

సాహితీ మంజీర

మొదటి సెమిస్టర్

ప్రాచీన కవిత్వం :

ప్రాచీన కవిత్వంలోని శకుంతల పాఖ్యానంలో శకుంతలను నమ్మించి గాంధర్వ వివాహం చేసుకున్న దుశ్యంతుడిని నిండు సభలో నిలదీసిన ఆమె ధైర్యసాహసాలను గురించి విద్యార్థులు తెలుసుకున్నారు. అదేవిధంగా గొడుగుాచి చిన్న బాలిక ఆమె శివభక్తిని కళ్ళకు కట్టినట్లుగా రచించిన పాల్కురికి ప్రతిభ చాలా గొప్పగా ఉన్నది.

ఆధునిక కవిత్వం :

శ్రీశ్రీగారు రచించిన జయభేరి, గురజాడ గారి జీవితంలో కాసుల విలువ, అంతేకాకుండా రాజు-కవికి మధ్య భేదాలు, చిన్న గంగిరెద్దుకి ఎంతో గొప్ప విలువ దక్కింది.

వచన కవిత్వం :

రుద్రమదేవి జీవితంలో సాధించిన విజయాలు. ఎదుర్కొన్న పోరాటాలు ఈ నవల యొక్క ప్రతేకం

రెండవ సెమిస్టర్

గజేంద్ర మోక్షము అద్భుతమన భాగవత కథ. రామాయణంలోని హనుమత్ సందేశం, మంచి చెడులను విద్యార్థులకు అర్థమయ్యేలా సుభాషితాల రూపంలో ఏనుగు లక్ష్మణకవి గారి రచన విద్యార్థులకు ఎంతో ఉపయోకరాలు అని చెప్పుకోవచ్చు.

ఇది ఆధునిక కవిత్వంలోకి వస్తే కత్తి కంటే పదునైనని కలము. కవి తలుచుకుంటే సాధించలేనిది ఏదీ లేదు అని నిరూపించారు. ఈ కాలంలో అమ్మాయి పెళ్ళి మధ్యతరగతి కుటుంబంలో ఎంత కష్టమో కంటతడి పెట్టించేలా ఉన్నాయి.

సాహితీ కిన్నెర

ప్రాచీన పద్యభాగం :

ఒక విద్యార్థి అడ్డదారిలో వెళ్లడం వలన కలిగిన నష్టాన్ని గుణనిధికథ రూపంలో చక్కగా వర్ణించాడు శ్రీనాథుడు. రామాయణంలో శ్రీరాముడిని ఆశ్రయించిన విభీషణుడు ధర్మజుని యొక్క వాక్చాతుర్యాన్ని శ్రీకృష్ణుడు కౌరవ నిండు సభలో దృఢాప్రస్థానితో చెప్పడం విద్యార్థులకు రామాయణ, మహాభారత కథలను తెలుసుకునేలా చక్కగా వర్ణించబడింది.

ఆధునిక పద్య భాగం :

ఎంతో గప్పదయిన రామాయణాన్ని రైతు జీవితంలో జరిగే సంఘటనలను కలుపుతూ రచించిన రైతు రామాయణం అర్జునుడికి ఉన్న గురుభక్తి. గుడిసెల్లో పేదరిక బ్రతుకుల గురించి విద్యార్థులు నేర్చుకునేది చాలా ఉంది.

ప్రాచీన కవిత్వం :

తుంబరుడి గాన కళపై గెలవాలన్న నారదని తపన, సుభద్ర ఆవేదన అంతేకాక శేషప్ప నారసింహ శతకాలు భక్తికి నిదర్శనాలు.

ఆధునిక కవిత్వం :

మనిషికి ఉండవలసిన గుణగణాలు, కవి హృదయం, కంటికి కూడ కనపడకుండా కనుమరుగైన దేవరకొండ దుర్గం గురించి కళ్లకు కట్టినట్టుగా వర్ణించారు.

సాహితీ దుందుభి

డిగ్రీ ఫైనల్ ఇయర్ లో 2021-22 సం.లో తెలుగు ప్రవేశపెట్టడం జరిగింది. మొదటి, రెండవ సంవత్సరాలలో విద్యార్థులకు రామాయణ, మహాభారత, భాగవత ప్రస్తుత మానవ జీవనం గురించి ఎంతో తెలియచేసేదిలా ఉంది. కాని మూడవ సంవత్సరంలో విద్యార్థులకు మాత్రం భవిష్యత్తులో ఒక మెట్టు ఎక్కేలాగా చిన్న చిన్న పాఠాల రూపంలో ఎంతో చక్కగా వివరించడం జరిగింది.

సాహితీ మంజీర

డిగ్రీ మొదటి సంవత్సరంలో ప్రచురించిన పాఠ్యాంశాలలో పాఠాల నాణ్యతతో పాటు మానవత విలువలు గురించి చెప్పడం జరిగింది. మనిషిని అన్ని కోణాలలోని అంశాలను గమనికలోనికి తీసుకోవడం జరిగింది. ఒక మహిళ సాధించిన విజయం, చిన్న చాలిక యొక్క భక్తి, మనం చేసే పనిలో ప్రయత్నలోపం ఉందనే సోచన, పరోపకారం కోసం త్యాగబుద్ధి ఉండాలనే సూచన. మానవ వ్యక్తిత్వానికి ఉపయోగపడే ఆణిముత్యాల్లాంటి శతక పద్యాలు ప్రేమను గెలిపించే ప్రయత్నం, రాజుకన్నా కవియే గొప్పవాడు అనే నిజం తెలంగాణోద్యమం, వృత్తి కళా యొక్క గొప్పతనం. జీవితం యొక్క విలువ హైదరాబాద్ విమోచన సామాజిక దశ, తెలంగాణ భాషా సౌందర్యం, నేటి గ్రామల్లో పట్టణ వాతావరణం వంటి పాఠాలు విద్యార్థులను ఆలోచించేలా, మంచి నడవడికలో వెళ్ళేలా ప్రచురించడం జరిగింది.

సాహితీ కిన్నెర

డిగ్రీ ద్వితీయ సంవత్సరంలో విద్యార్థులకు వాక్పాఠ్యం, ఆశ్రయం కోరి వచ్చిన వారిని ఆదరించుట, అడ్డదారిలో వెళ్ళడం వలన నష్టం, గానకళలో అద్భుతమైన విజయం, శతక పద్యాలు, రైతు యొక్క గొప్పతనం, అర్జునుడిని గొప్ప విలువవిద్యాపరుడిగా మార్చిన గురువుకి అంకిత భావంతో సమర్పించిన గురుదక్షిణ, గుడిసెల్లో బ్రతుకుల విషయాలు, బ్రతుకు రహస్యాలను తెలిపే మరుడ నేను నరుడ నేను, కవి హృదయం, కనుమరుగైన దేవరకొండ దుర్గం పాఠ్యాంశాలు విద్యార్థులు భవిష్యత్తులో రానించడానికి ఎంతో ఉపయోగకరంగా ఉన్నాయి.

సాహితీ దుందుభి

డిగ్రీ ఫైనల్ ఇయర్‌లో 2021-22 సం.లో తెలుగు ప్రవేశపెట్టడం జరిగింది. మొదటి, రెండవ సంవత్సరాలలో విద్యార్థులకు రామాయణ, మహాభారత, భాగవత ప్రస్తుత మానవ జీవనం గురించి ఎంతో తెలియజేసేదిలా ఉంది. కాని మూడవ సంవత్సరంలో విద్యార్థులకు మాత్రం భవిష్యత్తులో ఒక మెట్టు ఎక్కేలాగా చిన్న చిన్న పాఠాల రూపంలో ఎంతో చక్కగా వివరించడం జరిగింది.



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काव्य - निधि तथा हिंदी साहित्य का इतिहास

द्वितीय भाषा हिंदी

द्वितीय वर्ष : तृतीय व छतुर्थी छमाही

काव्य निधि के अंतर्गत इस संकलन के माध्यम से स्नातकीय विद्यार्थियों ने हिंदी भाषा के प्रति अपनी अभिरुचि को बढ़ावा देते हुए व जागृत होने के प्रयास में महान संतो व कवियों के नीतिपरक उपदेशात्मक, कृतियों एवं भक्तिपरक, वात्सल्य भाव से ओत-प्रोत पदों व दोहों के द्वारा आप्लावित हुए हैं। इनके अतिरिक्त महा रचनाकारों जैसे मैथिलीशरण गुप्त, प्रसाद जी, निराला, पंत जी, के रचनाओं से उन्हें उत्साहवर्धक प्रेरणा मिली है। हरिवंशराय जी, अज्ञेय जी, महादेवी वर्मा, तथा सुभद्रा कुमारी जी के सहज काव्य प्रस्फुटन, उद्धोधन को प्राप्त किया है।

हिंदी साहित्य के इतिहास के अंतर्गत निहित आदि, भक्ति, रीति तथा आधुनिक कालों के परिस्थितियों, प्रवृत्तियों और उनके प्रतिनिधि कवियों व रचनाकारों के संकलन को पढ़कर व्यावहारिक भाषा में प्रवीणता हासिल किया है।

सी. श्रीविद्या

संकाय (हिंदी)

साहित्य संगम

द्वितीय भाषा हिंदी

तृतीया वर्ष : पंचम व षष्ठ छःमाही

हिंदी भाषा के गद्य विधाओं के प्रतिबिम्ब " साहित्य संगम" के द्वारा स्नातक स्तरीय तृतीय वर्ष के विद्यार्थियों ने गद्य साहित्य के विविध रूप जैसे अनुवाद, हिंदी साहित्य के विविध विधाओं का परिचय, जन संचार के माध्यम हिंदी भाषा के विविध रूप से सम्बन्धित तकनीकी ज्ञान, पत्रकारिता, साहित्य सम्बन्धी आयाम, तकनीकी विषयों के अंतर्गत हिंदी को प्रयोजनमूलक बनाकर, कामकाजी रूप में कार्यालयीन हिंदी के प्रति, उनके दृष्टिकोण को प्रेरित कर ज्ञान प्राप्त किया है।

अनुवाद को सीखकर विकास की ओर अग्रसर बन, जनसंचार के माध्यमों से जनकल्याण के लिए तथा खुद की भूमिका को सक्रीय बनाकर, सक्षम रूप से लाभान्वित होकर हिंदी साहित्य सृजन में अपना योगदान देने की पूरी तरह से तैयार हुए हैं।

सी. श्रीविद्या

संकाय (हिंदी)

गद्य दर्पण तथा कथा सिंधु

द्वितीय भाषा हिंदी

प्रथम वर्ष :

प्रथम व द्वितीय छमाही

गद्य दर्पण हिंदी गद्य विधाओं का प्रतिबिम्ब है।

हिंदी साहित्य के इस संकलन द्वारा स्नातक स्तरीय विद्यार्थियों ने गद्य साहित्य के निबंध, एकांकी, कहानी, यात्राओं के बारे में, जीवनी, संस्मरण, तथा व्यंग्य आदि विधाओं को अथवा हिंदी साहित्य के रचनाकारों, महान लेखकों, तथा साहित्यकारों द्वारा रचित महान कृतियाँ, भारतीय संस्कृति का महत्ता, पर्यावरण सुरक्षा, मानवीय संबंधों से सज्जित व प्रेरणादायक संस्मरण, व्यगात्मक निबंध को पढ़कर समझकर वर्तमान समाज के सामाजिक, धार्मिक, राजनैतिक विसंगतियों पर विशेष ध्यान केंद्रित कर लाभान्वित हुए हुए है।

बोधगम्य विषय, भाषा शैली व व्याकरण आदि से विद्यार्थीगण लाभकारी बने हैं।

सी. श्रीविद्या

संकाय (हिंदी)



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UNIT-II : हिमालयो नाम नगाधिराजः (महाकवि कालिदासः)

अच् सन्धयः

UNIT-III : धर्मबद्धो दौवारिकः (अम्बिकादत्तव्यासः)

स्त्रीलिङ्ग, नपुंसकलिङ्ग शब्दाः

UNIT-IV : कृतघ्ने नास्ति निष्कृतिः (विष्णुशर्मा)

एष धर्मः सनातनः

हल्, विसर्ग सन्धयः

COURSE OBJECTIVE: To instill leadership qualities and aesthetic sense through cultural, moral, ethical and in aesthetic values given in the texts and to enable the students to use basic Grammatical components.

UNIT WISE COURSE OBJECTIVES:

Cob1: To enhance the emotional intelligence quotient (leadership qualities, team work, problem solving skills needed for their successful professional life using Ramayana text and enable them to identify the words according to the gender.

COb2: To develop the aesthetic sense using the text and to enable them to create words based on Sandhi rules.

COb3: To develop sincerity and efficiency in an individual for grooming professionals and Healthy individuals through values imparted by the text and to facilitate the students to focus on reading writing skill.

COb4: To impart moral and ethical values in their daily lives through Panchatantra and moral slokas and to enable them to create words based on Sandhi rules.

COURSE OUTCOMES: At the end of the course students will be able to

Co1: Use emotional intelligence quotient in better way and classify the words.

Co2: Develop descriptive skill in matured manner and formulate words based on Sandhi's.

CO3: Develop as sincere and efficient individuals for grooming professionals and healthy individuals and classify the Shabdās

Co4: Follow the moral and ethical values in their daily lives and formulate the words based on Sandhi rules.

First Year

Sanskrit Degree First Year – SEMESTER – II

Text Book: Saraswati Sushma, Telugu

UNIT-I: 1. सक्तुप्रस्थस्य महत्वम् (वेदव्यासः) ।

2. धातवः (परस्मैपदिनः, आत्मनेपद) ।

Academy

UNIT-II:

3. बुद्धस्य वैराग्योदयः (अश्वघोषः) ।

4. समासाः (अव्ययीभावः, तत्पुरुषः, कर्मधारयः, द्विगुः, द्वन्द्वः, बहुव्रीहिः) ।

UNIT-III:

5. वैज्ञानिक संहिता (आचार्य पुल्लेल श्रीरामचन्द्रः) ।

6. दैवासुरसम्पद् विभागयोगः - श्रीमद्भगवद्गीता (वेदव्यासः)।

UNIT-IV:

7. न गङ्गदत्तः पुनरेति कूपम् (विष्णुशर्मा) ।

COURSE OBJECTIVE:

- To build strong foundation of ethical and moral values for grooming, responsible and sincere individuals necessary for a healthy society.

UNIT WISE COURSE OBJECTIVES:

Cob1: To enable the students to imbibe ethical and moral values and to make appropriate use of grammar enhancing their writing skills.

COB2: To enable the students understand and explicate the philosophy of Buddha and classify grammar compounds.

COB3: To enable the students to develop scientific and moral approach in life.

COB4: To impart problem solving and decision-making skills for personal, social and professional interactions.

Second Year

Sanskrit Degree Second Year – SEMESTER III

Text Book: Saraswati Sushma 2, Telugu Academy

Semester-III

UNIT- I -1. प्रवर्ततां प्रकृतिहिताय पार्थिवः[महाकविः कालिदासः]
2. नवरत्नानि [आचार्यरामानुजः]

UNIT- II - 3. शूद्रकवैशम्पायनयोः सम्भाषणम्[बाणमहाकविः]
4. रामदासः-[सन्निधानं सूर्यनारायणशास्त्री]
(आन्ध्रकाव्यकथाः)

UNIT- III - 5. शिष्यानुशासनम् [तैत्तिरीयोपनिषद्]
ब्रह्मशक्तिर्गरीयसी [केनोपनिषद्]

UNIT - IV - 6. महाकविशास्त्रकारविभागः
(पाणिनिः, कौटिल्यः, भरतमुनिः, भारविः माघः, श्रीहर्षः)
7. अलङ्काराः

UNIT- v - 8. हलन्तशब्दरूपाणि
9. संस्कृतसम्भाषणाभ्यासः

COURSE OBJECTIVES: To build strong foundation of ethical and moral values for grooming, responsible and sincere individuals necessary for a healthy society.

- To enhance the emotional intelligence quotient (leadership qualities, team work, problem solving skills needed for their successful professional life.
- Cultivating sincerity and efficiency in individuals by imparting values from the text and facilitating their growth as professionals and well-rounded individuals, while also promoting a focus on reading and writing skills.

Degree Second Year

Sanskrit Degree Second Year – SEMESTER –

IV Text Book: Saraswati Sushma 2, Telugu

Academy

Semester-IV

- | | |
|-----------|--|
| UNIT – I | (1) चित्रपटदर्शनम् । [भवभूतिः] |
| | (2) विवेकानन्दविजयम् । [श्रीधरभास्करवर्णकरः] |
| UNIT – II | (3) विश्रुतचरितम् । [दण्डिमहाकविः] |
| | × (4) ध्रुवोपाख्यानम् । [पि.वि.काणे] |
| UNIT – V | (8) कृदन्तरूपाणि । |
| | (9) संस्कृतसम्भाषणाभ्यासः |

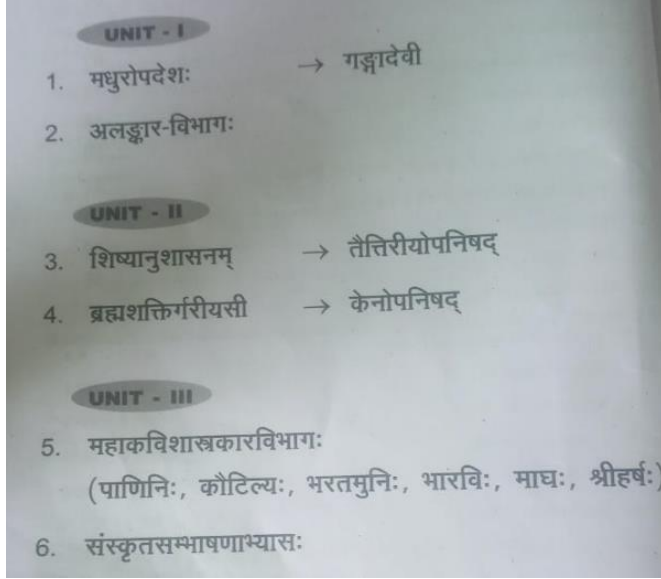
COURSE OBJECTIVE: To instill leadership qualities and aesthetic sense through cultural, moral, ethical and in aesthetic values given in the texts and to enable the students to use basic Grammatical components.

- Fostering ethical and moral values in students while improving their writing skills through grammar usage.
- Equipping students with problem-solving and decision-making abilities for personal, social, and professional interactions.
- Cultivating a scientific and moral mindset in students to guide their approach to life.

Degree Third Year

Sanskrit Degree Third Year – SEMESTER – V

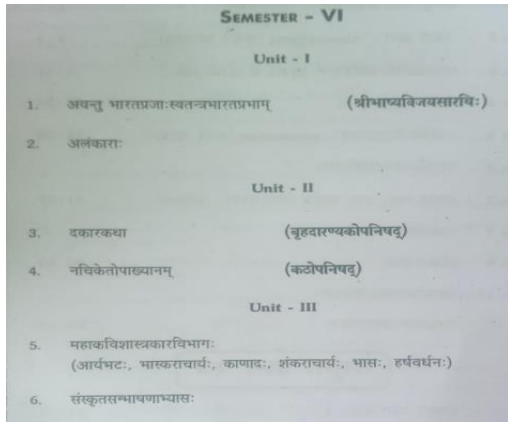
Text Book: Saraswati Sushma 3, Telugu Academy



Degree Third Year

Sanskrit Degree Third Year – SEMESTER – VI

Text Book: Saraswati Sushma 3, Telugu Academy



COURSE OBJECTIVE:

- Encouraging the development of ethical and moral values in students while simultaneously improving their writing skills by emphasizing grammar usage.
- Empowering students with problem-solving and decision-making capabilities to navigate personal, social, and professional interactions effectively.
- Fostering a balanced mindset that integrates scientific and moral principles in students, shaping their approach to various aspects of life.

SUGGESTED READING:

Sabdamanjari, Dhatumanjari, Balabodhini, Vibhakti Vallari' Panchatantra' Ramayana, Shubhashita i.itt uti, Sambhashana Samskrita Abhayasah (Sanskritam Nerchukundam-SVBC Channel)

COURSE OUTCOMES: At the end of the course students will be able to

Co1: Use emotional intelligence quotient in better way and classify the words.

Co2: Develop descriptive skill in matured manner and formulate words based on Sandhi's.

CO3: Develop as sincere and efficient individuals for grooming professionals and healthy individuals and classify the Shabdah

Co4: Follow the moral and ethical values in their daily lives and formulate the words based on Sandhi rules.



ACADEMIC YEAR : (2020 - 2021)

Program Name: بی اے۔ بی ایس سی۔ بی کام اور بی بی اے۔

Program outcomes

- ۱۔ اس کورس کی تکمیل کے بعد ڈگری پروگرام۔ گریجویٹ اس قابل ہو جائیں گے۔
۲۔ عربی میں لکھے گئے ادب کی بڑی روایات کا علم حاصل کریں گے اور ادب کو اسکے سماجی اور ثقافتی تناظر میں سمجھیں گے اور دنیا کے عظیم ادیبوں کے نظریات کی ترجمانی کریں گے۔
۳۔ عربی کے عظیم ادب سے اخذ کردہ بلند اور گہرے افکار و نظریات سے فکری اور اخلاقی طور پر مالا مال ہیں۔
۴۔ انتظامی خدمات اور عربی کی تعلیم۔ عربی زبان سیکھنے اور ادب کی تدریسی کے طریقوں میں تنقیدی تحقیق کی پیروی کریں۔

Program specific outcomes

- پروگرام کے مخصوص نتائج:
بی اے کی تکمیل کے بعد عربی ڈگری پروگرام میں طلباء قابل ہوں گے۔
۱۔ متعدد انواع میں ادبی اور ثقافتی تحریروں کے پڑھنے اور تجزیہ کرنے کے لئے تنقیدی اور نظریاتی نقطہ نظر کا اطلاق کریں گے۔
۲۔ عرب بولنے والی دنیا میں بطور مترجم کام کریں گے۔
۳۔ عربی میں قابل اساتذہ کے طور پر خدمات انجام دینے کے لئے قابلیت اور صلاحیت پیدا کریں گے۔

Course Outcomes

Learning outcome کورس کے نتائج	Course name کورس کا نام	semester سمسٹر	Paper پرچہ
اس یونٹ کو ختم کرنے کے بعد طلباء قرآن مجید کے سوروں کا ترجمہ اور خلاصہ لکھنے کے قابل ہو جائیں گے۔	U - I النثر القدیم	سمسٹر-1	1st year سال اول
اس میں طلباء عربی میں چھوٹے چھوٹے جملے بول سکتے ہیں۔	U - II النثر الحدیث		

<p>طلباء اس سبق کو ختم کرنے کے بعد با آسانی اسم اور اسکی قسمیں کلمہ اور اسکی قسموں کو پہچان سکتے ہیں۔</p>	<p>U - III</p> <p>القواعد</p>		
<p>اس یونٹ کے ختم کرنے کے بعد طلب عربی زبان اور زمانہ جاہلیت کے شعرا کا کلام اور سبع تعلقات کے بارے میں بخوبی جانیں گے، اور وہاں کے رسم و رواج اور تقاضوں اور سماجی ماحول اور تعلقات کے تصورات کا اندازہ لگائیں گے۔</p>	<p>U - IV</p> <p>تاریخ الادب العربی</p>		

Learning outcome کورس کے نتائج	Course name کورس کا نام	semester سمسٹر	Paper پرچہ
اس یونٹ کی تکمیل کے بعد طلباء اس قابل ہو جائیں گے۔ قرآن مجید کے آیات کی بنیادی جوہر کو سمجھنے کے لائق ہو جائیں گے۔	U - I النثر القدیم القرآن	سمسٹر-II	1st year سال اول
اس یونٹ کے بعد طلباء کو نمائش کی غرض و غایت معلوم ہو جائے گی، اور حیدر آباد دکن کے بادشاہ میر عثمان علیچاں کے حالات زندگی بھی معلوم ہو جائیں گے۔	U - II النثر الحدیث		
عربی قواعد میں مرکب مفید اور مرکب ناقص کے بارے میں معلومات ہوں گے۔	U - III القواعد		
اس یونٹ کی تکمیل کے بعد طلباء کو معلوم ہوگا کہ قرآن مجید کے جو عربی ادب پر اثر ڈالا ہے اور قرآن مجید کو تدوین اور اسلامی شعراء کے شعر کی کیفیت معلوم ہو جائے گی۔	U - IV تاریخ الادب العربی		
اس یونٹ کی تکمیل کے بعد طلباء اس قابل ہو جائیں گے۔ احادیث نبوی کی رہنمائی و روشنی میں قرآن مجید کی تفسیر کے فن سیکھ جائیں گے۔	U - I النثر القدیم	سمسٹر-III	2nd Yr. سال دوم
اس یونٹ کے مکمل ہونے کے بعد طلباء اس قابل ہو جائیں گے، عربی زبان افعال اور اسکی اقسام کو سمجھیں گے اور عربی کے اصول و قواعد و ضوابط سے بھرپور فائدہ اٹھائیں گے۔	U - II القواعد		
اس یونٹ کو ختم کرنے کے بعد طلباء اس لائق ہو جائیں گے، عربی ادب جو اموی دور میں اس کے رسم و رواج اور تقاضوں کو سمجھیں گے اور سماجی ماحول سے واقف ہوں گے اور اموی شعرا کی شاعری کی وسعت اور گہرائی کو سمجھیں گے۔	U - III تاریخ الادب العربی		
اس یونٹ کی تکمیل کے بعد طلباء اس قابل ہو جائیں گے۔ وہ نبی اکرم کی زندگی کا مطالعہ اور آپ کے فضائل اور آپ کی طرز زندگی ایک مہذب تہذیب کے لئے مضبوط بنیاد مردوں کیلئے نمونہ عمل قرار دیا گیا۔ اور صحابہ اور صحابیات کی زندگی اور کردار کے بارے میں معلومات وسیع اور انکی زندگی میں جو بہتر کردار ہیں اس سے طلباء اپنی زندگی کو سنوار سکیں گے۔	U - I النثر القدیم	سمسٹر-IV	2nd Yr. سال دوم
عربی کی صرف و نحو کے قواعد کو سیکھنے کے بعد طلباء میں ایسی قابلیت پیدا ہوگی کہ افعال ناقصہ اور حروف مشبہ بالفعل کو ان کے صحیح تقاضوں کے ساتھ استعمال کریں گے۔	U - II القواعد		

Learning outcome کورس کے نتائج	Course name کورس کا نام	semester سمسٹر	Paper پرچہ
اس یونٹ کو مکمل کرنے کے بعد طلباء میں اتنی قابلیت ہو جائے گی وہ دورِ عباسی کے شعراء اور جو بہترین شعراء اُس دور میں تھے، جیسے ابونواس، ابوالعتاہیہ، ابوالعلاء المعری، الممتنبی جیسے شعراء دورِ عباسی کے کلام کو پڑھنے اور سمجھنے کا قابل ہو جائیں گے۔	U - III تاریخ الادب العربی	سمسٹر - IV	2nd Yr. سال دوم
اس یونٹ کی تکمیل کے بعد طلباء اس قابل ہو جائیں گے کہ وہ ہندستان کی جنگِ آزادی کے مجاہدین آزادی کے بارے میں اور انکی خدمات ملک کیلئے اور قربانی وغیرہ کو بیان کر سکتے ہیں۔	U - I (1) بطل الحریہ	سمسٹر - V	3rd Yr سال سوم
اس یونٹ کی تکمیل کے بعد طلباء اسلام کا جو مساوات کا نقطہ نظر ہے اسلام نے جو پیش کیا ہے، اس میں سب یکساں ہے نہ کوئی غلام نہ آقا، اور عالمگیر بھائی چارے اور انسان کے باہمی انحصار کی علامت ہے۔ اسلام کے پانچ لازمی ستون ہیں، اس سے متعلق ضابطوں اور قوانین کی نشان دہی کریں، اور پانچ وقتوں کے فرائض کو شرائط و ضوابط سے سیکھیں، دل و دماغ اور جسم کی پاکیزگی کا بھی خیال رکھیں گے۔	U - I (2) المساواة الانسانية		
اس یونٹ کی مکمل کے بعد طلباء اس قابل ہو جائیں گے، حضرت علیؑ کے کلام کو سمجھنے کی کوشش کریں گے۔	U - II (1) العلم		
اس یونٹ کو مکمل کرنے کے بعد طلباء شاعر کے کلام کو سمجھنے اور سمجھانے کی کوشش کریں گے۔	U - II (2) کتابی		
اس یونٹ کی تکمیل کے بعد طلباء اس قابل ہو جاتے ہیں کہ وہ عباسی دور کے حالات اور (سیاسی، سقافتی، سماجی) ان سب کو اچھی طرح جان لیتے ہیں اور اس دور کے بڑے بڑے انشاء پردازوں کے انشائیہ کلام کو سمجھتے ہیں ان میں جو مشہور انشاء پرداز ہیں وہ یہ ہیں -- (۱) ابن المقفع، (۲) الجاحظ، (۳) بدیع الزماں الہمدانی، (۴) الحریری وغیرہ کے کلام کو پڑھ سکتے ہیں۔	U - III تاریخ الادب العربی دور عباسی - I انشاء پرداز - II		
اس یونٹ کو مکمل کرنے کے بعد طلباء اس قابل ہو جائیں گے کہ وہ عربی میں تلمگانہ کے موضوع پر لکھ سکتے ہیں۔ اس یونٹ کی تکمیل کے بعد ہندستان کی مجاہدہ سروجنی نائیڈو کے حالاتِ زندگی کے بارے میں طلباء عربی میں لکھنے کے قابل ہو جائیں گے۔	U - I (۱) آثار تلمغانہ (۲) سروجنی نائیڈو	سمسٹر - VI	

Learning outcome کورس کے نتائج	Course name کورس کا نام	semester سمسٹر	Paper پرچہ
اس کو مکمل کرنے کے بعد طلباء (میری زندگی) اس نظم کو لکھ سکتے ہیں۔	U - II حیاتی	سمسٹر - VI	3rd Yr سال سوم
اس یونٹ کو مکمل کرنے کے بعد طلباء اس قابل ہو جاتے ہیں کہ وہ عربی اشعار اور اس کا زبانی ترجمہ کر سکیں گے۔	U - II ا		
اس یونٹ کی تکمیل کے بعد طلباء اس قابل ہوتے ہیں کہ وہ تاریخ اسلامی عباسی دور خلافت کے حالات ثقافت، سیاسی و معاشی کیفیت کو جان لیتے ہیں کس طرح اسلامی حکومت وسیع و عریض ہے اور اس دور میں فقہ کے تین اماموں کی تالیفات کو بھی پڑھ سکتے ہیں کہ کس طرح احادیث کی تدوین کی ہیں اور وہ ائمہ کے احادیث یہ ہیں:	U - III تاریخ الانسلا می فی العصر العباسی اما امام بخاری امام مسلم		



Sub:-ENGLISH
Academic Year:- 2020-2021

SEMESTER	SUBJECT	OUTCOME
Semester 1	ENGLISH	<ul style="list-style-type: none">Students learnt about root words of prefixes and suffixes, homonyms.Students learnt about how to get attention, give instructions, seeking clarifications.Students learnt how to make effective interpersonal skills. Students learnt different strategies for self-motivation. Students learnt how to agree with an opinion.
Semester 2	ENGLISH	<ul style="list-style-type: none">Students learnt about oxymoron and hyperbole. Also learnt about paragraph writing essentials with sequencing. <ul style="list-style-type: none">Learnt descriptive and argumentative writing.Students understood how to resolve a conflict and have an ethical behaviourLearnt about portmanteau words and loan words.
Semester 3	ENGLISH	<ul style="list-style-type: none">Students improved their vocabulary using synonyms and antonyms, differences between American and British English.Students understood the usage of prepositions and connectives.Students learnt to use idioms in speech and also in writings.
Semester 4	ENGLISH	<ul style="list-style-type: none">Students improved their vocabulary through phrasal verbs.Students understood about commonly confused words.Students learnt about determiner and concord in grammar.Students learnt about report writing also about technical vocabulary usage.
Semester 5	ENGLISH	Students learnt about Indianisms and technical vocabulary Also learnt about review writing. Students learnt how to frame questions. Also learnt about gender equality.
Semester 6	ENGLISH	Students learnt about one word substitute, formal and informal vocabulary. They also got about sentence types & common errors. Students also learnt how to write curriculum vitae.



Program Name: B.COM General (2020-2021)

Program outcomes:

- Knowledge of Business Processes and to promote the entrepreneurial skills among the students
- Enhancing the Capabilities of Critical and Analytical Thinking
- Offering International Perspectives
- Building Social Sensitivity and Understanding Corporate Social Responsibility, Ethical, and Sustainable Business Practise Demonstrate consideration for social, moral, and environmental issues.
- Improvement of interpersonal abilities.

Program Specific Outcomes:-

1. Developing Conceptual Clarity in Different Functional Areas
2. To learn the Practical application of Statistics
3. To impart knowledge and mathematical abilities, analytical skills, and managerial perspective to students in order to prepare them for the highly competitive business world.
4. To gain the Specific Knowledge on Financing, Investment analysis and Decision making.
5. To gain the knowledge in the area of research.

Course outcomes:

Course code	Semester	Course name	Learning outcomes
AECC 1	I	a) Environmental Science	<ul style="list-style-type: none"> • Student develop the knowledge about Environment & Its Importance for the Natural Environment. • Students also learns the impact of Pollution & Welfare ACT by the State & Central Government .
DSC101	I	Financial Accounting -I	<ul style="list-style-type: none"> • To understands the concept of accounting, concepts & conventions , A/c standards , cycle process. • Students will understand the practical application in Companies Act 1956 & Final A/c. • Students acquires the knowledge application of depreciation , BRS , subsidiary books & rectification of errors.
DSC102		Business Organization and Management	<ul style="list-style-type: none"> • Student learns the trade , industry & commerce to start an enterprise. • Students understand the forms of organization & Its Importance . • Student also learns the Management & Functions of Management. • Student acquires the knowledge in Planning, departmentalization & Decentralization
DSC 103	I	Foreign Trade	<ul style="list-style-type: none"> • Students understand concept of trade & types of trade • Students imparts the practical knowledge in Trade policies, procedures & documentation. • Student learns the BOP, BOT deficit , surplus& importance monetary funds for the development of country. • Student also learns the role of ASEAN, SAARC WTO& World Bank.
AECC2	II	b) Basic Computer Skills	<ul style="list-style-type: none"> • Students the importance of technology & its features. • Students imparts the knowledge in various applications in basic & Advanced level.
DSC201	II	Financial Accounting II	<ul style="list-style-type: none"> • Student acquires accounting knowledge of bills of exchange . • Student understands the practical knowledge in consignment A/c. • Students learns the joint ventures & Account preparation.

			<ul style="list-style-type: none"> Students get the practical knowledge in complete records & non-profit organization.
DSC202	II	Business Laws	<ul style="list-style-type: none"> To Understand the Importance of Indian Contract Act 1872. To Understand the Sales Of Goods Act 1930. To imparts the knowledge of Joint Stock Companies, Consumer Protection Act 1986.
DSC203	II	Banking & Financial Services	<ul style="list-style-type: none"> Student Apply concepts relevant to Banking ,financial markets , financial institutions & markets. It helps to understand the concept RBI , World Bank, Commercial Banks , Schedules bank, Hire purchase system, factoring, leasing,NABARD, SIDBI, SFC . It helps to understand the role of Financial Institutions & their assistance. Student acquires knowledge of Venture capital & contributes major role in the growth of Indian economy.
SEC 1	III	Communication Skills	<ul style="list-style-type: none"> Student acquires the knowledge in Skills & Its development. Student imparts the practical knowledge in Communication & its types. Student learns the Communication barriers.
SEC 1	III	A)Principles Of Insurance	<ul style="list-style-type: none"> Students learns the concept of Insurance & its types of insurance . Student also learns the importance of Insurance in Day- to-Day life. Students the IRDA Act related to Insurance, Policies & Surrender Value .
DC301	III	Advanced accounting	<ul style="list-style-type: none"> Student understands the Partnership A/c are maintained & the changes which affect the financial position of business in several situations. Student also acquires the knowledge in joint stock company.
DSC 302	III	Business Statistics-I	<ul style="list-style-type: none"> Students inculcate computational & analytical knowledge . Students learns to represent the data in different ways. Student also represents the data in statistical & graphical analysis.
DSC 303	III	Financial Institutes & Markets	<ul style="list-style-type: none"> Student learns the importance of Financial Institutes & Markets Money market , Equity Market Bonds . Student also imparts the knowledge in Securities, Debt - Market & Repo-Rates. Students Learns the IPO, FPO's & Stock Exchanges
SEC 3	IV	Leadership And Management Skills	<ul style="list-style-type: none"> Students learn how to lead through character rather than through coping and Understand you're own and other peoples' values and beliefs. Learn how to manage conflict or opposition.
SEC 4	IV	A) Practice of Life & General Insurance	<ul style="list-style-type: none"> Student learns the Premium Calculations & Policy related issues. Student also learns the settlement of risk claim , underwriting financial risk & Tax Savings.
DSC 401	IV	Income tax	<ul style="list-style-type: none"> Student acquires the knowledge of individual assessment . Student learns the Computation of Income From

			<p>five heads.</p> <ul style="list-style-type: none"> Students calculate the income from other sources & notice of demand.
DSC 402	IV	Business statistics II	<ul style="list-style-type: none"> Student to describe the data & making evidence decision making inferential statistics that are based on well reasoned statistical arguments.
DSC403	IV	Corporate accounting	<ul style="list-style-type: none"> Student learns the practical knowledge in As-14 preparation of accounts in banking & insurance companies. Students learns the merger, amalgamation & internal reconstruction .
GE	V	a) Advanced Aspects Of Income Tax	<ul style="list-style-type: none"> Students learns the income gain in business. Students also learns the taxable income & Non Taxable Income . Student also learns the assessment of individual, deemed Assets & Assessment procedure.
DSE 501	V	Cost accounting	<ul style="list-style-type: none"> Student understands the importance of Cost A/c Applications of different types of costing. Students imparts the Knowledge of inventory techniques.
DSC 502	V	Computerized accounting	<ul style="list-style-type: none"> Students learns to maintaining charge of account In ERP,& the various accounts maintained in Tally ERP . Student understand the concept of Company creation & maintaining staff keeping units,inventory creating inventories,creation of stock growth,recording day to day transactions in ERP Student also learns the function keys in account receivable and payable management and Reports of Management Information System.
DSC 503	V	Auditing	<ul style="list-style-type: none"> To Acquire knowledge of Auditing as per companies Act 1956. To understand the necessity of Auditing in public &private enterprise To implement the transparency & accuracy in Accounting.
PR	VI	Research methodology & Project Report	<ul style="list-style-type: none"> Student learns the Research objectives,research classification,levels of measurement in particular field Student imparts the practical knowledge in applies various scales,hypothesis testing,para metrics and non para-metrics for problem Solving & research reports. Students learns the practical knowledge in the introduction,company profile ,data analysis and interpretation,bibliography,appendices in chapter designing. Student explain the technical specifications of the project,notice the guidelines of project work.
DSE601	VI	Cost control and management accounting	<ul style="list-style-type: none"> Student acquaint with cost control techniques, break even analysis, budgetary control and standard costing. Student know the budget and its advantage to have a control and techniques of financial statement analysis, managerial accounting decision making techniques and reporting methods like fund flow analysis. Student imparts the practical knowledge in importance and imitations and cash flow analysis and cash flow statements.
DSE602		Theory and practice of GST	<ul style="list-style-type: none"> Students learns the GST & its importance ,as competitiveness improved across the markets, transaction costs were reduced. Due to easy tax compliance processes, conducting business improved.

			<ul style="list-style-type: none">● Students learn the uniformity in tax rates and structures, corporations can make better business decisions and investments.● Despite its challenges, it can be concluded that GST has been a positive step towards creating a unified indirect tax regime in India.● GST has provided numerous economic benefits, including increased revenue collection, improved transparency, and a unified market.● Importance of goods and services students should understand the tax structure.● Students learn the concept of direct tax & Indirect Tax● One tax one nation and its importance
DSE603		Accounting standards	<ul style="list-style-type: none">● Students understand about Preparing financial statements in accordance with appropriate standards. Preparing accounting information for planning and control and for the evaluation of products, projects and divisions.● Accounting Standards can be any form of statement which consists of rules and guidelines, issued by the accounting institutions, for the preparation of uniform and consistent financial statements.● Student learns the disclosures required by the different users of accounting information.



MARWADI SIKSHA SAMITHI
R.G. KEDIA COLLEGE
 (Affiliated to Osmania University, Recognized by AICTE)
 3-1-336, Esamia Bazar, Opp. New Chaderghat Bridge, Hyderabad- 500027.

Program name: B.COM Honors (2020-2021)

Program outcomes:

- It is one of the most versatile degree courses covering competencies relevant to several job industries.
- Enhances knowledge about economics, statistics, auditing, taxation and business management as well.
- Imparting greater professional depth and employable skills.
- Understanding of commerce and trade are in great demand in the current job industry.
- Provide broad range of managerial capability, as well as opportunities to gain expertise in their area of specialization.

Program specific outcomes:

- Developing ability to effectively communicate both orally and verbally
- To have exposure off complex commerce problems and find their solutions.
- To understand required mathematical, analytical and statistical tools for financial and accounting analysis.
- To develop self-confidence and awareness of general issues prevailing in the society.
- To develop processing information by effective use of IT tools.

Course outcomes:

Course code	Semester	Course name	Learning outcomes
AECC 1	I	c) Environmental Science	<ul style="list-style-type: none"> • Student develop the knowledge about Environment & Its Importance for the Natural Environment . • Students also learns the impact of Pollution & Welfare ACT by the State & Central Govt .
DSC101	I	Financial Accounting -I	<ul style="list-style-type: none"> • To understands the concept of accounting ,concepts & conventions , A/c standards , cycle process. • Students will understand the practical application in Companies Act 1956 & Final A/c. • Students acquires the knowledge application of depreciation , BRS , subsidiary books & rectification of errors.
DSC102		Business Organization and Management	<ul style="list-style-type: none"> • Student learns the trade , industry & commerce to start an enterprise. • Students understand the forms of organization & Its Importance . • Student also learns the Management & Functions of Management. • Student acquires the knowledge in Planning, departmentalization & Decentralization
DSC 103	I	Foreign Trade	<ul style="list-style-type: none"> • Students understand concept of trade & types of trade • Students imparts the practical knowledge in Trade policies, procedures & documentation. • Student learns the BOP, BOT deficit , surplus& importance monetary funds for the development of country. • Student also learns the role of ASEAN, SAARC WTO& orld Bank.
DSC104	I	Business Economics	<ul style="list-style-type: none"> • Student understands the concept of economics, importance of Micro & macro economics. • Students understand the concept law of demand, marginal utility, types of elasticity, law of supply , Production Function & Cost Analysis.
AECC2	II	d) Basic Computer Skills	<ul style="list-style-type: none"> • Students the importance of technology & its features. • Students imparts the knowledge in various

			applications in basic & Advanced level.
DSC201	II	Financial Accounting II	<ul style="list-style-type: none"> • Student acquires accounting knowledge of bills of exchange . • Student understands the practical knowledge in consignment A/c. • Students learns the joint ventures & Account preparation. • Students gets the practical knowledge in complete records & non profit organization.
DSC202	II	Business Laws	<ul style="list-style-type: none"> • To Understand the Importance of Indian Contract Act 1872. • To Understand the Sales Of Goods Act 1930. • To imparts the knowledge of Joint Stock Companies, Consumer Protection Act 1986.
DSC203	II	Banking & Financial Services	<ul style="list-style-type: none"> • Student Apply concepts relevant to Banking ,financial markets , financial institutions & markets. • It helps to understand the concept RBI , World Bank, Commercial Banks , Schedules bank, Hire purchase system, factoring, leasing,NABARD, SIDBI, SFC . • It helps to understand the role of Financial Institutions & their assistance. • Student acquires knowledge of Venture capital & contributes major role in the growth of Indian economy.
DSC204	II	Financial Management	<ul style="list-style-type: none"> • Assists in acquiring and managing funds. Helps in funds allocation. Provides insights to make critical financial decisions. Cuts down financial costs. And helps the students in understanding the wealth maximization ,profit maximization in prospective of Business and critical evaluation process in projects decision making.
SEC 1	III	Communication Skills	<ul style="list-style-type: none"> • Student acquires the knowledge in Skills & Its development. • Student imparts the practical knowledge in Communication & its types. • Student learns the Communication barriers.
SEC 1	III	A)Principles Of Insurance	<ul style="list-style-type: none"> • Students learns the concept of Insurance & its types of insurance . • Student also learns the importance of Insurance in Day- to-Day life. • Students the IRDA Act related to Insurance, Policies & Surrender Value .
DC301	III	Advanced accounting	<ul style="list-style-type: none"> • Student understands the Partnership A/c are maintained & the changes which affect the financial position of business in several situations. • Student also acquires the knowledge in joint stock company.
DSC 302	III	Business Statistics-I	<ul style="list-style-type: none"> • Students inculcate computational & analytical knowledge . • Students learns to represent the data in different ways. • Student also represents the data in statistical & graphical analysis.
DSC 303	III	Financial Institutes & Markets	<ul style="list-style-type: none"> • Student learns the importance of Financial Institutes & Markets Money market , Equity Market Bonds . • Student also imparts the knowledge in Securities,

			Debt - Market & Repo-Rates. <ul style="list-style-type: none"> Students Learn the IPO, FPO's & Stock Exchanges
DSC 304	III	Investment management	<ul style="list-style-type: none"> Student understand the concept of Investment Management ,risk & its return. Students imparts the practical knowledge in Market Indices & Time value of Money. Student distinguishes the traditional & Modern Portfolio -Analysis.
SEC 3	IV	Leadership And Management Skills	<ul style="list-style-type: none"> Students learn how to lead through character rather than through coping and Understand you're own and other peoples' values and beliefs. Learn how to manage conflict or opposition.
SEC 4	IV	B) Practice of Life & General Insurance	<ul style="list-style-type: none"> Student learns the Premium Calculations & Policy related issues. Student also learns the settlement of risk claim , underwriting financial risk & Tax Savings.
DSC 401	IV	Income tax	<ul style="list-style-type: none"> Student acquires the knowledge of individual assessment . Student learns the Computation of Income From five heads. Students calculate the income from other sources & notice of demand.
DSC 402	IV	Business statistics II	<ul style="list-style-type: none"> Student to describe the data & making evidence decision making inferential statistics that are based on well reasoned statistical arguments.
DSC403	IV	Corporate accounting	<ul style="list-style-type: none"> Student learns the practical knowledge in As-14 preparation of accounts in banking & insurance companies. Students learns the merger, amalgamation & internal reconstruction .
DSC 404	IV	Human Resource Management	<ul style="list-style-type: none"> Understand theories and practices in the field of Human Resources Management, Identify different methods of developing Human Resources . Develop knowledge of industrial laws.Demonstrate understanding of different appraisal methods, Understand organizational culture and climate and its implications for HRM
GE	V	b) Avanced Aspects Of Income Tax	<ul style="list-style-type: none"> Students learns the income gain in business. Students also learns the taxable income & Non Taxable Income . Student also learns the assessment of individual, deemed Assets & Assessment procedure.
DSE 501	V	Cost accounting	<ul style="list-style-type: none"> Student understands the importance of Cost A/c Applications of different types of costing. Students imparts the Knowledge of inventory techniques.
DSC 502	V	Computerized accounting	<ul style="list-style-type: none"> Students learns to maintaining charge of account In ERP,& the various accounts maintained in Tally ERP . Student understand the concept of Company creation & maintaining staff keeping units,inventory creating inventories,creation of stock growth,recording day to day transactions in ERP Student also learns the function keys in account receivable and payable management and Reports of Management Information System.
DSC 503	V	Auditing	<ul style="list-style-type: none"> To Acquire knowledge of Auditing as per companies Act 1956. To understand the necessity of Auditing in public &private enterprise To implement the transparency & accuracy in Accounting.

DSE504		Marketing Management	<ul style="list-style-type: none"> Students will be able to understand the concept, principles, practices and functions of Management. Student will enhance the communication skills, managerial skills, leadership skills and decision making skills of the students. Student imparts the knowledge in Marketing focuses on marketing practices and theories such as research, consumer nature, sales management, advertising, quality management, law, and ethics.
PR	VI	Research methodology & Project Report	<ul style="list-style-type: none"> Student learns the Research objectives, research classification, levels of measurement in particular field Student imparts the practical knowledge in applies various scales, hypothesis testing, Parametrics and non-para-metrics for problem Solving & research reports. Students learns the practical knowledge in the introduction, company profile, data analysis and interpretation, bibliography, appendices in chapter designing. Student explain the technical specifications of the project, notice the guidelines of project-work.
DSE601	VI	Cost control and management accounting	<ul style="list-style-type: none"> Student acquaint with cost control techniques, break even analysis, budgetary control and standard costing. Student know the budget and its advantage to have a control and techniques of financial statement analysis, managerial accounting decision making techniques and reporting methods like fund flow analysis Student imparts the practical knowledge in importance and imitations and cash flow analysis and cash flow statements
DSE602		Theory and practice of GST	<ul style="list-style-type: none"> Students learns the GST & its importance, as competitiveness improved across the markets, transaction costs were reduced. Due to easy tax compliance processes, conducting business improved. Students learns the uniformity in tax rates and structures, corporations can make better business decisions and investments. Despite its challenges, it can be concluded that GST has been a positive step towards creating a unified indirect tax regime in India. GST has provided numerous economic benefits, including increased revenue collection, improved transparency, and a unified market. Importance of goods and services students should understand the tax structure. Students learns the concept of direct tax & Indirect Tax. One tax one nation and its importance.
DSE603		Accounting standards	<ul style="list-style-type: none"> Students understand about Preparing financial statements in accordance with appropriate standards. Preparing accounting information for planning and control and for the evaluation of products, projects and divisions. Accounting Standards can be any form of statement which consists of rules and guidelines, issued by the accounting institutions, for the preparation of uniform and consistent financial statements. Student learns the disclosures required by the different users of accounting information.
DSE604		International finance	<ul style="list-style-type: none"> Student understands the familiarize with concepts in international finance and exchange rate mechanism, role of international finance manager in multinational corporations. Student learns the IMF solution and exchange rate regime since 1973 and the international flow of funds. Student learns the balance of trade & balance of

			payments with methods of compilation of statistics for country development.
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Program name: B.COM Computer Applications (2020-2021)

Program outcomes:

- Understanding of business Principles , Student should have strong foundation in business principles & concepts including accounting, finance, marketing & Management.
- Student should process a solid understanding of various computer applications & software to business operations, such as spread sheets, databases, presentation software, & accounting software.
- To analyze & interpret data using statistical techniques & Computer tools.
- Able to manage information system effectively.

Program Specific Outcomes

- Students will able to use accounting software effectively such as financial data entry , preparing financial statements, managing inventory & generating reports.
- Student will have a solid understanding of e-commerce principles , online payments System & process of setting up & managing online business.
- Students understand ratio analysis, Financial Statement analysis & Cash flow analysis.

Course outcomes:

Course code	Semester	Course name	Learning outcomes
AECC 1	I	e) Environmental Science	<ul style="list-style-type: none"> • Student develop the knowledge about Environment & Its Importance for the Natural Environment . • Students also learns the impact of Pollution & Welfare ACT by the State & Central Govt .
DSC101	I	Financial Accounting -I	<ul style="list-style-type: none"> • To understands the concept of accounting ,concepts & conventions , A/c standards , cycle process. • Students will understand the practical application in Companies Act 1956 & Final A/c. • Students acquires the knowledge application of depreciation , BRS , subsidiary books & rectification of errors.
DSC102		Business Organization and Management	<ul style="list-style-type: none"> • Student learns the trade , industry & commerce to start an enterprise. • Students understand the forms of organization & Its Importance . • Student also learns the Mangement & Functions of Management. • Student acquires the knowledge in Planning, departmentalization & Decentralization.
DSC 103	I	Fundamental Information Technology	<ul style="list-style-type: none"> • Student impart the knowledge in information technology in business. Student understands the basic application of M.S.office, customized desktop. • Student learns the Practical knowledge in data in Excel. • Students presents the data in spreadsheet & Power point presentation.
AECC2	II	f) Basic Computer Skills	<ul style="list-style-type: none"> • Students the importance of technology & its features. • Students imparts the knowledge in various applications in basic & Advanced level.
DSC201	II	Financial Accounting II	<ul style="list-style-type: none"> • Student acquires accounting knowledge of bills of exchange . • Student understands the practical knowledge in

			<p>consignment A/c.</p> <ul style="list-style-type: none"> Students learns the joint ventures & Account preparation. Students gets the practical knowledge in complete records & non profit organization.
DSC202	II	Business Laws	<ul style="list-style-type: none"> To Understand the Importance of Indian Contract Act 1872. To Understand the Sales Of Goods Act 1930. To imparts the knowledge of Joint Stock Companies, Consumer Protection Act 1986.
DSC203	II	Programming with C & C++	<ul style="list-style-type: none"> Student learns the structured language operators & decision making. Student learns the programming , arrays. Student imparts the knowledge in Compiler & Interpreter. To describe the procedural & object oriented paradigm with concepts of streams, classes functions, data & objects. To Understand the dynamic memory management , techniques using monitor, constructor, destructors.
SEC 1	III	Communication Skills	<ul style="list-style-type: none"> Student acquires the knowledge in Skills & Its development. Student imparts the practical knowledge in Communication & its types. Student learns the Communication barriers.
SEC 1	III	A)Principles Of Insurance	<ul style="list-style-type: none"> Students learns the concept of Insurance & its types of insurance . Student also learns the importance of Insurance in Day- to-Day life. Students the IRDA Act related to Insurance, Policies & Surrender Value .
DC301	III	Advanced accounting	<ul style="list-style-type: none"> Student understands the Partnership A/c are maintained & the changes which affect the financial position of business in several situations. Student also acquires the knowledge in joint stock company.
DSC 302	III	Business Statistics-I	<ul style="list-style-type: none"> Students inculcate computational & analytical knowledge . Students learns to represent the data in different ways. Student also represents the data in statistical & graphical analysis.
DSC 303	III	Relational Data Base Management System	<ul style="list-style-type: none"> Student understand the basic concepts & the applications of data base systems.Master the basics of SQL construct queries using SQL.
SEC 3	IV	Leadership And Management Skills	<ul style="list-style-type: none"> Students learn how to lead through character rather than through coping and Understand you're own and other peoples' values and beliefs. Learn how to manage conflict or opposition.
SEC 4	IV	C) Practice of Life & General Insurance	<ul style="list-style-type: none"> Student learns the Premium Calculations & Policy related issues. Student also learns the settlement of risk claim , underwriting financial risk & Tax Savings.
DSC 401	IV	Income tax	<ul style="list-style-type: none"> Student acquires the knowledge of individual assessment . Student learns the Computation of Income From

			<p>five heads.</p> <ul style="list-style-type: none"> Students calculate the income from other sources & notice of demand.
DSC 402	IV	Business statistics II	<ul style="list-style-type: none"> Student to describe the data & making evidence decision making inferential statistics that are based on well reasoned statistical arguments.
DSC403	IV	Web Technologies	<ul style="list-style-type: none"> Student Analyze a web page and identify its elements and attributes. Student Create web pages using XHTML and Cascading Style Sheets. Build dynamic web pages using JavaScript (Client side programming). Create XML documents and Schemas
GE	V	c) Advanced Aspects Of Income Tax	<ul style="list-style-type: none"> Students learns the income gain in business. Students also learns the taxable income & Non Taxable Income . Student also learns the assessment of individual, deemed Assets & Assessment procedure.
DSE 501	V	Cost accounting	<ul style="list-style-type: none"> Student understands the importance of Cost A/c Applications of different types of costing. Students imparts the Knowledge of inventory techniques.
DSC 502	V	Computerized accounting	<ul style="list-style-type: none"> Students learns to maintaining charge of account In ERP,& the various accounts maintained in Tally ERP . Student understand the concept of Company creation & maintaining staff keeping units,inventory creating inventories,creation of stock growth,recording day to day transactions in ERP Student also learns the function keys in account receivable and payable management and Reports of Management Information System.
DSE503		E-Commerce	<ul style="list-style-type: none"> Student understands the importance of buying & Selling online Student learns the Practical knowledge in technology in Different applications. Student imparts the traditional marketing & Modern Marketing.
PR	VI	Research methodology & Project Report	<ul style="list-style-type: none"> Student learns the Research objectives,research classification,levels of measurement in particular field Student imparts the practical knowledge in applies various scales,hypothesis testing,parametrics and non para-metrics for problem Solving & research reports. Students learns the practical knowledge in the introduction,company profile ,data analysis and interpretation,bibliography,appendices in chapter designing. Student explain the technical specifications of the project,notice the guidelines of project work.
DSE601	VI	Cost control and management accounting	<ul style="list-style-type: none"> Student acquaint with cost control techniques, break even analysis, budgetary control and standard costing. Student know the budget and its advantage to have a control and techniques of financial statement analysis , managerial accounting decision making techniques and reporting methods like fund flow analysis Student imparts the practical knowledge in importance and imitations and cash flow analysis and cash flow statements
DSE602		Theory and practice of GST	<ul style="list-style-type: none"> Students learns the GST & its importance ,as competitiveness improved across the markets, transaction costs were reduced. Due to easy tax

			<p>compliance processes, conducting business improved.</p> <ul style="list-style-type: none">● Students learns the uniformity in tax rates and structures, corporations can make better business decisions and investments.● Despite its challenges, it can be concluded that GST has been a positive step towards creating a unified indirect tax regime in India.● GST has provided numerous economic benefits, including increased revenue collection, improved transparency, and a unified market.● Importance of goods and services students should understand the tax structure.● Students learns the concept of direct tax & Indirect Tax. One tax one nation and its importance
DSE603		Cyber Security	<ul style="list-style-type: none">● Students understand the Concept of cyber security & its challenges like ethical hacking, cyber security awareness, cyberspace, and threat management.● Student learns the knowledge in basic HTTP, soap , authorization patterns.● Student understands the concept of unauthorized access, Cryptography, cyber space & cyber law in India.



Program name: B.COM Business Analytic s (2021-2022)

Program outcomes:-

- Knowledge of Business Processes and to promote the entrepreneurial skills among the students
- Enhancing the Capabilities of Critical and Analytical Thinking
- Offering International Perspectives building Social Sensitivity, Understanding Corporate Social Responsibility, Ethical, and Sustainable Business practices.
- Demonstrate consideration for social, moral, and environmental issues.

Program Specific Outcomes:-

- Developing Conceptual Clarity in Different Functional Areas
- To learn the Practical application of Statistics
- To impart knowledge and mathematical abilities, analytical skills, and managerial perspective to students in order to prepare them for the highly competitive business world.
- To gain the Specific Knowledge on Financing, Investment analysis and Decision making.
- To gain the knowledge in the area of research.

Improvement of interpersonal abilities:-

- Understanding of business Principles , Student should have strong foundation in business principles & concepts including accounting, finance, marketing & Management.
- Student should process a solid understanding of various computer applications & software to business operations, such as spread sheets, databases, presentation software, & accounting software.
- To analyze & interpret data using statistical techniques & Computer tools.
- Able to manage information system effectively.

Course outcomes:

Course code	Semester	Course name	Learning outcomes
AECC 1	I	g) Environmental Science	<ul style="list-style-type: none">• Student develop the knowledge about Environment & Its Importance for the Natural Environment .• Students also learns the impact of Pollution & Welfare ACT by the State & Central Govt .
DSC101	I	Financial Accounting -I	<ul style="list-style-type: none">• To understands the concept of accounting ,concepts & conventions , A/c standards , cycle process.• Students will understand the practical application in Companies Act 1956 & Final A/c.• Students acquires the knowledge application of depreciation , BRS , subsidiary books & rectification of errors.
DSC102		Business Organization and Management	<ul style="list-style-type: none">• Student learns the trade , industry & commerce to start an enterprise.• Students understand the forms of organization & Its Importance .• Student also learns the Mangement & Functions of Management.• Student acquires the knowledge in Planning, departmentalization & Decentralization.

DSC 103	I	Data driven Decision Making	<ul style="list-style-type: none"> To make student learn data-drive and decision making, identifying hurdles and data benefiting the organization. Student acquires the knowledge in Identifying the categories of Analytical people
AECC2	II	h) Basic Computer Skills	<ul style="list-style-type: none"> Students the importance of technology & its features. Students imparts the knowledge in various applications in basic & Advanced level.
DSC201	II	Financial Accounting II	<ul style="list-style-type: none"> Student acquires accounting knowledge of bills of exchange . Student understands the practical knowledge in consignment A/c. Students learns the joint ventures & Account preparation. Students gets the practical knowledge in complete records & non profit organization.
DSC202	II	Business Laws	<ul style="list-style-type: none"> To Understand the Importance of Indian Contract Act 1872. To Understand the Sales Of Goods Act 1930. To imparts the knowledge of Joint Stock Companies, Consumer Protection Act 1986.
DSC203	II	Data Analytics Essentials	<ul style="list-style-type: none"> To make students learn essentials of Data Analytics and types of variables, distinguish between continuous and discrete Analyses. To overview on probability on data analytics.
SEC 1	III	Communication Skills	<ul style="list-style-type: none"> Student acquires the knowledge in Skills & Its development. Student imparts the practical knowledge in Communication & its types. Student learns the Communication barriers.
SEC 1	III	A)Principles Of Insurance	<ul style="list-style-type: none"> Students learns the concept of Insurance & its types of insurance . Student also learns the importance of Insurance in Day- to-Day life. Students the IRDA Act related to Insurance, Policies & Surrender Value .
DC301	III	Advanced accounting	<ul style="list-style-type: none"> Student understands the Partnership A/c are maintained & the changes which affect the financial position of business in several situations. Student also acquires the knowledge in joint stock company.
DSC 302	III	Business Statistics-I	<ul style="list-style-type: none"> Students inculcate computational & analytical knowledge . Students learns to represent the data in different ways. Student also represents the data in statistical & graphical analysis.
DSC 303	III	Data Analytics Modelling	<ul style="list-style-type: none"> To make students to learn data analytics, identifying business values and different project process. Student Analyze the data in decision making.
SEC 3	IV	Leadership And Management Skills	<ul style="list-style-type: none"> Students learn how to lead through character rather than through coping and Understand you're own and other peoples' values and beliefs. Learn how to manage conflict or opposition.

SEC 4	IV	D) Practice of Life & General Insurance	<ul style="list-style-type: none"> • Student learns the Premium Calculations & Policy related issues. • Student also learns the settlement of risk claim , underwriting financial risk & Tax Savings.
DSC 401	IV	Income tax	<ul style="list-style-type: none"> • Student acquires the knowledge of individual assessment . • Student learns the Computation of Income From five heads. • Students calculate the income from other sources & notice of demand.
DSC 402	IV	Business statistics II	<ul style="list-style-type: none"> • Student to describe the data & making evidence decision making inferential statistics that are based on well reasoned statistical arguments.
DSC403	IV	Forecasting and predictive Analytics	<ul style="list-style-type: none"> • To make the students to understand the Analytics of forecasting and predictive, identifying linear regression models and their application in data analysis.
GE	V	d) Advanced Aspects Of Income Tax	<ul style="list-style-type: none"> • Students learns the income gain in business. • Students also learns the taxable income & Non Taxable Income . • Student also learns the assessment of individual, deemed Assets & Assessment procedure.
DSE 501	V	Cost accounting	<ul style="list-style-type: none"> • Student understands the importance of Cost A/c • Applications of different types of costing. • Students imparts the Knowledge of inventory techniques.
DSC 502	V	Computerized accounting	<ul style="list-style-type: none"> • Students learns to maintaining charge of account In ERP,& the various accounts maintained in Tally ERP . • Student understand the concept of Company creation & maintaining staff keeping units,inventory creating inventories,creation of stock growth,recording day to day transactions in ERP • Student also learns the function keys in account receivable and payable management and Reports of Management Information System.
DSE503		Advance data visualizing	<ul style="list-style-type: none"> • To make the student to understand the advance data visualization , charts and graph selection, business intelligence. • To overview on report building and online analytical processing.
PR	VI	Research methodology & Project Report	<ul style="list-style-type: none"> • Student learns the Research objectives,research classification,levels of measurement in particular field • Student imparts the practical knowledge in applies various scales,hypothesis testing,para metrics and non para-metrics for problem Solving & research reports. • Students learns the practical knowledge in the introduction,company profile ,data analysis and interpretation,bibliography,appendices in chapter designing. • Student explain the technical specifications of the project,notice the guidelines of project work.
DSE601	VI	Cost control and management	<ul style="list-style-type: none"> • Student acquaint with cost control techniques, break even analysis, budgetary

		accounting	<p>control and standard costing.</p> <ul style="list-style-type: none"> • Student know the budget and its advantage to have a control and techniques of financial statement analysis , managerial accounting decision making techniques and reporting methods like fund flow analysis • Student imparts the practical knowledge in importance and imitations and cash flow analysis and cash flow statements
DSE602		Theory and practice of GST	<ul style="list-style-type: none"> • Students learns the GST & its importance ,as competitiveness improved across the markets, transaction costs were reduced. Due to easy tax compliance processes, conducting business improved. • Students learns the uniformity in tax rates and structures, corporations can make better business decisions and investments. • Despite its challenges, it can be concluded that GST has been a positive step towards creating a unified indirect tax regime in India. • GST has provided numerous economic benefits, including increased revenue collection, improved transparency, and a unified market. • Importance of goods and services students should understand the tax structure. • Students learns the concept of direct tax & Indirect Tax.One tax one nation and its importance
DSE603		Business Applications of emerging technologies	<ul style="list-style-type: none"> • To learn and understand the technologies of business application of emerging trend. And finance transformation, robotic processing , artificial intelligence and cyber security.



Program name: BSc. Mathematics (2020-2021)

Program outcomes:

- Students will be aware of and able to develop solution oriented approach towards social and environmental issues.
- Students will become employable.
- Students will possess basic subject knowledge required for higher studies.
- Acquire basic practical and technical knowledge.
- Scientific temper will develop in students.

Program specific outcomes:

- A student should be able to recall basic facts about mathematics and should be able to display knowledge of conventions such as notations, terminology.
- A student should get adequate exposure to global and local concerns that explore them many aspects of mathematical sciences.
- Students are equipped with problem solving skills, creative talent and power of communication necessary for various kinds of employment.
- Enabling students to develop positive attitude towards mathematics as an interesting and valuable subjects of study.

Course Outcomes:

paper	semester	Course name	Learning outcome
DSC-I	I	Differential and integral calculus	Students are able to understand the geometrical representation of function of two variables, define the concepts of limit and continuity, study about higher order partial derivatives, understand homogeneous function, solve the problems on Taylor's series and Lagrange's method, discuss about various revolutions.
DSC-II	II	Differential equations	To learn ordinary, partial differential equations and their problems, understand integrating factors in different methods, imagine exact total differential equations, using various methods to finding a general solution of $F(x,y,z)=0$, understand different concepts involved in applications of first order differential equations, solve the problems on homogeneous, non homogeneous linear differential equations.
DSC-III	III	Real analysis	Student in a position to explain sequence, convergence, limit, monotone sequence, sub sequence, limit inferior, limit superior, explain the steps involved in BOLZANO -WIERSTRASS theorem, explain steps involved in intermediate value theorem. Explain the fundamental theorem calculus-I, II.
SEC –(IIB)	III	Logic and sets	To learn concepts in set theory and logic, appreciate its importance in the development of computer science, students recognize different connectives and draw truth tables, recognize the uses of quantifiers, explain the different steps involved in the theorem's proofs, explain different set operations, laws of set theory, Venn diagram, define and explain probability and axioms on probability, discuss conditional probability, independence, discrete random variable concept problems.

DSC-IV	IV	Algebra	Student in a position to define GROUP and understand about closure law ,associative law ,identity ,inverse , abelian group, understand the concept of sub group, explain the steps involved in Lagrange's theorem, Fermat's little theorem, discuss about homomorphism ,kernel, isomorphism, auto orphism ,explain about Ring, properties, subbing ,field, ideal ,integral domain and solve problems related to them, deeply understand the theorems of characteristic of a Ring, explain division algorithm and consequences.
SEC IV(B)	IV	Vector Calculus	To realize vector calculus used to address the some of the problems in physics, understand about line integral evaluation, conservative vector fields, thing about surface integrals, explain pipe evaluation of line integral, student about evaluation of volume integrals, deeply understand and solve the problems related to gradient ,divergence, curl concepts.
DSC-V	V	Linear Algebra	Define and explain the properties of vector space, sub space, solve example problems, contrast between Null A and Col A, explain unique representation theorem ,study several interesting and useful relationship between these sub spaces in terms of basis, dimension ,rank, study about Eigen values ,Eigen vectors, characteristic equation ,explain the steps involved in diagonalization theorem, solve the problems on orthogonal vectors, orthogonal components.
GE-V(A)	V	Basic mathematics	To understand the basic concepts of coordinate geometry like Cartesian coordinate system, polar coordinates, define different formulae of triangle, explain different forms of equation of straight-line, define angle between two lines, point of intersection of two lines, position of a point with respect to given line, understand definitions, notations ,operations of matrices ,determinant etc, study the concept of linear system of equations in which learn rank of a matrix, application of rank concept, solution to the linear system of equations, explain steps involved in Cramer's rule, inversion method.
DSC-VI(C)	VI	Analytical Solid geometry	Student remember basic concepts like coordinates, the plane, the line, interpretation of equations-loci, transformation of coordinates, explain the general equations of sphere ,cone ,cylinder ,the conicoid, recognize difference between sphere cone cylinder ,conicoid, explain different formulae of sphere ,cone, right circular cone, cylinder, right circular cylinder, Solve different problems related to cone, sphere cylinder, conicoid understand the terms like tangent plane, angle of intersection, radical plane, intersection of a plane with a cone, plane of contact.
OPTIONAL-VI	VI	Mathematical Modeling	Understand the definition of model with different examples, search for exponential decay and radioactivity, explore case studies ,lake pollution model ,read the models of single population, increasing population models, case study on cholera-predators and prey-competing species, student formulate the heat and mass transport models in this learn basic physical laws, model for a hot water heater, understand Fourier's law, understand heat conduction through a wall, relative heat conduction ,diffusion. Explain briefly about

			partial differential equation concept, workout case study on detecting land mines -lake pollution.
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Programme Name:- B.Sc(Statistics)2020-2021

DEPARTMENT OF STATISTICS

Program Outcomes

- Acquire understanding of theoretical and practical aspects of statistics and to be able to relate them to real life.
- Applying various statistical tools to draw inferences.
- To learn the knowledge of latest tools & technologies in the area of statistics and enable students to effectively use statistical software's to problems relating in real life.

Program specific outcomes

- To select modern computing tools and techniques to meet the desired needs of the society such as safety, security and applicability.
- To get the knowledge of the advanced software tools which is very useful for further career in IT.?
- Using Statistical software tools and applying the logical and analytical skills to solve real life problems in related areas.
- Gain knowledge on theorems in Algebra, Analysis, Differential Equations and Linear Algebra and enhance themselves in mathematical skills for better employability

Course OutcomesSemester - I

Subject: Descriptive Statistics and Probability Paper-I (DSC-2A)

Course Objective: The objective of the paper is to understand the descriptive statistics and the application of Probability in real life.

Course Outcomes:

- Students will be able to understand the descriptive statistics for the data and interpret the data with the appropriate graphs.
- Learn how to calculate measures of central tendency and measures of dispersion.
- Students will be able to learn probability and its applications in real life with examples.
- Understand the concept of discrete and continuous random variables.
- Understand the definitions of various generating functions, with their statements and properties with applications which will be useful in next semester.

Semester - II

Subject: Probability Distribution Paper-II (DSC-2B)

Course Objective:

The course is designed for the students to learn the various discrete and continuous probability distributions.

Course Outcomes:

- Distinguish between discrete and continuous distribution.
- Derive various descriptive statistics using generating functions, their limitations and advantages of discrete and continuous distributions.
- Understand the importance and application of normal distribution.
- Practical problems in fitting of discrete and continuous distribution by using MS-EXCEL.

Semester - III

Subject: Statistical Methods and Theory of Estimation Paper-III (DSC-2C)

Course Objective:

The course is aimed at exposing the students to learn the various statistical methods and Estimation of parameters in Distribution theory.

Course Outcomes:

- Perform qualitative data analysis using theory of attributes.
- Understanding the concepts of partial and multiple correlation coefficients.
- Regression Analysis is performed by using least square methodology.
- Understand the concept of characteristics of a good estimator.
- Understand difference between point estimator and interval estimation.
- Understand the theory of Maximum Likelihood estimation and the method of moments.
- Definitions, properties and applications of chi-square, t and F distributions.
- Practical knowledge of curve fitting by the method of least squares, correlation and regression lines by using MS-EXCEL.

Semester - IV

Subject: Statistical Inference Paper-IV (DSC-2D)

Course Objective: The purpose of this paper is to draw the inference to the population parameters based on sample tests.

Course Outcomes:

- Application of Large sample tests and small sample tests, framing the hypothesis, level of significance, comparison between tabulated value and calculated value, decision making and statistical inference.
- Comparison between parametric and non-parametric tests their advantages and disadvantages and the concept of measurement scale.
- Use of central limit theorem in various sample tests.
- Learn the various non-parametric tests of one sample and two independent samples.
- Practical knowledge to the small sample test, chi-square and non-parametric tests by using MS-EXCEL.

Semester – V

Subject: Sampling Theory, Time series, Index numbers and Demand Analysis.

Paper-V (DSC-2E)

Course Objectives: The objective of this paper is

1. To make students to be able to draw samples using different methods and estimate mean and variance of sampling methods.
2. To make students understand the definition, importance, and uses of time series data.
3. The uses of index number are to provide a value useful for comparing magnitudes of related variables to each other and to measure the changes in these magnitudes over time.
4. Students will be able to understand the concept of demand, supply and price. Different measures of demand analysis and elasticity of demand and supply.

Course Outcomes:

- Principles of Sample survey understand the errors in sampling design; apply the necessary sampling technique based on the objective.
- Understand the time series data, compute trend component using different methods and calculate seasonal indices by various methods.
- Understand how demand and supply related with the price of a product and quantity of the same product.
- Understanding demand curve from time series data by Leontief's and Pigou's method.
- Construction of Cost of Living Index numbers.
- Understand the concept of Base shifting, Splicing and deflation of index numbers.
- Practical knowledge in measurement of trend by the method of least squares and moving averages and determination of seasonal indices by various methods in MS-EXCEL.

Subject: Statistical Quality Control and Reliability

Paper – VIA (DSE-2E) Course Objectives:

1. Students will be able to understand the Definition, uses and applications of SQC. Concept of process control and can use various variable and attribute charts to draw interpretations to the given data.
2. Product control: Accepting sampling plans, single sampling plan, double sampling plan with their properties are taught.
3. Definition of reliability, series and parallel configurations in system reliability are taught.

Course Outcomes:

- Students will be able to apply the control charts for variables and attributes to the problem to ensure that the production process is under control or not.
- Understand the concept of natural tolerance limits, specification limits, process capability index and modified control charts.
- To arrive on the decision regarding the sample size while implementing Acceptance Sampling Plans.
- Understand Definitions of Producer risk and consumer risk, AQL and LTPD
- Gain the knowledge of single and double sampling plans for their attributes and their OC and ASN functions.
- Practical knowledge to the control charts for variables and control charts for attributes by using MS-EXCEL.

Semester – VI

Subject: Design of Experiments, Vital Statistics, Official Statistics & Business Forecasting.

Paper – VII (DSC-2F) Course Objectives:

1. Students will be able to understand the concept of ANOVA and will be able to apply ANOVA one way and two way in real life applications.
2. Designs of experiments: CRD, RBD and LSD are explained.
3. To make students understand the functions of NSSO and CSO.
4. Students gain the knowledge on the concept of national income.
5. Different measures of fertility, mortality and population growth rates are explained to students.

Course Outcomes:

- Perform ANOVA and interpret the results.
- Grab the skills to use life tables and calculate survival rates, birth rates.
- Understanding the Functioning of various statistical organizations. Various measures of population growth.
- To perform ANOVA by using CRD, RBD, and LSD and Construction of mortality rates fertility rates and life tables by using MS-EXCEL.

Subject: Operations Research Paper – VIIIA (DSE-2F)

Course Objectives:

1. An outcome of this course is to find optimum solution to a given linear programming problem using various methods.
2. Optimum solutions for Transportation problem, Assignment problems and travelling salesman problems are taught.
3. Students will be able to learn how to find the optimum sequence to a given job sequencing problem.

Course outcomes:

- To formulate the LPP and solve the same by using Graphical, Simplex and artificial variable techniques.
- Obtain IBFS to the transportation problem by using NWCR, VAM, and Matrix Minima method and hence obtain optimum solution by using MODI method.
- To obtain optimal solution through Hungarian method.
- To obtain optimal sequence of N jobs on two and three machines without passing.
- Practical exposure to the problems in operations research by using Statistical tool TORA.



ELECTRONICS(2020-2021)
BSc Electronics Program Outcome

- Understand the basic concepts of electronics components, network theorem, digital electronics, solid state semiconductor devices, amplifier theory, Analog and Digital circuits, basic circuits, design using circuit maker software and their application.
- Analyze different parameters of various circuits.
- Understand the use of electronics in the field of computer science.
- Perform and testing of different electronics components and circuits.
- Analyze the Input, Output V-I characteristics of the circuits.
- Understand the application of Electronics in domestic appliances.
- Analyze the relationship between analogue and digital circuits.
- Repair small household electrical and electronics appliances.

COURSE OUTCOME

SUBJECT: E1-CIRCUIT ANALYSIS

- Will be able to understand the concept of electronic components and its arrangement to retrieve the results.
- Apply Kirchhoff's laws to any network circuit to get the output.
- Understanding the concept of Node, Mesh, loop and retrieving the current and voltage outcome.
- Measuring the properties like time, frequency, current, wavelength, phase, voltage etc by using circuits and formula.
- Will be able to solve any kind of network which consists of R,L,C components in series and parallel form

SUBJECT: E2-ELECTRONIC DEVICES

- To construct PN junction diode with P-type and N-type materials and calculates its current and voltage parameters.
- To construct Zener, Tunnel, and Varactor diodes and calculates its characteristics.
- How temperature is affected by using different diodes in forward and reverse bias conditions.
- How to construct Transistors in Bi-directional and Uni-directional depending on their terminals.
- How to form Metal oxide semiconductor and to calculate depletion and enhancement modes.
- How to construct LED, LDR, SCR, Photo diode, photo transistor.

SUBJECT: E3- ANALOG CIRCUITS

- How to convert AC signal into DC signal by using Rectifier and Filters.
- How three terminal devices work and how to use SMPS AND UPS technique.
- Calculation of feedback in circuit as positive or negative form.
- How Oscillations are constructed and their types.
- How to generate multiple wave form by using different components.

SUBJECT: E4- LINEAR INTERGRATED CIRCUITS AND BASICS OF COMMUNICATION

- Arranging circuits in linear form and calculating the output.
- Calculation of different operations like addition, subtraction, logarithmic, comparator, differentiation and integration using Amplifier and how to generate Sine, Square, Triangular, A-stable multi-vibrator, Mono stable multi-vibrator.
- Understanding the operation of IC 555 Timer and retrieving Astable and Mono stable multi-vibrators.
- Need of modulation process in communication and generation of AM, FM PM Waves.

SUBJECT: E5-DIGITAL ELECTRONICS (DSE-1)

- How communication is possible between user and any system by using Number systems.
- Applying the laws like Boolean algebra, De-Morgan's to the given circuits and reduces the operation on it.
- How sequential and combinational circuits are formed and used in day to day life.
- Knowing the difference between Analog and Digital signals.
- Application to serial communication.
- Understanding the concept of Microprocessor and how it is used in the process of digital communication.

SUBJECT: E6- 8051 MICRO CONTROLLER AND APPLICATION

- Along with Processor how Controller works in process of digital and analog communication.
- How to write assemble language program using different instruction set and addressing modes.
- How it is applicable to LCD, Keyboard, seven segments LED, ADC and DAC etc.
- How to convert analog to digital form vice-versa.



Program Name: B.Sc Computer science (2020-2021)

Program Outcomes:

- Develop ability to analyze a problem, identify and define the computing requirements, which may be appropriate to its solution.
- To prepare students to undertake careers involving problem solving using computer science and technologies.
- Develop ability to pursue advanced studies and research in computer science.
- To produce entrepreneurs who can innovate and develop software products.

Program specific outcome:-

1. Apply fundamental principles and methods of Computer Science to a wide range of applications.
2. Design, correctly implement and document solutions to significant computational problems.
3. Impart an understanding of the basics of our discipline.
4. Prepare for continued professional development.
5. Develop proficiency in the practice of computing.

Course outcome:

Semester	Course Name	Learning outcome
I	Programming in C	<ul style="list-style-type: none"> • Students learn about the basic concepts of program development statements and its syntax. various types of arrays its structure, Functions and String handling mechanisms. • Student understood concepts of structures and Unions. They learn various operations performed on different types of files.
II	Programming in C++	<ul style="list-style-type: none"> • Students got to know about top-down and bottom-up programming approach and apply bottom up approach to solve real world problems. • Student understood difference between static and dynamic binding, how to apply both techniques to solve problems. • They understood concept of inheritance how to apply in real world problems. They learn generic data type for independent programming which relate it to re usability.
III	Data structure	<ul style="list-style-type: none"> • Students understood different methods of organizing large amount of data using data structure. • Student able to choose appropriate data structure as applied to specified problem definition various techniques for representation of the data in the real world. • Student compute the complexity of various algorithms and to understand internal structure of compiler and interpreters.
IV	DBMS	<ul style="list-style-type: none"> • Students were able to understand database concepts and database management system software. • To Analyze and design a real database application. Develop and evaluate a real database application using a database management system. • Student was able to develop applications using PL/SQL & front end tools.
V	Programming in Java	<ul style="list-style-type: none"> • Students learn basic Java language syntax and semantics to write Java programs. They understood the concepts of variables, conditional and iterative execution methods etc. • Student learns the fundamentals of object-oriented programming in Java, including defining classes, objects, invoking methods. • Student learns about various methodologies to handle the exception mechanisms and the principles of inheritance, packages and interfaces. • To demonstrate the programming concepts for applet and graphics.
		<ul style="list-style-type: none"> • Students were able to analyze a web page and identify its elements and attributes. Create web pages using XHTML and Cascading Style Sheets.

VI	Web Technologies	<ul style="list-style-type: none">Students acquire the knowledge to build dynamic web pages using JavaScript (Client side programming). Create XML documents and Schemas.
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Program Name: BBA (2020-2021)

Program Outcomes:-

- Knowledge of Business Processes and to promote the entrepreneurial skills among the students
- Enhancing the Capabilities of Critical and Analytical Thinking
- Offering International Perspectives
- Building Social Sensitivity and Understanding Corporate Social Responsibility, Ethical, and Sustainable Business Practices Demonstrate consideration for social, moral, and environmental issues.
- Improvement of interpersonal abilities, communication Skills, Professional Skills.
- Students will learn relevant financial accounting career skills, applying both quantitative and qualitative knowledge to their future careers in business.

Program Specific Outcomes:-

6. Developing Conceptual Clarity in Different Functional Areas
7. To learn the Practical application of Management Skills
8. To impart knowledge and abilities, analytical skills, and managerial perspective to students in order to prepare them for the highly competitive business world.
9. To gain the Specific Knowledge on Financing, Investment analysis and Decision making.
10. To gain the knowledge in the area of research
11. To develop the knowledge
12. Application of statistical Analysis in Business decision making by collecting the data using different methods of sampling technique.
13. Learn how to create a 'safe' environment to enable others to fulfill their potential.
14. Be able to identify relevant legal issues and to understand, interpret and apply statutes and case law in the area of business associations at a developing level.

Course Outcomes:

Course Code	Semester	Course Name	Learning Outcome
AECC-1	I	i) Environmental Science	<ul style="list-style-type: none"> • Student develops the knowledge about Environment & Its Importance for the Natural Environment. • Students also learns the impact of Pollution & Welfare ACT by the State & Central Govt .
DSC 101	I	Principles of Management	<ul style="list-style-type: none"> • Integrate management principles into management practices. Analyse managerial decisions and practices in light of ethical standards and values. Describe the various situations in which the managerial duties of organizing, planning, and controlling may be carried out. • Student analyse several strategies for resolving diversity-related concerns.Demonstrate the ability to directing, leadership and communicate effectively.
DSC 102	I	Basics of Marketing	<ul style="list-style-type: none"> • An overview of the marketing function is given to students in this course, with a focus on the creation of value through marketing, market research, consumer behaviour, pricing strategies, marketing channels, and various forms of promotion. • It must take into account the numerous marketing decision-making domains as well as the tools and techniques employed by marketing managers.

DSC 103	I	Business Economics	<ul style="list-style-type: none"> In this course, the students will learn how decisions made by consumers, firms and governments about the use of resources — like time and money — affect business. The economic factors that all businesses face, like supply and demand, inflation, international trade, unemployment, and governmental policies.
AECC- 1	II	Basic Computer Skills	<ul style="list-style-type: none"> This course aims to familiarize with computers and Microsoft Windows, while learning basic computer, mouse and keyboard skills in a supportive classroom environment.
DSC 201	II	Organizational Behaviour	<ul style="list-style-type: none"> To understand the conceptual framework of the discipline of OB and its practical applications in the organizational set up. To deeply understand the role of individual, groups and structure in achieving organizational goals effectively and efficiently. To critically evaluate and analyse various theories and models that contributes in the overall understanding of the discipline. To develop creative and innovative ideas that could positively shape the organizations.
DSC 202	II	Business Statistics	<ul style="list-style-type: none"> Describe and discuss the key terminology, concepts tools and techniques used in business statistical analysis .Critically evaluate the underlying assumptions of analysis tools .Understand and critically discuss the issues surrounding sampling and significance. Conduct basic statistical analysis of data.
DSC 203	II	Financial Accounting	<ul style="list-style-type: none"> Students will demonstrate progressive cognitive domain development of knowledge, comprehension, and application of rational economic decision making using: accounting discipline language, methods of classification, standards and computational procedures in all courses.
SEC 2	III	Basic Quality Management	<ul style="list-style-type: none"> Students get to know about the evolution and importance of quality management. Helps the students get aware of various tools used for quality management in the organizations. Students will be able to use the six sigma applications for quality check.
DSC 301	III	Human Resource Management	<ul style="list-style-type: none"> Understand theories and practices in the field of Human Resources Management, Identify different methods of developing Human Resources . Develop knowledge of industrial laws.Demonstrate understanding of different appraisal methods, Understand organizational culture and climate and its implications for HRM
DSC 302	III	Information Technology For Business	<ul style="list-style-type: none"> The students can demonstrate that they can apply a variety of information technologies to their own

			work, demonstrating their competence in researching, creating, and presenting projects using a variety of digital information tools. . Demonstrate that they can use digital technology in research, analysis, and critical inquiry.
DSC 303	III	Financial Management	<ul style="list-style-type: none"> Assists in acquiring and managing funds. Helps in funds allocation. Provides insights to make critical financial decisions. Cuts down financial costs. And helps the students in understanding the wealth maximization ,profit maximization in prospective of Business and critical evaluation process in projects decision making.
SEC - 3	IV	Leadership And Management Skills	<ul style="list-style-type: none"> Students learn how to lead through character rather than through coping and Understand you're own and other peoples' values and beliefs. Learn how to manage conflict or opposition.
SEC - 4	IV	Business Policy And Strategy	<ul style="list-style-type: none"> The students understand the business environment and design strategies to meet challenges and micro factors which effect business plans and policies.
DSC - 401	IV	Business Law & Ethics	<ul style="list-style-type: none"> To Understand the Importance of Indian Contract Act 1872. To Understand the Sales Of Goods Act 1930. Understand the rules governing formation, management and dissolution of the most common forms of business associations, as well as the implications of choosing one form of association over others.
DSC – 402	IV	Market Research	<ul style="list-style-type: none"> The course considers both academic and applied research in marketing. The course aims to provide students with the necessary knowledge and skills involved in undertaking a dissertation and wider marketing research. The course will engage students in the (marketing) research process which involves the systematic gathering, recording and analysing of data about problems relating to the marketing of goods and services. Students will be provided with an appreciation of the information requirements in various marketing situations, the research process and the systematic methodology in achieving marketing information objectives. Students will also learn how marketing research can be

			utilised by management in order to improve the effectiveness of the marketing decision-making process and secondly how research can aid development of marketing as an academic discipline.
DSC – 402	IV	Management Science	<ul style="list-style-type: none"> • The course helps the students to understand the critical thinking and problem solving techniques. • The students will understand the concept of operation research & techniques implemented like linear programming, Non-linear programming techniques to get a initial basic feasible solution. • Students learns the concept of optimum utilization resources to get efficient & effective output. Student gets the practical knowledge in manufacturing unit like casting, drilling, welding, etc. & methods of stores management
GE-1	V	Mobile Commerce	<ul style="list-style-type: none"> • Students differentiate the normal selling & online selling. • Student understand the concept of positive impact of technology on m-commerce. Student gets to know the evolution of technology . • Hybrid devices helps in E-learning with wire less technologies. Data is secure in encrypted & decrypt protecting the authorized user.Students learns the digital payments ,data security & confidentiality.
DSE-501(b)	V ELECTIVE (MARKETING)	Brand Management	<ul style="list-style-type: none"> • Student acquires the concept of branding & process to attract the customers in market.Students understands the brand extension & equity for strategic development of product & decision making .
502(b)	V	Retail Management	<ul style="list-style-type: none"> • Student understand the retail mangement & its theories to implement in markets . Retain mgmt impact on growth of economy. Students learn the market Scenarios retail store design & distribution management.Student understands the distribution management, POP’S displays etc
503(b)	V	Customer Relationship Management	<ul style="list-style-type: none"> • Students understands the importance of customer in market & how the relationship should be maintained. • Students learns to plan for crm in future for competitive market. • Students demonstrates the CRM strategies & problems.

501(c)	V ELECTIVE(HUMAN RELATIONS)	Organization Development	<ul style="list-style-type: none"> Student demonstrates the organization development & its models .student goes for intervention process , quality assurance,team building , etc. Student tackle the situations of work life balance & Self assessment.
502(c)	V	Performance Appraisal &Counselling	<ul style="list-style-type: none"> Student learns the performance of employee and appraisal . Student learns the practical knowledge of employee development , methods used by the employer like rating method , grading method, 360 degree appraisal. Student understands the legal issues , performance appraisal, counselling, incentives , hr policies & procedures.
503(c)	V	Compensation Management	<ul style="list-style-type: none"> Student impart the techniques & strategies for compensation Management. Student learn to design the compensation system & benefits of employee , employee behaviour in management.
501(a)	V ELECTIVE (FINANCE)	Financial Markets & Services	<ul style="list-style-type: none"> Students understand the structure of markets, RBI, SEBI, GLOBAL financial markets Student can acquire the knowledge in trading NSE, BSE, OTCEL & understands the real life examples in Hire purchase system, leasing, factoring , forfeiting , credit rating Students were encouraged in mutual fund investment & benefits .
502(a)	V	Analysis Of Investment In Financial Assets	<ul style="list-style-type: none"> Students calculate the port folio analysis & risk rate of return.Valuation of yield securities, capital asset pricing model. Student calculate the portfolio theory, risk & return of portfolio.
503(a)	V	Insurance Services	<ul style="list-style-type: none"> Student understands the concept of insurance & importance of life & general insurance. Student calculates the claim settlement of insurance.All the important documents for insurance policies , Nominees & surrender policy etc. Students learns the rules & regulations of insurance headed by IRDA .
DSE 601(a)	VI FINANCE	Banking	<ul style="list-style-type: none"> Student learns the concept of negotiable instrument , banking regulations Act . Students acquires the knowledge of cheque, payments of cheque , EFT s , MSMEs etc

			<ul style="list-style-type: none"> Students the advance technology & innovations in banking.
602(a)	VI	Risk Analysis & Management	<ul style="list-style-type: none"> Student ensures the financial institutions and measures of financial risk. Student learns the derivatives, types of derivatives, SWAP, OPTIONS to manage risk, financial engineering & its tools.
603(a)	VI	International Finance	<ul style="list-style-type: none"> Students learn the concept of globalization & MNC's risk exposure. Students understand the importance of trade, BOP, BOT. Student acquires the knowledge of financing international trade, monetary fund, international trade policies, GATT, WTO etc.
DSE 601(b)	VI MARKETING	Buyer Behaviour	<ul style="list-style-type: none"> Students understand the in depth knowledge of consumer behaviour & theories. Student understands the impact of culture on buyers behaviour, models & decisions.
602(b)	VI	Advertising & Sales Promotion	<ul style="list-style-type: none"> Students understand the importance of advertisements for promotion of products. Student acquires the knowledge in creation of Advertisements. It also helps in media planning, personal selling of a product.
603(b)	VI	Rural Marketing	<ul style="list-style-type: none"> Students understand the rural economy development in last few decades. Student learns the decision making process, product life cycle, product strategies for rural markets. Students acquire the knowledge of rural distribution.
DSE 601(C)	VI HUMAN RELATIONS	Leadership & Change Management	<ul style="list-style-type: none"> Students understand the leadership styles & theories also how it influence the change based on organizational culture & change management.
602(C)	VI	Talent & Knowledge Management	<ul style="list-style-type: none"> Student learns the talent management system, knowledge management. Student acquires the succession & career planning & strategies.
603(C)	VI	Employee Relations	<ul style="list-style-type: none"> Students understand the industrial conflicts & grievances redressal procedures. Student learns the relationship of employment, employee relations etc. Student learns the laws, Act of wages WFTU, ICFTU, ILO etc
DSE 604	VI	Project Report & VIVA-VOCE	Student chooses the project from his elective applies the practical knowledge

			& prepares the report which will be evaluated through viva-voce.
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K. S.
Principal
R.G. Kedia College of Commerce
Bansia Bazar, Hyderabad



Program Name: MBA

Program Outcomes

- An ability to apply Managerial skills in problems solving.
- An ability to design managerial system and to process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.
- An ability to function on multidisciplinary teams.
- An ability to identify, formulate, and solve managerial problems.
- An understanding of professional and ethical responsibility.
- An ability to communicate effectively.
- To understand the impact of Global management practices, Business, Economic, environmental, and societal context.
- Recognition of the need for, and an ability to engage in life-long learning.
- Knowledge of contemporary issues.
- An ability to apply the Managerial skills, soft skills, professional skills etc., in dealing-in management practices.
- The Ability to understand the Global Management Practices

Program Specific Outcomes

- An ability to conduct research on managerial problems and infer findings to mitigate the level of complexity.
- A foreseeing efficiency in observing the industry related practices and to have a strategic planning in Compensation and Reward practices.
- To retain the best talent by fixing up in good cadre, emoluments and perquisites
- To make the good performers to accept challenges and future prospects.

Course Outcomes:

Sr. No.	Semes ter	Course Code	Course Name	Learning Outcome
1.1	I	MB101	Management & Organizational Behavior	comprehensive understanding of managing the organizational functions in various organizational settings through gaining insights into individual, inter-personal and group situations
1.2		MB102	Accounting for Management	Journal, Ledger, Trial Balance and Final Accounts 2. Analyze performance of companies using Ratio Analysis 3. Analyze Cash Flow position of companies 4. Make calculation relating to Cost Volume Profit Analysis
1.3		MB103	Marketing Management	1.Students can equip with marketing and selling tools. 2. Students can learn about the competition levels in the market. 3. Buyer behavior and perceptions are key of any business; that can be thoroughly learnt. 4. Various market position skills can be obtained for competitive advantage. 5. Group Dynamics and Channel Dynamics involved in marketing can be assessed. 6. Better control of key resources and optimum utilization of resources can be attained

1.4		MB104 (Open Electives)	1Business Law and ethics 2Fundamentals of Technology Management 3Managerial Economics	1Business Law and ethics comprehensive understanding of the legal and ethical considerations in business organizations through gaining knowledge of provincial and international outlook 2Fundamentals of Technology Management Helps in formulating technology and strategy for an organization. 2. Helps in making budget allocations for R & D projects in organization. 3. Helps in managing Innovation in Organization 3Managerial Economics Students can learn micro factors of Economic behavior of a consumer. 2. Would be Managers needs market dynamics and the same is imparted. 3. Students can assess opportunities and threats of business. 4. Students can better understand nature of the products and demand conditions. 5. It is also provided through this paper the decision making tools and investment avenues
1.5		MB105 (Open Electives)	1IT Applications for Management 2Business Communication 3Customer relationship Management	1IT Applications for Management Students can work in IT field to make positive contribution to the organization. 2. Students can take professional responsibilities and make informed judgments in the organizations. 3. Students can get streamline work processes and improve communication within the organization. 2Business Communication 1. To acquire the requisite knowledge about the fundamentals of communication skills. 2. To study how to write business letters, reports and other business correspondence. 3. To learn various aspects of oral communications viz presentation skills, group discussions and negotiation. 4. To acquire knowledge about various types of interviews. 5. To learn media management and social etiquette in order to handle day to day managerial Responsibilities 3Customer relationship Management 1. Students can work in CRM tools to make positive contribution to the organization. 2. Students can take professional responsibilities and make informed judgments in the organizations towards their target market
1.6		MB106	Computer lab	Students can work in IT field to make positive contribution to the organization. 2. Students can take professional responsibilities and make informed judgments in the organizations. 3. Students can get streamline work processes and improve communication within the organization.
2.1	II	MB201	Human Resources Management	1. Transform Human beings into Human Resources 2. Build Global Level HR Managers 3. Create Agile Workforce 4. Innovate Winning Organizations
2.2		MB202	Financial Management	1. Apply project appraisal methods to cash

				<p>flows.</p> <p>2. To understand the corporate practices of dividend payment.</p> <p>3. To learn about corporate events like mergers</p> <p>4. To learn about inventory management of manufacturing companies</p>
2.3		MB203	Business Research method	<p>1. To gain understanding of various kinds of research design</p> <p>2. To enable learners to be able to formulate the research problem</p> <p>3. To acquire basic knowledge on qualitative and quantitative research</p> <p>4. To have knowledge on descriptive and inferential data tools</p> <p>5. To be able to write and develop independent and critical analysis for report writing</p>
2.4		MB204 (Open Electives)	<p>1Economic Environment and policy</p> <p>2Business Process Re Engineering</p> <p>3International Business</p> <p>4Financial Market and Services</p>	<p>1Economic Environment and policy Ability to explain core economic terms, concepts, and theories, function of market and prices as allocate mechanisms. Apply the concept of equilibrium to both microeconomics and macroeconomics.</p> <p>2Business Process Re Engineering Understand the concept of Business process Re engineering to increased revenue, improved customer service, reduced cost, higher employee retention, faster processing time. Enable to understand business benefit can be gained from business process reengineering.</p> <p>3International Business To understand implication of ethical practices and ethical dilemma for decision making in business process and to understand the skill of effective communication and critical thinking</p> <p>4Financial Market and Services</p> <p>1. To learn about the participants, products, players in primary and secondary markets</p> <p>2. Identify the new financial innovations taking place in India.</p> <p>3. To identify Merchant Bankers in India and know about their activities</p> <p>4. To learn about the players in the leasing and hire purchase business in India.</p> <p>5. To learn about the insurance companies and the products offered by them.</p> <p>6. To trace the regulation in financial markets</p>

2.5		MB205 (Open Electives)	1Total Quality Management 2 Strategic management Accounting 3Start up Management 4Retail Management	1Total Quality Management 1Understand the basic terminologies and metrics that are used to govern the quality management 2Get a better perspective on quality standards like ISO 3Elucidate the role and importance of Six Sigma as a quality measurement tools 4Identify the various means and techniques for establishing quality in service sector 5 Be able to verify various metrics that govern quality 2 Strategic management Accounting To make understand the mechanism of management accounting and its strategies. To introduces control alternatives, performance management, corporate governance, business ethical issues for both business and non-profit entities 3Start up Management To get acquainted with the core components for successful startup. A strong product, a well-researched go-to-market strategy, and a strong organizational culture. 4Retail Management 1 Relevance of modeling in marketing for logical Judgments 2.Appreciate the business and economic lifetime value of marketing engineering 3.Be well versed with the various models, both qualitative and quantities in marketing engineering 4Understand the relevance of using modeling in marketing as a decision marking tool .
2.6		MB206	Seminar	1. Presentation skills : Student is expected to present with clear aims and out comes 2. Argumentative and critical thinking Critical thinking: It is closely related to how student is able to relate critical thinking, thought process and reasoning. 3. Inter Disciplinary Approach : Relating knowledge more than one branch 4. Presentation of the text: The sequence of text presentation in order to provide logical clarity
3.1	III	MB301	Operations Management	Understand importance/planning organizing and controlling aspects of operation Management Re-enforce the concepts of production management Help understand different operational issues under manufacture and services
3.2		MB302	E- Business	1.students can work in latest trends in business field to make positive contribution to the organization. 2. Students can take professional Responsibilities and make informed judgments in the organization for E Business 3.Students can get streamline work processes and improve communication within the organization to meet their objectives by involving with E-business models.
3.3		MB303	OPERATIONS RESEARCH	To give an overview of different Optimization Techniques useful for problem solving and decision making
3.4		MB304	Discipline Specific Elective- I 1. Financial Risk Management(Finance) 2.Product & Brand Management (Marketing) 3.Compensation	1. Financial Risk Management(Finance) To equip the students with adequate knowledge and Skill to understand and manage the risk and uncertainties to which financial institutions are exposed to. A Clear understanding of the concerned risks and the tools and techniques to

			Management (Human Resource) 4.Decision Support Systems (System)	<p>manage them is stressed</p> <p>2.Product & Brand Management (Marketing) To provide an understanding of Different types of Product Decisions, Product Markets, and Product Development and testing.</p> <p>3.Compensation Management (Human Resource) To impart techniques and methods for competing employer – employee negotiations for arriving at optimal compensation system.</p> <p>4.Decision Support Systems (System) To Provide an understanding about computerized Information Support System for Decision Making in Organization.</p>
3.5		MB305	Discipline Specific Elective – II 1.International Finance(Finance) 2.Promotion & Distribution Management(Marketing) 3.Organization Development (Human Resource) 4. Business Analytics (Systems)	<p>1.International Finance(Finance) To Provide a detailed analysis of International Financial System and International taxation.</p> <p>2.Promotion & Distribution Management(Marketing) To provide an understanding about the relevance of marketing communication, promotion activities and management of distribution networks</p> <p>3.Organization Development (Human Resource) To Create a mind set of planned changed, Techno -structural and strategic interventions for Development of Organization through organizational Transformation.</p> <p>4. Business Analytics (Systems) The objective of the course is to provide an understanding of Basic concepts of Business Analytics like Descriptive, Predictive and Prescriptive Analytics and an overview of Programming using R</p>
3.6		MB306 *	Interdisciplinary Courses Management Theory and Practice Or INNOVATION MANAGEMENT	<p>To provide an understanding of Basic Concepts of Management.</p> <p>To provide an overview of basic concepts related to R&D, Innovation and Innovation Management in an Organization</p>
3.7		MB307	Tutorials Project work Synopses	The Project work usually consists of selecting a Topic / Problem / Theme in any area of management, gather relevant data, analyze and interpret the same in a systematic and scientific manner.
4.1	IV	MB401	STRATEGIC MANAGEMENT	To make the students learn about strategic environment and decision making to impart case based for make students know the real-time decision making
4.2		MB402	Business Intelligence	<p>1.Emphasizes the practical need for good decision support system as a Bi in an organization</p> <p>2.Connecting statics for implementing data ware houses, Business performance Measurement tools and helps in realizing the potential of Business Analysis in decision support</p>
4.3		MB403	Supply Chain Management	<p>1.Gain a holistic understanding of supply chain management</p> <p>2.Understad the basic drivers that lead to the performance of SCM in effective manner</p> <p>3.The role of value chain and its integration in the supply chain</p> <p>4.sensitize themselves to the role of global sourcing in making supply chain cost effective</p> <p>5. Gain insight into role of information technology in making chain agile.</p>
4.4		MB404	DS Elective- III 1.Investment Management (Finance) 2.Consumer Behaviour (Marketing)	<p>1.Investment Management (Finance) 1) To explain the basic concepts of risk and return 2) To explain the various methods of analysis 3) To understand the features and</p>

			3.Performance Management (Human Resource) 4.Data Base Management Systems (System)	valuation of debt and equity instruments 4) To explain the concept of portfolio and the various portfolio theories 5) To describe portfolio evaluation methods 2.Consumer Behaviour (Marketing) To understand the depth concept & theories of Consumer buying Behaviour To Focus on Learning theories To Know the impact of culture on Consumer Behaviour To Highlights models of Consumer Behaviour 3.Performance Management (Human Resource) To offer an understanding of Various approaches to measure performance and facilitates studying different methods of performance appraisal. The course also provide knowledge of the processes performance bench – making and frameworks of Competencies and gives understanding of various performance metrics and models. 4.Data Base Management Systems (System) The objective of this course is to provide an overview of Database Concepts, different type of databases and use of oracle to implement Database Concepts.
4.5		MB405*	DS Elective- IV 1.Banking & Insurance (Finance) 2.Services & Global Marketing (Marketing) 3.Talent &Knowledge Mgt (Human Resource) 4.Software Project Management (System)	1.Banking & Insurance (Finance) 1) To provide an overview of the structure of banking and insurance business in India. 2) To describe the products and services in Banking and Insurance 3) To highlight the regulatory changes and innovations in the Banking and Insurance sectors. 4) To prepare students for career opportunities in banking and insurance 2.Services & Global Marketing (Marketing) To Study the concepts of Services Marketing To know the Services Marketing Mix To Learn Strategies for Marketing To focus on Global Marketing 3.Talent &Knowledge Mgt (Human Resource) to offer knowledge on various approaches to talent and knowledge management in business organizations. The course also facilitates discussion on a variety of institutional strategies and models for dealing with talent and knowledge management. 4.Software Project Management (System) Overview & importance of application of project management tools and techniques to software projects.
4.6		MB406*	Project Work Comprehensive Viva - Voce	The Project work usually consists of selecting a Topic / Problem / Theme in any area of management, gather relevant data, analyze and interpret the same in a systematic and scientific manner
4.7		MB407	Comprehensive Viva - Voce	Subject knowledge, communication skill



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Program Name: **MCA**

Program Outcomes:

- Knowledge of Computing fundamentals, Computing specialization, Mathematics, and domain knowledge appropriate for the computing specialization to the abstraction and conceptualization of computing models from defined problems and requirements.
- Understand and commit to professional ethics and cyber regulations, responsibilities, and norms of professional computing practice.
- Recognize the need, and have the ability, to engage in independent learning for continual development as a Computing professional.
- Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusions

• **Program Specific Outcomes**

- To prepare graduates who will create systems through software development to solve problems in Industry domain areas.
- To Prepare Graduates who will contribute to societal growth through research in their chosen field.
- To prepare graduates who will perform both as an individual and in a team through good analytical, design and implementation skills.
- To prepare graduates who will be lifelong learners through continuous professional development

Course Outcomes:

Course Code	Semester	Course Name	Learning Outcome
501	V	Information Security	<ul style="list-style-type: none">✓ Appreciate the value of information to the modern organisation✓ Understand the CIA triad of Confidentiality, Integrity and Availability✓ Appreciate the difficulties that arise when valuable information needs to be shared✓ Identify the five leading-edge resources that have up-to-date information on information security.
502	Vth	Object oriented system Development and Lab	<ul style="list-style-type: none">✓ It facilitates changes in the system at low cost.✓ It promotes the reuse of components.✓ It simplifies the problem of integrating components to configure large system.✓ It simplifies the design of distributed systems.✓ Method of wages payment
503	V sem	Bigdata Analytic and Lab	<ul style="list-style-type: none">✓ Overview of Big Data, i.e. storage, retrieval and processing of big data.✓ It focuses on the “technologies”, i.e., the tools/algorithms that are available for storage, processing of Big Data.✓ It also helps a student to perform a variety of

			“analytics” on different data sets and to arrive at positive conclusions.
504	V	Electronic commerce	<ul style="list-style-type: none"> ✓ Understand the basic concepts and technologies used in the field of management information systems ✓ Have the knowledge of the different types of management information systems ✓ Understand the processes of developing and implementing information systems. ✓ Be aware of the ethical, social, and security issues of information systems
505	V	Mobile Computing	<ul style="list-style-type: none"> ✓ Define mobile technologies in terms of hardware, software, and communications. ✓ Utilize mobile computing nomenclature to describe and analyse existing mobile computing frameworks and architectures. ✓ Evaluate the effectiveness of different mobile computing frameworks. ✓ Describe how mobile technology functions to enable other computing technologies.
301	III	Software Engineering and Lab	<ul style="list-style-type: none"> ✓ Knowledge of basic SW engineering methods and practices, and their appropriate application. ✓ Describe software engineering layered technology and Process frame work. ✓ A general understanding of software process models such as the waterfall and evolutionary models. ✓ Understanding of software requirements and the SRS documents. ✓ Understanding of the role of project management including planning, scheduling, risk management, etc
302	III	Design and Analysis of Algorithm and Lab	<ul style="list-style-type: none"> ✓ Analyze the asymptotic performance of algorithms. ✓ Write rigorous correctness proofs for algorithms. ✓ Demonstrate a familiarity with major algorithms and data structures. ✓ Apply important algorithmic design paradigms and methods of analysis. ✓ Synthesize efficient algorithms in common engineering design situations.
303	III	Information Retrieval System and Lab	<ul style="list-style-type: none"> ✓ Understand the retrieval of relevant information from a text database. ✓ Understand the Term Vocabulary And Postings Lists. ✓ Understand the Index Construction. ✓ Understand the Index Compression. ✓ Understand the Vector Space Model
304	III	Operating Research	<ul style="list-style-type: none"> ✓ Formulate and solve problems as networks and graphs. ✓ Construct linear integer programming models and discuss the solution


			<p>techniques.</p> <ul style="list-style-type: none"> ✓ Set up decision models and use some solution methods for nonlinear optimization problems. ✓ propose the best strategy using decision making methods under uncertainty and game theory. ✓ Use computer softwares to solve decision models.
305	III	Environmental Science	<ul style="list-style-type: none"> ✓ An Environmental Studies major will be able to recognize the physical, chemical, and biological components of the earth's systems and show how they function. ✓ An Environmental Studies major will be able to do independent research on human interactions with the environment.
401	IV	Computer Network and Lab	<ul style="list-style-type: none"> ✓ Recognize computer networks. ✓ List computer network topologies. ✓ Explain each computer network topology physically or logically. ✓ List required hardware to constitute computer network. ✓ Explain the mission of each computer network. ✓ Recognize essential computer network protocols.
402	IV	Data Mining and Lab	<ul style="list-style-type: none"> ✓ To fully understand standard data mining methods and techniques such as association rules, data clustering and classification. ✓ Learn new, advanced techniques for emerging applications (e.g. social network analysis, stream data mining).
403	IV	Web Programming and Lab	<ul style="list-style-type: none"> ✓ Structure and implement HTML/CSS. ✓ Apply intermediate and advanced web development practices. ✓ Implement basic JavaScript. ✓ Create visualizations in accordance with UI/UX theories. ✓ Develop a fully functioning website and deploy on a web server.
404	IV	Distributed System	<ul style="list-style-type: none"> ✓ To provide hardware and software issues in modern distributed systems ✓ To get knowledge in distributed architecture, naming, synchronization, consistency and replication, fault tolerance, security, and distributed file systems. ✓ To analyze the current popular distributed systems such as peer-to-peer (P2P) systems will also be analyzed. ✓ To know about Shared Memory Techniques. ✓ Have Sufficient knowledge about file access. ✓ Have knowledge of Synchronization and

			Deadlock
405	IV	Distributed Databases	<ul style="list-style-type: none"> ✓ Understand distributed database systems architecture and design ✓ Be able to apply methods and techniques for distributed query processing and optimization ✓ Understand the broad concepts of distributed transaction process. ✓ Understand the basic concepts of Data warehousing and OLAP technology ✓ Be able to apply methods and techniques for association analysis, data classification and clustering.
101	I	Mathematical Foundation of Computer Science	<ul style="list-style-type: none"> ✓ Evaluate the validity of logical arguments and construct mathematical proofs. ✓ Analyse whether given graphs are isomorphic and apply different algorithms to find the shortest path. Apply the concept of two dimensional random variables to correlation, regression and Central limit theorem. ✓ Learn and apply multivariate analysis necessary for Principal Component Analysis. ✓ Identify the Markovian queueing model in the given system, find the performance measures and analyse the results.
102	I	Data Structure using C and Lab	<ul style="list-style-type: none"> ✓ Analyze the concepts of algorithm evaluation and find time and space complexities for searching and sorting algorithms. ✓ Implement linear data structure such as stacks, queues, linked lists and their applications. ✓ Implement basic operations on binary trees ✓ Demonstrate the representation and traversal techniques of graphs and their applications
103	I	Object Oriented programming using Java and Lab	<ul style="list-style-type: none"> ✓ Understand the basic object oriented programming concepts and apply them in problem solving. ✓ Illustrate inheritance concepts for reusing the program. ✓ Demonstrate on the multi-tasking by using multiple threads. ✓ Develop data-centric applications using JDBC. ✓ Understand the basics of java console and GUI based programming
104	I	Computer Architecture	<ul style="list-style-type: none"> ✓ Understand the theory and architecture of central processing unit. ✓ Analyze some of the design issues in terms of speed, technology, cost, performance. ✓ Design a simple CPU with applying the theory concepts. ✓ Use appropriate tools to design verify and test the CPU architecture. ✓ Learn the concepts of parallel processing, pipelining and interprocessor communication. ✓ Understand the architecture and functionality of central processing unit.

105	I	Probability and Statistics	<ul style="list-style-type: none"> ✓ Analyze statistical data graphically using frequency distributions and cumulative frequency distributions. ✓ Analyze statistical data using measures of central tendency, dispersion and location. ✓ Use the basic probability rules, including additive and multiplicative laws, using the terms, independent and mutually exclusive events. ✓ Translate real-world problems into probability models. ✓ Derive the probability density function of transformation of random variables. <p>Calculate probabilities, and derive the marginal and conditional distributions of bivariate random variables.</p>
106	I	Managerial Economics and accountancy	<ul style="list-style-type: none"> ✓ Apply economic principles to management decisions. ✓ Understand the Nature, Scope and Significance of Managerial Economics, its Relationship with other Disciplines. ✓ Understand the Role of Managerial Economics in Decision Making. ✓ Understand the cardinal and ordinal approach of consumer behavior. ✓ How to estimate demand and forecasting of demand in the markets. ✓ Managerial uses of Production Function, Short Run and Long Run Production Analysis
109	I	Soft Skills	<ul style="list-style-type: none"> ✓ Effectively communicate through verbal/oral communication and improve the listening skills ✓ Write precise briefs or reports and technical documents. ✓ Actively participate in group discussion / meetings / interviews and prepare & deliver presentations. ✓ Become more effective individual through goal/target setting, self-motivation and practicing creative thinking. ✓ Function effectively in multi-disciplinary and heterogeneous teams through the knowledge of team work, Inter-personal relationships, conflict management and leadership quality
201	II	Operating System and Lab	<ul style="list-style-type: none"> ✓ Know basic components of an operating system. ✓ Comprehend how an operating system virtualizes CPU and memory. ✓ Discuss various scheduling and swapping policies. ✓ Learn basic concurrent programming in C and assembly code. ✓ Explain how a simple file system organizes data in the hard disk.
202	II	Database Management System and Lab	<ul style="list-style-type: none"> ✓ Understand the basic principles of database management systems. ✓ Draw Entity-Relationship diagrams to represent simple database application scenarios

			<ul style="list-style-type: none"> ✓ Write SQL queries for a given context in relational database. ✓ Discuss normalization techniques with simple examples. CO ✓ Describe transaction processing and concurrency control concepts
203	II	Artificial Intelligence and Lab	<ul style="list-style-type: none"> ✓ Apply various pre-processing techniques on different datasets. ✓ Construct Machine learning programs for Supervised, Unsupervised and Semi supervised learning models. ✓ Develop Deep learning programs for Supervised & Unsupervised learning models. ✓ Identify and Apply Artificial Intelligence concepts to solve real world problems
204	II	Machine Learning	<ul style="list-style-type: none"> ✓ Learn the basics of learning problems with hypothesis and version spaces ✓ Understand the features of machine learning to apply on real world problems ✓ Characterize the machine learning algorithms as supervised learning and unsupervised learning and Apply and analyze the various algorithms of supervised and unsupervised learning ✓ Analyze the concept of neural networks for learning linear and non-linear activation functions ✓ Learn the concepts in Bayesian analysis from probability models and methods ✓ Understand the fundamental concepts of Genetic Algorithm and Analyze and design the genetic algorithms for optimization engineering problems
205	II	Operation Research	<ul style="list-style-type: none"> ✓ Solve linear programming problems using appropriate techniques and optimization solvers, interpret the results obtained. ✓ Model competitive real-world phenomena using concepts from game theory. Analyse pure and mixed strategy games ✓ Formulate Network models for service and manufacturing systems, and apply operations research techniques and algorithms to solve these Network problems




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