Adusumilli Gopalakrishnaiah & Sugarcane Growers
Siddhartha Degree College of Arts & Science

Vuyyuru – 521165, Krishna District, Andhra Pradesh

(An Autonomous College in the Jurisdiction of Krishna University, Machilipatnam)

Accredited by NAAC with "A" Grade   ISO 9001:2015 Certified Institution

DEPARTMENT OF BOTANY
COURSE STRUCTURE
B.Sc. BZC

2018-19 to 2022-23

ADUSUMILLIGOPALAKRISHNAIAH& SUGAR CANE GROWERS SIDDHARTHA DEGREECOLLEGE OF ARTS & SCIENCE, VUYYURU-521165, KRISHNA Dt., A.P. (AUTONOMOUS).

NAAC reaccredited at 'A 'level
DEPARTMENT OF BOTANY

Course Structure 2018-19

Semester	Course code	Course title	Hours/ week	CIA	SEE	No.of. Credits	Core/LSC/SDC Elective/Cluster
I	BOT101C	Microbial diversity, algae and fungi.	4	30	70	3	CORE
	BOT101P	Practical	2	25	25	2	LAB
II	BOT201C	Diversity of Archegoniate and Plant anatomy	4	30	70	3	CORE
	BOT201P	Practical	2	25	25	2	LAB
III	BOT301	Plant taxonomy and Plant physiology	4	25	75	3	CORE
	BOT301P	practical	3	25	25	2	LAB
IV	BOT401	Plant Embryology and Plant metabolism	4	25	75	3	CORE
	BOT401P	Practical	3	25	25	2	LAB
V	BOT501	Cell biology,genetics and plant breeding	3	25	75	3	CORE
	BOT501P	practical	3	15	35	2	LAB
V	BOT502	Plant ecology and Phyto geography	3	25	75	3	CORE
	BOT502P	Practical	3	15	35	2	LAB
VI	BOT601GE	Plant tissue culture and its Biotechnological applications	3	25	75	3	ELECTIVE
	BOT601P	Practical	2	20	30	2	LAB
VI	BOT602CE	Plant diversity and Human welfare	3	25	75	3	CLUSTER
	BOT602CEP	Practical	3	20	30	2	LAB
VI	BOT603CE	Ethnobotany and Medicinal botany	3	25	75	3	CLUSTER
	BOT603CEP	Practical	3	20	30	2	LAB
VI	BOT604CE	Pharmacognosy and Phyto chemistry	3	25	75	3	CLUSTER
	BOT604CEP	Practical	3	20	30	2	LAB

ADUSUMILLIGOPALAKRISHNAIAH& SUGAR CANE GROWERS SIDDHARTHA DEGREECOLLEGE OF ARTS & SCIENCE, VUYYURU-521165, KRISHNA Dt., A.P. (AUTONOMOUS).

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DEPARTMENT OF BOTANY

Course Structure of B.Sc. BZC& Aquaculture   2019 - 20

semester	Course code	Course title	Hours/ week	CIA	SEE	No.of. Credits	Core/LSC/SDC/ Elective/Cluster
I	BOT101C	Microbial diversity, algae and fungi.	4	30	70	3	CORE
	BOT101P	Practical	2	25	25	2	LAB
II	BOT201C	Diversity of Archegoniate and Plant anatomy	4	30	70	3	CORE
	BOT201P	Practical	2	25	25	2	LAB
III	BOT301	Plant Taxonomy and Plant physiology	4	30	70	3	CORE
	BOT301P	practical	2	25	25	2	LAB
IV	BOT401	Plant Embryology and Plant metabolism	4	30	70	3	CORE
	BOT401P	Practical	2	25	25	2	LAB
V	BOT501	Cell biology,Genetics and plant breeding	3	25	75	3	CORE
	BOT501P	practical	2	10	40	2	LAB
V	BOT502	Plant ecology and Phyto geography	3	25	75	3	CORE
	BOT502P	Practical	2	10	40	2	LAB
VI	BOT601GE	Plant tissue culture and its Biotechnological applications	3	25	75	3	Elective
	BOT601P	Practical	3	20	30	2	LAB
VI	BOT602CE	Plant diversity and Human welfare	3	25	75	3	Cluster
	BOT602CEP	Practical	3	20	30	2	LAB
VI	BOT603CE	Ethnobotany and Medicinal botany	3	25	75	3	Cluster
	BOT603CEP	Practical	3	20	30	2	LAB
VI	BOT604CE	Pharmacognosy and Phyto chemistry	3	25	75	3	Cluster
	BOT604CEP	Practical	3	20	30	2	LAB

ADUSUMILLIGOPALAKRISHNAIAH & SUGAR CANE GROWERS SIDDHARTHA DEGREECOLLEGE OF ARTS & SCIENCE, VUYYURU-521165, KRISHNA Dt., A.P. (AUTONOMOUS).

Department of Botany
Course Structure of B.Sc. BZC& Aquaculture 2020- 21

Semester	Course Code	Course title	Hours/ week	CIA	SEE	No.of. Credits	Core/LSC/SDC/ Elective/Cluster
I	BOTI01C	Fundamentals of Microbes and Non-VascularPlants	4	25	75	3	CORE
	BOT101P	Practical	2	10	40	2	LAB
II	BOT201C	Basics of Vascular plants and Phytogeography	4	30	70	3	CORE
	BOT201P	Practical	2	10	40	2	LAB
III	BOT301C	Plant taxonomy and plant Physiology	4	30	70	3	CORE
	BOT301P	Practical	2	25	25	2	LAB
IV	BOT401C	Plant Embryology and Plant metabolism	4	30	70	3	CORE
	BOT401P	Practical	2	25	25	2	LAB
V	BOT 501C	Cell biology, Genetics and Plant breeding	3	30	70	3	CORE
	BOT501P	Practical	2	25	25	2	LAB
V	BOT 502 C	Plant ecology and phytogeography	3	30	70	3	CORE
	BOT502P	Practical	2	25	25	2	LAB
VI	BOT 601GE	Plant tissue culture and its biotechnological applications	3	30	70	3	Elective
	BOT 601P	Practical	3	25	25	2	LAB
VI	BOT 602CE	Plant diversity and Human welfare	3	30	70	3	Cluster
	BOT 602CEP	Practical	3	25	25	2	LAB
VI	BOT 603CE	Ethnobotany and Medicinal botany	3	30	70	3	Cluster
	BOT 603CEP	Practical	3	25	25	2	LAB
VI	BOT 604CE	Pharmacognosy and Phyto chemistry	3	30	70	3	Cluster
	BOT 604CEP	Practical	3	25	25	2	LAB
II	PNT-501	Plant Nursery	2		50	2	SDC

Department of Botany

Course Structure of B.Sc. BZC& Aquaculture 2021- 22

Semester	Course Code	Course title	Hours/ week	CIA	SEE	No. of. Credits	Core/LSC/SDC/ FC/Elective/ Cluster
I	BOTTIIA	Fundamentals of Microbes and Non-vascular plants	4	25	75	3	CORE
	BOTTIIP	Practical-I	2	10	40	2	lab
II	BOTT2IA	Basics ofVascularplantsandPhytogeography	4	25	75	2	CORE
	BOTT2IP	Practical-I	2	10	40	2	lab
III	BOT-301C	Anatomy of angiosperms, Plant Ecology and Biodiversity	4	30	70	3	CORE
	BOT-301P	Practical-III	2	25	25	2	lab
IV	BOT-401C	Plant Physiology and Metabolism	4	30	70	3	CORE
	BOT-401P	Practical	2	25	25	2	lab
V	BOT-402C	Cell biology, Genetics and plant breeding	4	30	70	3	CORE
	BOT-402P	Practical	2	25	25	2	lab
V	BOT-501C	Cell Biology, Genetics and Plant Breeding.	4	30	70	3	CORE
	BOT-501P	Practical	2	15	35	2	lab
V	BOT 502 C	Plant ecology and phytogeography	3	30	70	3	CORE
	BOT502P	Practical	2	25	25	2	LAB
VI	BOT-601GE	Plant Tissue Culture and its Biotechnological Applications(G.E)	3	30	70	3	CORE
	BOT-601P	Practical	3	15	35	2	lab
VI	BOT-602CE	Plant Diversity andHuman welfare (C.E)	3	30	70	3	CORE
	BOT-602CE P	Practical	3	20	30	2	lab
VI	BOT-603CE	Ethnobotany and Medicinal Botany(C.E)	3	30	70	3	CORE
	BOT-603CEP	Practical	3	15	35	2	lab
VI	BOT-604CE	Pharmacognosyand Phytochemistry(C.E)	3	30	70	3	CORE
	BOT-604CEP	Practical	3	20	30	2	lab

ADUSUMILLIGOPALAKRISHNAIAH & SUGAR CANE GROWERS SIDDHARTHA DEGREECOLLEGE OF ARTS & SCIENCE, VUYYURU-521165, KRISHNA Dt., A.P. (AUTONOMOUS).

Department of Botany

Course Structure of B.Sc. BZC& Aquaculture 2022- 23

Semester	Course Code	Course title	Hours/ week	CIA	SEE	No. of. Credits	Core/LSC/SDC/ Elective/Cluster
I	BOTTIIA	Fundamentals of Microbes and Non-vascular plants	4	30	70	3	CORE
	BOTTIIP	Practical-I	2	10	40	2	LAB
II	BOTT2IA	Basics ofVascularplantsand Phytogeography	4	30	70	3	CORE
	BOTT2IP	Practical-I	2	10	40	2	LAB
III	BOTT31A	Anatomy of angiosperms, Plant Ecology and Biodiversity	4	25	75	3	CORE
	BOTT31P	Practical	2	25	25	2	LAB
IV	BOTT41A	Plant Physiology and Metabolism	4	25	75	3	CORE
	BOTT41P	Practical	2	25	25	2	LAB
V	BOTT42A	Cell biology, Genetics and plant breeding	4	30	70	3	CORE
	BOTT42P	Practical	2	25	25	2	LAB
V	SEC BOT-501/601	Plant tissue culture	3	30	70	3	CORE
	SEC BOT-501P/602P	Practical	2	25	25	2	LAB
V	SECBOT-502/602	Mushroom cultivation	3	30	70	2	CORE
	SECBOT502P/602P	Practical	2	25	25	2	LAB
VI		**INTERNSHIP**					

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DEPARTMENT OF CHEMISTRY (UG)

COURSE STRUCTURE
B.Sc. BZC,MPC, MCCS,B.Sc.AQUACULTURE

2018-19 to 2022-23

A.G & S.G SIDDHARTHA DEGREE COLLEGE: VUYYURU-521165
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Department of Chemistry
Course Structure
2018 – 19

Semester	Course Code	Course Title	Hours /Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	CHE-101C	Inorganic and Organic chemistry	4	30	70	3	Core
I	CHE-101P	Simple salt analysis	2	0	50	2	LAB
II	CHE-201C	Physical and General chemistry	4	25	75	3	Core
II	CHE-201P	Analysis of Mixture Salt	2	0	50	2	LAB
III	CHE-301C	Inorganic and organic chemistry	4	25	75	3	Core
III	CHE-301P	Titrimetric analysis & Organic functional groups	2	0	50	2	LAB
IV	CHE-401C	Spectroscopy and Physical chemistry	4	25	75	3	Core
IV	CHE-401P	Physical Chemistry and IR Spectral Analysis	2	0	50	2	LAB
V	CHE-501C	Inorganic, Organic & Physical Chemistry	3	25	75	3	Core
V	CHE-501P	Organic Qualitative Analysis	3	0	50	2	LAB
V	CHE-502C	Inorganic, Organic & Physical Chemistry	3	25	75	3	Core
V	CHE -502P	Physical Chemistry	3	0	50	2	LAB
VI	CHE -601GE	Analytical methods in Chemistry	3	25	75	3	Elective
VI	CHE -601GE P	Chromatography & Volumetric analysis	3	0	50	2	LAB
VI	CHE -602CE	Organic spectroscopic techniques	3	25	75	3	Cluster
VI	CHE -602CE P	Preparations of Organic compounds	3	0	50	2	LAB
VI	CHE -603CE	Advanced organic reactions	3	25	75	3	Cluster
VI	CHE -603CE P	Preparations of Organic compounds by Green procedure	3	0	50	2	LAB
VI	CHE -604CE	Pharmaceutical and Medicinal chemistry	3	25	75	3	Cluster
VI	CHE -604CE P	Project work	3	0	50	2	LAB

A.G & S.G SIDDHARTHA DEGREE COLLEGE: VUYYURU-521165

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Department of Chemistry

Course Structure

2019 –20

Semester	Course Code	Course Title	Hours /Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	CHE-101C	Inorganic and Organic chemistry	4	30	70	3	Core
I	CHE-101P	Simple salt analysis	2	0	50	2	LAB
II	CHE-201C	Physical and General chemistry	4	30	70	3	Core
II	CHE-201P	Analysis of Mixture Salt	2	0	50	2	LAB
III	CHE-301C	Inorganic and organic chemistry	4	30	70	3	Core
III	CHE-301P	Titrimetric analysis & Organic functional groups	2	0	50	2	LAB
IV	CHE-401C	Spectroscopy and Physical chemistry	4	30	70	3	Core
IV	CHE-401P	Physical Chemistry and IR Spectral Analysis	2	0	50	2	LAB
V	CHE-501C	Inorganic, Organic & Physical Chemistry	3	25	75	3	Core
V	CHE-501P	Organic Qualitative Analysis	3	0	50	2	LAB
V	CHE-502C	Inorganic, Organic & Physical Chemistry	3	25	75	3	Core
V	CHE -502P	Physical Chemistry	3	0	50	2	LAB
VI	CHE -601GE	Analytical methods in Chemistry	3	25	75	3	Elective
VI	CHE -601GE P	Chromatography & Volumetric analysis	3	0	50	2	LAB
VI	CHE -602CE	Organic spectroscopic techniques	3	25	75	3	Cluster
VI	CHE -602CE P	Preparations of Organic compounds	3	0	50	2	LAB
VI	CHE -603CE	Advanced organic reactions	3	25	75	3	Cluster
VI	CHE -603CE P	Preparations of Organic compounds by Green procedure	3	0	50	2	LAB
VI	CHE -604CE	Pharmaceutical and Medicinal chemistry	3	25	75	3	Cluster
VI	CHE -604CE P	Project work	3	0	50	2	LAB

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Department of Chemistry
Course Structure
2020-21

Semester	Course Code	Course Title	Hours /Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	CHE-101C	Inorganic and Physical chemistry	4	30	70	3	Core
I	CHE-101P	Analysis of Mixture Salt	2	0	50	2	LAB
II	CHE-201C	Organic and General chemistry	4	30	70	3	Core
II	FA	Food adulteration	2	0	50	2	SDC
II	CHE-201P	Volumetric analysis	2	0	50	2	LAB
III	CHE-301C	Inorganic and organic chemistry	4	30	70	3	Core
III	CHE-301P	Titrimetric analysis & Organic functional groups	2	0	50	2	LAB
IV	CHE-401C	Spectroscopy and Physical chemistry	4	30	70	3	Core
IV	CHE-401P	Physical Chemistry and IR Spectral Analysis	2	0	50	2	LAB
V	CHE-501C	Inorganic, Organic & Physical Chemistry	3	30	70	3	Core
V	CHE-501P	Organic Qualitative Analysis	3	0	50	2	LAB
V	CHE-502C	Inorganic, Organic & Physical Chemistry	3	30	70	3	Core
V	CHE -502P	Physical Chemistry	3	0	50	2	LAB
VI	CHE -601GE	Analytical methods in Chemistry	3	30	70	3	Elective
VI	CHE -601GE P	Chromatography & Volumetric analysis	3	0	50	2	LAB
VI	CHE -602CE	Organic spectroscopic techniques	3	30	70	3	Cluster
VI	CHE -602CE P	Preparations of Organic compounds	3	0	50	2	LAB
VI	CHE -603CE	Advanced organic reactions	3	30	70	3	Cluster
VI	CHE -603CE P	Preparations of Organic compounds by Green procedure	3	0	50	2	LAB
VI	CHE -604CE	Pharmaceutical and Medicinal chemistry	3	30	70	3	Cluster
VI	CHE -604CE P	Project work	3	0	50	2	LAB

A.G & S.G SIDDHARTHA DEGREE COLLEGE: VUYYURU-521165
Department of Chemistry
Course Structure
2021-22
A.G & S.G SIDDHARTHA DEGREE COLLEGE: VUYYURU-521165

Semester	Course Code	Course Title	Hours /Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	CHET11A	Inorganic and Physical chemistry	4	25	75	3	Core
I	CHEP11A	Analysis of Mixture Salt	2	0	50	2	LAB
II	CHET21A	Organic and General chemistry	4	25	75	3	Core
II	CHEP21A	Volumetric analysis	2	0	50	2	LAB
III	CHE-301C	Organic chemistry and Spectroscopy	4	30	70	3	Core
III	CHE-301P	Organic preparations and IR Spectral Analysis	2	0	50	2	LAB
III	SDCCHETO1	Food adulteration	2	10	40	2	SDC
IV	CHE-401C	Inorganic ,Organic& Physical chemistry	4	30	70	3	Core
IV	CHE-401P	Organic qualitative analysis	2	0	50	2	LAB
IV	CHE-402C	Inorganic and Physical chemistry	4	30	70	3	Core
IV	CHE-402P	Conductometric & Potentiometric titrimetry	2	0	50	2	LAB
V	CHE-501C	Inorganic, Organic & Physical Chemistry	3	30	70	3	Core
V	CHE-501P	Organic Qualitative Analysis	3	0	50	2	LAB
V	CHE-502C	Inorganic, Organic & Physical Chemistry	3	30	70	3	Core
V	CHE -502P	Physical Chemistry	3	0	50	2	LAB
VI	CHE -601GE	Analytical methods in Chemistry	3	30	70	3	Elective
VI	CHE -601GEP	Chromatography & Volumetric analysis	3	0	50	2	LAB
VI	CHE -602CE	Organic spectroscopic techniques	3	30	70	3	Cluster
VI	CHE -602CEP	Preparations of Organic compounds	3	0	50	2	LAB
VI	CHE -603CE	Advanced organic reactions	3	30	70	3	Cluster
VI	CHE -603CE P	Preparations of Organic compounds by Green procedure	3	0	50	2	LAB
VI	CHE -604CE	Pharmaceutical and Medicinal chemistry	3	30	70	3	Cluster
VI	CHE -604CE P	Project work	3	0	50	2	LAB

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Department of Chemistry
Course Structure
2022-23

Semester	Course Code	Course Title	Hours /Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	CHET11A	Inorganic and Physical chemistry	4	30	70	3	Core
I	CHEP11A	Analysis of Mixture Salt	2	0	50	2	LAB
II	CHET21A	Organic and General chemistry	4	30	70	3	Core
II	CHEP21A	Volumetric analysis	2	0	50	2	LAB
II	SDCFA201	Food adulteration	2	15	35	2	SDC
III	CHET31A	Organic chemistry and Spectroscopy	4	25	75	3	Core
III	CHEP31A	Organic preparations and IR Spectral Analysis	2	0	50	2	LAB
IV	CHET01	Inorganic, Organic & Physical Chemistry	4	25	75	3	Core
IV	CHEP01	Organic Qualitative Analysis	2	0	50	2	LAB
IV	CHET41A	Inorganic and Physical chemistry	4	25	75	3	Core
IV	CHEP41AP	Conductometric and potentiometric titrations	2	0	50	2	LAB
V/VI	SECCHE-501C/601C-6B	Analytical methods in chemistry-I	3	30	70	3	Core
V/VI	CHE-501P/601P	Volumetric analysis	3	0	50	2	LAB
V/VI	SECCHE-502C/602C-7B	Analytical methods in chemistry-II	3	30	70	3	Core
V/VI	CHE-502P/602P	Chromatographic techniques	3	0	50	2	LAB
V/VI		INTERNSHIP					

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DEPARTMENT OF CHEMISTRY(PG)

COURSE STRUCTURE OF M.Sc.

2018-19 to 2022-23

Department of Chemistry [P.G]
M.Sc. Chemistry Course Structure

2018-2019

Semester	Course Code	Course Title	Hour/ Week	CIA	SEE	No. of Credits	Core/Elective
I	OCH101	General chemistry	4	30	70	4	Core
I	OCH102	Inorganic chemistry-1	4	30	70	4	Core
I	OCH103	Organic chemistry-1	4	30	70	4	Core
I	OCH104	Physical chemistry-1	4	30	70	4	Core
II	OCH201	Organic spectroscopy	4	30	70	4	Core
II	OCH202	Inorganic chemistry-2	4	30	70	4	Core
II	OCH203	Organic chemistry-2	4	30	70	4	Core
II	OCH204	Physical chemistry-2	4	30	70	4	Core
III	OCH301	Advanced organic spectroscopy	4	30	70	4	Core
III	OCH302	Organic reaction & mechanisms	4	30	70	4	Core
III	OCH303	Organic synthesis	4	30	70	4	Core
III	OCH304	Organometallic chemistry, Heterocyclic chemistry and Natural products	4	30	70	4	Core

Department of Chemistry [P.G]
M.Sc. Chemistry Course Structure

2019-20

Semester	Course Code	Course Title	Hour/Week	CIA	SEE	No. of Credits	Core/Elective
I	OCH101	General chemistry	4	30	70	4	Core
I	OCH102	Inorganic chemistry-1	4	30	70	4	Core
I	OCH103	Organic chemistry-1	4	30	70	4	Core
I	OCH104	Physical chemistry-1	4	30	70	4	Core
II	OCH201	Organic spectroscopy	4	30	70	4	Core
II	OCH202	Inorganic chemistry-2	4	30	70	4	Core
II	OCH203	Organic chemistry-2	4	30	70	4	Core
II	OCH204	Physical chemistry-2	4	30	70	4	Core
III	OCH301	Advanced organic spectroscopy	4	30	70	4	Core
III	OCH302	Organic reaction & mechanisms	4	30	70	4	Core
III	OCH303	Organic synthesis	4	30	70	4	Core
III	OCH304	Organometallic chemistry, Heterocyclic chemistry and Natural products	4	30	70	4	Core

Department of Chemistry [P.G]
M.Sc. Chemistry Course Structure

2020-2021

Semester	Course Code	Course Title	Hour/Week	CIA	SEE	No. of Credits	Core/Elective
I	CH1T1	General chemistry	4	30	70	4	Core
I	CH1T2	Inorganic chemistry-1	4	30	70	4	Core
I	CH1T3	Organic chemistry-1	4	30	70	4	Core
I	CH1T4	Physical chemistry-1	4	30	70	4	Core
II	20CH2T1	Organic spectroscopy	4	30	70	4	Core
II	20CH2T2	Inorganic chemistry-2	4	30	70	4	Core
II	20CH2T3	Organic chemistry-2	4	30	70	4	Core
II	20CH2T4	Physical chemistry-2	4	30	70	4	Core
II	20OECH	Chemistry in daily life	4	30	70	4	Elective
III	OCH301	Advanced organic spectroscopy	4	30	70	4	Core
III	OCH302	Organic reaction & mechanisms	4	30	70	4	Core
III	OCH303	Organic synthesis	4	30	70	4	Core
III	OCH304	Organometallic chemistry, Heterocyclic chemistry and Natural products	4	30	70	4	Core

Department of Chemistry [P.G]
M.Sc. Chemistry Course Structure

2021-2022

Semester	Course Code	Course Title	Hour/ Week	CIA	SEE	No. of Credits	Core/Elective
I	20CH1T1	General chemistry	4	30	70	4	Core
I	20CH1T2	Inorganic chemistry-1	4	30	70	4	Core
I	20CH1T3	Organic chemistry-1	4	30	70	4	Core
I	20CH1T4	Physical chemistry-1	4	30	70	4	Core
II	20CH2T1	Organic spectroscopy	4	30	70	4	Core
II	20CH2T2	Inorganic chemistry-2	4	30	70	4	Core
II	20CH2T3	Organic chemistry-2	4	30	70	4	Core
II	20CH2T4	Physical chemistry-2	4	30	70	4	Core
II	20OECH	Chemistry in daily life	4	30	70	4	Elective
III	20CH3T1	Advanced organic Spectroscopy	4	30	70	4	Core
III	20CH3T2	Organic reaction & mechanisms	4	30	70	4	Core
III	20CH3T3A	Organic synthesis	4	30	70	4	Core
III	20CH3T4B	Chemistry of Natural products	4	30	70	4	Core
IV	20CH4T1	Organic chemistry-1(MOOCS)	4	30	70	4	MOOCS
IV	20CH4T2B	Green Chemistry	4	30	70	4	Core
IV	20CH4T3A	Techniques for modern industrial applications	4	30	70	4	Core
IV	20CH4T4	Organo metallics reagents	4	30	70	4	Core

Department of Chemistry [P.G]
M.Sc. Chemistry Course Structure

2022-2023

Semester	Course Code	Course Title	Hour/Week	CIA	SEE	No. of Credits	Core/Elective/ SEC/DSE
I	22CH1T1	General chemistry	4	30	70	4	Core
I	22CH1T2	Inorganic chemistry-1	4	30	70	4	Core
I	22CH1T3	Organic chemistry-1	4	30	70	4	Core
I	22CH1T4	Physical chemistry-1	4	30	70	4	Core
I	22PG101	Personality development through life enlightenment skills	4	30	70	4	Core
II	22CH2T1	Advanced Inorganic Chemistry	4	30	70	4	Core
II	22CH2T2	Advanced Organic chemistry	4	30	70	4	Core
II	22CH2T3	Advanced Physical chemistry	4	30	70	4	Core
II	22CH2E1	Molecular spectroscopy	4	30	70	4	DSE
II	22PG201	Research methodology & Intellectual property	4	30	70	4	SEC
III	20CH3T1	Advanced organic spectroscopy	4	30	70	4	Core
III	20CH3T2	Organic reaction & mechanisms	4	30	70	4	Core
III	20CH3T3A	Organic synthesis	4	30	70	4	Core
III	20CH3T4B	Chemistry of Natural products	4	30	70	4	Core
III	20OECH	Polymer Chemistry	4	30	70	4	Open Elective
IV	22CH4T1	Organic chemistry-1(MOOCS)	4	30	70	4	Core
IV	22CH4T2B	Green chemistry	4	30	70	4	Core
IV	22CH4T3A	Techniques for modern industrial applications	4	30	70	4	Core
IV	22CH4T4	Organo metallics reagents	4	30	70	4	Core

Adusumilli Gopalakrishnaiah & Sugarcane Growers
Siddhartha Degree College of Arts & Science

Vuyyuru – 521165, Krishna District, Andhra Pradesh

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DEPARTMENT OF COMMERCE(UG)

COURSE STRUCTURE

B.COM (GENERAL, COMPUTER APPLICATIONS & E-COMMERCE – COMPUTERS)

2018-19 to 2022-23

A.G & S.G SIDDHARTHA DEGREE COLLEGE: VUYYURU-521165
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Department of Commerce
Course Structure
2018– 2019:

Semester	Course Code	Course Title	Hours/ Week	No. of Credits	CIA	SEE	Core/LSC/SDC/FC/Elective/Cluster
I	CACC101 G/ CC	Fundamentals of Accounting I (Gen, C)	5	4	25	75	Core Paper
I	CBO -102G C	Business Organization (Gen)	5	4	25	75	Core Paper
I	CBOM102CC	Business Organization and management (CA)	5	4	25	75	Core Paper
II	CACC 201 G/CC	Fundamentals of Accounting -- II (Gen,CA)	5	4	25	75	Core Paper
II	CBEN 202 G C	Business Environment (Gen)	5	4	25	75	Core Paper
III	CCA301 G/CC	Corporate Accounting (Gen & CA,)	5	4	25	75	Core Paper
III	CBS 302 G/CC	Business Statistics (Gen & CA,)	5	4	25	75	Core Paper
III	CBTP 303 G/C	Banking theory and practice (Gen)	5	4	25	75	Core Paper
IV	CASO-401 GC	Accounting for Service Organizations (Gen)	5	4	25	75	Core Paper
IV	CBL-402G/CC	Business Laws (Gen & CA)	5	4	25	75	Core Paper
IV	CIT-403GC	Income Tax (Gen)	5	4	25	75	Core Paper
V	CBL-501 (U)	Business Leadership (GEN&CA)	2	2	--	50	University Elective
V	CCOA-502 G/CC	Cost Accounting (GEN&CA)	5	4	25	75	General Elective
V	CTAX -503 CC	Taxation (CA)	5	4	25	75	General Elective
V	CGST 503	Goods and service Tax Fundamentals (GEN)	5	4	25	75	General Elective

	G/C						
V	CCG -504 G/C C	Commercial Geography (GEN&CA)	5	4	25	75	Cluster Elective
V	CCB -505 (E) G/C	Central Banking (GEN)	5	4	25	75	Cluster Elective
V	COM RFC -506 (E)	Rural and Farm Credit (GEN)	5	4	25	75	Cluster Elective
VI	CEM-601G/CC	Event Management (GEN& CA)	2	2	--	50	University Elective
VI	CM-602 GE G/C	Marketing (GEN& CA)	5	4	25	75	General Elective
VI	CAU-603GE G/C	Auditing(GEN& CA)	5	4	25	75	General Elective
VI	CMA 604GE G/C	Management Accounting (GEN& CA)	5	4	25	75	General Elective
VI	CFS 605 CE G/C	Financial Services (GEN)	5	4	25	75	Cluster Elective
VI	CMFS 606 CE G/C	Marketing of Financial Services	5	4	25	75	Cluster Elective
VI	COM 607P	Project	3	4	--	100	Cluster Elective

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Department of Commerce
Course Structure
2019– 2020

Semester	Course Code	Course Title	Hours/ Week	No. of Credits	CIA	SEE	Core/LSC/SDC/FC/Elective/Cluster
I	CACC101 G/ CC	Fundamentals of Accounting I (Gen, CA)	5	4	30	70	Core Paper
I	CBO -102G C	Business Organization (Gen)	5	4	30	70	Core Paper
I	CBO102C C	Business Organization and management (CA)	5	4	30	70	Core Paper
II	CACC 201 G/CC	Fundamentals of Accounting -- II (Gen,CA)	5	4	30	70	Core Paper
II	CBEN 202 G C	Business Environment (Gen)	5	4	30	70	Core Paper
III	CCA301 G/CC	Corporate Accounting (Gen & CA,)	5	4	30	70	Core Paper
III	CBS 302 G/CC	Business Statistics (Gen & CA,)	5	4	30	70	Core Paper
III	CBTP 303 G/C	Banking theory and practice (Gen)	5	4	30	70	Core Paper
IV	CASO-401 GC	Accounting for Service Organizations (Gen)	5	4	30	70	Core Paper
IV	CBL-402G/CC	Business Laws (Gen & CA)	5	4	30	70	Core Paper
IV	CIT-403GC	Income Tax (Gen)	5	4	30	70	Core Paper
IV	CBTP 401 CC	Banking Theory &Practice (CA)	5	4	30	70	Core Paper
IV	LEP 404	Leadership Education (All Degree Programs)	2	2		50	Skill Development Paper
V	CBL-501 (U)	Business Leadership (GEN&CA)	2	2	--	50	University Elective
V	CCOA-	Cost Accounting (GEN&CA)	5	4	25	75	General Elective

	502 G/CC						
V	CTAX - 503 CC	Taxation (CA)	5	4	25	75	General Elective
V	CGST 503 G/C	Goods and service Tax Fundamentals (GEN)	5	4	25	75	General Elective
V	CCG -504 G/C C	Commercial Geography (GEN&CA)	5	4	25	75	Cluster Elective
V	CCB -505 (CE) G/C	Central Banking (GEN)	5	4	25	75	Cluster Elective
V	C RC -506 (CE) G/C	Rural and Farm Credit (GEN)	5	4	25	75	Cluster Elective
V	COM507	Project	5			100	Cluster Elective
VI	CEM-601G/CC	Event Management (GEN& CA)	2	2	--	50	University Elective
VI	CM-602 GE G/C	Marketing (GEN& CA)	5	4	25	75	General Elective
VI	CAU-603GE G/C	Auditing (GEN& CA)	5	4	25	75	General Elective
VI	CMA 604GE G/C	Management Accounting (GEN& CA)	5	4	25	75	General Elective
VI	CFS 605 CE G/C	Financial Services (GEN)	5	4	25	75	Cluster Elective
VI	CMFS 606 CE G/C	Marketing of Financial Services	5	4	25	75	Cluster Elective
VI	COM 607P	Project	3	4	--	100	Cluster Elective

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Department of Commerce
Course Structure
2020– 2021

Semester	Course Code	Course Title	Hours/ Week	No. of Credits	CIA	SEE	Core/LSC/SDC/FC/Elective/Cluster
I	CACC-101 G/CC	Fundamentals of Accounting-1 (Gen, CA)	5	4	30	70	Core Paper
I	CBOM-102CC	Business Organization and Management (CA,)	5	4	30	70	Core Paper
I	CBO-102G/C	Business Organization	5	4	30	70	Core Paper
I	CBEN-103G/C	Business Environment (Gen)	5	4	30	70	Core Paper
I	CIP 104 G/CC	Insurance promotion (Gen & CA)	2	2	10	40	Skill Development Paper
II	CACC -201G/C C	Fundamentals of Accounting – II (Gen, CA)	5	4	30	70	Core Paper
II	BE-202G/CC	BUSINESS ECONOMICS (Gen, CA)	5	4	30	70	Core Paper
II	CBTP-203G/C	Banking Theory &Practice (Gen)	5	4	30	70	Core Paper
III	CCA-301G/C C	Corporate Accounting (Gen & CA)	5	4	30	70	Core Paper
III	CBS-302G/C C	Business Statistics (Gen & CA,)	5	4	30	70	Core Paper
III	CBTP-303G C	Banking Theory & Practice (Gen)	5	4	30	70	Core Paper
IV	CASO -401G/C	AccountingforServiceOrganisation (Gen)	5	4	30	70	Core Paper
IV	CBTP-401C C	Banking Theory & Practice (CA)	5	4	30	70	Core Paper
IV	CBL-402G/CC	Business Laws (Gen & CA)	5	4	30	70	Core Paper
IV	CIT-403G/C	Income Tax (Gen)	5	4	30	70	Core Paper
V	CBL-501 (U)		2	2	--	50	University

		Business Leadership (GEN&CA)					Elective
V	CCOA-502 G/CC	Cost Accounting (GEN&CA)	5	4	25	75	General Elective
V	CTAX -503 CC	Taxation (CA)	5	4	25	75	General Elective
V	CGST 503 G/C	Goods and service Tax Fundamentals (GEN)	5	4	25	75	General Elective
V	CCG -504 G/C C	Commercial Geography (GEN&CA)	5	4	25	75	Cluster Elective
V	CCB -505 (CE) G/C	Central Banking (GEN)	5	4	25	75	Cluster Elective
V	C RC -506 (CE) G/C	Rural and Farm Credit (GEN)	5	4	25	75	Cluster Elective
V	COM507	Project	5			100	Cluster Elective
VI	CEM-601G/CC	Event Management	2	2	-	50	University Elective
VI	CM-602GEG/C C	Marketing	5	4	30	70	General Elective
VI	CAU-603GE G/C C	Auditing	5	4	30	70	General Elective
VI	CMA 604GE G/C C	Management Accounting	5	4	30	70	General Elective
VI	CFS 605 CE G/C	Financial Services	5	4	30	70	Cluster Elective
VI	CMFS 606 CE G/C	Marketing of Financial Services	5	4	30	70	Cluster Elective
VI	COM 607P	Project	3	4	--	100	Cluster Elective

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Department of Commerce

Course Structure

2021– 2022

Semester	Course Code	Course Title	Hours/ Week	No. of Credits	CIA	SEE	Core/LSC/SDC/FC/Elective/Cluster
I	COMT11B	Fundamentals of Accounting (Gen, CA& E-Com)	5	4	25	75	Core Paper
I	COMT12A	Business Organization and Management (Gen &CA ,e-com))	5	4	25	75	Core Paper
I	COMT13	Business Environment (Gen)	5	4	25	75	Core Paper
I	COMT14S	Entrepreneurship development (Gen, CA& E-Com)	2	2	10	40	Skill development Paper
II	COMT21A	Financial Accounting (Gen, CA & EC)	5	4	25	75	Core Paper
II	ECOT22B	Business Economics (Gen, CA)	5	4	25	75	Core Paper
II	COMT22B	Banking Theory &Practice (Gen)	5	4	25	75	Core Paper
II	CAD-201G/C	Advertising (Gen, CA & EC)	2	2	10	40	Skill development Paper
III	COMT 301 G/CC	Online Business (Gen & CA, e-com)	2	2	10	40	Core Paper
III	CAA-302G/C	Advanced Accounting (Gen & CA, e-com)	5	4	30	70	Core Paper
III	CBS - 303G/C	Business Statistics (Gen & CA,)	5	4	30	70	Core Paper
III	CM304 G	Marketing (Gen)	5	4	30	70	Core Paper
IV	CCA-401 G/C	Corporate Accounting (Gen & CA)	5	4	30	70	Core Paper
IV	CCMA-402G/C	Cost and Management Accounting (Gen & CA)	5	4	30	70	Core Paper
IV	CIT-403G/C	Income Tax (Gen & CA)	5	4	30	70	Core Paper
IV	CBL-404G/C	Business Laws (Gen & CA)	5	4	30	70	Core Paper

IV	CAUD-405G	Auditing (Gen)	5	4	30	70	Core Paper
IV	CGST-406 G	Goods and Service Tax (Gen)	5	4	30	70	Core Paper
V	CBL-501 (U)	Business Leadership (GEN&CA)	2	2	--	50	University Elective
V	CCOA-502 G/CC	Cost Accounting (GEN&CA)	5	4	30	70	General Elective
V	CTAX -503 CC	Taxation (CA)	5	4	30	70	General Elective
V	CGST 503 G/C	Goods and service Tax Fundamentals (GEN)	5	4	30	70	General Elective
V	CCG -504 G/C C	Commercial Geography (GEN&CA)	5	4	30	70	Cluster Elective
V	CCB -505 (CE) G/C	Central Banking (GEN)	5	4	30	70	Cluster Elective
V	C RC -506 (CE) G/C	Rural and Farm Credit (GEN)	5	4	30	70	Cluster Elective
V	COM507	Project	5	-	-	100	Cluster Elective
VI	CEM-601 G/C C	Event Management	2	2	-	50	University Elective
VI	CM-602GEG/C C	Marketing	5	4	30	70	General Elective
VI	CAU-603GE G/C C	Auditing	5	4	30	70	General Elective
VI	CMA 604GE G/C	Management Accounting	5	4	30	70	General Elective
VI	CFS 605 CE G/C	Financial Services	5	4	30	70	Cluster Elective
VI	CMFS 606 CE G/C	Marketing of Financial Services	5	4	30	70	Cluster Elective
VI	COM 607P	Project	3	4	--	100	Cluster Elective

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Department of Commerce

Course Structure
2022– 2023

Semester	Course Code	Course Title	Hours/ Week	No. of Cred its	CIA	SEE	Core/LSC/S DC/FC/Elec tive/Cluster
I	COMT11B	Fundamentals of Accounting (Gen, CA & E-Com)	5	4	30	70	Core Paper
I	COMT12A	Business Organization and Management (Gen & CA,)	5	4	30	70	Core Paper
I	COMT13	Business Environment (Gen)	5	4	30	70	Core Paper
I	COM14P	Principles of management (E-Com)	5	4	30	70	Core Paper
I	COMT15S	Insurance promotion (Gen, CA & E-Com)	2	2	10	40	Skill development Paper
II	COMT21A	Financial Accounting (Gen, CA & E-C)	5	4	30	70	Core Paper
II	COMT23B	Business Economics (Gen, CA & E-C)	5	4	30	70	Core Paper
II	COMT22B	Banking Theory &Practice (Gen)	5	4	30	70	Core Paper
II	CAD-201G/C	Advertising (Gen, CA & EC)	2	2	15	35	Skill development Paper
II	CR202G/C	Retailing (Gen, CA & EC)	2	2	15	35	Skill development Paper
III	COMT31	Advanced Accounting (Gen & CA, e-com)	5	4	25	75	Core Paper
III	COMT32	Business Statistics (Gen & CA,)	5	4	25	75	Core Paper
III	COMT33	Marketing (Gen)	5	4	25	75	Core Paper
III	COMT34	e-Commerce(e-com)	5	4	25	75	Core Paper
III	COMT 35S	Online Business (Gen & CA, e-com)	2	2	10	40	Skill development Paper
III	COM 36SI	Insurance promotion (Gen, CA & E-Com)	2	2	10	40	Skill development

							Paper
IV	COMT41A	Corporate Accounting (Gen, CA& E-C))	5	4	25	75	Core Paper
IV	COMT45	Cost and Management Accounting (Gen, CA & E-C)	5	4	25	75	Core Paper
IV	COMT43A	Income Tax (Gen)	5	4	25	75	Core Paper
IV	COMT48	Taxation (CA& E-C)	5	4	25	75	Core Paper
IV	COMT42A	Business Laws (Gen, CA & E-C)	5	4	25	75	Core Paper
IV	COMT46	Auditing (Gen)	5	4	25	75	Core Paper
IV	COMT44	Goods and Service Tax (Gen)	5	4	25	75	Core Paper
V/VI	CACA-501 /G/C/ CACA-601 G/C	Advanced Corporate Accounting (GEN&CA)	5	4	30	70	Skill Enhancement Course
V/VI	CSSA-502 G/C/ CSSA-602 G/C	Software Solutions to Accounting (GEN&CA)	5	4	30	70	Skill Enhancement Course
V/VI	CAMP-503 G/C/ CAMP-603 G/C	Advertising and Media Planning (GEN&CA)	5	4	30	70	Skill Enhancement Course
V/VI	CSPP -504 G/C/ CSPP -604 G/C	Sales Promotion and Practice (GEN&CA)	5	4	30	70	Skill Enhancement Course
V/VI	CDM -505 G	Digital Marketing (GEN)	5	4	30	70	Skill Enhancement Course
V/VI	CSM -506 G	Service Marketing (GEN)	5	4	30	70	Skill Enhancement Course
V/VI		INTERNSHIP					

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DEPARTMENT OF COMMERCE(PG)

COURSE STRUCTURE OF M. COM

2018-19 to 2020-21

A.G & S.G SIDDHARTHA DEGREE COLLEGE: VUYYURU-521165

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Department of Commerce (M.COM)

Course Structure

2018– 2019

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/ Cluster
I	COM101	Business Management	5	30	70	4	CORE
I	COM102	Business Economics	5	30	70	4	CORE
I	COM103	Business Environment	5	30	70	4	CORE
I	COM104	Entrepreneurship Development	5	30	70	4	CORE
I	COM105	Information Technology for Business	5	30	70	4	CORE
I	COM106	Quantitative Techniques for Business	5	30	70	4	CORE
II	COM211	Business law	5	30	70	4	CORE
II	COM212	Financial Management	5	30	70	4	CORE
II	COM213	Human Resources Management	5	30	70	4	CORE
II	COM214	Marketing Management	5	30	70	4	CORE
II	COM215	Research methods and Business Analytics	5	30	70	4	CORE
II	COM216	E-. Commerce	5	30	70	4	CORE
II	GE02	Human values and Ethics	2	50	-	2	ELECTIVE
III	COM 301	Financial Accounting and Packages	5	30	70	4	CORE
III	COM 302	Business Communications	5	30	70	4	CORE
III	COM 303	Corporate Accounting	5	30	70	4	CORE
III	COM 304	Direct Taxes	5	30	70	4	CORE
III	COM 305	Advanced Banking	5	30	70	4	CORE
III	COM 306	Insurance and Risk Management	5	30	70	4	CORE
III	COM 307	Disaster Management	2	50	-	2	ELECTIVE
III	COM 308	Project	5		100	4	CORE
IV	COM 401	Indian Financial System	5	30	70	4	CORE
IV	COM 402	International Business	5	30	70	4	CORE
IV	COM 403	E-Banking	5	30	70	4	CORE
IV	COM 404	International Banking	5	30	70	4	CORE
IV	COM 405	General Insurance	5	30	70	4	CORE
IV	COM 406	Life Insurance	5	30	70	4	CORE
IV	COM 407	Project- VIVA VOCE	5	-	100	4	CORE

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Course Structure

2019– 2020

Semester	Course Code	Course Title	Hours/Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	COM101	Business Management	5	30	70	4	CORE
I	COM102	Business Economics	5	30	70	4	CORE
I	COM103	Business Environment	5	30	70	4	CORE
I	COM104	Entrepreneurship Development	5	30	70	4	CORE
I	COM105	Information Technology for Business	5	30	70	4	CORE
I	COM106	Quantitative Techniques for Business	5	30	70	4	CORE
II	COM211	Business law	5	30	70	4	CORE
II	COM212	Financial Management	5	30	70	4	CORE
II	COM213	Human Resources Management	5	30	70	4	CORE
II	COM214	Marketing Management	5	30	70	4	CORE
II	COM215	Research methods and Business Analytics	5	30	70	4	CORE
II	COM216	E-. Commerce	5	30	70	4	CORE
II	GE02	Human values and Ethics	2	50	-	2	ELECTIVE
III	COM 301	Financial Accounting and Packages	5	30	70	4	CORE
III	COM 302	Business Communications	5	30	70	4	CORE
III	COM 303	Corporate Accounting	5	30	70	4	CORE
III	COM 304	Direct Taxes	5	30	70	4	CORE
III	COM 305	Advanced Banking	5	30	70	4	CORE
III	COM 306	Insurance and Risk Management	5	30	70	4	CORE
III	COM 308	Project	5		100	4	CORE
IV	COM 401	Indian Financial System	5	30	70	4	CORE
IV	COM 402	International Business	5	30	70	4	CORE
IV	COM 403	E-Banking	5	30	70	4	CORE
IV	COM 404	International Banking	5	30	70	4	CORE
IV	COM 405	General Insurance	5	30	70	4	CORE
IV	COM 406	Life Insurance	5	30	70	4	CORE
IV	COM 407	Project- VIVA VOCE	5	-	100	4	CORE

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Department of Commerce (M.COM)
Course Structure

2020– 2021

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/ Cluster
I	CO101	Management theory and practice	5	30	70	4	CORE
I	CO102	Business Economics	5	30	70	4	CORE
I	CO103	Business Environment	5	30	70	4	CORE
I	CO104	Entrepreneurship Development	5	30	70	4	CORE
I	CO105	Information technology for Business	5	30	70	4	CORE
I	CO106	Quantitative techniques for business decisions	5	30	70	4	CORE
II	COM211	Business laws	5	30	70	4	CORE
II	COM212	Financial management	5	30	70	4	CORE
II	COM213	Human resources management	5	30	70	4	CORE
II	COM214	Marketing management	5	30	70	4	CORE
II	COM215	Business analytics and research methods	5	30	70	4	CORE
II	COM216	E- commerce	5	30	70	4	CORE
II	GE-02	CBCS PAPER-I	2	50	-	2	ELECTIVE
III	CO311	Business communication skills	5	30	70	4	CORE
III	CO312	Financial institution and markets	5	30	70	4	CORE
III	CO321	Advanced cost accounting	5	30	70	4	CORE
III	CO322	Corporate accounting	5	30	70	4	CORE
III	CO331	Security analysis andportfolio management	5	30	70	4	CORE
III	CO332	Bank management	5	30	70	4	CORE
III	GE-04	Fundamentals of goods and service tax	2	50	-	2	ELECTIVE
III		Project	5		100	4	CORE
IV	CO411	Project planning and control	5	30	70	4	CORE
IV	CO412	International business	5	30	70	4	CORE
IV	CO413	MOOCS Organisational behaviour	5	30	70	4	CORE
IV	CO431	International banking	5	30	70	4	CORE
IV	CO432	Financial services	5	30	70	4	CORE
IV	CO433	Banking & technology	5	30	70	4	CORE
IV	CO434	Insurance products & management	5	30	70	4	CORE
IV		Project- VIVA VOCE	5	-	100	4	CORE

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Department of Commerce (M.COM)

Course Structure

2021– 2022

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/ Cluster
III	CO311	Business communication skills	5	30	70	4	CORE
III	CO312	Financial institution and markets	5	30	70	4	CORE
III	CO321	Advanced cost accounting	5	30	70	4	CORE
III	CO322	Corporate accounting	5	30	70	4	CORE
III	CO331	Security analysis andportfolio management	5	30	70	4	CORE
III	CO332	Bank management	5	30	70	4	CORE
III	GE-04	Fundamentals of goods and service tax	2	50	-	2	ELECTIVE
III		Project	5		100	4	CORE
IV	CO411	Project planning and control	5	30	70	4	CORE
IV	CO412	International business	5	30	70	4	CORE
IV	CO413	MOOCS Organisational behaviour	5	30	70	4	CORE
IV	CO431	International banking	5	30	70	4	CORE
IV	CO432	Financial services	5	30	70	4	CORE
IV	CO433	Banking & technology	5	30	70	4	CORE
IV	CO434	Insurance products & management	5	30	70	4	CORE
IV		Project- VIVA VOCE	5	-	100	4	CORE

Adusumilli Gopalakrishnaiah& Sugarcane Growers

Siddhartha Degree College of Arts & Science

Vuyyuru – 521165, Krishna District, Andhra Pradesh

(An Autonomous College in the Jurisdiction of Krishna University, Machilipatnam)

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ISO 9001:2015 Certified Institution

DEPARTMENT OF COMPUTER SCIENCE (UG)

COURSE STRUCTURE

B.Sc. (MPCS, MCCS, MSCS)

B. Com (Computer Applications),

B.Com (E-Commerce – Computers)

2018-19 to 2022-23

A.G & S.G SIDDHARTHA DEGREE COLLEGE: VUYYURU-521165
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Department of Computer Science

Course Structure – B.Sc (M.P.CS, M.C.CS)

Year : - 2018-2019

Semester	Course Code	Course Title	Hours / Week	CIA	SEE	No.of Credits	Core/LSC / SDC/ Elective/ Cluster
I	CSC-101C	Computer Fundamentals & Photoshop	4	30	70	3	Core
	CSC-101P	Computer Fundamentals & Photoshop lab	2	25	25	2	Core
II	CSC-201C	Programming in C	4	30	70	3	Core
	CSC-201P	Programming in C lab	2	25	25	2	Core
III	CSC-301C	Object Oriented Programming using JAVA	4	25	75	3	Core
	CSC-301P	Object Oriented Programming using JAVA lab	2	25	25	2	Core
IV	CSC-401C	Data Structures	4	25	75	3	Core
	CSC-401P	Data Structures Lab	2	25	25	2	Core
V	CSC-501C	Data Base Management System	4	25	75	3	Core
	CSC-501P	Data Base Management System Lab	2	25	25	2	Core
	CSC-502C	Software Engineering	4	25	75	3	Core
	CSC-502C	Software Engineering Lab	2	25	25	2	Core
VI	CSC-601(GE)	Web Technologies	4	25	75	3	General Elective
	CSC-601(GE)	Web Technologies Lab	2	25	25	2	General Elective
	CSC-602CE	PHP, MySql& Word Press	4	25	75	3	Cluster Elective
	CSC-602CE	PHP, MySql& Word Press Lab	3	25	25	2	Cluster Elective
	CSC-603CE	JQUERY/AJAX/JSON/ANGULAR JS	4	25	75	3	Cluster Elective
	CSC-603CE	JQUERY/AJAX/JSON/ANGULAR JS Lab	2	25	25	2	Cluster Elective
	CSC -PROJ-602P	Project(PHP & MY SQL)	4	25	75	2	Project

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Department of Computer Science

Course Structure – B.Com (Computer Applications)

Year : - 2018-2019

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core / Open Elective
I	CCSC-103C	Computer Fundamentals & Photoshop	5	30	70	3	Core
	CCSC-103P	Computer Fundamentals & Photoshop Lab	2	25	25	2	Core
II	CCSC-203C	Enterprise Resource Planning	5	30	70	4	Core
III	CCSC-303C	Office Automation Tools	5	25	75	4	Core
	CCSC-303P	Office Automation Tools Lab	2	25	25	2	Core
IV	CCSC-403C	Business Analytics	5	25	75	4	Core
V	CCSC 505C	Programming in C	5	25	75	3	Core
	CCSC-505P	Programming in C Lab	2	25	25	2	Core
	CCSC 506C	Data Base Management System	5	25	75	3	Core
	CCSC-506P	Data Base Management System Lab	2	25	25	2	Core
	CCSC-507C	Web Technologies	5	25	75	3	Core
VI	COM-CSC 605	TALLY	5	25	75	3	Core
	COM-CSC 605P	TALLY Lab	3	25	25	2	Core
	COM-CSC 606	E-COMMERCE	5	25	75	3	Core
	COM-CSC 607	PHP& MY SQL	5	25	75	3	Core
	COM-CSC 607P	PHP& MY SQL Lab	2	25	25	2	Core

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Department of Computer Science
Course Structure – B.A,B.Com &B.Sc

Year : - 2018-2019

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core / Open Elective
II	ICT-I-201	Computer Fundamentals & Office Tools	2	0	50	2	ICT
III	ICT-II-301	Internet Fundamentals & Web Tools	2	0	50	2	ICT

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Department of Computer Science

Course Structure – B.Sc (M.P.CS , M.C.CS)

2019-20:

Semester	Course Code	Course Title	Hours/Week	CIA	SEE	No. of Credits	Core / Open Elective
I	CSC-101C	Computer Fundamentals & Photoshop	4	30	70	3	CORE
	CSC-101P	Computer Fundamentals & Photoshop lab	2	25	25	2	CORE
II	CSC-201C	Programming in C	4	30	70	3	CORE
	CSC-201P	Programming in C lab	2	25	25	2	CORE
III	CSC-301C	Object Oriented Programming using JAVA	4	25	75	3	CORE
	CSC-301P	Object Oriented Programming using JAVA lab	2	25	25	2	CORE
IV	CSC-401C	Data Structures	4	25	75	4	CORE
	CSC-401P	Data Structures Lab	2	25	25	2	CORE
V	CSC-501C	Data Base Management System	4	25	75	3	CORE
	CSC-501P	Data Base Management System Lab	2	5	25	2	CORE
	CSC-502C	Software Engineering	4	25	75	3	CORE
	CSC-502P	Software Engineering Lab	2	5	25	2	CORE
VI	CSC-601(GE)	Web Technologies	4	25	75	3	CORE
	CSC-601(GE)	Web Technologies Lab	2	5	25	2	CORE
	CSC-602CE	PHP, MySql& Word Press	4	25	75	3	CORE
	CSC-602CE	PHP, MySql& Word Press Lab	3	5	25	2	CORE
	CSC-603CE	JQUERY/AJAX/JSON/ANGULAR JS	4	25	75	3	CORE
	CSC-603CE	JQUERY/AJAX/JSON/ANGULAR JS Lab	3	5	25	2	CORE
	CSC -PROJ-602P	Project(PHP & MY SQL)	4	25	75	2	CORE

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Department of Computer Science

Course Structure – B.Com (Computer Applications)

2019-20:

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core / Open Elective
I	CCSC-103C	Computer Fundamentals & Photoshop	4	70	30	3	CORE
	CCSC-103P	Computer Fundamentals & Photoshop Lab	2	25	25	2	CORE
II	CCSC-203C	Enterprise Resource Planning	5	30	70	4	CORE
III	CCSC-303C	Office Automation Tools	5	25	75	4	CORE
	CCSC-303P	Office Automation Tools Lab	2	25	25	2	CORE
IV	CCSC-403C	Business Analytics	5	25	75	4	CORE
V	CCSC 505C	Programming in C	5	25	75	3	CORE
	CCSC-505P	Programming in C Lab	2	25	25	2	CORE
	CCSC 506C	Data Base Management System	5	25	75	3	CORE
	CCSC-506P	Data Base Management System Lab	2	25	25	2	CORE
	CCSC-507C	Web Technologies	5	25	75	3	CORE
VI	COM-CSC 605	TALLY	5			3	CORE
	COM-CSC 605P	TALLY Lab	3	25	25	2	CORE
	COM-CSC 606	E-COMMERCE	5	25	75	3	CORE
	CCSC-607CE	PHP& MY SQL	5	25	75	3	CORE
	CCSC -607	PHP& MY SQL Lab	3	25	25	2	CORE

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Department of Computer Science

Course Structure – B.A,B.COM,B.Sc

2019-20:

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core / Open Elective
II	ICT-I-201	Computer Fundamentals & Office Tools	2	0	50	2	ICT
III	ICT-II-301	Internet Fundamentals & Web Tools	2	0	50	2	ICT

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Department of Computer Science

Course Structure – B.Sc (M.P.CS,M.C.CS)

YEAR:2020-21

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core / Open Elective
I	CSC-101C	PROBLEM SOLVING IN 'C'	3	30	70	3	Core
	CSC-101P	PROBLEM SOLVING IN 'C' LAB	2	25	25	2	Core
II	CSC-201C	DATA STRUCTURES USING C	3	30	70	3	Core
	CSC-201P	DATA STRUCTURES USING C LAB	2	25	25	2	Core
III	CSC-301C	OBJECT ORIENTED PROGRAMMING USING JAVA	3	30	70	3	Core
	CSC-301C	OBJECT ORIENTED PROGRAMMING USING JAVA LAB	2	25	25	2	Core
IV	CSC-401C	DATA STRUCTURES	3	30	70	3	Core
	CSC-401P	DATA STRUCTURES LAB	2	25	25	2	Core
V	CSC-501C	DATA BASE MANAGEMENT SYSTEMS	3	30	70	3	Core
	CSC-501P	DATA BASE MANAGEMENT SYSTEMS LAB	2	25	25	2	Core
	CSC-502C	SOFTWARE ENGINEERING	3	30	70	3	Core
	CSC-502C	SOFTWARE ENGINEERING LAB	2	25	25	2	Core
VI	CSC-601(GE)	WEB TECHNOLOGIES	4	30	70	3	GENERL Elective
	CSC-601(GE)	WEB TECHNOLOGIES LAB	2	25	25	2	GENERL Elective
	CSC-602CE	PHP, MySQL & Word Press	4	30	70	3	CLUSTER Elective
	CSC-602CE	PHP, MySQL & Word Press LAB	2	25	25	2	CLUSTER Elective
	CSC-603CE	Advanced java Script: JQUERY/AJAX/JSON/ANGULAR JS	3	30	70	3	CLUSTER Elective
	CSC-603CE P	Advanced java Script: JQUERY/AJAX/JSON/ANGULAR JS LAB	2	25	25	2	CLUSTER Elective
	CSC PROJ-602 P	PROJECT (Java, PHP &MYSQL)(100 Marks)	4	25	75	2	Project

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Department of Computer Science

Course Structure – B.Com (Computer Applications)

YEAR:2020-21

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core / Open Elective
I	CCSC-103C	INTRODUCTION TO INFORMATION TECHNOLOGY & INTERNET	3	30	70	3	Core
	CCSC-103P	INTRODUCTION TO INFORMATION TECHNOLOGY & INTERNET LAB	2	25	25	2	Core
II	CCSC-203C	E-COMMERCE&WEB DESIGNING	3	30	70	3	Core
	CCSC-203P	E-COMMERCE & WEB DESIGNINGLAB	2	25	25	2	Core
III	CCSC-303C	OFFICE AUTOMATION TOOLS	4	30	70	4	Core
	CCSC-303P	OFFICE AUTOMATION TOOLS LAB	2	25	25	2	Core
IV	CCSC 403C	PROGMAMMING IN C	3	30	70	3	Core
	CCSC 403P	PROGMAMMING IN C LAB	2	25	25	2	Core
V	CCSC-505C	OBJECT ORIENTED PROGRAMMING USING JAVA	3	30	70	3	Core
	CCSC-505P	OBJECT ORIENTED PROGRAMMING USING JAVA LAB	2	25	25	2	Core
	CCSC 506C	DATA BASE MANAGEMENT SYSTEMS	3	30	70	3	Core
	CCSC 506P	DATA BASE MANAGEMENT SYSTEMS LAB	2	25	25	2	Core
	CCSC-507C	WEB TECHNOLOGIES	3	30	70	3	Core
VI	CCSC-605CE	TALLY	3	30	70	3	CLUSTER Elective
	CCSC-605P	TALLY Lab	2	25	25	2	Core
	CCSC-606CE	E-COMMERCE	5	30	70	3	CLUSTER Elective
	CCSC-607CE	PHP& MY SQL	5	30	70	3	CLUSTER Elective
	CCSC-607CEP	PHP& MY SQL LAB	2	25	25	2	CLUSTER Elective

A.G & S.G SIDDHARTHA DEGREE COLLEGE: VUYYURU-521165
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Department of Computer Science

Course Structure – B.A, B.COM & B.SC

YEAR:2020-21

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core / Open Elective
II	ICT-I-201	INFORMATION & COMMUNICATION TECHNOLOGY	2	0	50	2	ICT
III	ICT-II-301C	INTERNET FUNDAMENTALS & WEB TOOLS	2	0	50	2	ICT

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DEPARTMENT OF COMPUTER SCIENCE
Course Structure-B.sc (MPCS/MCCS/MSCS)

Year : 2021-2022

Semester	Course Code	Course Title	Hours / Week	CIA	SEE	No.of Credits	Core/LSC / SDC/ Elective/ Cluster
I	CSCT11B	Problem Solving In C	4	25	75	4	Core
	CSCP11B	Problem Solving in C Lab	2	25	25	2	core
II	CSCT21B	Data Structures	4	25	75	4	core
	CSCT21B	Data Structures Lab	2	25	25	2	core
	SDCCSC02	DIGITAL MARKETING	2		50	2	SDC
III	CSC-301C	DATA BASE MANAGEMENT SYSTEMS	4	30	70	4	core
	CSC-301P	DATA BASE MANAGEMENT SYSTEMS-Lab	2	25	25	2	core
IV	CSCT01	Oop'sWith JAVA	4	30	70	3	core
	CSCT01P	Oop's With JAVA -Lab	2	25	25	2	core
	CSCT41C	Operating System	4	30	70	3	core
	CSCT41C	Operating System -Lab	2	25	25	2	core
V	CSC-501C	DATA BASE MANAGEMENT SYSTEMS	4	30	70	4	core
	CSC-501P	DATA BASE MANAGEMENT SYSTEMS-LAB	2	25	25	2	core
	CSC-502C	Software Engineering	4	30	70	4	core
	CSC-502P	Software Engineering -Lab	2	25	25	2	Core
VI	CSC601GE	Web Technology	4	25	75	4	G-Elective
	CSC601GE	Web Technology -Lab	2	25	25	2	G-Elective
	CSC602CE	PHP& My sql, Word Press	4	30	70	4	C-Elective
	CSC602CE	PHP& My sql, Word Press -Lab	2	25	25	2	C-Elective
	CSC603CE	Java Script/Ajax	4	30	70	4	C-Elective
	CSC603CE	Java Script/Ajax -Lab	2	25	25	2	C-Elective
	CSC604CE	Project	4	50	50	4	Project

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DEPARTMENT OF COMPUTER SCIENCE
Course Structure-B.Com(COMPUTER APPLICATIONS)
Year : - 2021-2022

Semester	Course Code	Course Title	Hours / Week	CIA	SEE	No.of Credits	Core/LSC/ SDC/ Elective/ Cluster
I	CABT11A	Information Technology	4	25	75	4	core
II	CABT21A	E– COMMERCE & WEB DESIGNING	4	25	75	4	core
	CABT21A	E– COMMERCE & WEB DESIGNING	2	25	25	2	core
III	CCSC-301C	Programming in C	4	30	70	4	core
	CCSC-301P	Programming in C-Lab	2	25	25	2	core
IV	CCSE401G	DATA BASE MANAGEMENT SYSTEMS	4	30	70	4	core
	CCSC401P	DATA BASE MANAGEMENT SYSTEMS-Lab	2	25	25	2	core
	CCSC402G	Oop'sWith JAVA	4	30	70	4	core
	CCSC402P	Oop's With JAVA - LAB	2	25	25	2	core
V	CCSC-505C	OBJECT ORIENTED PROGRAMMING USING JAVA	4	30	70	4	core
	CCSC-505C	OBJECT ORIENTED PROGRAMMING USING JAVA-lab	2	25	25	2	core
	CCSC 506C	DATA BASE MANAGEMENT SYSTEMS	4	30	70	4	core
	CCSC-506P	DATA BASE MANAGEMENT SYSTEMS-LAB	2	25	25	2	core
	CCSC-507C	WEB TECHNOLOGIES	4	30	70	4	core
VI	CCSC605CE	Tally	4	30	70	4	core
	CCSC605P	Tally -Lab	2	25	25	2	core
	CSC606CE	E-Commerce	4	30	70	4	core
	CCSC607CE	PHP & MY Sql	4	30	70	4	core
	CCSC607P	PHP & MY Sql -Lab	2	25	25	2	core

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DEPARTMENT OF COMPUTER SCIENCE
Course Structure-B.Com(E-COMMERCE-COMPUTERS)
Year : - 2021-2022

Semester	Course Code	Course Title	Hours / Week	CIA	SEE	No.of Credits	Core/LSC/ SDC/ Elective/ Cluster
I	CSCT11B	E–COMMERCE &WEB DESIGNING	4	25	75	4	core
	CSCP11B	E–COMMERCE &WEB DESIGNING LAB	2	25	25	2	core
II	CABT21A	Information Technology	4	25	75	4	core
	CABT22A	Computer Applications	3	25	75	4	core
	CABT22A	Computer Application Lab	2	25	25	2	core

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DEPARTMENT OF COMPUTER SCIENCE
Course Structure-:I BZC,I AQUA,I BA

Year : - 2021-2022

Semester	Course Code	Course Title	Hours / Week	CIA	SEE	No.of Credits	Core/LSC/ SDC/ Elective/ Cluster
I	LSC1	BASIC COMPUTER APPLICATIONS	2	10	40	2	LSC
II	SDCCSC02	DIGITAL MARKITING	2	10	40	2	SDC

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Department of Computer Science

Course Structure – B.Sc (M.P.CS / M.C.CS / M.S.CS)

YEAR:2022-23

Semester	Course Code	Course Title	Hours/Week	CIA	SEE	No. of Credits	Core / Open Elective
I	CSCT11B	Problem solvingin C	3	25	75	3	Core
	CSCP11B	Problem solvinginCLab	2	10	40	1	Core
II	CSCT21B	Data Structures	4	25	75	4	Core
	CSCT21B	Data Structures Lab	2	10	40	1	Core
III	CSCT37	Data Base Management System	3	25	75	3	Core
	CSCP37	Data Base Management System Lab	2	10	40	1	Core
IV	CSCT01	Object Oriented Programming using Java	4	25	75	4	Core
	CSCP01	Object Oriented Programming using Java Lab	2	10	40	1	Core
	CSCT41C	Operating System	4	25	75	4	Core
	CSCT41C	Operating system Lab	2	10	40	1	Core
V/VI	SECCSCT01	Web InterfaceDesigningTechnologies	3	30	70	3	Core
V/VI	SECCSCP01	Web InterfaceDesigningTechnologiesLab	3	10	40	2	Core
V/VI	SECCSCT02	Web ApplicationsDevelopmentusing PHP&MYSQL	3	30	70	3	Core
V/VI	SECCSCP02	Web ApplicationsDevelopmentusingPHP&MYSQLLab	3	10	40	2	Core
V/VI		INTERNSHIP					

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Department of Computer Science
Course Structure – B.Com (Computer Applications)
YEAR:2022-23

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core / Open Elective
I	CSBT11A	InformationTechnology	5	30	70	4	Core
II	CABT21A	E–COMMERCE & WEB DESIGNING	4	30	70	3	Core
	CABT21A	Web Design Lab	2	10	40	1	Core
III	CABT31A	Programmingwith C&C++	3	25	75	3	Core
	CABP31A	Programming with C&C++ Lab	2	10	40	1	Core
IV	CABT41A	DBMS	3	25	75	3	Core
	CABP41A	DBMS Lab	2	10	40	1	Core
	CCSCT42	Object Oriented Programming using Java	3	25	75	3	Core
	CCSCP42	Object Oriented Programming using Java Lab	2	10	40	1	Core
V/VI	SECCAT01	BigdataAnalyticsusingR	3	30	70	3	Core
	SECCAP01	BigdataAnalyticsusingR Lab	3	10	40	2	Core
	SECCAT07	DataScienceusingPython	3	30	70	3	Core
	SECCAP07	DataScienceusing PythonLab	3	10	40	2	Core

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Department of Computer Science

Course Structure – B.Com (E-Commerce-Computers)

YEAR:2022-23

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core / Open Elective
I	CCSE101	ComputerApplications	3	30	70	3	Core
	CCSEP101	ComputerApplications Lab	2	10	40	1	Core
II	ECCSC21	Programming in C	4	30	70	4	Core
	ECCSC21	Programming in C Lab	4	10	40	4	Core
III	CSCT11B	Problem Solving in'C'	3	25	75	3	Core
	CSCP11B	Problem Solving in'C' LAB	2	10	40	1	Core
IV	ECCSCT 41	OOP'S using Java	4	25	75	3	Core
	ECCSCP41	OOP'S using Java Lab	2	10	40	1	Core
	ECCSCT 42	DBMS	4	25	75	3	Core
	ECCSC P42	DBMS Lab	2	10	40	1	Core

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Siddhartha Degree College of Arts & Science

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DEPARTMENT OF COMPUTER SCIENCE (PG)

COURSE STRUCTURE OF M.Sc.COMPUTERS

2018-19 to 2022-23

A.G & S.G SIDDHARTHA DEGREE COLLEGE: VUYYURU-521165
(An Autonomous College in the jurisdiction of Krishna University, Machilipatnam)
Accredited with "A" Grade by NAAC, Bengaluru
Department of Computer Science PG)
Programme Structure / Course Structure
2018-19:

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core / Open Elective
I	MCS10116	Object Oriented Programming Systems	4	30	70	4	Core
I	MCS10216	Computer Organization	4	30	70	4	Core
I	MCS10316	Discrete Mathematical Structure	4	30	70	4	Core
I	MCS10416	Data Base Management Systems	4	30	70	4	Core
I	MCS10516	Data Structures	4	30	70	4	Core
I	MCS106P16	Data Structures Lab Using Java	8	30	70	4	Core
I	MCS107P16	Data Base Management Systems Lab	8	30	70	4	Core
I	MCS108P15	Object oriented Programming Lab	8	30	70	4	Core
II	MCS 20116	Computer Networks	4	30	70	4	Core
II	MCS 20216	Operation Research	4	30	70	4	Core
II	MCS20316	Theory Of Computations	4	30	70	4	Core
II	MCS20416	Object Oriented Software Engineering	4	30	70	4	Core
II	MCS20516	Operating Systems	4	30	70	4	Core
II	MCS206P16	Object Oriented Software Engineering Lab	8	30	70	4	Core
II	MCS207P16	Operating Systems & Networks Lab	8	30	70	4	Core
II	MSC208P16	Technical Report Writing	4	30	70	4	Core
III	MCS30116	Cryptography & Network Security	4	30	70	4	Core
III	MCS30216	Design and Analysis of Algorithms	4	30	70	4	Core
III	MCS30316	Data Ware Housing and Data Mining	4	30	70	4	Core
III	MCS30416	Web Technologies	4	30	70	4	Core
III	MCS305C16	Software Testing	4	30	70	4	Core
III	MCS306P16	Web Technologies Lab	8	30	70	4	Core
III	MCS307P16	Data Mining Lab	8	30	70	4	Core
III	MCS308P16	Testing Tools Lab	8	30	70	4	Core
IV	MCS40116	Dot Net Programming	4	30	70	4	Core
IV	MCS40216	Mobile Computing	4	30	70	4	Core
IV	MCS403A16	Cloud Computing	4	30	70	4	Core
IV	MCS404P16	Dot Net Programming Lab	8	30	70	4	Core
IV	MCS405P16	Project Work	12	50	150	10	Core

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Department of Computer Science PG)
Programme Structure / Course Structure
2019-20:

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core / Open Elective
I	MCS10116	Object Oriented Programming Systems	4	30	70	4	Core
I	MCS10216	Computer Organization	4	30	70	4	Core
I	MCS10316	Discrete Mathematical Structure	4	30	70	4	Core
I	MCS10416	Data Base Management Systems	4	30	70	4	Core
I	MCS10516	Data Structures	4	30	70	4	Core
I	MCS106P16	Data Structures Lab Using Java	8	30	70	4	Core
I	MCS107P16	Data Base Management Systems Lab	8	30	70	4	Core
I	MCS108P15	Object oriented Programming Lab	8	30	70	4	Core
II	MCS 20116	Computer Networks	4	30	70	4	Core
II	MCS 20216	Operation Research	4	30	70	4	Core
II	MCS20316	Theory Of Computations	4	30	70	4	Core
II	MCS20416	Object Oriented Software Engineering	4	30	70	4	Core
II	MCS20516	Operating Systems	4	30	70	4	Core
II	MCS206P16	Object Oriented Software Engineering Lab	8	30	70	4	Core
II	MCS207P16	Operating Systems & Networks Lab	8	30	70	4	Core
II	MSC208P16	Technical Report Writing	4	30	70	4	Core
III	MCS30116	Cryptography & Network Security	4	30	70	4	Core
III	MCS30216	Design and Analysis of Algorithms	4	30	70	4	Core
III	MCS30316	Data Ware Housing and Data Mining	4	30	70	4	Core
III	MCS30416	Web Technologies	4	30	70	4	Core
III	MCS305C16	Software Testing	4	30	70	4	Core
III	MCS306P16	Web Technologies Lab	8	30	70	4	Core
III	MCS307P16	Data Mining Lab	8	30	70	4	Core
III	MCS308P16	Testing Tools Lab	8	30	70	4	Core
IV	MCS40116	Dot Net Programming	4	30	70	4	Core
IV	MCS40216	Mobile Computing	4	30	70	4	Core
IV	MCS403A16	Cloud Computing	4	30	70	4	Core
IV	MCS404P16	Dot Net Programming Lab	8	30	70	4	Core
IV	MCS405P16	Project Work	12	50	150	10	Core

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2020-21:

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core / Open Elective
I	20MCS101	Data Structures	4	30	70	4	Core
I	20MCS102	Programming andProblem-SolvingusingPython	4	30	70	4	Core
I	20MCS103	Computer Organization	4	30	70	4	Core
I	20MCS104	Formal Languages and Automation Theory	4	30	70	4	Core
I	20MCS105	Programming and Problem Solving using Python -Lab	8	30	70	4	Core
I	20MCS106	Data Structures- Lab	8	30	70	4	Core

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core / Open Elective
II	20MCS201	Design and Analysis of Algorithms	4	30	70	4	Core
II	20MCS202	Software Engineering	4	30	70	4	Core
II	20MCS203	Operating Systems	4	30	70	4	Core
II	20MCS204	Database Management Systems	4	30	70	4	Core
II	20OEMCS205	Open Elective –I	4	30	70	4	Open Elective
II	20MCS206	Unix Operating Systems Lab	8	30	70	4	Core
II	20MCS207	Database Management Systems Lab	8	30	70	4	Core

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Programme Structure / Course Structure

2020-21:

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core / Open Elective
III	MCS30116	Cryptography & Network Security	4	30	70	4	Core
III	MCS30216	Design and Analysis of Algorithms	4	30	70	4	Core
III	MCS30316	Data Ware Housing and Data Mining	4	30	70	4	Core
III	MCS30416	Web Technologies	4	30	70	4	Core
III	MCS305C16	Software Testing	4	30	70	4	Core
III	MCS306P16	Web Technologies Lab	8	30	70	4	Core
III	MCS307P16	Data Mining Lab	8	30	70	4	Core
III	MCS308P16	Testing Tools Lab	8	30	70	4	Core
IV	MCS40116	Dot Net Programming	4	30	70	4	Core
IV	MCS40216	Mobile Computing	4	30	70	4	Core
IV	MCS403A16	Cloud Computing	4	30	70	4	Core
IV	MCS404P16	Dot Net Programming Lab	8	30	70	4	Core
IV	MCS405P16	Project Work	12	50	150	10	Core

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Programme Structure / Course Structure

2021-22:

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core / Open Elective
I	20CS1T1	Problem Solving Using Python Programming	4	30	70	4	Core
I	20CS1T2	Computer Organization	4	30	70	4	Core
I	20CS1T3	Software Engineering	4	30	70	4	Core
I	20CS1T4	Database Management Systems	4	30	70	4	Core
I	20CS1T5	Theory of Computation	4	30	70	4	Core
I	20CS1L1	Problem Solving Using Python Programming Lab	8	30	70	4	Core
I	20CS1L2	DBMS Lab	8	30	70	4	Core
I	20CS1S1	Seminar	2	50	-	1	Seminar

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core / Open Elective
III	20CS3T1	Internet of Things (IoT)	4	30	70	4	Core
III	20CS3T2	Cryptography & Network Security	4	30	70	4	Core
III	20CS3T3	Design & Analysis of Algorithms	4	30	70	4	Core
III	20CS3T4	Data Mining Techniques	4	30	70	4	Core
III	21CS3OEL1	Visual Analytics for Executives	4	30	70	4	Core
III	20CS3L1	Web Technologies Lab	8	30	70	4	Core
III	20CS3L2	Data Mining Lab	8	30	70	4	Core

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Programme Structure / Course Structure

2021-22:

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core / Open Elective
II	20CS2T1	Computer Networks	4	30	70	4	Core
II	20CS2T2	Data Structures	4	30	70	4	Core
II	20CS2T3	Web Technologies	4	30	70	4	Core
II	20CS2T4	Operating Systems	4	30	70	4	Core
II	20CS2OEL1	DATAVISUALIZATION	4	30	70	4	Open Elective
II	20CS2L1	Computer Networks& Operating Systems Lab	8	30	70	4	Core
II	20CS2L2	Data Structures Lab	8	30	70	4	Core
II	20CS2TRW	Technical Report Writing	2	50	-	1	Core

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core / Open Elective
IV	21MCS401	MOOCS	4	30	70	4	Core
IV	21MCS402	Big Data and Analytics	4	30	70	4	Core
IV	21MCS403	Artificial Intelligence& Machine Learning	4	30	70	4	Core
IV	21MCS404	Cloud Computing	4	30	70	4	Core
IV	21MCS402	Big Data and Analytics Lab	8	30	70	4	Core
IV	21MCS405P	Project work	16	100	100	8	Project

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Programme Structure / Course Structure

2022-23:

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core / Open Elective
I	22CS1T1	Problem Solving Using Python Programming	4	30	70	4	Core
I	22CS1T2	Database Management Systems	4	30	70	4	Core
I	22CS1T3	Formal Languages and Automation Theory	4	30	70	4	Core
I	22CS1T4	Operating Systems	4	30	70	4	Core
I	22PG101	Personality Development through Life Enlightenment Skills	3	30	70	3	Core
I	22CS1L1	Problem Solving Using Python Programming Lab	8	30	70	4	Core
I	22CS1L2	DBMS Lab	8	30	70	4	Core

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core / Open Elective
III	22CS3E1	Design & Analysis of Algorithms	4	30	70	4	Core
III	22CS3E2	Data Mining Techniques	4	30	70	4	Core
III	22CS3E3	Cryptography & Network Security	4	30	70	4	Core
III	22CS3E5	Internet of Things (IoT)	4	30	70	4	Core
III	22CS3L1	Data Science Lab	4	30	70	4	Core
III	22CS3L2	Cryptography & Network Security Lab	6	30	70	3	Core
III	20CS3L2	Data Mining Lab	6	30	70	3	Core

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Programme Structure / Course Structure

2022-23:

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core / Open Elective
II	22CS2T1	Computer Networks	4	30	70	4	Core
II	22CS2T2	Data Structures	4	30	70	4	Core
II	22CS2T3	Web Technologies	4	30	70	4	Core
II	22CS2E1	Software Engineering	4	30	70	4	Core
II	22PG201	Research Methodology& IPR	3	30	70	3	Open Elective
II	22CS2L1	Data Structures Lab	8	30	70	4	Core
II	22CS2L2	Web technologies Lab	8	30	70	4	Core

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core / Open Elective
IV	20CS4M1	MOOCS	4	30	70	4	Core
IV	20CS4E3	Big Data and Analytics	4	30	70	4	Core
IV	20CS4T1	Artificial Intelligence and Machine Learning	4	30	70	4	Core
IV	20CS4E1	Cloud Computing	4	30	70	4	Core
IV	20CS4L1	Big Data and Analytics Lab	8	30	70	4	Core
IV	20CS4P1	Project work	16	100	100	8	Project

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DEPARTMENT OF ECONOMICS

COURSE STRUCTURE FOR B.A

2018-19 to 2022-23

DEPARTMENT OF ECONOMICS
COURSE STRUCTURE

2018-2019

Semester	Course Code	Course Title	Hours / Week	CIA	SEE	No. Of Credits	Core/LSC / SDC/FC/ Elective/ Cluster
I	ECO-101C	Micro Economics	5	30	70	4	Core
I	CBE103GC	Business Economics	5	30	70	4	Core
II	ECO-201C	Micro Economics-Production and Price Theory	5	30	70	4	Core
II	CBE203GC	Business Economics	5	30	70	4	Core
II	CBE-203C	Business Economics	5	30	70	4	Core
III	ECO-301C	Macro Economics- National Income Employment and Money	5	25	75	4	Core
IV	ECO-401C	Banking and International Trade	5	25	75	4	Core
V	ECO-501C	Economic Development and Indian Economy	5	25	75	4	Core
V	ECO-502C	Indian And Andhra Pradesh Economy	5	25	75	4	Core
VI	ECO-601GE	Agricultural Economics	5	25	75	4	Elective
VI	ECO-602CE	Agri Business Environment in Andhra Pradesh	5	25	75	4	Cluster
VI	ECO-603CE	Agricultural Output Marketing	5	25	75	4	Cluster
VI	ECO-604CE	Project Work	5	25	75	4	Cluster Project

DEPARTMENT OF ECONOMICS
COURSE STRUCTURE

2019-2020

Semester	Course Code	Course Title	Hours / Week	CIA	SEE	No. of Credits	Core/LSC / SDC/FC/ Elective/ Cluster
I	ECO-101C	Micro Economics-Consumer Behaviour	5	30	70	4	Core
I	CBE-103GC	Business Economics	5	30	70	4	Core
II	ECO-201C	Micro Economics-Production and Price Theory	5	30	70	4	Core
II	CBE-203GC	Business Economics	5	30	70	4	Core
II	CBE-203C	Business Economics	5	30	70	4	Core
III	ECO-301C	Macro Economics- National Income Employment and Money	5	30	70	4	Core
IV	ECO-401C	Banking and International Trade	5	30	70	4	Core
V	ECO-501C	Economic Development and Indian Economy	5	25	75	4	Core
V	ECO-502C	Indian and Andhra Pradesh Economy	5	25	75	4	Core
VI	ECO-601GE	Agricultural Economics	5	25	75	4	Elective
VI	ECO-602CE	Agri Business Environment in Andhra Pradesh	5	25	75	4	Cluster
VI	ECO-603CE	Agricultural Output Marketing	5	25	75	4	Cluster
VI	ECO-604CE	Project Work	5	0	100	4	Cluster Project

DEPARTMENT OF ECONOMICS
COURSE STRUCTURE

2020-2021

Semester	Course Code	Course Title	Hours / Week	CIA	SEE	No. of Credits	Core/LSC SDC/FC/ Elective/ Cluster
I	ECO-101C	Micro Economic Analysis	5	30	70	4	Core
II	ECO-201C	Macro-Economic Analysis	5	30	70	4	Core
III	ECO-301C	Macro Economics- National Income, Employment Money	5	30	70	4	Core
IV	ECO-401C	Banking and International Trade	5	30	70	4	Core
V	ECO-501C	Economic Development and Indian Economy	5	30	70	4	Core
V	ECO-502C	Indian and Andhra Pradesh Economy	5	30	70	4	Core
VI	ECO-601GE	Agricultural Economics	5	30	70	4	Elective

DEPARTMENT OF ECONOMICS
COURSE STRUCTURE

2021-2022

Semester	Course Code	Course Title	Hours / Week	CIA	SEE	No. of Credits	Core/LSC SDC/FC/ Elective/ Cluster
I	ECO-101C	Micro Economic Analysis	5	25	75	4	Core
II	ECO-T21B	Macro-Economic Analysis	5	25	75	4	Core
III	ECO-301C	Development Economics	5	30	70	4	Core
III	FM-301	Financial Markets	2	-	50	2	SDC
IV	ECO-401C	Economic Development in India and Andhra Pradesh	5	30	70	4	Core
IV	ECO-402C	Statistical Methods for Economics	5	30	70	4	Core
V	ECO-501C	Economic Development and Indian Economy	5	30	70	4	Core
V	ECO-502C	Indian and Andhra Pradesh Economy	5	30	70	4	Core
VI	ECO-601GE	Agricultural Economics	5	30	70	4	Elective

DEPARTMENT OF ECONOMICS
COURSE STRUCTURE

2022-2023

Semester	Course Code	Course Title	Hours / Week	CIA	SEE	No. of Credits	Core/LSC/ SDC/FC/ Elective/ Cluster
I	ECO-T11B	Micro Economic Analysis	5	30	70	4	Core
II	ECO-T21B	Macro-Economic Analysis	5	30	70	4	Core
III	ECO-T31B	Development Economics	5	25	75	4	Core
III	SDC-ECO-T01	Financial Markets	2	10	40	2	SDC
IV	ECO-T41	Economic Development in India and Andhra Pradesh	5	25	75	4	Core
IV	ECO-T42	Statistical Methods for Economics	5	25	75	4	Core
V	5TH SEM	INTERNSHIP					
V	ECO-601C	Insurance Services	5	30	70	4	Core
VI	ECO-602C	Banking and Financial Services	5	30	70	4	Core

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DEPARTMENT OF ENGLISH

COURSE STRUCTURE FOR B.A, B.COM & B.Sc.

2018-19 to 2022-23

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Department of English

Course Structure

2018 – 2019:

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	ENG 101C	General English	4	30	70	3	Language
II	ENG 201C	General English	4	30	70	3	Language
II	CSS 201C	Communication and Soft Skills - I	2	0	50	2	FC
III	ENG 301C	General English	4	25	75	3	Language
III	CSS 301C	Communication and Soft Skills - II	2	0	50	2	FC
IV	CSS 401C	Communication and Soft Skills - III	2	0	50	2	FC

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Department of English

Course Structure

2019 – 2020

Semester	Course Code	Course Title	Hours/Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	ENG 101C	General English	4	30	70	3	Language
II	ENG 201C	General English	4	30	70	3	Language
II	CSS 201C	Communication and Soft Skills - I	2	0	50	2	FC
III	ENG 301C	General English	4	30	70	3	Language
III	CSS 301C	Communication and Soft Skills - II	2	0	50	2	FC
IV	CSS 401C	Communication and Soft Skills - IIII	2	0	50	2	FC

Department of English
Course Structure
2020 – 2021

Semester	Course Code	Course Title	Hours/Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	ENGT11B	English Praxis Course – I A Course in Communication and Soft Skills	4	30	70	3	Language
II	ENGT21B	English Praxis Course – II A Course in Reading and Writing Skills	4	30	70	3	Language
II	JR201	Journalistic Reporting	2	0	50	2	SDC
II	BC201	Business Communication	2	0	50	2	SDC
III	ENG 301C	General English	4	30	70	3	Language
IV	CSS 401C	Communication and Soft Skills - III	2	0	50	2	FC

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Department of English
Course Structure
2021– 2022

Semester	Course Code	Course Title	Hours/Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	ENGT11B	English Praxis Course – I, A Course in Communication and Soft Skills	4	25	75	3	Language
II	ENGT21B	English Praxis Course – II, A Course in Reading and Writing Skills	4	25	75	3	Language
III	ENG 301C	General English	4	30	70	3	Language

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Department of English

Course Structure

2022– 2023

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/S DC/FC/Elec tive/Cluster
I	ENGT11B	English Praxis Course – I, A Course in Communication and Soft Skills	4	30	70	3	Language
II	ENGT21B	English Praxis Course – II, A Course in Reading and Writing Skills	4	25	75	3	Language
III	ENG T01A	English Praxis Course – III, A Course in Conversational Skills	4	30	70	3	Language

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DEPARTMENT OF ENVIRONMENTAL STUDIES

COURSE STRUCTURE FORENVIRONMENTAL STUDIES,

HUMAN VALUES &PROFESSIONAL ETHICS,

ENTREPRENEURSHIP

B.A, B.COM & B.Sc.

2018-19 to 2022-23

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Department of Environmental Studies
Course Structure

2018– 2019:

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	ENS101	Environmental Studies	4		50	2	Core
I	HVPE101	Human Values &Professional Ethics	4		50	2	Core
IV	ENP403	Entrepreneurship	4		50	2	Core

2019– 2020:

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	ENS101	Environmental Studies	4		50	2	Core
I	HVPE101	Human Values &Professional Ethics	4		50	2	Core
IV	ENP403	Entrepreneurship	4		50	2	Core

2020– 2021:

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	ENS101	Environmental Studies	4		50	2	Core
I	HVPE101	Human Values &Professional Ethics	4		50	2	Core
IV	ENP403	Entrepreneurship	4		50	2	Core

2021– 2022:

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	LSCT01	Environmental Studies	4	10	40	2	Core
II	LSCT06	Human Values &Professional Ethics	4	10	40	2	Core

2022– 2023:

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	CLSC001	Environmental Studies	4	15	35	2	Core
II	LSCT06	Human Values &Professional Ethics	4	15	35	2	Core

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DEPARTMENT OF HINDI

COURSE STRUCTURE FOR B.A, B.COM & B.Sc.

2018-19 to 2022-23

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Department of Hindi

Course Structure

2018– 2019

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	HIN101C	General Hindi	4	30	70	4	Core
II	HIN201C	General Hindi	4	30	70	4	Core
III	HIN301C	General Hindi	4	30	70	4	Core

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Department of Hindi

Course Structure

2019– 2020

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	HIN101C	General Hindi	4	30	70	4	Core
II	HIN201C	General Hindi	4	30	70	4	Core
III	HIN301C	General Hindi	4	30	70	4	Core

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Department of Hindi

Course Structure

2020– 2021

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	HIN101C	General Hindi	4	30	70	4	Core
II	HIN201C	General Hindi	4	30	70	4	Core
III	HIN301C	General Hindi	4	30	70	4	Core

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Department of Hindi

Course Structure

2021– 2022

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	HINT11A	Hindi	4	30	70	4	Core
II	HIN-201C	Hindi	4	30	70	4	Core
III	HIN-301C	Hindi	4	30	70	4	Core

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Department of Hindi

Course Structure

2022– 2023

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	HINT11A	Hindi	4	30	70	4	Core
II	HINT21A	Hindi	4	30	70	4	Core
III	HINT01A	Hindi	4	25	75	4	Core

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DEPARTMENT OF HISTORY

COURSE STRUCTURE FOR B.A

2018-19 to 2022-23

Department of History

Course Structure

2018-2019:

Semester	Course Code	Course Title	Hours / Week	CIA	SEE	No. of Credits	Core/LSC/ SDC/Elective/ Cluster
I	HIS-101C	Ancient Indian History and culture	5	30	70	4	Core
II	HIS-201C	Early mediaeval Indian History and culture	5	30	70	4	Core
III	HIS-301C	Late mediaeval and colonial History of India	5	25	75	4	Core
IV	HIS-401C	Social reform movement and freedom struggle	5	25	75	4	Core
V	HIS-501C	Age of Rationalism and Humanism -The world Between 15th and 18th centuries	5	25	75	4	Core
V	HIS-502C	History and culture of Andhra Desa12th Century to 19th Century AD	5	25	75	4	Core
IV	HIS-601GE	History of modern Europe 19th century to 1945 AD	5	25	75	4	Elective

Department of History

Course Structure

2019-2020:

Semester	Course Code	Course Title	Hours / Week	CIA	SEE	No. of Credits	Core/LSC/ SDC/ Elective/ Cluster
I	HIS-101C	Ancient Indian History and culture	5	30	70	4	Core
II	HIS-201C	Mediaeval Indian History and culture	5	30	70	4	Core
III	HIS-301C	Late mediaeval and colonial History of India	5	30	70	4	Core
IV	HIS-401C	Social reform movement and freedom struggle	5	30	70	4	Core
V	HIS-501C	Age of Rationalism and Humanism -The world Between 15th and 18th Centuries	5	25	75	4	Core
V	HIS-502C	History and culture of Andhra Desa12th Century to 19th Century AD	5	25	75	4	Core
VI	HIS-601GE	History of Modern Europe (19thCentury to 1945AD)	5	25	75	4	Elective

Department of History

Course Structure

2020-2021:

Semester	Course Code	Course Title	Hours / Week	CIA	SEE	No. of Credits	Core/LSC/ SDC/Elective/ Cluster
I	HIS-101C	Ancient Indian History and culture from Indus valley civilization to 13th Century AD	5	25	75	4	Core
II	HIS-201C	Medieval Indian History and culture	5	30	70	4	Core
III	HIS-301C	Late mediaeval and colonial History of India	5	25	75	4	Core
IV	HIS-401C	Social reform movement and freedom struggle	5	25	75	4	Core
V	HIS-501C	Age of Rationalism and Humanism -The world Between15th and 18th Centuries	5	30	70	4	Core
V	HIS-502C	History and culture of Andhra Desa12th Century to 19th Century AD	5	30	70	4	Core
VI	HIS-601GE	History of Modern Europe (19thCentury to 1945AD)	5	25	75	4	Elective

Department of History

Course Structure

2021-2022:

Semester	Course Code	Course Title	Hours / Week	CIA	SEE	No. of Credits	Core/LSC/ SDC/Elective/ Cluster
I	HIST-11B	Ancient Indian History and culture from Indus valley civilization to 13th Century AD	5	30	70	4	Core
II	HIST-21B	Mediaeval Indian History and Culture	5	25	75	4	Core
III	HIST-301	Modern Indian History and Culture (1764-1947AD)	5	25	75	4	Core
IV	HIST-401	History and culture of Andhra (1512-1956 AD)	5	25	75	4	Core
IV	HIST-402	History of Modern World (15th century AD to 1945AD)	5	25	75	4	Core
V	HIS-501C	Age of Rationalism and Humanism -The world between15th and 18th Centuries	5	30	70	4	Core
V	HIS-502C	History and culture of Andhra Desa (12th century AD to 19th century AD)	5	30	70	4	Core
VI	HIS-601GE	History of modern Europe (19th century AD to 1945AD)	5	30	70	4	Elective

Department of History

Course Structure

2022-2023:

Semester	Course Code	Course Title	Hours / Week	CIA	SEE	No. of Credits	Core/LSC/ SDC/Elective/ Cluster
I	HIST-11B	Ancient Indian History and culture from Indus valley Civilization to 13th century AD	5	30	70	4	Core
II	HIST-21B	Mediaeval Indian History and Culture (1206 AD to 1764AD)	5	25	75	4	Core
III	HIST-31A	Modern Indian History and culture 1764 to 1947AD	5	30	70	4	Core
IV	HIST-401	History and culture of Andhra (1512 to 1956)	5	25	75	4	Core
IV	HIST-402	History of modern world (15th century AD to 1945AD)	5	25	75	4	Core
V	5TH SEM	INTERNSHIP					
VI	SECHIS-601	Tourism and Hospitality services	5	30	70	4	Skill development
VI	SECHIS-602	Tourism Guidance and Operating Skills	5	30	70	4	Skill development

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DEPARTMENT OF MATHEMATICS

COURSE STRUCTURE
B.Sc. MPC, MPCS, MCCS, MSCS

2018-19 to 2022-23

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Department of Mathematics

Course Structure

2018– 2019:

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	MAT 101	Differential Equations	6	30	70	5	Core
II	MAT 201	Solid Geometry	6	30	70	5	Core
III	MAT 301	Abstract Algebra& Real Analysis I	6	25	75	5	Core
IV	MAT 401	Abstract Algebra& Real Analysis II	6	25	75	5	Core
IV	ANS 402	Analytical Skills	2	0	50	2	FC
V	MAT 501	Ring Theory & Vector Calculus	6	25	75	5	Core
V	MAT 502	Linear Algebra	6	25	75	5	Core
VI	MAT 601GE	Numerical Analysis	5	25	75	5	Elective
VI	MAT 602CE	Integral Transforms	5	25	75	5	Cluster
VI	MAT 603CE	Advanced Numerical Analysis	5	25	75	5	Cluster
VI	MAT 604CE	Applications of Advanced Numerical Analysis With "C" Programme PROJECT	5	0	100	5	Cluster Project

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Department of Mathematics

Course Structure

2019– 2020:

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/S DC/FC/Elec tive/Cluster
I	MAT 101	Differential Equations	6	30	70	5	Core
II	MAT 201	Solid Geometry	6	30	70	5	Core
III	MAT 301	Abstract Algebra and Real Analysis -I	6	30	70	5	Core
IV	MAT 401	Abstract Algebra and Real Analysis -II	6	30	70	5	Core
IV	ANS 402	Analytical Skills	2	0	50	2	FC
V	MAT 501	Ring Theory & Vector Calculus	6	25	75	5	Core
V	MAT 502	Linear Algebra	6	25	75	5	Core
VI	MAT 601GE	Numerical Analysis	5	25	75	5	Elective
VI	MAT 602CE	Integral Transforms	5	25	75	5	Cluster
VI	MAT 603CE	Advanced Numerical Analysis	5	25	75	5	Cluster
VI	MAT 604	Applications of Advanced Numerical Analysis With "C" Programme PROJECT	5	0	100	5	Cluster Project

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Department of Mathematics

Course Structure

<u>**2020– 2021:**</u>

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	MAT 101C	Differential Equations	6	30	70	5	Core
II	MAT 201	Solid Geometry	6	30	70	5	Core
III	MAT 301C	Abstract Algebra and Real Analysis -I	6	30	70	5	Core
IV	MAT 401	Abstract Algebra and Real Analysis -II	6	30	70	5	Core
V	MAT 501C	Ring Theory & Vector Calculus	6	30	70	5	Core
V	MAT 502C	Linear Algebra	6	30	70	5	Core
VI	MAT 601GE	Numerical Analysis	5	30	70	5	Elective
VI	MAT 602CE	Integral Transforms	5	30	70	5	Cluster
VI	MAT 603CE	Advanced Numerical Analysis	5	30	70	5	Cluster
VI	MAT 604CE	Applications of Advanced Numerical Analysis With "C" Programme PROJECT	5	0	100	5	Cluster Project

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Department of Mathematics

Course Structure

2021– 2022:

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/S DC/FC/Elec tive/Cluster
I	MATT11A	Differential Equations	6	25	75	5	Core
II	MATT21B	Real Analysis	6	25	75	5	Core
III	MAT301	Abstract Algebra	6	30	70	5	Core
III	ANS301	Analytical Skills	2	0	50	2	LSC
IV	MAT 401	Real Analysis	6	30	70	5	Core
IV	MAT 402	Linear Algebra	6	30	70	5	Core
V	MAT 501C	Ring Theory & Vector Calculus	6	30	70	5	Core
V	MAT 502C	Linear Algebra	6	30	70	5	Core
VI	MAT 601GE	Numerical Analysis	5	30	70	5	Elective
VI	MAT 602CE	Integral Transforms	5	30	70	5	Cluster
VI	MAT 603CE	Advanced Numerical Analysis	5	30	70	5	Cluster
VI	MAT 604CE	Applications of Advanced Numerical Analysis With "C" Programme PROJECT	5	0	100	5	Cluster Project

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Department of Mathematics
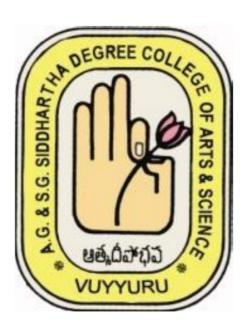## Course Structure

2022– 2023:

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	MATT11A	Differential Equations	6	30	70	5	Core
II	MATT21B	Real Analysis	6	30	70	5	Core
III	MAT T31	Abstract Algebra	6	25	75	5	Core
III	LSC003	Analytical Skills	2	10	40	2	LSC
IV	MATT01A	Solid Geometry	6	25	75	5	Core
IV	MATT41A	Linear Algebra	6	25	75	5	Core
V/VI	SECMAT501/ SECMAT601	Multiple Integralsand Applicationsof Vector Calculus	6	30	70	5	Core
V/VI	SECMAT502/ SECMAT602	Integral Transforms	6	30	70	5	Core
V/VI		INTERNSHIP					

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DEPARTMENT OF PHYSICS

COURSE STRUCTURE

B.Sc. MPC, MPCS

2018-19 to 2022-23

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Department of Physics

Course Structure

2018– 2019

Semester	Course Code	Course Title	Hours/Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	PHY-101C	Mechanics andProperties of matter	4	30	70	3	Core
I	PHY-101P	Mechanics andProperties of matter Practical	2	25	25	2	LAB
II	PHY-201C	Waves and oscillations	4	30	70	3	Core
II	PHY-201P	Waves and oscillations Practical	2	25	25	2	LAB
III	PHY-301C	Wave optics	4	25	75	3	Core
III	PHY-301P	Wave optics Practical	2	25	25	2	LAB
IV	PHY-401C	Thermodynamics and Radiation physics	4	25	75	3	Core
IV	PHY-401P	Thermodynamics and Radiation physics- Practical	2	25	25	2	LAB
V	PHY-501C	Electricity, Magnetism and electronics	3	25	75	3	Core
V	PHY-501P	Electricity, Magnetism and electronics- Practical	3	25	25	2	LAB
V	PHY-502C	Modern physics	3	25	75	3	Core
V	PHY-502P	Modern physics- Practical	3	25	25	2	LAB
VI	PHY-601GE	Analog and Digital electronics	3	25	75	3	Elective
VI	PHY-601GEP	Analog and Digital electronics- Practical	3	25	25	2	LAB
VI	PHY-602CE	Introduction to microprocessor and microcontroller	3	25	75	3	Cluster
VI	PHY-602CEP	Introduction to microprocessor and microcontroller- Practical	3	25	25	2	LAB
VI	PHY-603CE	Computational methods and programming	3	25	75	3	Cluster
VI	PHY-603CEP	Computational methods and programming- Practical	3	25	25	2	LAB
VI	PHY-604CE	Electronic instrumentation	3	25	75	3	Cluster
VI	PHY-604CEP	Electronic instrumentation-Practical	3	25	25	2	LAB

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Department of Physics
Course Structure

2019– 2020

Semester	Course Code	Course Title	Hours/Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	PHY-101C	Mechanics andProperties of matter	4	30	70	3	Core
I	PHY-101P	Mechanics andProperties of matter- Practical	2	25	25	2	LAB
II	PHY-201C	Waves and oscillations	4	30	70	3	Core
II	PHY-201P	Waves and oscillations-Practical	2	25	25	2	LAB
III	PHY-301C	Wave optics	4	30	70	3	Core
III	PHY-301P	Wave optics- Practical	2	25	25	2	LAB
IV	PHY-401C	Thermodynamics andRadiation physics	4	30	70	3	Core
IV	PHY-401P	Thermodynamicsand Radiation physics- Practical	2	25	25	2	LAB
V	PHY-501C	Electricity, Magnetism and electronics	4	25	75	3	Core
V	PHY-501P	Electricity, Magnetism and electronics- Practical	2	25	25	2	LAB
V	PHY-502C	Modern physics	4	25	75	3	Core
V	PHY-502P	Modern physics- Practical	2	25	25	2	LAB
VI	PHY-601GE	Analog and Digital electronics	4	25	75	3	Elective
VI	PHY-601GEP	Analog and Digital electronics-Practical	2	25	25	2	LAB
VI	PHY-602CE	Introduction to microprocessor and microcontroller	4	25	75	3	Cluster
VI	PHY-602CEP	Introduction to microprocessor and microcontroller- Practical	2	25	25	2	LAB
VI	PHY-603CE	Computational methods and programming	4	25	75	3	Cluster
VI	PHY-603CEP	Computational methods and programming- Practical	2	25	25	2	LAB
VI	PHY-604 CE	Electronic instrumentation	4	25	75	3	Cluster
VI	PHY-604CEP	Electronic instrumentation-Practical	2	25	25	2	LAB

Department of Physics

Course Structure

2020– 2021

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	PHY-101C	Mechanics,Waves and oscillations	4	30	70	3	Core
I	PHY-101P	Mechanics,Waves and oscillations Practical	2	25	25	2	LAB
I	SDCPHYT01	Electrical appliances	2	--	50	2	SDC
II	PHY-201C	Waves and oscillations	4	30	70	3	Core
II	PHY-201P	Waves and oscillations- Practical	2	25	25	2	LAB
II	SDCPHYT02	Solar energy	2	--	50	2	SDC
III	PHY-301C	Wave optics	4	30	70	3	Core
III	PHY-301P	Wave optics-Practical	2	25	25	2	LAB
IV	PHY-401C	Thermodynamics and Radiation physics	4	30	70	3	Core
IV	PHY-401P	Thermodynamics and Radiation physics-Practical	2	25	25	2	LAB
V	PHY-501C	Electricity, Magnetism and Electronics	4	30	70	3	Core
V	PHY-501P	Electricity, Magnetism and electronics- Practical	2	25	25	2	LAB
V	PHY-502C	Modern physics	4	30	70	3	Core
V	PHY-502P	Modern physics- Practical	2	25	25	2	LAB
VI	PHY-601GE	Analog and Digital electronics	4	30	70	3	Elective
VI	PHY-601GEP	Analog and Digital electronics- Practical	2	25	25	2	LAB
VI	PHY-602CE	Introduction to microprocessor and microcontroller	4	30	70	3	Cluster
VI	PHY-602CEP	Introduction to microprocessor and microcontroller- Practical	2	25	25	2	LAB
VI	PHY-603CE	Computational methods and programming	4	30	70	3	Cluster
VI	PHY-603CEP	Computational methods and programming- Practical	2	25	25	2	LAB
VI	PHY-604CE	Electronic instrumentation	4	30	70	3	Cluster
VI	PHY-604CEP	Electronic instrumentation (PROJECT)	2	25	25	2	LAB

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Department of Physics

Course Structure

2021– 2022

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/ Cluster
I	PHY101C	Mechanics,Waves and oscillations	4	25	75	3	Core
I	PHY101P	Mechanics,Waves and oscillations- Practical	2	25	25	2	LAB
II	PHYT21B	Wave Optics	4	25	75	3	Core
II	PHYP21B	Wave Optics-Practical	2	25	25	2	LAB
III	PHY301C	Thermodynamics and Radiation physics	4	30	70	3	Core
III	PHY301P	Thermodynamics and Radiation Physics- Practical	2	25	25	2	LAB
IV	PHY401C	Electricity, Magnetism and electronics	4	30	70	3	Core
IV	PHY401P	Electricity, Magnetism and electronics- Practical	2	25	25	2	LAB
IV	PHY402C	Modern physics	4	30	70	3	Core
IV	PHY402P	Modern physics- Practical	2	25	25	2	LAB
V	PHY501C	Electricity, Magnetism and electronics	4	30	70	3	Core
V	PHY501P	Electricity, Magnetism and electronicsPractical	2	25	25	2	LAB
V	PHY502C	Modern physics	4	30	70	3	core
V	PHY502P	Modern physics Practical	2	25	25	2	LAB
VI	PHY601GE	Analog and Digital electronics	4	30	70	3	Core
VI	PHY601GEP	Analog and Digital electronics Practical	2	25	25	2	LAB
VI	PHY602CE	Introduction to microprocessor and microcontroller	4	30	70	3	Core
VI	PHY602CEP	Introduction to microprocessor and microcontroller Practical	2	25	25	2	LAB
VI	PHY603CE	Computational methods and programming	4	30	70	3	core
VI	PHY603CEP	Computational methods and programming Practical	2	25	25	2	LAB
VI	PHY604CE	Electronic instrumentation	4	30	70	3	Core
VI	PHY604CEP	Electronic instrumentation(PROJECT)	2	25	25	2	LAB

Department of Physics

Course Structure

2022– 2023

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	PHYT11B	Mechanics,Waves and oscillations	4	30	70	3	Core
I	PHYP11B	Mechanics, Waves and oscillations- Practical	2	10	40	2	LAB
I	SDCPHYT01	Electrical appliance	2	15	35	2	SDC
II	PHYT21C	Wave optics	4	30	70	3	Core
II	PHYP21B	Wave optics- Practical	2	25	25	2	LAB
III	PHYT31A	Heat and Thermodynamics	4	25	75	3	Core
III	PHYP31A	Heat and Thermodynamics- Practical	2	10	40	2	LAB
III	SDCPHYT02	Solar Energy	2	10	40	2	SDC
IV	PHYT41A	Electricity, Magnetism and electronics	4	25	75	3	Core
IV	PHYP41A	Electricity, Magnetism and electronics- Practical	2	10	40	2	LAB
IV	PHYT01	Modern physics	4	25	75	3	core
IV	PHYP01	Modern physics- Practical	2	10	40	2	LAB
V/VI	SECPHY501C/601C	Applications of electricity and electronics	3	30	70	3	Core
V/VI	SECPHY501P/601P	Applications of electricity and electronics- Practical	3	25	25	2	LAB
V/VI	SECPHY502C/602C	Electronic instrumentation	3	30	70	3	Core
V/VI	SECPHY502P/602P	Electronic instrumentation- Practical	3	25	25	2	LAB
V/VI		INTERNSHIP					

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DEPARTMENT OF POLITICAL SCIENCE

COURSE STRUCTURE
B.A
2018-19 to 2022-23

AG & SG SIDDHARTHA DEGREE COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS), VUYYURU-521165

Department of Political Science
Course Structure

2018-2019:

Semester	Course Code	Course Title	Hours / Week	CIA	SEE	No. of Credits	Core/LSC/ SDC/FC/ Elective/ Cluster
Semester-I	POL101	Basic concepts of political science	5	30	70	4	Core
Semester-II	POL201	Concepts theories and institutions	5	30	70	4	Core
Semester-III	POL301	Indian constitution	5	30	70	4	Core
Semester-IV	POL401	Indian political process	5	30	70	4	Core
Semester-V	POL501C	Indian political thought	5	30	70	4	Core
Semester-V	POL502C	Western political thought	5	25	75	4	Core
Semester-VI	POL601GE	Local self-government in Andhra Pradesh	5	25	75	4	Core
Semester-VI	POL602CE	International relations	5	25	75	4	Core
Semester-VI	POL603CE	Indian foreign policy	5	25	75	4	Core
Semester-VI	POL604CE	Project work	5		100	4	Elective

Department of Political Science
Course Structure

2019-2020:

Semester	Course Code	Course Title	Hours / Week	CIA	SEE	No. of Credits	Core/LSC/ SDC/FC/ Elective/ Cluster
Semester-I	POL101	Basic concepts of political science	5	30	70	4	Core
Semester-II	POL201	Concept theory and institutions	5	30	70	4	Core
Semester-III	POL301	Indian constitution	5	30	70	4	Core
Semester-IV	POL401	Indian political process	5	30	70	4	Core
Semester-V	POL501C	Indian political thought	5	30	70	4	Core
Semester-V	POL502C	Western political thought	5	30	70	4	Core
Semester-VI	POL601GE	Local self-government in Andhra Pradesh	5	30	70	4	Core
Semester-VI	POL602CE	International relations	5	25	75	4	Core
Semester-VI	POL603CE	Indian foreign policy	5	25	75	4	Core
Semester-VI	POL604CE	Project work	5	-	100	4	Elective

Department of Political Science
Course Structure

2020-2021:

Semester	Course Code	Course Title	Hours / Week	CIA	SEE	No. of Credits	Core/LSC/ SDC/FC/ Elective/ Cluster
Semester-I	POLT11B	Introduction to political science	5	25	75	4	Core
Semester-II	POLT21B	Basic organs of the government	5	30	70	4	Core
Semester-III	POL301C	Indian government and politics	5	30	70	4	Core
Semester-IV	POL401C	Indian political process	5	30	70	4	Core
Semester-V	POL501C	Indian political thought	5	30	70	4	Core
Semester-V	POL502C	Western political thought	5	30	70	4	Elective
Semester-VI	POL601GE	Local self-government in Andhra Pradesh	5	30	70	4	Elective
Semester-VI	POL602CE	International relations	5	30	70	4	Elective
Semester-VI	POL603CE	Indian foreign policy	5	30	70	4	Elective
Semester-VI	POL604CE	Project work	5		100	4	Elective

Department of Political Science
Course Structure

2021-2022:

Semester	Course Code	Course Title	Hours / Week	CIA	SEE	No. of Credits	Core/LSC/ SDC/FC/ Elective/ Cluster
Semester-I	POLT11B	Introduction to political science	5	25	75	4	Core
Semester-II	POLT21B	Basic organs of the government	5	25	75	4	Core
Semester-III	POL301C	Indian Government and Politics	5	30	70	4	Core
Semester-IV	POL401C	Indian political process	5	25	75	4	Core
Semester-IV	POLT42	Western political thought	5	30	70	4	Core
Semester-V	POL501C	Indian political thought	5	30	70	4	Core
Semester-V	POL502C	Western political thought	5	30	70	4	Core
Semester-VI	POL601GE	Local self-government in Andhra Pradesh	5	30	70	4	Elective
Semester-VI	POL602CE	International relations	5	30	70	4	Elective
Semester-VI	POL603CE	Indian foreign policy	5	30	70	4	Elective
Semester-VI	POL604CE	Project work	5		100	4	Elective

Department of Political Science
Course Structure

2022-2023:

Semester	Course Code	Course Title	Hours / Week	CIA	SEE	No. of Credits	Core/LSC/ SDC/FC/ Elective/ Cluster
Semester-I	POLT11B	Introduction to political science	5	30	70	4	Core
Semester-II	POLT21B	Basic organs of the government	5	30	70	4	Core
Semester-III	POLT31	Indian government and politics	5	25	75	4	Core
Semester-IV	POLT41	Indian political process	2	25	75	4	Core
Semester-IV	POLT42	Western political thought	5	25	75	4	Core
Semester-V		INTERNSHIP	5	25	75	4	Core
Semester-VI	SECPOL601	E-governance					Core
Semester-VI	SECPOL602	Local administration	5	30	70	4	Core

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DEPARTMENT OF STATISTICS

COURSE STRUCTURE
B.Sc. MSCS

2021-22 to 2022-23

A.G & S.G SIDDHARTHA DEGREE COLLEGE: VUYYURU-521165

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Department of Statistics

Course Structure

2021– 2022:

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	STAT11B	Descriptive Statistics and Theory of Probability	4	25	75	4	Core
I	STAP11B	Descriptive Statistics and Theory of Probability-Practical	2	0	50	1	Core
II	STAT21C	Probability Distributions and Statistical Methods	4	25	75	4	Core
II	STAP21C	Probability Distributions and Statistical Methods-Practical	2	0	50	1	Core

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Department of Statistics

Course Structure

2022– 2023:

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	STAT11B	Descriptive Statistics and Theory of Probability	4	30	70	4	Core
I	STAP11B	Descriptive Statistics and Theory of Probability- Practical	2	0	50	1	Core
II	STAT21C	Probability Distributions and Statistical Methods	4	30	70	4	Core
II	STAP21C	Probability Distributions and Statistical Methods-Practical	2	0	50	1	Core
III	STAT31C	Statistical Inference	4	25	75	4	Core
III	STAP31C	Statistical Inference- Practical	2	0	50	1	Core
IV	STAT41B	Sampling Techniques and Design of Experiments	4	25	75	4	Core
IV	STAP41B	Sampling Techniques and Design Of Experiments- Practical	2	0	50	1	Core
IV	STAT01	Applied Statistics	4	25	75	4	Core
IV	STAP01	Applied Statistics- Practical	2	0	50	1	Core

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DEPARTMENT OF TELUGU

COURSE STRUCTURE FOR B.A, B.COM & B.Sc.

2018-19 to 2022-23

A.G & S.G SIDDHARTHA DEGREE COLLEGE: VUYYURU-521165

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Department of Telugu

Course Structure

2018– 2019:

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	TEL 101	General Telugu	4	30	70	4	Core
II	TEL 201	General Telugu	4	30	70	4	Core
III	TEL301	General Telugu	4	30	70	4	Core
IV	LEP404	Leadership Education	2	-	50	2	LSC

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Department of Telugu

Course Structure

2019– 2020

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	TEL-101C	General Telugu	4	30	70	4	Core
II	TEL-201C	General Telugu	4	30	70	4	Core
III	TEL -301	General Telugu	4	30	70	4	Core

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Department of Telugu

Course Structure

2020– 2021

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	TEL-101C	General Telugu	4	30	70	4	Core
II	TEL-201C	General Telugu	4	30	70	4	Core
III	TEL-301C	General Telugu	4	30	70	4	Core

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Department of Telugu

Course Structure

2021– 2022

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	TELT11A	General Telugu	4	30	70	4	Core
II	TEL-201	General Telugu	4	30	70	4	Core
III	TEL-301	General Telugu	4	30	70	4	Core

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Department of Telugu

Course Structure

2022– 2023

Semester	Course Code	Course Title	Hours/ Week	CIA	SEE	No. of Credits	Core/LSC/SDC/FC/Elective/Cluster
I	TELT11A	General Telugu	4	30	70	4	Core
II	TELT21A	General Telugu	4	30	70	4	Core
III	TELT01A	General Telugu	4	25	75	4	Core

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DEPARTMENT OF ZOOLOGY

COURSE STRUCTURE
B.Sc. AQUACULTURE

2019-20 to 2022-23

DEPARTMENT OF ZOOLOGY

Course Structure

B.Sc. AQUACULTURE (Industrial Fisheries)
Year : - 2019-2020

Semester	Course Code	Course Title	Hourse/Week	CIA	SEE	No.of Credits	Core/LSC SDC/ Elective/ Cluster
I	AQU101C	Basic Principles of Aquaculture	4	30	70	3	Core
	AQU101P	Practical	2	25	25	2	LAB
II	AQU201C	Biology of fin fish & shell fish	4	30	70	3	Core
	AQU201P	Practical	2	25	25	2	LAB

B.Sc. AQUACULTURE (Industrial Fisheries)
Year : - 2020-2021

Semester	Course Code	Course Title	Hourse/Week	CIA	SEE	No.of Credits	Core/LSC/ SDC/ Elective /Cluster
I	AQU101C	Basic Principles of Aquaculture	4	30	70	3	Core
	AQU101P	Practical	2	25	25	2	LAB
II	AQU201C	Biology of fin fish & shell fish	4	30	70	3	Core
	AQU201P	Practical	2	25	25	2	LAB
III	AQU301C	Fish Nutrition & Feed Technology	4	30	70	3	Core
	AQU301P	Practical	2	25	25	2	LAB
IV	AQU401C	Fresh water & Brackish water Aquaculture	4	30	70	3	Core
	AQU401P	Practical	2	25	25	2	LAB

B.Sc. AQUACULTURE (Industrial Fisheries)
Year : – 2021-2022

Semester	Course Code	Course Title	Hours / Week	CIA	SEE	No.of Credits	Core/LSC/ SDC/ Elective/ Cluster
I	AQTT11A	Basic principles of Aquaculture	4	25	75	3	Core
	AQT P11A	Practical	2	10	40	2	LAB
II	AQTT21A	Biology of fin fish & shell fish	4	25	75	3	Core
	AQTP21A	Practical	2	10	40	2	LAB
III	AQU301C	Fresh water & Brackish water Aquaculture	4	30	70	3	Core
	AQU301P	Practical	2	25	25	2	LAB
IV	AQU401C	Fish nutrition & Feed technology	4	30	70	3	Core
	AQU401P	Practical	2	25	25	2	LAB
	AQU402C	Fish Health Management	4	30	70	3	Core
	AQU402P	Practical	2	25	25	2	LAB
V	AQU-501C	Fish Health Management	4	30	70	3	Core
	AQU-501P	Practical	2	25	25	2	LAB
	AQU-502C	Extension, Economics & Marketing	4	30	70	3	Core
	AQU-502P	Practical (Project work)	2	25	25	2	Project
VI	AQU601C	Ornamental fishery	4	30	70	3	Elective
	AQU601P	Practical	2	25	25	2	LAB
	AQU602C	Fish Processing Technology	4	30	70	3	Cluster
	AQU602P	Practical	2	25	25	2	LAB
	AQU603C	Fishery Microbiology and Fishery by-products	4	30	70	3	Cluster
	AQU603P	Practical	2	25	25	2	LAB
	AQU604C	Quality Control in Processing Plants	4	30	70	3	Cluster
	AQU604P	Practical (Project work)	2	25	25	2	Project

B.Sc. AQUACULTURE, BOTANY, CHEMISTRY
Year : – 2022-2023

Semester	Course Code	Course Title	Hours e/ Week	CIA	SEE	No.of Credits	Core/LSC/ SDC/ Elective/ Cluster
I	AQTT11A	Basic Principles of Aquaculture	4	30	70	3	Core
	AQTP11A	Practical	2	10	40	2	LAB
II	AQTT21A	Biology of Fin fish &Shell fish	4	30	70	3	Core
	AQTP21A	Practical	2	10	40	2	LAB
III	AQTT31A	Fresh water & Brackish water Aquaculture	4	25	75	3	Core
	AQTP31A	Practical	2	10	40	2	LAB
IV	AQTT01	Fish Nutrition & Feed technology	4	25	75	3	Core
	AQTP01	Practical	2	10	40	2	LAB
	AQTT42	Fish Health Management and Fisheries Economics, Extension and Marketing	4	25	75	3	Core
	AQTP42	Practical	2	10	40	2	LAB
V		**INTERNSHIP**					
VI	SECAQU-601C	Aquarium Management and Ornamental fish culture	3	30	70	3	Core
	SECAQU-601P	Practical	3	25	25	2	LAB
	SECAQU-602C	Postharvest Technology of Fish and Fisheries	3	30	70	3	Core
	SECAQU-602P	Practical	3	25	25	2	LAB

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DEPARTMENT OF ZOOLOGY

COURSE STRUCTURE
B.Sc. BZC

2018-19 to 2022-23

DEPARTMENT OF ZOOLOGY
Course Structure

Year : - 2018-2019

Semester	Course Code	Course Title	Hourse / Week	CIA	SEE	No.of Credits	Core/LSC/ SDC/ Elective/ Cluster
I	ZOO101C	Biology of Non-Chordates	4	30	70	3	Core
	ZOO101P	Animal Diversity of Non-Chordates -Practical	2	25	25	2	Lab
II	ZOO201C	Biology of Chordates	4	30	70	3	Core
	ZOO201P	Biology of Chordates- Practical	2	25	25	2	Lab
III	ZOO301C	Cytology, Genetics& Evolution	4	25	75	3	Core
	ZOO301P	Cytology, Genetics& Evolution - Practical	2	25	25	2	Lab
IV	ZOO401C	Embryology, Physiology and Ecology	4	25	75	3	Core
	ZOO401P	Embryology, Physiology and Ecology - Practical	2	25	25	2	Lab
V	ZOO501C	Animal Biotechnology	3	25	75	3	Core
	ZOO501P	Animal Biotechnology- Practical	3	25	25	2	Lab
V	ZOO 502C	Animal Husbandry	3	25	75	3	Core
	ZOO 502P	Animal Husbandry- Practical	3	25	25	2	Lab
VI	ZOO601-A(EL)	Immunology	3	25	75	3	Elective
	ZOO601-A(EL)P	Immunology --Practical	3	25	25	2	Lab
VI	ZOO602B-1(CL)	Principles of Aquaculture.	3	25	75	3	Cluster
	ZOO602B-1 (CL)P	Principles of Aquaculture - Practical	3	25	25	2	Lab
VI	ZOO603B-2(CL)	Aquaculture Management.	3	25	75	3	Cluster
	ZOO603B-2 (CL)P	Aquaculture Management. Practical	3	25	25	2	Lab
VI	ZOO604B-3(CL)	Postharvest Technology	3	25	75	3	Cluster
	ZOO604B-3 (CL)P	Project		25	25	2	Project Work

DEPARTMENT OF ZOOLOGY
Course Structure

Year : - 2019-2020

Semester	Course Code	Course Title	Hourse/ Week	CIA	SEE	No.of Credits	Core/LSC/ SDC/ Elective/ Cluster
I	ZOO101C	Biology of Non-Chordates	4	30	70	3	Core
	ZOO101P	Biology of Non-Chordate-Practical	2	25	25	2	Lab
II	ZOO201C	Biology of Chordates	4	30	70	3	Core
	ZOO201P	Animal Diversityof Chordates- Practical	2	25	25	2	Lab
III	ZOO301C	Cytology, Genetics & Evolution	4	30	70	3	Core
	ZOO301P	Cytology, Genetics& Evolution- Practical	2	25	25	2	Lab
IV	ZOO401C	Embryology, Physiology and Ecology	4	30	70	3	Core
	ZOO401P	Embryology, Physiology and Ecology -- Practical	2	25	25	2	Lab
V	ZOO501C	Animal Biotechnology	3	25	75	3	Core
	ZOO501P	Animal Biotechnology Practical	3	25	25	2	Lab
V	ZOO 502C	Animal Husbandry	3	25	75	3	Core
	ZOO 502P	Animal Husbandry--Practical	3	25	25	2	Lab
VI	ZOO601GE	Immunology	3	25	75	3	Elective
	ZOO-601GEP	Immunology --Practical	3	25	25	2	Lab
VI	ZOO602 CE	Principles of Aquaculture.	3	25	75	3	Cluster
	ZOO602C I P	Principles of Aquaculture.Practical	3	25	25	2	Lab
VI	ZOO-603CE	Aquaculture Management.	3	25	75	3	Cluster
	ZOO603C II P	Aquaculture Management. Practical	3	25	25	2	Lab
VI	ZOO604 CE	Postharvest Technology	3	25	75	3	Cluster
	ZOO C III P	PROJECT	3	25	25	2	Project Work

DEPARTMENT OF ZOOLOGY
Course Structure

Year : - 2020-2021

Semester	Course Code	Course Title	Hourse/ Week	CIA	SEE	No.of Credits	Core/LSC/ SDC/ Elective/ Cluster
I	ZOO101C	Biology of Non-Chordates	4	30	70	3	Core
	ZOO101P	Biology of Non-hordates Practical	2	25	25	2	Lab
II	ZOO201C	Biology of Chordates	4	30	70	3	Core
	ZOO201P	Biology of Chordates Practical	2	25	25	2	Lab
III	ZOO301C	Cytology, Genetics & Evolution	4	30	70	3	Core
	ZOO301P	Cytology, Genetics& Evolution- Practical	2	25	25	2	Lab
IV	ZOO401C	Embryology, Physiology and Ecology	4	30	70	3	Core
	ZOO401P	Embryology, Physiology and Ecology -- Practical	2	25	25	2	Lab
V	ZOO501C	Animal Biotechnology	3	30	70	3	Core
	ZOO501P	Animal Biotechnology Practical	3	25	25	2	Lab
V	ZOO 502C	Animal Husbandry	3	30	70	3	Core
	ZOO 502P	Animal Husbandry-- Practical	3	25	25	2	Lab
VI	ZOO601GE	Immunology	3	30	70	3	Elective
	ZOO-601GE P	Immunology --Practical	3	25	25	2	Lab
VI	ZOO602 CE	Principles of Aquaculture.	3	30	70	3	Cluster
	ZOO602C I P	Principles of Aquaculture-.Practical	3	25	25	2	Lab
VI	ZOO-603CE	Aquaculture Management.	3	30	70	3	Cluster
	ZOO603C II P	Aquaculture Management. Practical	3	25	25	2	Lab
VI	ZOO604 CE	Postharvest Technology	3	30	70	3	Cluster
	ZOO C III P	PROJECT	3	25	25	2	Project Work

DEPARTMENT OF ZOOLOGY
Course Structure

Year : - 2021-2022

Semester	Course Code	Course Title	Hourse/ Week	CIA	SEE	No.of Credits	Core/LSC/ SDC/ Elective/ Cluster
I	ZOO T11A	Animal Diversity – I Biology of Non-Chordates	4	25	75	3	Core
	ZOOP11A	Animal Diversity –Biology of Non-Chordates – Practical - I	2	10	40	2	LAB
I	CLAC001	Environmental studies	2	10	40	2	LSC
II	ZOO T21A	Animal Diversity-II Biology of Chordates.	4	25	75	3	Core
	ZOO P21A	Animal Diversity- Biology of Chordates-practical	2	10	40	2	LAB
III	ZOO301C	Cell Biology, Genetics, Molecular biology & Evolution	4	30	70	3	Core
	ZOO301P	Cell Biology, Genetics, Molecular biology & Evolution-- Practical	2	25	25	2	LAB
III	PF301	Poultry Farming	2	00	50	2	SDC
IV	ZOO401	Animal Physiology, Cellular Metabolism and Embryology	4	30	70	3	Core
	ZOO401P	Animal physiology, Cellular Metabolism and Embryology-- Practical	2	25	25	2	LAB
IV	ZOO402	Immunology and Animal Biotechnology	4	30	70	3	Core
	ZOO402P	Immunology and Animal Biotechnology-- Practical	2	25	25	2	LAB
V	ZOO501	Animal Bio technology	4	30	70	3	Core
	ZOO501P	Animal Biotechnology- Practical	2	25	25	2	LAB
V	ZOO 502	Animal Husbandry	4	30	70	3	Core
	ZOO 502P	Animal Husbandry-practical	2	25	25	2	LAB
VI	ZOO601	Immunology	4	30	70	3	Core
	ZOO601P	Immunology -Practical	2	25	25	2	LAB

DEPARTMENT OF ZOOLOGY
Course Structure

Year : - 2022-2023

Semester	Course Code	Course Title	Hourse/Week	CIA	SEE	No.of Credits	Core/LSC/ SDC/ Elective/ Cluster
I	ZOO T11A	Animal Diversity – I Biology of Non-Chordates	4	30	70	3	Core
	ZOOP11A	Animal Diversity –Biology of Non-Chordates – Practical – I	2	10	40	2	LAB
II	ZOO T21A	Animal Diversity-II Biology of Chordates.	4	30	70	3	Core
	ZOO P21A	Animal Diversity- Biology of Chordates-practical II	2	10	40	2	LAB
III	ZOOT31A	Cell Biology, Cellular Metabolism, Genetics, Organic Evolution and Animal Behavior	4	25	75	3	Core
	ZOOP31P	Cell Biology, Cellular Metabolism, Genetics, Organic Evolution and Animal BehaviorPractical	2	10	40	2	LAB
III	LSCZOOT01	Health and Hygiene	2	00	50	2	LSC
IV	ZOOT41A	Embryology, Physiology and Ecology	4	25	75	3	Core
	ZOOT41P	Embryology, Physiology and Ecology—Practical	2	10	40	2	LAB
IV	ZOOT01	Immunology and Animal Biotechnology	4	25	75	3	Core
	ZOOT01P	Immunology and Animal Biotechnology-- Practical	2	10	40	2	LAB
V/VI	SEC- 6A 501/601	Sustainable Aquaculture Management	3	30	70	3	Core
V/VI	SEC-6A 501P/601P	Sustainable Aquaculture Management--Practical	3	25	25	2	LAB
V/VI	SEC- 7A 502/602	Postharvest Technology of Fish and Fisheries	3	30	70	3	Core
V/VI	SEC- 7A 502/602P	Postharvest Technology of Fish and Fisheries-Practical	3	25	25	2	LAB
VI		SEMESTER INTERNSHIP					