal of heavy toxic metals Cr,Hg,Cd,Pb,As.
CO 2	Study of removal of particulate matter SO <sub>2</sub> and NO <sub>x</sub> .
CO 3	Study the collection of specimen blood, urine, faeces
CO 4	Analysis of vitamins .
CO-5	To Study the liver function and kidney function test.
	<b>CHA-387 practical course-I (Analysis of Materials)</b>
CO 1	Study the Analysis of Ore by Gravimetrically & Volumetric techniques.
CO 2	Study the Analysis of Ally by Volumetric Method
CO 3	Determination Calcium, Magnesium & Silica From Sample Cement.
CO 4	Determination of Iron From Sample of Detergent by colorimetrically.
CO-5	Learn the colorimetric or Spectrophotometric techniques.
CO 6	Learn the Gravimetric & Volumetric method.
	<b>CHA-487 Practical Course-II (Instrumental Analysis)</b>
CO 1	Study of Spectroscopic techniques.
CO 2	Study of Turbidimetry and Nephelometry techniques.
CO 3	Study of Polarimeter, FES, Polarography.
CO 4	Analysis of Riboflavin by Photoflurometer.
CO-5	To Study Potentiometer, Conduct meter and Photometric determinations.
	<b>CHA-488 Organic practical course-III (Analysis of Pharmacuatical,food and bio analytical samples)</b>
CO 1	study the dissolution of tablets
CO 2	Learn the spectroscopic techniques.



<b>CO 3</b>	Estimation of Lycopene from given tomatoes sample.
<b>CO 4</b>	Determination of Glucose from given Glucon-D.

### Programmes Specific Outcomes (PSO's) B.Sc.- Mathematics

<b>PSO 1</b>	Ability to calculate and reason to design complex and critical financial models for Bank and Insurance Companies.
<b>PSO 2</b>	Ability to understand both concrete and abstract problems.
<b>PSO 3</b>	Ability to make critical observations.
<b>PSO 4</b>	Ability to accurately organize, analyze and interpret data.
<b>PSO 5</b>	Develop the mathematical logic which is very useful for solving mathematical reasoning problems.

### Course Outcomes (CO's) B.Sc.- Mathematics

	<b>B.Sc-I Paper I (Complex number &amp; Algebra), Paper II (Calculus), Paper III (Geometry) Paper IV (Differential Equations)</b>
<b>CO 1</b>	Developing the interest towards mathematics.
<b>CO 2</b>	Creating the relationship of mathematics with other subjects.
<b>CO 3</b>	Developing the understanding and fluency in mathematics thorough inquiry and connecting mathematical concepts.
<b>CO 4</b>	Developing the knowledge of applications of derivative and integration, etc.
	<b>B.Sc-II Paper V (differential Calculus) Paper VI (differential equations) Paper VII( Integral Calculus) Paper VIII(Discrete Mathematics)</b>
<b>CO 1</b>	Developing problem solving skills for various types of equations such as wave equation, heat equation and Lapse equations.
<b>CO 2</b>	Developing several perspectives of differential equations.
<b>CO 3</b>	Developing the knowledge of how to draw graphs, paths, walks and curvatures.
<b>CO 4</b>	Creating interest with finite sets particularly those areas relevant to business.
	<b>B. Sc-III Paper IX (Real Analysis), Paper X (Modern Algebra) Paper XI (Partial Differential Equations) Paper XII&amp; Paper XVI (Numerical Methods I &amp; II ) Paper XIII (Metric Spaces) Paper XIV (Linear Algebra) Paper XV (Complex Analysis)</b>
<b>CO 1</b>	Developing the knowledge of real number and real valued functions such as sequences convergence and continuity.
<b>CO 2</b>	Studying the properties of real numbers (Ries <sup>2</sup> space and positive operators).
<b>CO 3</b>	Study of algorithms that used in numerical approximation.
<b>CO 4</b>	Computation the trajectory of a spacecraft requires the accurate numerical solution of a system of ordinary differential equations.

### Programmes Outcomes (PSO's) B.Sc.- B. Sc. Botany

After successful completion of three year degree program in Botany a student is able to:

<b>PO 1</b>	Students know about different types of lower & higher plants their evolution in from algae to angiosperm &also their economic and ecological importance.
<b>PO 2</b>	Cell biology gives knowledge about cell organelles & their functions.
<b>PO 3</b>	Molecular biology gives knowledge about chemical properties of nucleic acid and role in living systems.
<b>PO 4</b>	Genetics provides knowledge about laws of inheritance, various genetic interactions, chromosomal abrasions & multiple alleles.
<b>PO 5</b>	Structural changes in chromosomes.
<b>PO 6</b>	Student can describe morphological & reproductive characters of plant and also

	identified different plant families and classification.
<b>PO 7</b>	They knows economic importance of various plant products & artificial methods of plant propagation
<b>PO 8</b>	Use modern Botanical techniques and decent equipments.
<b>PO 9</b>	To inculcates the scientific temperament in the students and outside the scientific community.

### Programmes Specific Outcomes (PSO's) B. Sc. Botany

<b>PSO 1</b>	Students acquire fundamental Botanical knowledge through theory and practical" s.
<b>PSO 2</b>	To explain basis plant of life, reproduction and their survival in nature.
<b>PSO 3</b>	Helped to understand role of living and fossil plants in our life.
<b>PSO 4</b>	Understand good laboratory practices and safety.
<b>PSO 5</b>	To create awareness about cultivation, conservation and sustainable utilization of biodiversity.
<b>PSO 6</b>	To know advance techniques in plant sciences like tissue culture,Phytoremediation, plant disease management, formulation of newherbal drugs etc.
<b>PSO 7</b>	Students able to start nursery, mushroom cultivation, biofertilizer production, fruit preservation and horticultural practices.

### Course Outcomes (CO's) B.Sc. BOTANY

	<b>Semester-III</b>
	<b>Course - BO. 331 Cryptogamic Botany</b>
<b>CO 1</b>	Study of cryptogams to understand their Diversity.
<b>CO 2</b>	Know the systematics, morphology and structure of algae, fungi, bryophytes, and Pteredophytes.
<b>CO 3</b>	Know life cycle pattern of cryptogams.
<b>CO 4</b>	Know economic importance of cryptogams.
<b>CO 5</b>	Know evolution of algae, fungi, bryophytes and Pteredophytes.
	<b>Course - BO.332 Cell &amp;Molecular Biology</b>
<b>CO 1</b>	Gain knowledge about cell and its function.
<b>CO 2</b>	Learn the scope and importance of molecular biology.
<b>CO 3</b>	Understand ultra-structure of cell wall, plasma membrane and cell organelles
<b>CO 4</b>	Understand the biochemistry of cell.
<b>CO 5</b>	Understand the biochemical nature of nucleic acid and their role in living systems.
	<b>Course - BO. 333 Geneticsand Evolution</b>
<b>CO 1</b>	Understand the Mendelian and neo Mendelian genetics.
<b>CO 2</b>	Know about interaction of genes, multiple alleles and linkage andcrossing over.
<b>CO 3</b>	Know about sex linked inheritance, chromosomal aberrations.
<b>CO 4</b>	Know the evolutionary sequence of various groups of plants
	<b>Course - BO.334 Spermatophytic and Palaeobotany</b>
<b>CO 1</b>	Systematic study of gymnosperms and angiosperms.
<b>CO 2</b>	Understand the morphological and reproductive character ofspermatophytic plants.
<b>CO 3</b>	Understand economic importance of gymnosperms andangiosperms.
<b>CO 4</b>	Understand the diversity among spermatophyte.
<b>CO 5</b>	To bring investigation of palaeobotanical study in India.
<b>CO 6</b>	Know, scope and application of Palaeobotany.
<b>CO 7</b>	Know types of fossils, geological time scale.

	<b>Course - BO.335 Horticulture &amp; Floriculture</b>
CO 1	Understand economic importance of plant and plant product.
CO 2	Know the methods of plant propagation.
CO 3	Understand the fruit & vegetables production technology.
CO 4	Understand the scope & importance of floriculture.
CO 5	Understand the methods of cultivation of different flowering plants.
	<b>Course - B0.336 Computational botany</b>
CO 1	Understand the scope & importance of biostatistics.
CO 2	Understand the scope and some basic commonly used terms like sampling, data, dispersion, population, central tendency etc.
CO 3	Knowledge to apply statistical analysis to biological data for testing different hypothesis.
	<b>Semester-IV</b>
	<b>Course - BO. 341 Plant Physiology &amp; Biochemistry.</b>
CO 1	Know scope and importance of plant physiology.
CO 2	Understand plant & water relation.
CO 3	Understand process of photosynthesis, C3, C4, CAM pathways.
CO 4	Understand the process of respiration, growth and developmental process in plant.
CO 5	Understand the biochemistry of cell.
CO 6	Understand the different biochemical reaction of biomolecules in plant cell.
	<b>Course -BO. 342 Plant Ecology And Biodiversity.</b>
CO 1	Know the biotic and abiotic components of ecosystem.
CO 2	Food chain & food web in ecosystem.
CO 3	Understand diversity among various groups of plant kingdom.
CO 4	Understand plant community & ecological adaptation in plants.
CO 5	Scope, importance and management of biodiversity.
	<b>Course – BO. 343 Plant Pathology.</b>
CO 1	Understand scope and importance of plant pathology.
CO 2	Know disease cycle and disease development.
CO 3	Know the effect of plant diseases on economy of crops.
CO 4	Know the methods of studying plant diseases.
CO 5	They can identify the plant diseases like bacterial, nematodal, and fungal.
CO 6	Know the disease forecasting.
CO 7	Know the prevention and control measures of plant diseases.
	<b>Course – BO. 344 Medical And Economic Botany</b>
CO 1	Understand scope and importance of pharmacognosy.
CO 2	Know the cultivation, collection, processing & importance of various herbal drugs.
CO 3	Understand the scope of economic botany.
CO 4	Know the botanical resources like non wood forest products.
CO 5	Understand the concept of Ayurvedic pharmacy.
	<b>Course – BO. 345 Plant Biotechnology</b>
CO 1	Understand the fundamental of recombinant DNA technology.
CO 2	Understand tissue culture techniques.
CO 3	Role of microbes in agriculture, medicine & industry.
CO 4	Know the fermentation technology.
CO 5	Understand the concept of bioinformatics, genomics & proteomics.
CO 6	Understand technical germplasm & cryopreservation.
	<b>Course – BO. 346 Plant Breeding &amp; Seed Technology.</b>
CO 1	Understand the scope & importance of plant breeding.
CO 2	Know the technique of production of new superior crop varieties.
CO 3	Know the about heterosis, hybrid vigor etc.

<b>CO 4</b>	Know the process of hybrid variety, development & their release.
<b>CO 5</b>	Know about seed germination, processing, production etc.

### Program Specific Outcomes B.Sc. ZOOLOGY

<b>PSO 1</b>	Demonstrated a broad understood of animal diversity, including knowledge of the scientific classification and evolutionary relationships of major groups of animals.
<b>PSO 2</b>	Study of salient features of chordates and non-chordates.
<b>PSO 3</b>	Improving the knowledge of animals about their special adaptations and evolutionary relationship.
<b>PSO 4</b>	Understood the applied zoology such as sericulture, Apiculture & aquaculture for their career opportunities.

### Course Outcomes (CO's) B.Sc. ZOOLOGY

	<b>B. Sc. I &amp; II ( Sem. I &amp; II) (Paper I) Animal Systematics &amp; Diversity- I, II,III &amp; IV</b>
<b>CO 1</b>	Understand the Animal diversity around us .
<b>CO 2</b>	Understand the underlying principles of classification of animals.
<b>CO 3</b>	Understand the terminology needed in classification.
<b>CO 4</b>	The student will be able to understand classify and identify the diversity of animals.
<b>CO 5</b>	The student knows his role in nature as a protector, preserver and promoter of life which he has achieved by learning, observing and understanding life.
	<b>B. Sc. I. ( Paper-II) CELL BIOLOGY AND GENETICS.</b>
<b>CO 1</b>	Understand the importance of cell as a structural and functional unit of life.
<b>CO 2</b>	Understands and compares between the prokaryotic and eukaryotic system and extrapolates the life to the aspect of development .
<b>CO 3</b>	The cellular mechanisms and its functioning depends on endo-membranes and structures. They are best studied with microscopy.
<b>CO 4</b>	Examine karyotypes and identify the effects of significant changes in chromosome number.
<b>CO 5</b>	Acquired knowledge skill development and observation of blood group identification.
<b>CO 6</b>	Identify the impact of Gregor Mendel on the field of genetics and apply Mendel's two laws of genetics.
	<b>B. Sc. II. ( Paper-II) Applied Zoology I &amp;II</b>
<b>CO 1</b>	Understand the fresh water, marine and estuarine fisheries.
<b>CO 2</b>	Understand the concepts of fishery, pest control, apiculture and sericulture.
<b>CO 3</b>	To aware the students and provides the economical importance of Apiculture.
<b>CO 4</b>	Compulsory visit to the Fish market and Apiry sites gives more knowledge to the students.

### Programmes Specific Outcomes (PSO's) BBA(CA)

Students who take admission to the program of B.B.A. are expected to acquire the following outcomes:-

<b>PSO 1</b>	To enlarge skilled manpower in the various areas of IT like DBMS, Software Development, Computer-Languages, Software engineering, Web based applications etc
<b>PSO 2</b>	To make employable IT personnel, that will have sound knowledge of IT and business fundamentals that can be applied to develop and customize solutions for SME.
<b>PSO 3</b>	To be trained in technologies & Programming languages, so the business problems could be solved.

<b>PSO 4</b>	Developed communication and business management skills, particularly in providing technical support.
<b>PSO 5</b>	Learn the basic concepts of Computers, Business environment and IT Applications in Business.
<b>PSO 6</b>	Develop ability of technical writing skills so as to enable the students to communicate business ideas to senior management and general public.
<b>PSO 7</b>	To recognize and improve their IT skills.
<b>PSO 8</b>	Effectively learn & analyze technical data to make conclusions.
<b>PSO 9</b>	To aware about ethics, values and sustainability in the corporate world.

### Course Outcomes (CO's) BBA.(C.A.)

	<b>F.Y.B.B.A.(C.A.) Modern Operating Environment &amp; MS Office</b>
<b>CO 1</b>	Learned regarding basic knowledge of computers
<b>CO 2</b>	Studied regarding Input and Output Devices
<b>CO 3</b>	Learned about MS Office
<b>CO 4</b>	Studied concept regarding Operating System, LAN, WAN.
	<b>F.Y.B.B.A.(C.A.) Financial Accounting</b>
<b>CO 1</b>	Helps students to acquire sound knowledge of basic concepts of accounting
<b>CO 2</b>	Gains basic accounting knowledge
<b>CO 3</b>	Impart the knowledge about recording of transactions and preparation of final accounts
<b>CO 4</b>	Acquaint the students about accounting software packages (Tally)
	<b>F.Y.B.B.A.(C.A.) Programming Principles &amp; Algorithms</b>
<b>CO 1</b>	It is the basic requirement of programming as students learn basics from Algorithms and Flowcharts etc.
<b>CO 2</b>	Students get the knowledge of developing algorithms which develops the logical talent of the students.
<b>CO 3</b>	Students get job as a programmer in a good organizations.
	<b>F.Y.B.B.A.(C.A.) Business Communication</b>
<b>CO 1</b>	Students will be able to know the concept, process and importance of communication skill.
<b>CO 2</b>	It helps to build up an integrative approach where reading, writing, presentation skills are used together
<b>CO 3</b>	This enhances the students' ability to communicate and write effectively.
<b>CO 4</b>	It helps to create awareness among students about Methods and Media of communication.
<b>CO 5</b>	This helps to create students familiar with information technology and improve job seeking skills.
	<b>F.Y.B.B.A.(C.A.) Principles of Management</b>
<b>CO 1</b>	Practice the process of management's & functions of Management & its utility in personal life.
<b>CO 2</b>	Evaluate leadership styles to anticipate the consequences of each leadership style.
<b>CO 3</b>	Understand the working of business organization.
<b>CO 4</b>	Recent trends in Management.
	<b>F.Y.B.B.A.(C.A.) Procedure Oriented Programming Using C</b>
<b>CO 1</b>	To Study how to use programming in real time Applications
<b>CO 2</b>	Develop the problem solving capability
<b>CO 3</b>	Learned and develop well-structured programs using C language
	<b>F.Y.B.B.A.(C.A.) Database Management System</b>
<b>CO 1</b>	To understand the file structure and file organization.
<b>CO 2</b>	An introduction regarding of Database management system

CO 3	Database management system helps student to learn different types of data models.
CO 4	Students get knowledge about designing relational database.
	<b>F.Y.B.B.A.(C.A.) Organizational Behavior</b>
CO 1	Helps the students to understand the impact that individual, group & structures have on their behavior within the organizations.
CO 2	Enhance and apply the knowledge they have received for the betterment of the organization.
CO 3	Helps in understanding the basics related to individual behavior and its impact on their performance
	<b>F.Y.B.B.A.(C.A.) Computer Application in Statistics</b>
CO 1	To know the ability of excel spreadsheet in computing summary statistics.
CO 2	To learn the concepts of different measures of central tendency and variation and their importance in business.
CO 3	To study the concept and applications of probability, probability distributions in real life situations.
CO 4	To learn simulations in business world and decision making.
	<b>F.Y.B.B.A.(C.A.) E-Commerce Concepts</b>
CO 1	Studied about concepts of E-Commerce, E-com application, Website and hosting website domain name.
CO 2	Electronic fund transfer and e-cash ,paper less bill concepts studied
CO 3	Studied about intranet ,extranet and internet
CO 4	Learned security in e- com- encryption types.
	<b>S.Y.B.B.A.(C.A.) Relational Database Management System</b>
CO 1	Students get the knowledge of Relational Database concepts which is the basic requirements of every organization.
CO 2	Students get job as a Database Administrator in good organizations.
CO 3	Students can go for certification too which helps to get good opportunity in their carrier.
	<b>S.Y.B.B.A.(C.A.) Data Structure using C</b>
CO 1	Students get the understanding of Programming..
CO 2	Students get opportunity as a Programmer in organizations.
CO 3	Data Structures using C subject is the fundamental requirement of every organization
	<b>S.Y.B.B.A.(C.A.) Operating System Concepts</b>
CO 1	To study system programming
CO 2	Helps to learn facilities provided by operating system
CO 3	To study Scheduling concept and scheduling algorithm
CO 4	Helps to know deadlock detection, prevention, avoidance
CO 5	To study memory management in operating systems
	<b>S.Y.B.B.A.(C.A.) Business Mathematics</b>
CO 1	Students learned basics of fundamental maths & Its Use.
CO 2	Studied business problems how it solve by use of maths.
CO 3	Studied matrices and determinants & is Utility.
CO 4	Learned the concept of LPP and transportation problem for Maximum profit & Minimum Transportation cost.
CO 5	To study the ratio & Proportion its Utility.
	<b>S.Y.B.B.A.(C.A.) Software Engineering</b>
CO 1	Students are well-informed of the values, professionalism, and cultural variety in the work environment.
CO 2	Students can prepare and publish the necessary documents required throughout the SDLC.
CO 3	Students can efficiently contribute to project discussions, presentations, and

	reviews.
<b>CO 4</b>	Develops Problem solving ability
<b>CO 5</b>	Develops Team work skills.
	<b>S.Y.B.B.A.(C.A.) Object Oriented Programming using C++</b>
<b>CO 1</b>	To Study basic OOPs.
<b>CO 2</b>	To write C++ programs that use OOPs concept such information hiding, constructors, destructors
<b>CO 3</b>	To study Inheritance, Polymorphism and its implementation in programming
<b>CO 4</b>	Basic study of pattern and Exception handling
	<b>S.Y.B.B.A.(C.A.) Programming in Visual Basic</b>
<b>CO 1</b>	Students studied about event driven programming
<b>CO 2</b>	Learned about MDI forms and implementation in projects
<b>CO 3</b>	Understood different ActiveX controls
<b>CO 4</b>	Learned Connectivity and data report in VB
	<b>S.Y.B.B.A.(C.A.) Computer Networking</b>
<b>CO 1</b>	Students can get the opportunity as a Network Administrator in any organization.
<b>CO 2</b>	This subject has wide scope in every MNC's as Networking is required everywhere.
<b>CO 3</b>	Students can get Certifications like CCNA which helps to get better opportunities in M.N.C's.
	<b>S.Y.B.B.A.(C.A.) Enterprise Resource Planning</b>
<b>CO 1</b>	Through ERP students learned how to deal with ERP
<b>CO 2</b>	How to deal with DBMS
<b>CO 3</b>	Students learned about Client-Server Architecture
<b>CO 4</b>	Linkages of various Organizations
	<b>S.Y.B.B.A.(C.A.) Human Resource Management</b>
	This explain the students with the Human Resource Management its different functions in an organization and the Human Resource Processes that are concerned with planning, motivating and developing suitable employees for the benefit of the organization.
	<b>T.Y.B.B.A.(C.A.) Java Programming</b>
<b>CO 1</b>	Student learned basic concepts of java programming
<b>CO 2</b>	Studied the concept of class and objects, and basic concept of OOPs.
<b>CO 3</b>	Studied how to work with the file handling
<b>CO 4</b>	Understood the concept of Frame and related functions.
	<b>T.Y.B.B.A.(C.A.) Web Technologies</b>
<b>CO 1</b>	Give students the fundamental understanding of how to work in the Web world from the technology point of view as well as to give the basic overview of the different technologies.
<b>CO 2</b>	Understand how to develop web applications.
<b>CO 3</b>	Students are able to develop a dynamic websites.
	<b>T.Y.B.B.A.(C.A.) Dot Net Programming</b>
<b>CO 1</b>	It introduce visual programming and event driven programming practically
<b>CO 2</b>	Students learne about Architecture of ADO.Net
<b>CO 3</b>	It helps student to understand object oriented programming in VB.NET
<b>CO 4</b>	To increase applications development skills of the students
	<b>T.Y.B.B.A.(C.A.) Object Oriented Software Engineering</b>
<b>CO 1</b>	This subject helps students to get job as a Tester in software company.
<b>CO 2</b>	Students will learn the concept of software engineering in object oriented approach.
<b>CO 3</b>	This subject has large scope in every MNC's.
	<b>T.Y.B.B.A.(C.A.) Advanced Web Technology</b>
<b>CO 1</b>	It give students the basic understanding of how things work in the Web world from the technology point of view as well as to give the basic overview of the web

	technologies.
<b>CO 2</b>	To understand the concepts of XML , AJAX and database connection.
<b>CO 3</b>	Students are able to build up a dynamic web pages.
	<b>T.Y.B.B.A.(C.A.) Advance Java</b>
<b>CO 1</b>	Understood the detailed knowledge of Threads and Multithreading
<b>CO 2</b>	Learned the basic concept of Java Database
<b>CO 3</b>	Learned the concepts of Servlet and JSP and how to deal with the client and server on web applications
<b>CO 4</b>	Understood the concepts of Socket Programming in java and concept like IP address , Data Input and Output Stream.
	<b>T.Y.B.B.A.(C.A.) Recent Trends in IT</b>
<b>CO 1</b>	This subject assists students to get awareness of recent trends in Information Technology.
<b>CO 2</b>	Students can learn the concept of Network Security, Cloud Computing etc, which helps students to get opportunity as a developer or network administrator in companies.
	<b>T.Y.B.B.A.(C.A.) Software Testing</b>
<b>CO 1</b>	This subject helps students to get job as a Tester in software company.
<b>CO 2</b>	This subject have wide scope in every MNC's as Testing process is required from the starting of every project.
<b>CO 3</b>	Manual and Automation Testing both covers here, students can go for Certifications also which helps to get better opportunities in M.N.C's.

### Programmes Specific Outcomes (PSO's) BBA

Students who take admission to the program of B.B.A. are expected to acquire the following outcomes:-

<b>PSO 1</b>	Acquire Knowledge of management and practices to solve business problems.
<b>PSO 2</b>	Acquire professional skills and develop analytical skills for data based decision making.
<b>PSO 3</b>	Ability to understand and development of important business skills such as leadership, communication skills, critical thinking and decision making.
<b>PSO 4</b>	Buildup self confidence and competency to take up self employable business ventures.
	Develop Entrepreneurship skills.

### Course Outcomes (CO's) BBA

	<b>F.Y.B.B.A. SEM I Business Organization and Systems (101)</b>
<b>CO 1</b>	It helps to make the awareness about various activities of business, business practices and recent trends in business world.
<b>CO 2</b>	It helps to understand the challenges before the businesses and setting up of a business enterprise.
<b>CO 3</b>	To develop the spirit of entrepreneurship among the students.
	<b>F.Y.B.B .A. SEM I Business Communication Skills (102)</b>
<b>CO 1</b>	Students will be able to know the concept, process and importance of communication skill.
<b>CO 2</b>	It helps to build up an integrative approach where reading, writing, presentation skills are used together
<b>CO 3</b>	This enhances the students' ability to communicate and write effectively.
<b>CO 4</b>	It helps to create awareness among students about Methods and Media of communication.
<b>CO 5</b>	This helps to create students familiar with information technology and improve job



	seeking skills
	<b>F.Y.B.B.A. SEM I Business Accounting(103)</b>
CO 1	Financial accounting gives the student a theoretical understanding or how accounting principles work within business content.
CO 2	Along with theoretical knowledge students even get practical experience.
CO 3	Accounting help the students to understands basic principles, rules and how to prepare the financial data of the particular the firm.
	<b>F.Y.B.B.A. SEM I Business Economics (Micro)(104)</b>
CO 1	It helps to understand students to basic micro economic concepts.
CO 2	It applies economic analysis in the formulation of business policies.
CO 3	It uses economic reasoning to problems of business.
	<b>F.Y.B.B.A. SEM I Business Mathematics(105)</b>
CO 1	Students learned basics of fundamental maths & Its Use.
CO 2	Studied business problems how it solves by use of maths.
CO 3	Studied matrices and determinants & is Use.
CO 4	Learned the concept of LPP and transportation problem.
	<b>F.Y.B.B.A. SEM I Business Demography &amp; Environmental Studies(106)</b>
CO 1	Understanding environmental concerns by the students at the undergraduate level.
CO 2	Understanding the relationship of man with the environment.
CO 3	Understand the importance of demographic study for Business & Commerce
	<b>FYBBA SEM II Principles of Management(201)</b>
CO 1	Practice the process of management's & functions of Management & its utility in human life.
CO 2	Evaluate leadership styles to anticipate the consequences of each leadership style
CO 3	Understand the working of business organization
	<b>FYBBA SEM II Principles of Marketing(202)</b>
CO 1	It helps to introduce and familiarize the student's basic concepts of marketing and it's general nature, scope and importance.
CO 2	This informs appropriate knowledge and understanding of its primary functions and applications and its gradual evolution and development.
CO 3	This assist to develop basic and essential skills related to marketing.
CO 4	This helps to provide a learning platform for preparing students for marketing employability opportunities essential for industries.
	<b>FYBBA SEM II Principles of Finance(203)</b>
CO 1	Students will be able to know nature, importance, structure of finance related areas.
CO 2	This helps to acquire knowledge regarding sources of finance for a business.
	<b>FYBBA SEM II Basics Cost Accounting(204)</b>
CO 1	It is a process of accounting for costs.
CO 2	It records income and expenditure relating to production of goods and services
CO 3	It provides statistical data on the basis of which future estimates are prepared and quotations are submitted.
CO 4	It is concerned with cost ascertainment, cost control and cost reduction.
CO 5	It establishes budgets and standards so that actual cost may be compared to find out deviations or variances.
CO 6	It involves the presentation of right information to the right person at the right time so that it may be helpful to management for planning, evaluation of performance, control and decision making.
	<b>FYBBA SEM II Business Statistics(205)</b>
CO 1	The study of Statistical techniques helps to enhance analytical techniques.
CO 2	The study of Statistical techniques will helps to apply statistical techniques for business organization.

CO 3	The study of Statistical techniques will help to find errors and making decisions for business growing
<b>FYBBA SEM II Business Informatics(206)</b>	
CO 1	To know the basics of Computer
CO 2	To understand the basics of networking
CO 3	To know the basics of internet
CO 4	To know the basics of databases
<b>SYBBA SEM III SYBBA SEM III Personality Development (301)</b>	
CO 1	Improve the student confidence level.
CO 2	Increase Communication skills, Motivation, Maximize Strength& Minimize Weakness.
CO 3	Assertiveness Attitude of student.
CO 4	Optimism Positivity and Happiness.
<b>SYBBA SEM III Business Ethics (302)</b>	
CO 1	Promote understanding of the importance, for business and the community, of ethical conduct.
CO 2	Provide the skills with which to recognize and resolve ethical issues in business.
CO 3	Enhance awareness and critical self-examination of one's own values, and to appreciate the relevance of personal values in the business/workplace setting.
CO 4	Encourage reflection on the ethical dimension of your own decision-making in workplace and other settings.
<b>SYBBA SEM III Human Resource Management &amp;OB (303)</b>	
CO 1	HRM helps to understand the Humane Resource role & Responsibility, condition in the organization.
CO 2	HRM helps to understand human resource policies in the organization
CO 3	HRM is the lifeblood of every Company flows by utilizing the human resources.
CO 4	HRM tells us how to deal with HR in recent manner.
<b>SYBBA SEM III Management Accounting(304)</b>	
CO 1	To acquire basic knowledge of Management Accounting.
CO 2	It helps to familiar terms with the implications of various financial ratios in decision making.
CO 3	To learn the significance of working capital in business.
CO 4	To understand the concept of budgetary control and its application in business.
CO 5	To build up the calculating ability of various techniques of management accounting.
<b>SYBBA SEM III Business Economics (Macro)(305)</b>	
CO 1	This helps to study the behavior of working of the economy as a whole.
CO 2	This will develop an analytical framework to understand the inter-linkages among the crucial macro economic variables.
CO 3	This will apply economic reasoning to problems of business and public policy.
<b>SYBBA SEM III IT in Management(306)</b>	
CO 1	To understand the role of IT in Management.
CO 2	To be aware of the basics of operating systems.
CO 3	To know the current happenings.
<b>SYBBA SEM IV Production and Operation Management (401)</b>	
CO 1	Identify the customer needs and convert that into a specific product or service (numbers of products required for specific period of time)
CO 2	Based on product requirement do back-ward working to identify raw material requirements
CO 3	Engage internal and external vendors to create supply chain for raw material and finished goods between vendor → production facility → customers.
<b>SYBBA SEM IV Industrial Relations and Labor Law(402)</b>	

CO 1	This informs the students with the knowledge about complexities between labour and management relationships
CO 2	This help to make the students aware about mechanisms of Industrial Dispute and friendly interventions to deal with employee-employer problems.
CO 3	This help to communicate the students with the knowledge of laws & how law affects the industry & labor.
<b>SYBBA SEM IV Business Taxation(403)</b>	
CO 1	To understand the basic concepts and definitions under the Income Tax Act, 1961.
CO 2	To Acquire knowledge about Computation of Income under different heads of Income of Income Tax Act, 1961.
CO 3	To acquire knowledge about the submission of Income Tax Return, Advance Tax, Tax deducted at Source, Tax Collection Authorities.
CO 4	To develop ability to Competent enough to take up to employment in Tax planner.
CO 5	To develop ability to calculate taxable income of firms, co-operative societies and charitable trust
<b>SYBBA SEM IV International Business(404)</b>	
CO 1	International business helps to understand the EXIM Policy in India.
CO 2	To Study Various Theory of International Business.
CO 3	International business helps to know the contribution done towards country's Economic development.
CO 4	International business helps to understand the domestic and foreign market conditions.
<b>SYBBA SEM IV Management Information System(405)</b>	
CO 1	Management Information System is always management oriented and keeps in view every level of management and gets the desired information.
CO 2	Integrated – refers to how different components (sub systems) are actually tied up together. eg: different departments of organization linked together.
CO 3	Useful for planning – as every organization makes long-term and short-term plans with the help of information like sales & production, capital investments, stocks etc management can easily plan.
CO 4	Effective Management Information System helps the management to know deviations of actual performance from pre-set targets and control things.
CO 5	It's important for increasing efficiency.
CO 6	MIS provides updated results of various departments to management.
CO 7	MIS is highly computerized so it provides accurate results.
<b>SYBBA SEM IV Business Exposure(406)</b>	
CO 1	To develop the understanding of the student with a realistic and practical perception of the industry its layout, procedures, processes, organization structure
CO 2	To determine the effective strategies of project management that can lead to better decision making
CO 3	To understand the concept of Plant layout and its implications
<b>TYBBA SEM V Supply chain and Logistics Management(501)</b>	
CO 1	To understand the fundamental concepts in Materials and Logistics Management.
CO 2	To familiarize with the issues in core functions in materials and logistics management
<b>TYBBA SEM V Entrepreneurships Development(502)</b>	
CO 1	Entrepreneurship Development involves a wide range of training and experience and designed to prepare students for starting and managing their own business.
CO 2	This is the subject which teach the students how to start their own business what quality should entrepreneur have what are the government schemes provided by small industries.
CO 3	It helps to get detail knowledge about the business plans and other things.

	<b>TYBBA SEM V Business Law(503)</b>
<b>CO 1</b>	This help to understand basic legal terms and concepts used in law pertaining to business.
<b>CO 2</b>	This know applicability of legal principles to situations in Business world by Referring to few decided leading cases.
	<b>TYBBA SEM V Research Methodology(504)</b>
<b>CO 1</b>	To understand the basic concept of research process and tools for the same.
<b>CO 2</b>	To acquire knowledge of the tools and techniques necessary for research and report writing.
	<b>TYBBA SEM V Specialization - Human Resource Management Human Resource Management Principles and Functions</b>
<b>CO 1</b>	This bring in the concept, principles and practices of H.R.M. to the students
	<b>TYBBA SEM V Human Resource Practices</b>
<b>CO 1</b>	This assist to make known the students with it & practices
	<b>TYBBA SEM V Specialization - Marketing Management</b>
	<b>Sales Management</b>
<b>CO 1</b>	To understand fundamental concept of the processes and skills necessary to be successful in personal selling and insights about recent trends in sales management.
<b>CO 2</b>	To understand fundamental concept of the tools and techniques necessary to effectively manage the sales function - organization - sales individual
<b>CO 3</b>	To develop advanced skills in the areas of interpersonal communications, Motivational techniques
	<b>TYBBA SEM V Retail Management</b>
<b>CO 1</b>	To provide insights into all functional areas of retailing.
<b>CO 2</b>	To give a perspective of the Indian retail scenario.
<b>CO 3</b>	To identify the paradigm shifts in retailing business with increasing scope of technology and e-business.
	<b>TYBBA SEM VI Business Planning and Project Management(601)</b>
<b>CO 1</b>	develop plans with relevant people to achieve the project's goals
<b>CO 2</b>	break work down into tasks and determine handover procedures
<b>CO 3</b>	identify links and dependencies, and schedule to achieve deliverables
<b>CO 4</b>	estimate and cost the human and physical resources required, and make plans to obtain the necessary resources
<b>CO 5</b>	allocate roles with clear lines of responsibility and accountability
	<b>TYBBA SEM VI Event Management(602)</b>
<b>CO 1</b>	This explains the students with concepts, issues and various aspects of event management.
	<b>TYBBA SEM VI Management Control System(603)</b>
<b>CO 1</b>	To acquire knowledge of the function of management control, its nature, functional areas, and techniques.
	<b>TYBBA SEM VI Ecommerce(604)</b>
<b>CO 1</b>	The study of E-commerce helps to study different aspect of e-commerce.
<b>CO 2</b>	The study of E-commerce helps to understand different modes of payments.
<b>CO 3</b>	The study of E-commerce helps to understand different modes of payments.
<b>CO 4</b>	The study of E-commerce helps to understand how to use electronic media for business.
<b>CO 5</b>	The study of E-commerce helps to gives brief introduction about tally and other business oriented packages.
	<b>TYBBA SEM VI Specialization - Human Resource Management Labor Laws</b>
<b>CO 1</b>	This tell the students with important legal provisions governing the industrial Employees

	<b>TYBBA SEM VI Cases in Human Resource Management / Project</b>
<b>CO 1</b>	This appreciate of application of theory into practice
	<b>TYBBA SEM VI Specialization - Marketing Management Advertising and Sales Promotion</b>
<b>CO 1</b>	To enlarge knowledge and understanding of importance and functions of Advertising.
<b>CO 2</b>	To be aware of Key features of Sales Promotion
	<b>TYBBA SEM VI Cases in Marketing Management / Project</b>
<b>CO 1</b>	To Learn the application of theory into practice

### **PROGRAM OUTCOME OF B.VOC (BACHELOR OF VOCATION COURSE)**

Student seeking admissions for B.Voc, Food processing. programme are expected to imbue with following quality which helps them in their future life to achieve the expected goals.

- Provide vertical mobility to students coming out of (a) 10 +2 of any stream
- Sense of social service in rural area
- Responsible and dutiful citizen.
- Ability to Creative & independent and lifelong learning.
- Understand Business oriented thinking.
- Learn effective communication skill and food safety
- Understand environment and sustainability

### **Program Specific Outcomes B.Voc Food processing (Dairy Milk)**

<b>PSO 1</b>	Value addition and improved marketing to provide better price to the farmers.
<b>PSO 2</b>	Innovation, research and development for the cost effective production.
<b>PSO 3</b>	Provide better service at farmer's door step.
<b>PSO 4</b>	Awareness with Food Safety and Standard Act 2006.

### **Course Outcomes (CO's) B.Voc Food processing (Dairy Milk)**

	<b>B.Voc ( Sem. I) (Paper I)-CELL BIOLOGY</b>
<b>CO 1</b>	Understand the importance of cell as a structural and functional unit of life.
<b>CO 2</b>	Understands and compares between the prokaryotic and eukaryotic system and extrapolates the life to the aspect of development
<b>CO 3</b>	The cellular mechanisms and its functioning depends on endo-membranes and structures. They are best studied with microscopy
	<b>B.Voc ( Sem. I) (Paper II)- GENETICS</b>
<b>CO 1</b>	Examine karyotypes and identify the effects of significant changes in chromosome number
<b>CO 2</b>	Acquired knowledge skill development and observation of blood group identification.
<b>CO 3</b>	Identify the impact of Gregor Mendel on the field of genetics and apply Mendel's two laws of genetics.
	<b>B.Voc ( Sem. I) (Paper IV)-MICROBIOLOGY</b>
<b>CO 1</b>	To provide instruction in the general principles of food microbiology. It is assumed that students have received adequate introduction to microbiology
<b>CO 2</b>	To educate majors in a variety of important microbiological disciplines, as well as to promote and develop skills and competencies that have enduring value beyond the classroom
<b>CO 3</b>	The course covers the biology and epidemiology of food borne microorganisms of public health significance, including bacteria, yeasts, fungi, protozoa and viruses,

	and food spoilage microorganisms
<b>CO 4</b>	The microbiology of food preservation and food commodities, fermented and microbial foods, principles and methods for the microbiological examination of food.
	<b>B.Voc ( Sem. I) (Paper I)- DAIRY TECHNOLOGY</b>
<b>CO 1</b>	To develop Dairy industries in State Maharashtra.
<b>CO 2</b>	To provide increase financial condition of rural people by providing different techniques of cattle rearing and making new different byproduct of milk.
<b>CO 3</b>	Awareness of people about organic farming.
	<b>B.Voc ( Sem. II) (Paper I)- ENVIRONMENTAL SCIENCE</b>
<b>CO 1</b>	To understand key concepts from economic, political and social analysis as they pertain to design and evolution of environmental policies and institutions.
<b>CO 2</b>	Appreciate concepts and methods from ecological and physical sciences and their application in environmental problem –solving.
<b>CO 3</b>	Understand the complex relationships between natural and human system.
	<b>B.Voc ( Sem. II) (Paper II&amp;III ) – BAKERY AND CONFECTIONARY</b>
<b>CO 1</b>	Demonstrate the knowledge of bakery, confectionery and convenience foods.
<b>CO 2</b>	Demonstrate skill involved in production of various baked products.
<b>CO 3</b>	Understand about the machinery involved in manufacture of these products.

#### Courses Outcomes (CO's) B.Sc – ( Physics)

	<b>F.Y.B.Sc. Paper II Physics( Mechanics &amp; properties of matter.)</b>
<b>CO 1</b>	Different types of motions in nature
<b>CO 2</b>	Study of work and energy in daily life
<b>CO 3</b>	Various elastic constants and property of elasticity
<b>CO 4</b>	Surface tension and its applications
	<b>S.Y.B.Sc. Paper II Physics( Electronics</b>
<b>CO 1</b>	Different types of Semiconductor Devices
<b>CO 2</b>	Study and uses of Semiconductor Devices in Human Life.
<b>CO 3</b>	Study of Amplifiers using in daily life
<b>CO 4</b>	Study of Digital Electronics and their applications

#### Program Outcomes of BACHELOR OF COMMERCE (B.COM)

Students who have taken admission to this program of B.Com are expected to concentrate upon the following outcomes.

- a. Commercial sense.
- b. Develop managerial skills.
- c. Entrepreneurial skill.
- d. Budgeting policy.
- e. Human Resources Management.
- f. Develop Numerical ability.
- i. Well versed with business regularity framework.

### Program Specific Outcomes(PSO's) B.COM

<b>PSO 1</b>	Understanding basic concepts of accountancy, principles of accountancy and accounting cycle to maintain accounts of trading & non-trading organizations.
<b>PSO 2</b>	Getting acquainted with the procedure of preparation of income statements, retained earnings, balance sheet and statement of cash flows which are required for external users and more useful to managers for managerial decision making.
<b>PSO 3</b>	Inculcating different skills for analysis and interpretation of financial data to understand financial health of an organization and ensure that resources are being used to achieve the organizations objectives.
<b>PSO 4</b>	Developing knowledge about cost ascertainment and fixation of selling price and cost control.
<b>PSO 5</b>	Obtaining the knowledge of various provisions of Income Tax Act and their applications in computations of taxable income of an individual under different heads of income
<b>PSO 6</b>	Getting working knowledge of generally accepted auditing procedure, techniques and skills.

### Course Outcomes (CO's) B.COM

	<b>B.Com- I English for Business Communication</b>
<b>CO 1</b>	Spoken communication and written communication.
<b>CO 2</b>	Writing of Resume, letters of application, business letters.
<b>CO 3</b>	Writing News-report, Essay, paragraph,, Review, etc.
<b>CO 4</b>	Narration of experience, daily routine.
<b>CO 5</b>	Interview Techniques.
<b>CO 6</b>	Understanding and interpretation of poem, prose, essay, short stories, etc.
	<b>B.Com- I Marathi</b>
<b>CO 1</b>	Illustrating the nature of short story.
<b>CO 2</b>	Explaining the nature of characterization, literate and philosophical writings.
<b>CO 3</b>	Illustrating one-act-play, travelogue and autobiography as the forms of literature.
<b>CO 4</b>	Illustrating the general skills and usages of Marathi in day-to-day life.
	<b>B.Com- I Business Economics</b>
<b>CO 1</b>	Understanding the link between business economics and business decision.
<b>CO 2</b>	Realizing the importance of demand forecasting and method of demand forecasting.
<b>CO 3</b>	Justifying the demand function and production function.
<b>CO 4</b>	Evaluating various production theories.
<b>CO 5</b>	Clarifying the meaning of Marginal, average, total revenue, and Marginal, average and total cost and its implication.
<b>CO 6</b>	Understanding different markets structure in marketing system
	<b>B.Com- I Principal of Business management</b>
<b>CO 1</b>	To understand concept and thought of management.
<b>CO 2</b>	To know about nature and importance of planning.
<b>CO 3</b>	To develop organization skills.
<b>CO 4</b>	To understand concept and importance of direction.
<b>CO 5</b>	To know the technique of control.
<b>CO 6</b>	Supporting to Achieve Group Goals.
<b>CO 7</b>	Knowledge about motivating employees by providing financial and non-financial incentives.
<b>CO 8</b>	Evaluating the economic growth and development of an organization.
<b>CO 9</b>	Understanding the relation between individuals, groups, departments and between

	levels of management.
<b>CO 10</b>	Comprehending the human resource productivity.
	<b>B. Com. I Computer Fundamental and Operating System</b>
<b>CO 1</b>	To know about History of Computer.
<b>CO 2</b>	To understand primary and secondary storage devices.
<b>CO 3</b>	To know about single user and multiuser operating system.
<b>CO 4</b>	To inform about Microsoft Word programme.
<b>CO 5</b>	To know about the M.S. Power Point.
	<b>B. Com.- I Financial Accounting</b>
<b>CO 1</b>	To understand the concept of financial accounts.
<b>CO 2</b>	Exposure the nature and advantage of accounting, Accounting concepts and conventions.
<b>CO 3</b>	To know accounting standard in India.
<b>CO 4</b>	Obtain the knowledge of computerize accounting.
<b>CO 5</b>	To know about accounting procedure of partnership firm. Accounts of professionals, single entry system, branch accounts and consignment accounts.
	<b>B. Com.- I Principle of Marketing</b>
<b>CO 1</b>	Enhancing the skill of marketing among students.
<b>CO 2</b>	Providing different techniques of marketing for increase of sales.
<b>CO 3</b>	Creating the sense how to behave in the market while buying or selling of product.
<b>CO 4</b>	Understanding how to undertake crucial task such as competition analysis, production etc.
<b>CO 5</b>	Providing information about buying pattern and different attitudes of consumers.
	<b>Money and Financial System -B. Com. II</b>
<b>CO 1</b>	To understand meaning and function of Money.
<b>CO 2</b>	To know about Indian Money Market.
<b>CO 3</b>	To understand Indian Financial system.
<b>CO 4</b>	To know commercial bank and its function.
<b>CO 5</b>	To understand function of RBI
	<b>Income Tax and Auditing -B. Com. II</b>
<b>CO 1</b>	To understand the basic concept of Income Tax.
<b>CO 2</b>	To know about income from salaries head.
<b>CO 3</b>	Acquire knowledge about the Tax management.
<b>CO 4</b>	To understand meaning, objective and advantages of auditing.
<b>CO 5</b>	To know about Power, duties and liabilities of company auditors To know about special auditor.
	<b>Corporate Accounting -B. Com. II</b>
<b>CO 1</b>	To know about shares and accounting entries regarding issue of shares
<b>CO 2</b>	To know the real position of assets and liabilities at the end of financial year.
<b>CO 3</b>	Analyze the good will and shares valuation.
<b>CO 4</b>	To know about companies amalgamation and absorption.
<b>CO 5</b>	To know meaning of fund, fund flow and rules of fund flow statement.
	<b>Business Mathematics and Statistics -B. Com. II</b>
<b>CO 1</b>	To calculate Simple and Compound Interest.
<b>CO 2</b>	To understand about tabulation and presentation of Statistical data.
<b>CO 3</b>	To calculate Central tendency and their measures.
<b>CO 4</b>	To understand concept of absolute and relative measures of dispersion



CO 5	To know the concept of Co-relation and interpolation.
	<b>Information Technology and Business data processing -B. Com. II</b>
CO 1	To understand the basic concept of Information technology.
CO 2	To know about advantages and disadvantages of data base.
CO 3	To understand about Microsoft Excel.
CO 4	Acquire knowledge about computerize accounting and taxation.
CO 5	To know about ledgers, vouchers and entries for tally.
	<b>Cost Management Accounting-B. Com. III</b>
CO 1	To understand meaning, nature and scope of cost accounting.
CO 2	To know about accounting overheads.
CO 3	To understand reconciliation and process costing.
CO 4	To know about ratio analysis and breakeven point concept.
CO 5	To know about budget and budgetary control.
	<b>Business Environment -B. Com. III</b>
CO 1	To understand basic concept of business environment.
CO 2	To know about problem development in India.
CO 3	To know about role of government in development policy.
CO 4	Acquire knowledge about planning in India.
CO 5	To understand International Business environment.
	<b>Business Regulatory Frame Work and Company Law. -B. Com. III</b>
CO 1	To understand basic knowledge about Indian Contract Act 1872.
CO 2	To know about consumer protection act 1986 and right to Information act 2005
CO 3	To know about the basic knowledge of sale of goods act 1930.
CO 4	To understand the meaning, kinds and classification of Company.
CO 5	To know about share capital transaction and company meeting.
	<b>Internet and World wide Web-B. Com. III</b>
CO 1	To understand basic information about mechanism of the internet.
CO 2	To know about internet enabled services.
CO 3	Acquire knowledge about designing webpage.
CO 4	To know about web browsing.
CO 5	Acquire basic knowledge about search engine.
	<b>Essentials of E- Commerce. -B. Com. III</b>
CO 1	To understand the basic information about e- commerce.
CO 2	To know about online shopping.
CO 3	To know how to create online business.
CO 4	To understand applications internet in governance.
CO 5	To know about the emerging business models.
	<b>B. Com.II English for Business Communication</b>
CO 1	Spoken communication and written communication.
CO 2	Writing of Resume, letters of application, business letters .
CO 3	Writing News-report, Essay, paragraph,, Review, etc.
CO 4	Narration of experience, daily routine.
CO 5	Interview Techniques.
	<b>B. Com.IICorporate Accounting</b>
CO 1	Exposure to the issue of shares and debentures of the company
CO 2	Attainment of knowledge about accounting procedure of company final account.

CO 3	Understanding the accounting procedure amalgamation and absorption of company
CO 4	Ability to get the knowledge about valuation of shares.
CO 5	Understanding the accounts procedure of liquidation of Ltd. company.
	<b>B. Com.IIBusiness Economics</b>
CO 1	Understanding the basic concepts and theories of Macro economics.
CO 2	Awareness about changing macro economics policies and theories.
CO 3	Justifying various concepts such as; GDP, GNP NNP, Personal Income, Disposable Income, Per Capita Income, and National Income.
CO 4	Explanation of the factors determining gross domestic product, employment, the general level of prices, and interest rates.
CO 5	Acquaintance with law of markets, consumption function and investment function.
CO 6	Understanding monetary policy of Central Banks and its implications.
	<b>B. Com.IIMoney and Financial System</b>
CO 1	Understanding the nature, functions and issues related to money, banking and non banking financial intermediaries and financial system.
CO 2	Knowing about changing role of banking and financial intermediaries in the process of growth & development.
CO 3	Realization of the term structure, role and functions of RBI, NBFIs, Development Banks, Commercial Banks, Money Market, Capital Market and Forex Market.
CO 4	Getting knowledge about changing paradigms in Indian Banking (E-Banking, Mobile Banking Tele Banking, Core Banking – Retail Banking - ATM, Credit Card and Debit card, Kisan card).
	<b>B. Com.IIFundamentals of Entrepreneurship</b>
CO 1	Motivating to acquire the skill to be an Entrepreneur
CO 2	Creating Entrepreneurial skill among the students.
CO 3	Creating awareness among students about self employment/ own business.
CO 4	Providing various innovative business ideas to the society.
CO 5	Developing a skill of stability in the business at critical situation.
	<b>B. Com.IIBusiness statistics</b>
CO 1	Making familiar with statistical tools which are relatively used in business.
CO 2	Imparting the ability to collect present, analyze and interpret data.
CO 3	Ability to predict trend values by using list square methods in regression.
	<b>B. Com.IIEnvironmental Studies</b>
CO 1	Understanding environmental concerns by the students at the undergraduate level.
CO 2	Understanding the relationship of man with the environment and help them change his attitude for more positive, proactive, eco-friendly and sustainable lifestyles.
CO 3	Getting information about climate change, Global warming, Acid rain, Green house effect, Ozone, layer depletion.
CO 4	Cultivating attitudes to safeguard the environment built particularly with field experience.
CO 5	Realization of the impact of human actions on the immediate environment and the linkage with the larger issues.
CO 6	Getting information about Environment Protection Acts.
	<b>B. Com. III Modern Management Practices</b>
CO 1	Knowing about the growing size and complexity of business.
CO 2	Getting known with good working environment and conditions.
CO 3	Explanation about how to reduce wastage and increase efficiency.
CO 4	Importance of research and development.
CO 5	Knowledge about cut throat competition in the market.
CO 6	Acquaintance with the modern management practices being used by the corporate world.
	<b>B. Com. III Business Regularity Framework</b>

CO 1	Introduction to Business Law as well as other Laws.
CO 2	Achieving the knowledge of Law.
CO 3	Knowing the rights and liability of every citizen regarding society.
CO 4	Awareness of legal liability.
CO 5	Welfare of society
CO 6	Creating legal awareness among the students.
CO 7	Acquainting with the latest laws, governing business and commercial transactions.
	<b>B. Com. III Business Environment</b>
CO 1	Understanding business environment at national and international level.
CO 2	Knowledge about agricultural development, industrial development and service sector development in India.
CO 3	Discussing the problems of Indian economy.
CO 4	Measuring implementation and impact of Liberalization, Privatization and Globalization on Indian Economy.
CO 5	Justifying performance, role, function, merits and demerits of Foreign Capital, Multinational corporations and International Corporation (IMF, IBRD, WTO and SAARC).
	<b>B. Com. III Co-operative Development</b>
CO 1	Understanding the principles of co-operation and co-operative movement in India.
CO 2	Knowing the structure, types, functions, problems and remedies agricultural and Non-agricultural Credit Co-operative institutions.
CO 3	Getting known with Co-operative credit movement in post- independence period.
CO 4	Evaluating the impact of Globalization on co-operative Movement.
CO 5	Getting basic knowledge of co-operative society and its administration.
CO 6	Justifying the role of state and central government in development of co-operative sector.
CO 7	Understanding New Economic Policy since 1991 and Co-operative Movement.
	<b>B. Com. III Advanced Accountancy Paper I &amp; IV.</b>
CO 1	Knowledge about various provision of Banking Regulation Act for maintenance of Bank final accounts.
CO 2	Knowledge about the accounting procedure of Hire purchase system of sales.
CO 3	Calculation of fire insurance claim under loss of stock policy and loss of profit policy
CO 4	Knowledge about the Firm Accounting procedure.
CO 5	Obtaining the knowledge about analysis and interpretation of financial statements.
CO 6	Understanding the procedure of calculation of working capital requirement and preparation of funds flow statement.
CO 7	Exposure to cost accounting and management accounting.
	<b>B. Com. III Advanced Accounting Paper II (Auditing)</b>
CO 1	Knowledge about auditing principles and techniques of auditing.
CO 2	Getting knowledge of vouching of cash and credit transactions.
CO 3	Knowing the appointment procedure of Auditor.
CO 4	Acquiring the skills of Audit program of co-operative societies and banks.
CO 5	Knowledge about writing of audit reports.
	<b>B. Com. III Advanced Accounting Paper IV ( Income Tax)</b>
CO 1	Understanding basic concepts in Indian Tax Act.
CO 2	Obtaining the knowledge about tax free incomes.
CO 3	Acquiring the knowledge about general deductions from income.
CO 4	Exposure to income tax planning
CO 5	Knowing the procedure of calculation of income tax
CO 6	Understanding the procedure of e-filing of return and e-payment of tax.
CO 7	Getting known with application of principles and provisions of direct tax laws in

	computation of taxable income under various heads of income
CO 8	Creating logical thinking power.
CO 9	Creating ability to take decision at different level of production activity like make or buy, project launching etc.
CO 10	Developing knowledge among students about cost ascertainment and fixation of selling price and cost control.
CO 11	Knowledge about presentation of cost accounting information for the purpose of decision making.
CO 12	Determination of profitable or unprofitable activity in business by using different cost accounting tools.
	<b>B. Com. III Cost Accounting (Paper III &amp; IV)</b>
CO 1	Developing knowledge about preparation of tenders, quotations, etc.
CO 2	Helping in determining the product total cost and fixation of selling price.
CO 3	Creating skills about handling of various financial records, documentation, collection and classification of different costs.
CO 4	Enhancing the knowledge of business project analysis and cost planning and procedure.
CO 5	Getting known with how to publish information about production to management, consumer, Government, Employee at different levels for decision making purpose.
	<b>B. Com. III Advanced Banking Paper I, II, III&amp;IV B.Com-III Advance Banking Paper I, II,III&amp;IV</b>
CO 1	Introducing banking law and practice in relation to the banking system in India.
CO 2	Developing the capability of students for knowing banking system, regulatory framework, banker- customer relationship and banking services.
CO 3	Understanding the legal aspects of banking transactions and its implications as banker and customer.
CO 4	Knowing the banking services and remittances.
CO 5	Understanding electronic banking and IT in banks.
CO 6	Knowing types of negotiable instruments.
CO 7	Getting acquainted with banks and financial institutions.
CO 8	Developing the capability of students for knowing bank nationalization, financial and business performance of banks, central banking and financial markets (Money Market, Capital Market, Spot and Derivative Market).
CO 9	Explanation of regulatory and promotional role of central banking, and its role in economic development.
	<b>B. Com. III Industrial Management (Paper I&amp;II)</b>
CO 1	Understanding about work for maximum outputs.
CO 2	Knowing about mobilization of best talents.
CO 3	Motivation of employees
CO 4	Improving standard of living.
CO 5	Ample job opportunity.
CO 6	Establishing sound industrial relations.
CO 7	Achievement of goals.
CO 8	Creating relationship between owners and workers.
CO 9	Management provides innovation.
	<b>B. Com. III Industrial Management (Paper III&amp;IV)</b>
CO 1	Industrial management aims of achieving Predetermine objectives.
CO 2	It helps coordination and establishes team spirit
CO 3	Basic of management and multidisciplinary teams.
CO 4	Active cooperation of human being.

### **Program Outcomes of Master OF COMMERCE (M.COM)**

Students who have taken admission to this program of M.Com are expected to concentrate upon the following outcomes.

- a. Developing Commercial Sense.
- b. Developing managerial Decision Making skills.
- c. Providing Entrepreneurial skill.
- d. Developing Financial Knowledge.
- e. Getting knowledge of Human Resources Practices.
- f. Providing practical exposure for work ready.

### **Program Specific Outcomes (PSO's) M.COM**

<b>PSO 1</b>	Understanding concepts of Managerial Accountancy, Working Capital Management, Budget and Budgetary Control, Standard Costing and marginal Costing.
<b>PSO 2</b>	Inculcating different skills for analysis and interpretation of financial data to understand financial health of an organization and ensure that resources are being used to achieve the organizations objectives.
<b>PSO 3</b>	Developing knowledge about financial analysis for cost ascertainment and fixation of selling price and effective cost control.
<b>PSO 4</b>	Getting working knowledge of generally accepted accounting procedure, techniques and skills.

	<b>M.Com.-I (Semester-I) (Business Administration)</b>
	<b>(101) Management Accounting</b>
<b>CO1</b>	Enabling students to acquire sound Knowledge of concepts, methods and techniques of management accounting and to make the students develop competence with their usage in managerial decision making and control.
	<b>(102) Strategic Management</b>
<b>CO1</b>	Studying the basic concepts of Strategic decision making and its application.
	<b>(113) Production &amp; Operation Management</b>
<b>CO1</b>	Making the students understand various concepts of production
<b>CO2</b>	Providing in depth knowledge about plan layout, structure and various techniques used in production and operation management
	<b>(114) Financial Management</b>
<b>CO1</b>	Enabling students to acquire sound Knowledge of concepts, methods and techniques of financial management and to make the students develop financial competence with their application in managerial decision making.

	<b>M.Com.-I (Semester-II)</b>
	<b>(201) Financial Analysis &amp; Control</b>
<b>CO1</b>	Enabling students to acquire sound knowledge of concepts, methods and techniques of management accounting and to make the students develop competence with their usage in managerial decision making and control.
	<b>(202) Industrial Economics</b>
<b>CO1</b>	Getting the basic concepts of Industrial Economics.
<b>CO2</b>	Providing the significance and problems of Industrialization.
<b>CO3</b>	Studying the impact of Industrialization on Indian Economy.
	<b>(213) Business Ethics &amp; Professional Values</b>
<b>CO1</b>	Getting the basic concepts of Business Ethics and Professional Values.
<b>CO2</b>	Making the students understand Work Ethics, Social Values
<b>CO3</b>	Corporate Social Responsibility

<b>CO4</b>	Corporate Governance
<b>CO5</b>	Indian Ethical Practices.
	<b>(214) Elements of Knowledge Management</b>
<b>CO1</b>	Developing an understanding about Knowledge Management Process, Organizational Learning, Knowledge Management Tools & Change Management and Knowledge Management Culture.

	<b>M.Com.-II (Semester III)</b>
	<b>(301) Business Finance</b>
<b>CO1</b>	Enabling students to acquire sound knowledge of concepts, nature and structure of business finance.
	<b>(302) Research Methodology for Business</b>
<b>CO1</b>	Acquaint the students with the areas of Business Research Activities.
<b>CO2</b>	Enhancing capabilities of students to conduct the research in the field of business and social sciences.
<b>CO3</b>	Enabling students, in developing the most appropriate methodology for their research studies.
	Making them familiar with the art of using different research methods and techniques.
	<b>(313) Human Resource Management</b>
<b>CO1</b>	Acquaint the students with in-depth knowledge of HRM.
<b>CO2</b>	Inculcate among students various practices followed by HR managers.
<b>CO3</b>	Creating understanding about recent trends in HRM
	<b>(314) Organizational Behavior</b>
<b>CO1</b>	Making the students understand various concepts of organization behavior
<b>CO2</b>	Providing in depth knowledge about process of formation of group behavior in an organization set up

	<b>M.Com.-II (Semester IV)</b>
	<b>(401) Capital Market and Financial Service</b>
<b>CO1</b>	Enabling students to acquire sound knowledge, concept and structure of capital market and financial services.
	<b>(402) Industrial Economic Environment</b>
<b>CO1</b>	Studying the basic concepts of Industrial Finance.
<b>CO2</b>	Studying the effects of New Economic Policy.
<b>CO3</b>	Studying the impact of Labor reforms on Industries.
	<b>(413) Recent Advances in Business Administration</b>
<b>CO1</b>	Familiarizing the students with the recent advancements in business administration
<b>CO2</b>	Developing an understanding about tools and their application in the business.
	<b>(414) Project Work</b>
<b>CO1</b>	Making the students understand various concepts of organization and practical work exposure.
<b>CO2</b>	Providing in depth knowledge about conducting research for solving organizational problem relating to any functional area of organization.