



TIRUMALA TIRUPATI DEVASTHANAMS

S.G.S. ARTS COLLEGE

Tiruchanur Road, TIRUPATI-517501

1.2.1.1: Number of Programmes in which CBCS/ Elective course system implemented.

Cluster Electives are offered in the following Subjects

S.G.S ARTS COLLEGE, TTD, TIRUPATI					
CLUSTER PAPERS OFFERED					
S.No	Subject	Year			
		2017-18	2018-19	2019-20	2020-21
1	Political Science	YES	YES	YES	YES
2	Economics	YES	YES	YES	YES
3	Special Telugu	YES	YES	YES	YES
4	Mathematics	YES	YES	YES	YES
5	Statistics	YES	YES	YES	YES
6	Accounts	YES	YES	YES	YES
7	Chemistry	YES	NO	YES	YES
8	Computer Science	NO	NO	YES	YES
9	Botany	YES	NO	NO	YES
10	Zoology	YES	YES	YES	NO
11	Micro-biology	YES	YES	YES	YES
12	Bio-technology	YES	YES	YES	YES
13	Computer Applications	YES	YES	YES	YES

W. W. W. W.
28/04/2022
PRINCIPAL
S.G.S. ARTS COLLEGE
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1.2.1.1: Number of Programmes in which CBCS/ Elective course system implemented.

Cluster Electives are offered in the following Programs

2017-2018

CLUSTER PAPERS OFFERED		
S.NO	Program Name	Elective Papers Offered
1	MPC	Mathematics, Chemistry,
2	MPS	Mathematics, Statistics
3	MPCs	Mathematics
4	MSCs	Mathematics , Statistics
5	BZC	Botany, Zoology, Chemistry
6	MZC	Micro Biology, Zoology, Chemistry
7	BBC	Bio-technology, Botany, Chemistry
9	HEP	Political Science, Economics
10	HPT	Special Telugu
11	MES	Mathematics, Economics, Statistics
12	ASCA	Accounts
13	B.Com Gen	Accounts
14	B.Com CA	Accounts, Computer Applications

2018-2019

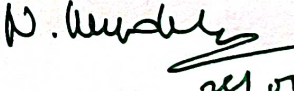
S.G.S ARTS COLLEGE, TTD, TIRUPATI		
CLUSTER PAPERS OFFERED		
S.NO	Program Name	Elective Papers Offered
1	MPC	Mathematics
2	MPS	Mathematics, Statistics
3	MPCs	Computer Science, Mathematics
4	MSCs	Mathematics, Statistics, Computer Science
5	BZC	Zoology
6	MZC	Micro Biology, Zoology
7	BBC	Bio-technology
9	HEP	Political Science, Economics
10	HPT	Special Telugu
11	MES	Mathematics, Statistics, Economics
12	ASCA	Accounts
13	B.Com Gen	Accounts
14	B.Com CA	Accounts, Computer Applications

2019-2020

S.G.S ARTS COLLEGE, TTD, TIRUPATI		
CLUSTER PAPERS OFFERED		
S.NO	Program Name	Elective Papers Offered
1	MPC	Mathematics, Chemistry
2	MPS	Mathematics, Statistics
3	MPCs	Computer Science, Mathematics
4	MSCs	Mathematics, Statistics, Computer Science
5	BZC	Zoology, Chemistry
6	MZC	Micro Biology, Zoology, Chemistry
7	BBC	Bio-technology, Chemistry
9	HEP	Political Science, Economics
10	HPT	Special Telugu
11	MES	Mathematics, Statistics, Economics
12	ASCA	Accounts
13	B.Com Gen	Accounts
14	B.Com CA	Accounts, Computer Applications

2020-2021

S.G.S ARTS COLLEGE, TTD, TIRUPATI		
CLUSTER PAPERS OFFERED		
S.NO	Program Name	Elective Papers Offered
1	MPC	Mathematics, Chemistry
2	MPS	Mathematics, Statistics
3	MPCs	Computer Science, Mathematics
4	MSCs	Mathematics, Statistics, Computer Science
5	BZC	Botany, Chemistry
6	MZC	Micro Biology, Chemistry
7	BBC	Bio-technology, Botany, Chemistry
9	HEP	Political Science, Economics
10	HPT	Special Telugu
11	MES	Mathematics, Statistics, Economics
12	ASCA	Accounts
13	B.Com Gen	Accounts
14	B.Com CA	Accounts, Computer Applications


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Cluster Electives offered for Semester VI

Mathematics:	
Subject Code	Title of the Cluster Electives
1-6-112A	Integral Transforms
1-6-112B	Advanced Numerical Analysis
1-6-112C	Project

Computer Science:	
Subject Code	Title of the Cluster Electives
3-6-107C1	PHP – MySql & Wordpress
3-6-107C2	Advanced JavaScript: JQuery, Ajax, Angular JS & JSON
3-6-107C3	Project

Statistics:	
Subject Code	Title of the Cluster Electives
1-6-122A	Operation Research
1-6-122B	Advanced Operations Research
1-6-122B	Numerical Analysis

Chemistry:	
Subject Code	Title of the Cluster Electives
3-6-105A	Polymer Chemistry
3-6-105B	Instrumental Methods of Analysis
3-6-105C	Analysis of Drugs, Foods, Dairy Products & Bio-Chemical Analysis

Zoology:	
Subject Code	Title of the Cluster Electives
3-6-114A	Principles of Aquaculture
3-6-114B	Aquaculture Management
3-6-114C	Postharvest Technology

Microbiology:	
Subject Code	Title of the Cluster Electives
3-6-112A	Microbial Biotechnology
3-6-112B	Microbial Quality Control in Food and Pharmaceutical Industries
3-6-112C	Bio Fertilizers and Bio Pesticides

Bio Technology:	
Subject Code	Title of the Cluster Electives
3-6-102A	Environmental Biotechnology
3-6-102B	Industrial Biotechnology
3-6-102C	Genetics

Botany:	
Subject Code	Title of the Cluster Electives
3-6-103A	PLANT DIVERSITY AND HUMAN WELFARE
3-6-103B	ETHNOBOTANY AND MEDICINAL BOTANY
3-6-103C	Pharmacognosy and Phytochemistry

History:	
Subject Code	Title of the Cluster Electives
1-6-110A	Cultural Tourism in Andhra Pradesh
1-6-110B	Popular Movements in Andhra Desa (1848 TO 1956A.D.)(History and Culture of Andhra from 1857 to 2014)
1-6-110C	Contemporary History of Andhra Pradesh (1956-2014)

Economics:

Political Science:	
Subject Code	Title of the Cluster Electives
1-6-114A	International Relations
1-6-114B	Indian Foreign Policy
1-6-114C	Contemporary Global Issues

Advance Telugu:	
Subject Code	Title of the Cluster Electives
1-6-103A	Journalism
1-6-103B	Structure of Modern Telugu Language
1-6-103C	Telugu Translation

Commerce:	
Subject Code	Title of the Cluster Electives
2-6-105	Financial Services
2-6-106	Marketing of Financial Services

Computer Applications:	
Subject Code	Title of the Cluster Electives
1-6-106	E-Commerce Applications
1-6-106C	Tally

N. Venkatesh
28/01/22

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