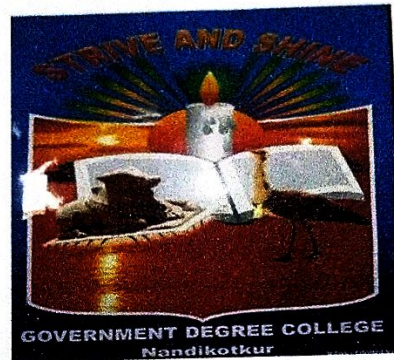


Government Degree College, Nandikotkur Nandyal (Dt.)

CURRICULAR PLAN & TEACHING DIARY



Established – 1982

Academic Year 20222023

Name of the Lecturer : Dr. R. Raghupathi Reddy

Subject : political Science

GOVERNMENT DEGREE COLLEGE, NANDIKOTKUR NANDYAL (DT.)

IMPORTANT NATIONAL AND INTERNATIONAL DAYS TO BE OBSERVED IN THE COLLEGE

1. National Youth Day	: 12th January	23. International Science day	: 11th September
2. National Voters Day	: 25th January	24. World Ozone Day	: 16th September
3. Republic Day	: 26th January	25. NSS Day	: 24th September
4. Marty's Day	: 30th January	26. National Blood Donation Day	: 1st October
5. National Science Day	: 28th February	27. Gandhi Jayanthi	: 2nd October
6. World Wild Life Day	: 3rd March	28. International Girl Child Day	: 11th October
7. International Women's Day	: 8th March	29. International Students Day	: 15th October
8. Pi(π) Day	: 14th March	30. World Food Day	: 16th October
9. World Health Day	: 7th April	31. United Nations Day	: 24th October
10. Ambedker's Birth Day	: 14th April	32. Rastriya Ektha Divas	: 31st October
11. Earth Day	: 22nd April	33. National Education Day	: 11th November
12. World Environment Day	: 5th June	34. Nehru Birth Day	: 14th November
13. World Blood Donors Day	: 14th June	35. National Integration Day	: 19th November
14. International Yoga Day	: 21st June	36. Indian Constitution Day	: 26th November
15. National Voters Day	: 25th June	37. NCC Day	: Last Sunday of Nov
16. World Population Day	: 11th July	38. World AIDS Day	: 1st December
17. Quit India Day	: 9th August	39. Water Pollution Control Day	: 2 nd December
18. International Youth Day	: 12th August	40. World Computer Literacy Day	: 2 nd December
19. Independence Day	: 15th August	41. World Disability Day	: 3 rd December
20. Sports Day/Telugu Day	: 29th August	42. Ambedker's Vardhanthi	: 6th December
21. Teacher's Day	: 5th September	43. World Human Rights Day	: 10th December
22. International Literacy Day	: 8th September	44. National Mathematics Day	: 22nd December

GOVERNMENT DEGREE COLLEGE, NANDIKOTKUR NANDYAL (DT.)

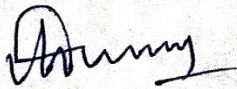
IMPORTANT NATIONAL AND INTERNATIONAL DAYS TO BE OBSERVED IN THE COLLEGE

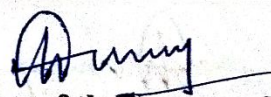
1. National Youth Day	: 12th January	23. International Science day	: 11th September
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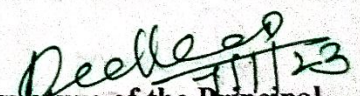
CURRICULAR PLAN-GOVT. DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: III..... for the Academic Year : 2022-23.. Sub: political Science.. Paper: III..... Title: Indian Govt. and Politics
 Name of the Lecturer: Dr. R. Raghupathi Reddy..... Year: II..... Class: II B A..... Medium: (E.M.).....

S. No	Month	Week	Hours Available	Syllabus Topic	Additional Input/ Value addition	Curricular Activity				Co- Curricular Activity				Remarks
						Activity (Other than Teaching & Practical's)	Hrs. Allotted	Conducted (Y/N)	If not Alternate date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate date	
1	November-22	II	05	Constitutional development in India. Constituent Assembly composition and Its importance. Basic features of the Indian constitution.	Back ground of Indian constitution other countries constitution	Tutorial -	01	yes	-	Seminar	01	yes	-	-
		III	05	Fundamental Rights of Indian citizens and their importance Directive principles of state policy and Its classification			01	yes	-	unit-test	01	yes	-	-
		IV	05	Differences Fundament Rights and Directive principles Fundamental duties of Indian Citizens. Kesavananda Bharathi case.			01	yes	-	Assignment	01	yes	-	-


Signature of the Lecturer

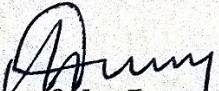

Signature of the Lecturer I/C of the Dept. 8/11/22

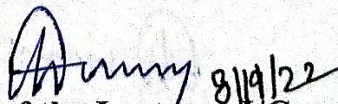

Signature of the Principal

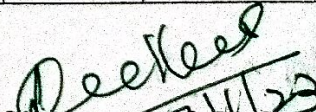
CURRICULAR PLAN-GOVT. DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: III..... for the Academic Year : 2022-23..Sub: Political Science..Paper: III..... Title: Indian Govt. and politics.
 Name of the Lecturer: Dr. R. Raghupathi Reddy..... Year: III..B.A.. Class: II..B.A..... Medium: EM.....

S. No	Month	Week	Hours Available	Syllabus Topic	Additional Input/ Value addition	Curricular Activity				Co- Curricular Activity				Remarks
						Activity (Other than Teaching & Practical's)	Hrs. Allotted	Conducted (Y/N)	If not Alternate date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate date	
2.	December-22	I	05	president of India - Mode of Election - Powers and Functions of President.	U.S.A England U.S.A prime-Minister president	Slip Test	01	yes	—	Seminar	01	yes	—	—
		II	05	parliament - composition, powers and Functions - Legislative committees.			—	—	—	Group Discussion	01	yes	—	—
		III	05	powers and Functions of prime-minister and council of Ministers - powers and functions. Role in coalition politics.			—	—	—	National Quiz on Human Rights	01	yes	—	—
		IV	05	Governor - Mode of Appointment, powers and Functions. Legislature - composition, powers and Functions and Kinds.			01	yes	—	—	—	—	—	—
				Chief Minister - Powers and Functions. Council of Ministers - powers and Functions		Tutorial								


Signature of the Lecturer

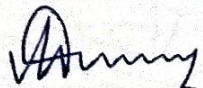

Signature of the Lecturer I/C of the Dept.

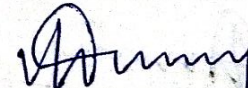

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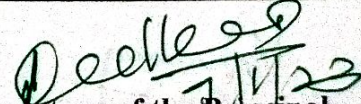
CURRICULAR PLAN-GOVT. DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: III..... for the Academic Year: 2022-23 Sub: Political Science Paper: III..... Title: Indian Govt and politics
 Name of the Lecturer: Dr. R. Raghupathi Reddy..... Year: II..... Class: II B.A..... Medium: EM.....

S. No	Month	Week	Hours Available	Syllabus Topic	Additional Input/ Value addition	Curricular Activity				Co- Curricular Activity				Remarks
						Activity (Other than Teaching & Practical's)	Hrs. Allotted	Conducted (Y/N)	If not Alternate date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate date	
3.	January - 2023	I	05	Legislature and Its kinds 1) Unicameralism and Its merits 2) Bi-cameralism and Its merits	Federal court OF U.S-A	GOT [Surprised objective Test]	01	Yes	—	Group Discussion	01	Yes	—	—
		II	05	Supreme court - composition and Appointments. Supreme court and Its powers and Functions.					—	Quiz	01	Yes	—	—
		III	05	Pongal Holidays from 13-01-23 to 16-01-23 As per university calendar.	U.S.A Judicial System	Slip test								
		IV	05	Judicial Review And Judicial Activism			01	Yes	—	Seminar	01	Yes	—	—


 Signature of the Lecturer

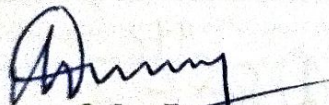

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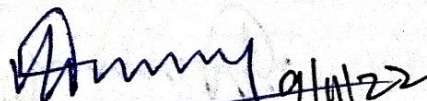

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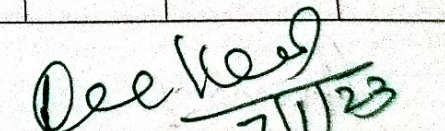
CURRICULAR PLAN-GOVT. DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: III for the Academic Year: 2022-23 Sub: Political Science Paper: III Title: Indian Govt and Politics
 Name of the Lecturer: Dr. R. Raghupathi Reddy Year: II Class: B.A Medium: E.M

S. No	Month	Week	Hours Available	Syllabus Topic	Additional Input/ Value addition	Curricular Activity				Co- Curricular Activity				Remarks
						Activity (Other than Teaching & Practical's)	Hrs. Allotted	Conducted (Y/N)	If not Alternate date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate date	
4	February-23	I	05	High court - composition - powers and Functions Debates on the mode of Appointment of Judges.	U.S.A Judicial System 1 Collegium System	Tutorial	01	yes	-	Assignment	01	yes	-	-
		II	05	National Judicial Appointments Commission Judicial Reforms.			01	yes	-	Seminar	01	yes	-	-
		III	05	Revision										
		IV	05	Revision										


 Signature of the Lecturer

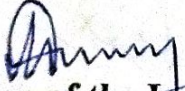

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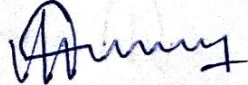

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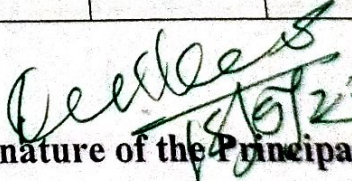
Semester - IV and VI
CURRICULAR PLAN-GOVT. DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: IV for the Academic Year : 2022-23. Sub: Political Science. Paper: IV Title: Indian Political Process
Name of the Lecturer: Dr. R. Raghupathi Reddy Year: II Class: II B.A Medium: (E.M.)

S. No	Month	Week	Hours Available	Syllabus Topic	Additional Input/ Value addition	Curricular Activity				Co- Curricular Activity				Remarks
						Activity (Other than Teaching & Practical's)	Hrs. Allotted	Conducted (Y/N)	If not Alternate date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate date	
1	April - 2023	II	04	Features of Indian Federal System. Centre - state relations	American Federal System	Election Commission of India American Federal System	3	Yes	—	Group Discussion	01	Yes	—	—
2		III	05	Centre - state relations 1. Legislative 2. Administrative 3. Financial relations Sarkaria commission and M.M. punchi commission	American Federal System	Sarkaria Commission And M.M. Punchi Commission	4	Yes	—	Assignment	01	Yes	—	—
3		IV	05	Election commission of India and its composition powers and Functions. Electoral Reforms	US and England Electoral System	Election Commission of India	04	Yes	—	Seminar	01	Yes	—	—


Signature of the Lecturer

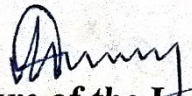

Signature of the Lecturer I/C
of the Dept.


Signature of the Principal

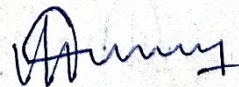
Semester - IV and VI
CURRICULAR PLAN-GOVT. DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: IV..... for the Academic Year: 2022-23 Sub: Political Science Paper: IV..... Title: Indian Political Process...
Name of the Lecturer: Dr. R. Raghupathi Reddy..... Year: II..... Class: II. B. A..... Medium: (E.M).....

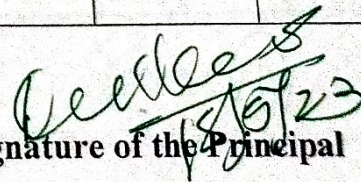
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						Activity (Other than Teaching & Practical's)	Hrs. Allotted	Conducted (Y/N)	If not Alternate date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate date	
1	April - 2023	II	04	Features of Indian Federal System. Centre - state relations	American Federal System	Election Commission of India American Federal System	3	Yes	—	Group Discussion	01	Yes	—	—
2		III	05	Centre - state relations 1. Legislative 2. Administrative 3. Financial relations Sarkaria commission and M.M. punchi commission.	Rajamannar Commission	Sarkaria Commission And M.M. Punchi Commission	4	Yes	—	Assignment	01	Yes	—	—
3		IV	05	Election commission of India and its composition Powers and Functions. Electoral Reforms	US and England Electoral System	Election Commission of India	04	Yes	—	Seminars	01	Yes	—	—



Signature of the Lecturer



Signature of the Lecturer I/C of the Dent.

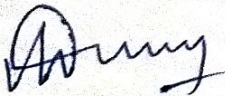


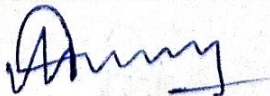
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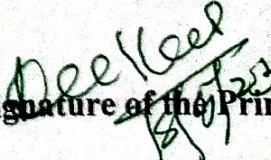
CURRICULAR PLAN-GOVT. DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: for the Academic Year : Sub: Paper: Title:
 Name of the Lecturer: Year: Class: Medium:

S. No	Month	Week	Hours Available	Syllabus Topic	Additional Input/ Value addition	Curricular Activity				Co- Curricular Activity				Remarks
						Activity (Other than Teaching & Practical's)	Hrs. Allotted	Conducted (Y/N)	If not Alternate date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate date	
4	May-23	1	05	Electoral Reforms - voting Behaviour - determinants to influence the voters in the elections and problems.	Voting System in other countries	Electoral Reforms	04	yes	-	Seminars	01	yes	-	-
5		2	05	panchayat Raj system - Local and urban self Institutions.	-	Local & Urban self Institutions	04	yes	-	Assignment	01	yes	-	-
6		3	05	73 rd and 74 th constitutional amendments and their - Importance.	Amendment. Procedure in other countries	73 rd and 74 th constitutional amendments	04	yes	-	Unit-test	01	yes	-	-
7		4	05	Local and urban Government challenges. Role of Caste system in Indian politics	-	Role of Caste System in India.	04	yes	-	Group Discussion	01	yes	-	-


 Signature of the Lecturer

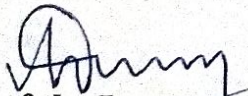

 Signature of the Lecturer I/C of the Dept.

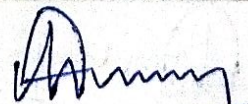

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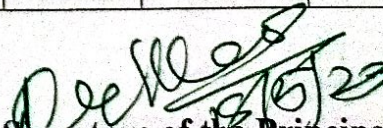
CURRICULAR PLAN-GOVT. DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: IV for the Academic Year: 2022-23 Sub: Political Science Paper: IV Title: Indian Political Process
 Name of the Lecturer: Dr. R. Raghupathi Reddy Year: II Class: B.A Medium: EM

S. No	Month	Week	Hours Available	Syllabus Topic	Additional Input/ Value addition	Curricular Activity				Co- Curricular Activity				Remarks
						Activity (Other than Teaching & Practical's)	Hrs. Allotted	Conducted (Y/N)	If not Alternate date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate date	
8	June-23	1	05	Role of Language - Regionalism in Indian Politics and Reservation.	Politics of Reservation in other countries	Role of Language in India	04	Yes	-	Assignment	01	Yes	-	-
9		2	05	Criminalization of politics and Internal threats to Security.		-	04	Yes	-	Unit-test	01	Yes	-	-
10		3	05	NITI Aayog and Finance commission		Finance Commission	04	Yes	-	Seminar	01	Yes	-	-
11		4	05	Comptroller and Auditor General of India. Central vigilance commission		CAG =	04	Yes	-	Assignment	01	Yes	-	-


Signature of the Lecturer

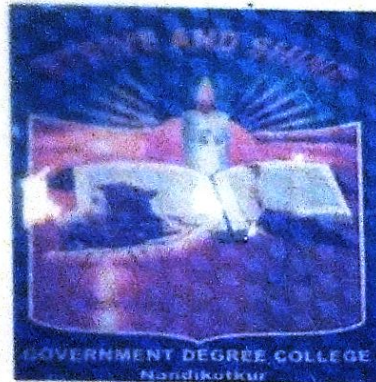

Signature of the Lecturer I/C of the Dent.


Signature of the Principal

Govt. Degree College, Nandikotkur

Kurnool (DT.)

College Re-Accredited with 'B' Grade by NAAC



ESTABLISHED-1982

ACADEMIC YEAR:

ANNUAL CURRICULAR PLAN & TEACHING DIARY

Name : T. Jhansi Rani, Lecturer in Computer Science

Subject : Computer Science

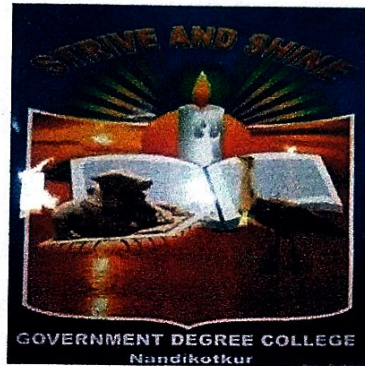
Department of Computer Sciences
GOVT DEGREE COLLEGE
Nandikotkur

GDC-NDK

Govt. Degree College, Nandikotkur

Kurnool (DT.)

College Re-Accredited with 'B' Grade by NAAC



ESTABLISHED-1982

ACADEMIC YEAR: ANNUAL CURRICULAR PLAN & TEACHING DIARY

Name : T. Thansi Rani, Lecturer in Computer Science

Subject : Computer Science

Department of Computer Sciences
GOVT DEGREE COLLEGE
Nandikotkur

IMPORTANT NATIONAL AND INTERNATIONAL DAYS TO BE OBSERVED IN THE COLLEGE

National Youth Day	: 12th January
Republic Day	: 26th January
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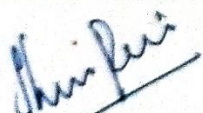
CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR.

Curricular Plan For the Semester : II Semester for the Academic Year : 2021 - 22

Sub: Computer Science Paper: ICT Title: Information and Communication Technology

Name Of The Lecturer : T. Jhanvi Rani Year I Year Class : B.Com/BA Medium : English

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	CURRICULAR ACTIVITY				Co-CURRICULAR ACTIVITY				Remarks
						Activity (Other Than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If Not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If Not Alternate Date	
1.	Sept	Week 1	2	Introduction to Internet & Networks		showing various Browsers of internet	2	Yes	—					
2.	Sept	Week 2	2	Internet addresses and components		Web sites of URL addresses in show	2	Yes	—					
3.	Sept	Week 3	2	URL and web sites address		Examples websites shown	2	Yes	—					


Signature of the Lecturer


Signature of the Lecturer I/C
of the Dept.


Signature of the Principal

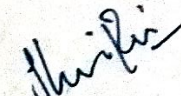
CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR.

Curricular Plan For the Semester : II Semester (2021) for the Academic Year : 2021-22

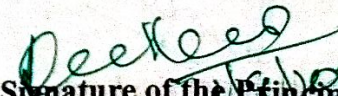
Sub: Computer Science Paper: ICT LSC Title: Information and Communication Technology

Name Of The Lecturer : T. Thanesi Ravi Year I Year Sem II Sem Class : B.Com/BA Medium : English

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	CURRICULAR ACTIVITY				Co-CURRICULAR ACTIVITY				Remarks
						Activity (Other Than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If Not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If Not Alternate Date	
4.	Sept	Week 4	2	Search Engines & Social Network		Google Search Engine Shown	2	Yes	—					
5.	Oct	Week 1	2	Email working & operation		Gmail working Shown	2	Yes	—					
6.	Oct	Week 2	2	Google Suite - for Docs		Google Docs Shown	2	Yes	—					
7	Oct	Week 3	2	Google Suite -		Google forms Shown	2	Yes	—	Quiz Formation	1	Yes	—	


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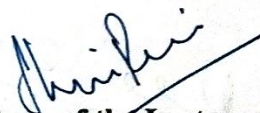
CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR.

Curricular Plan For the Semester : II Semester (2021) for the Academic Year : 2021-22

Sub: Comp. Science Paper: LSC Title: Information and Communication Technology

Name Of The Lecturer : J. Jhansi Rani Year 2 Year, II Sem Class : B.Com/BA Medium : English

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	CURRICULAR ACTIVITY				Co-CURRICULAR ACTIVITY				Remarks
						Activity (Other Than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If Not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If Not Alternate Date	
8	Oct	Week 4	2	Internet security		Email Security systems shown	2	Yes						
9	Nov	Week 1	2	Cryptography		Examples of various security systems shown	2	Yes						
10	Nov	Week 2	2	Firewalls		SWAYAM, NPTEL Shodhganga	2							
11	Dec	Week 1	2	GeoI initiatives		Examples of online Training	1	Yes		Technical Quiz	01	Yes		


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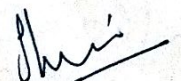
CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR.

Curricular Plan For the Semester : V Semester (2021) for the Academic Year : 2021-22

Sub: Comp. Science Paper: B.Com(CA) Title: Database Management Systems

Name Of The Lecturer : J. Jhansi Rani Year IIIrd & V Sem Class : B.Com(CA) Medium : English

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	CURRICULAR ACTIVITY				Co-CURRICULAR ACTIVITY				Remarks
						Activity (Other Than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If Not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If Not Alternate Date	
1.	Oct	Week 4	4	Data & Inf DBMS Advantages		Shown various databases	4	Yes						
2.	Nov	Week 1	4	File-Based system, Data Models		Shown the traditional file systems	4	Yes		Assignment on file s/m	01	Yes		
3.	Nov	Week 2	4	ER relationship model		Er diagrams are shown	4							
4.	Nov	Week 3	4	SQL & operations		mySQL software is shown	4 + 2P							


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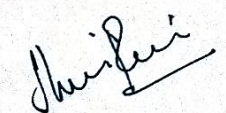
CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR.

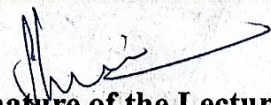
Curricular Plan For the Semester : V Semester (2021) for the Academic Year : 2021 - 22

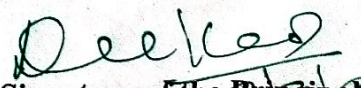
Subject : Comp. Science Paper : B.Lom (CA) Title : Web Technologies

Name Of The Lecturer : T. Jhanvi Rani Year : III Yr, V Sem Class : B.Lom - CA Medium : English

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	CURRICULAR ACTIVITY				Co-CURRICULAR ACTIVITY				Remarks
						Activity (Other Than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If Not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If Not Alternate Date	
1.	Oct	Week 4	4	WWW Topologies Tags		Shows webpages in Browser	4	Yes		Assign ment Question	01	Yes		
2.	Oct	Week 1	4+2(P)	Frames Forms Lists		Shows various forms in html	4+2							
3.	Nov	Week 2	4+2(P)	Cascading Style Sheets		Shows CSS Pages	4+2							
4	Nov	Week 3	4+2(P)	JavaScript mathematical functions		Shows outputs of JavaScript	4+2							


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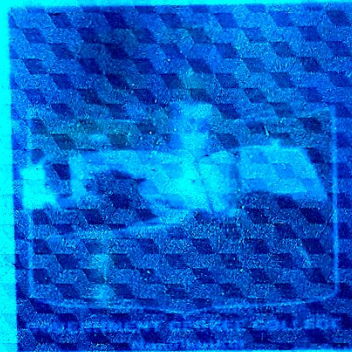

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CDC-NDK

Govt. Degree College, Nandikotkur

Kurnool (D.T.)

College Re-Accredited with 'B' Grade by NAAC



ESTABLISHED-1982

ACADEMIC YEAR:
ANNUAL CURRICULAR PLAN & TEACHING DIARY

Name : T. Madanna

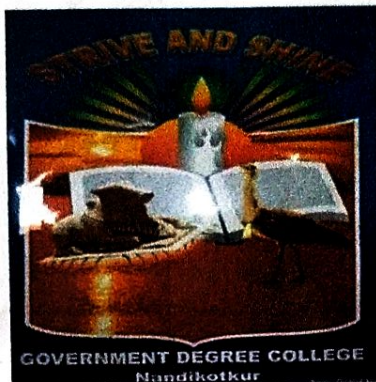
Subject : Economics

GDC-NDK

Govt. Degree College, Nandikotkur

Kurnool (DT.)

College Re-Accredited with 'B' Grade by NAAC



ESTABLISHED-1982

ACADEMIC YEAR:
ANNUAL CURRICULAR PLAN & TEACHING DIARY

Name : T. Madanna

Subject : Economics

IMPORTANT NATIONAL AND INTERNATIONAL DAYS TO BE OBSERVED IN THE COLLEGE

National Youth Day	: 12th January	International Science day	: 11th September
Republic Day	: 26th January	World Ozone Day	: 16th September
Marty's Day	: 30th January	NSS Day	: 24th September
National Science Day	: 28th February	National Blood Donation Day	: 1st October
World Wild Life Day	: 3rd March	Gandhi Jayanthi	: 2nd October
International Women's Day	: 8th March	International Girl Child Day	: 11th October
Pi (π) Day	: 14th March	International Students Day	: 15th October
World Health Day	: 7th April	World Food Day	: 16th October ✓
Ambedker's Birth Day	: 14th April	United Nations Day	: 24th October
World Environment Day	: 5th June	Rastriya Ektha Divas	: 31st October
International Yoga Day	: 21st June	National Education Day	: 11th November
National Voters Day	: 25th June	Nehru Birth Day	: 14th November
World Population Day	: 11th July ✓	National Integration Day	: 19th November
Quit India Day	: 9th August	Indian Constitution Day	: 26th November
International Youth Day	: 12th August	NCC Day	: Last Sunday of Nov
Independence Day	: 15th August	World AIDS Day	: 1st December
Sports Day/Telugu Day	: 29th August	Ambedker's Vardhanthi	: 6th December
Teacher's Day	: 5th September	World Human Rights Day	: 10th December
International Literacy Day	: 8th September	National Mathematics Day	: 22nd December

CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: III for the Academic Year: 2020-21

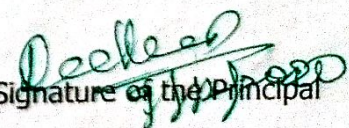
Sub: Economics Paper: III Title: Macro Economics - National Income, Employment and Money

Name of the Lecturer: T. Madanna Year: II Class: II BA Medium: Telugu

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
1	NOV	Ist	05	Meaning, Definitions & Importance of Macro Economics	Importance of Macro Economics	Teaching	05	yes	-					
2	NOV	IInd	05	Differences between Micro & Macro Economics paradox of Macro Economics - Limitations	distinguish between micro & macro	Teaching	04	yes	-	counseling	01	yes		
3	NOV	IIIrd	05	National Income - Definitions, Concepts of National Income (GNP, GDP, NNP, NDP, PCI)	Importance of National Income	Teaching	05	yes	-					


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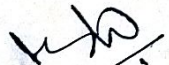
CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: III for the Academic Year: 2020-21

Sub: Economics Paper: III Title: Macro Economics - National Income, Employment and Money

Name of the Lecturer: T. Madanna Year: II Class: II BA Medium: Telugu

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						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
4	NOV	4 th	05	National Income		Teaching	05	Yes						
5	Dec	1	05	Methods of Estimation of National Income - measurement of National Income	Estimation of National Income	Teaching	04	Yes		Internat	01	Yes		
6	Dec	2	05	Circular flow of Income - Two or three sector Economy	Importance of Income Flow	Teaching	05	Yes						
7	Dec	3	05	Circular flow of Income in four sector Economy	"	Teaching	05	Yes						
8	Dec	4	05	Classical Theory of Employment Say's Law of Market	Full employment in economy	Teaching	04	Yes		career guidance	01	Yes		


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CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR

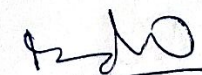
Curricular plan for the Semester: III for the Academic Year: 2020-21

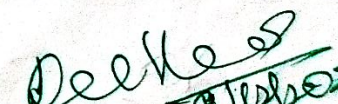
Sub: Economics Paper: III Title: Macro Economics - National Income, Employment and Money

Name of the Lecturer: T. Madanna Year: II Class: II B A Medium: Telugu

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						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
9	Jan	I	05	Keynesian Theory of Employment - concept of Effective demand	Employment theories	Teaching	05	yes	-					
10	Jan	II	05	Effective demand		Teaching	05	yes	-					
11	Jan	III	05	Consumption function & Investment function		Teaching	05	yes	-					
12	Jan	IV	05	Marginal Efficiency of capital (MEC) concept of multiplier	Advantage of multiplier	Teaching	05	yes	-					
13	Feb	I	05	Concept of Accelerator - meaning and functions of Money	Advantage of accelerator	teaching	04	yes	-	Seminar	01	yes		


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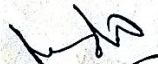
CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR

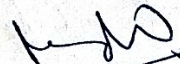
Curricular plan for the Semester: III for the Academic Year: 2020-21

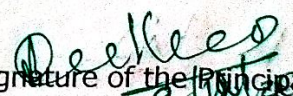
Sub: Economics Paper: III Title: Macroeconomics - National Income, Employment and Money

Name of the Lecturer: T. Madanna Year II Class: II BA Medium: Telugu

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co- Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
14	Feb	II	5	Classification of Money - Gresham Law - RBI classification of Money	Importance of Money in Country	Teaching	05	Yes	-					
15	Feb	III	5	Theories of Money - Fisher's theory	Important theories of money	Teaching	04	Yes	-	Quiz	01	Conducted		
16	Feb	IV	5	Theories of Money - (Marshall, Pigou, Robinson)	"	Teaching	05	Yes	-	Debate	01	Conducted		
17	March	I	5	Theories of money - Cambridge approach	"	Teaching	05	Yes	-					
18	March	II	5	Theories of Money - Robertson, & Keynes	Importance of money theories	Teaching	05	Yes	-					
19	March	III	5	Money functions - Theories of money - Syllabus revision		Teaching	05	Yes	-					


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CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR

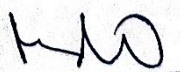
Curricular plan for the Semester: V for the Academic Year: 2020-21

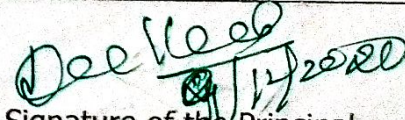
Sub: Economics Paper: V Title: Economic development and Indian Economy

Name of the Lecturer: T. Madanna Year: III Class: III BA Medium: Telugu

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
1	NOV	I	05	Concept of Economic growths - Distinction between Economic growths and development	Importance of Economic indicators	Teaching	05	Yes	-					
2	NOV	II	05	Measurement of Economic development - GDP, PCI, PDI, HDI,	"	Teaching	04	Yes	-	Counselling	1	Yes		
3	NOV	III	05	Factors influencing Economic development - Theories of Economic growths, Adam Smith, Rostow models	Importance of growth theories	Teaching	05	Yes	-					
4	NOV	IV	05	Theories of Economic growths Karl Marx, Harrod & Domar models	Importance of growth theories	Teaching	05	Yes						
5	Dec	I	05	Sustainable development - Balanced growth theory		Teaching	04	Yes	-	Internal Exam	1	Yes		


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CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR

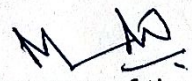
Curricular plan for the Semester: V for the Academic Year: 2020 - 21

Sub: Economics Paper: V Title: Economic development & Indian Economy

Name of the Lecturer: T. Madanna Year: III Class: III BA Medium: Telugu

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co- Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
6	Dec	II	05	unbalanced growth theory - Importance	Importance of growth theories	Teaching	05	Yes	-					
7	Dec	III	05	Difference between balanced & unbalanced growth theory	Economic development in India	Teaching	05	Yes	-					
8	Dec	IV	05	Choice of Techniques - Labour intensive Techniques	Importance of choice Techniques	Teaching	05	Yes	-					
9	Jan	I	05	Choice of Techniques - Capital intensive Techniques	"	Teaching	05	Yes	-					
10	Jan	II	05	Basic features of Indian Economy - Natural Resources	Role of natural Resources in development	Teaching	05	Yes	-	Career guidance	01	Yes	-	
11	Jan	III	05	Important demographic features - concept of population Dividend	population size	Teaching	05	Yes	-					


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CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: V for the Academic Year: 2020-21

Sub: Economics Paper: V Title: Economic development & Indian Economy

Name of the Lecturer: T. Madanna Year: III Class: III BA Medium: Telugu

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co- Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
12	Jan	<u>IV</u>	05	population policy - National Income in India -		Teaching	05	yes	-					
13	Feb	<u>I</u>	05	National Income - Trends and composition.	Importance of national Income	Teaching	05	yes	-	Seminar	1	yes	-	
14	Feb	<u>II</u>	05	Income inequalities causes poverty -	Importance of socio economic problems in India	Teaching	05	yes	-					
15	Feb	<u>III</u>	05	poverty causes & Remedies		Teaching	05	yes						
16	Feb	<u>IV</u>	05	unemployment causes & Remedies - measures taken by the Government		Teaching	05	yes		Quiz	1	yes		

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CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: IV for the Academic Year: 2020-21

Sub: Economics Paper: II Title: Economic development & Indian Economy

Name of the Lecturer: T. Madanna Year: III Class: II BA Medium: Telugu

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co- Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
17	March	I	05	MGNREGS - Economic Reforms	Importance of Rural development	Teaching	05	yes	-					
18	March	II	05	Economic Reforms - Liberalization, privatisation.		Teaching	05	yes	-					
19	March	III	05	Economic Reforms - Globalisation - Concept of Inclusive growth -	Importance of New Economic Reforms	Teaching	05	yes	-					
20	Mar	IV	05	Syllabus Revision		Teaching	05	yes	-					

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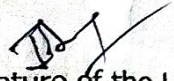
CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: I for the Academic Year: 2019-2020

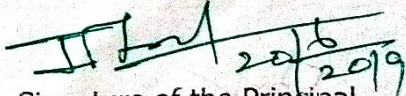
Sub: physics Paper: I Title: Mechanics & Properties of matter

Name of the Lecturer: J. muralidhar Year: I Class: B.Sc. MPCs Medium: English

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co- Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
	June	1	04	<u>Unit-I:-</u> Scalar and vector fields, Gradient of a scalar field and its physical significance, Divergence of a vector field.	<u>Equipotential Surfaces</u> <u>Gravitational field</u>	<u>Explanation</u>								
		2	04	Physical significance of divergence of a vector field, curl of a vector field and its physical significance	<u>Electric field intensity</u> <u>Magnetic field</u>	<u>Discussion</u>								
		3	04	vector integration, Gauss theorem and Stokes theorem	<u>Vector differentiation</u> <u>Green's theorem</u>	<u>Explanation</u>				<u>Problem solving method</u>				


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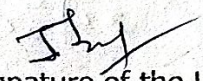
CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR

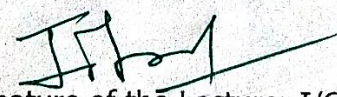
Curricular plan for the Semester: I for the Academic Year: 2019-2020

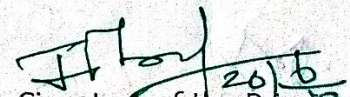
Sub: Physics Paper: I Title: Mechanics & Properties of matter

Name of the Lecturer: J. Muralidhar Year: I Class: B.Sc. MPCs Medium: English

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co- Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
	June	4	04	<u>UNIT-II:-</u> <u>Laws of motion, motion of variable mass system, & motion of a rocket.</u>	<u>Inertial & non-inertial reference frames</u>	<u>Question & Answer method</u>				<u>Preparation of models</u>				
	July	1	04	<u>Conservation of energy and momentum, Collisions in two and three dimensions</u>	<u>Center of mass & Centre of Gravity</u>	<u>Discussion</u>				<u>Assignment</u>				
		2	04	<u>Concept of Impact Parameter, Scattering cross-section, Rutherford Scattering</u>	<u>Inelastic collisions, Coriolis force</u>	<u>Discussion</u>								


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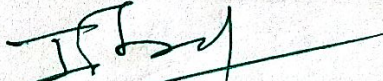
Curricular plan for the Semester: I for the Academic Year: 2019-2020

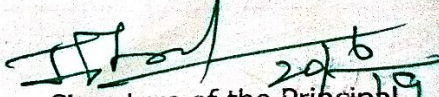
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Name of the Lecturer: J. Muralidhar Year: I Class: B.Sc. MPC Medium: English

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						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
	July	3	04	UNIT-III Rigid body, Rotational kinematic relations, equation of motion for a rotating body	Combined translational & rotational motion of a rigid body	Explanation								
		4	04	Angular momentum, Euler equations and its applications.	Inertia tensor.	Explanation								
	August	1	04	Precession of a top, Gyroscope, precession of the equinoxes.	Spinning atoms atoms, Freely rotating symmetric top	Discussion				Preparation of chart				


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CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: I for the Academic Year: 2019-2020

Sub: Physics Paper: I Title: Mechanics & Properties of matter

Name of the Lecturer: _____ Year: _____ Class: _____ Medium: _____

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
	August	2	04	Elastic Constants and their relations, Poisson's ratio and Poisson's ratio in terms of γ, η, K .	Mechanical Properties of materials.	Discussion								
		3	04	Classification of beams, types of bending, Point load, distributed load	types of supports to beams & reaction forces	Explanation				Chart preparation				
		4	04	Shearing force and bending moment, Sign conventions, Central <u>UNIT-IV:</u> Central forces - def. & Examples	Electro-static force	Discussion				Study Project				

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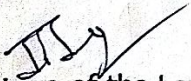
CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR

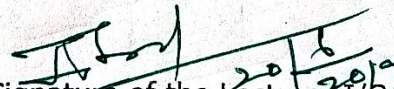
Curricular plan for the Semester: I for the Academic Year: 2019-2020

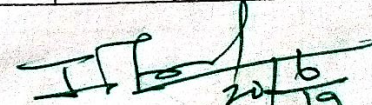
Sub: Physics Paper: I Title: Mechanics & Properties of matter

Name of the Lecturer: J. Muralidhar Year: I Class: B.Sc. Mps Medium: English

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co- Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
	SEP	1	04	Characteristics of central forces, Conservative nature of central forces, Conservative force as a negative gradient of Potential energy.	curl of a conservative force.	Explanation				Seminar				
		2	04	Equation of motion under a central force. Kepler's laws	Motion in fixed plane	Question & Answer method								
		3	04	Kepler's I law, II law and III law, motion of satellites.	Geo-centric Satellite	Explanation				Chart preparation				


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CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: I for the Academic Year: 2019-2020

Sub: Physics Paper: I Title: Mechanics & Properties of matter

Name of the Lecturer: J. Muralidhar Year: I Class: B.Sc., MPC Medium: English

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
	SEP	4	04	Idea of GPS. UNIT-V: Introduction to relativity, Galilean relativity, absolute frames.	Galilean Invariance	Discussion								
	OCT	1	04	Michelson-Morley experiment, negative results, postulates of special theory of relativity	Interference Phenomena	Explanation				Chart Preparation				
		3	04	Lorentz transformation, Time dilation, length contraction	Concept of Simultaneity	Explanation				Assignment				

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CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: I for the Academic Year: 2019-2020

Sub: Physics Paper: I Title: Mechanics & Properties of matter

Name of the Lecturer: J. Muralidhar Year: I Class: B.Sc. MPCs Medium: English

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
	SEP OCT	4	04	<u>Length Contraction,</u> Addition of velocities, mass-energy relation, Four-vector formalism. Revision of questions of exam point of view	<u>Variation of mass with velocity,</u> <u>Pair Annihilation</u>	<u>Explanation</u>				<u>Seminar</u>				


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CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: III for the Academic Year: 2019-2020

Sub: Physics Paper: III Title: Wave Optics

Name of the Lecturer: J. Muralidhar Year: II Class: B.Sc. MPCs Medium: English

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
	June	1	04	<u>UNIT-I :</u> Introduction to Aberrations, monochromatic aberrations, Spherical aberration	lenses - Image formation	Explanation				Study Project				
		2	04	Methods of minimizing Spherical aberration, Coma & Astigmatism.	Ramsden eye piece	Explanation				group discussion				
		3	04	Curvature of field, distortion, Chromatic aberration, achromatic doublet.	Huygen eye piece	Question Answer method				Quiz				


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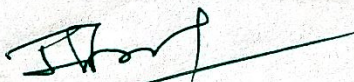
Curricular plan for the Semester: II for the Academic Year: 2019-2020

Sub: Physics Paper: II Title: Wave Optics

Name of the Lecturer: J. Muralidharan Year: II Class: BSc, MPCs Medium: English

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co- Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
	June	4	04	Achromatization for two lenses in contact and separated by a distance, UNIT-II: Principle of superposition, Coherence types, Fresnel's biprism - determination of λ of light.	Conditions for achromatic doublet.	Explanation								
	July	1	04	Phase change on reflection, cosine law (reflected & transmitted), Colours of thin films, wedge shaped film.	Conditions of interference	Explanation				Preparation of charts				
					During rain they find colours on rain water	Seminar								


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CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR

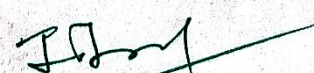
Curricular plan for the Semester: III for the Academic Year: 2019-2020

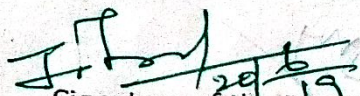
Sub: Physics Paper: III Title: Wave Optics

Name of the Lecturer: J. Muraleshwar Year: II Class: B.Sc. MPCs Medium: English

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
	<u>July</u>	<u>2</u>	<u>04</u>	wedge film - determination of diameter of wire, Newton's rings in reflected light, Michelson Interferometer.	Interference in soap bubble	Colours of rain drops during rain				<u>Seminar</u>				
		<u>3</u>	<u>04</u>	<u>UNIT-III</u> : Introduction to diffraction, types of diffraction, Fraunhofer diffraction due to single slit and double slit.	one loud voice teaching is heard by the lecturer in next class room	<u>Explanation</u>				<u>Chart preparation</u>				


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CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: I for the Academic Year: 2018-2019

Sub: Physics Paper: I Title: mechanics & Properties of matter

Name of the Lecturer: J. mutalidhas Year: I Class: B.Sc mps Medium: English

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co- Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
	June	01	04	unit-I Scalar and vector fields Gradient of a scalar field and its physical significance divergence of vector field	Equipotential surfaces Gravitational field	explanation								
		2	04	Physical significance of divergence of a vector field curl of vector field and its physical significance	electric field isolating magnets motive force	discussion								
		3	04	Vector integration, Gauss theorem and Stokes theorem	Vector differentiation Green's theorem	explanation				Problem solving method				

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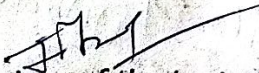
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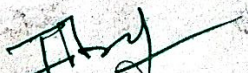
Curricular plan for the Semester: I for the Academic Year: 2018-2019

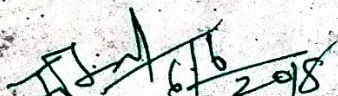
Sub: Physics Paper: I Title: Mechanics & Properties of matter

Name of the Lecturer: J. muralidhar Year: I Class: B.Sc. in P.C.S. Medium: English

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co- Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
	June	4	04	<u>Unit-II:</u> laws of motion, motion of variable mass system, motion of rocket	Internal & non internal reference frames	Question & answer method								
	July	1	04	conservation of energy and momentum, collisions in two and three dimensions	Centre of mass and centre of gravity	Discussion								
		2	04	concept of impact-Rutherford scattering cross-section Rutherford scattering	In elastic collisions, Coriolis force	Discussion								


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CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: I for the Academic Year: 2018-2019

Sub: Physics Paper: I Title: Mechanics & Properties of matter

Name of the Lecturer: J. Malidhar Year: I Class: BSc. mps Medium: English

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
	July	03	04	Unit-III Rigid body, Rotational kinematic relations, equation of motion for a rotating body	combined translation and rotational motion of a rigid body	explanation								
		4	04	Angular momentum, Euler equations and its applications	Inertia tensor	explanation								
	Aug	1	04	Precession of a top, Gyroscope, Precession of the equinoxes	Spinning about freely falling symmetric top	Discussion				Preparation of chart				

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6/6/2018

CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: I for the Academic Year: 2018-2019

Sub: Physics Paper: I Title: Mechanics & Properties of matter

Name of the Lecturer: J. muralidhar Year: I Class: BSc mPee Medium: English

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co- Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
	Aug	2	04	Elastic constants and their relations Poissons ratio and Poissons ratio in terms of σ , τ , N	Mechanical Properties of materials	Discussion								
		3	04	classification of beams, types of bending, point load, distributed load		experiment				chart preparation				
		4	04	shearing force and bending moment sign conventions unit IV Central forces - deflection	electrostatic force	Discussion				study Project				

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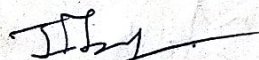
CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: I for the Academic Year: 2018-2019

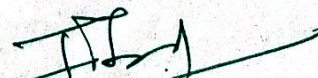
Sub: Physics Paper: I Title: Mechanics and Properties of Matter

Name of the Lecturer: J. Muralidhar Year: I Class: B.Sc. P.P.S. Medium: English

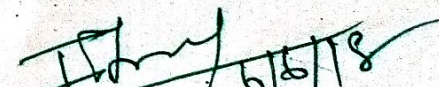
S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
	sep	1	04	Characteristics of central forces, conservative nature of central forces, conservative force as a negative gradient of Potential energy	cul of a conservative force	explanation				seminar				
		2	04	equation of motion under a central force Kepler's laws	motion in fixed plane	question & answer method								
		3	04	Kepler's I law, II law and III law, motion of satellites	Geo-Centric satellite	explanation				chart relation				



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CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: I for the Academic Year: 2018-2019

Sub: Physics Paper: I Title: Mechanics and Properties of Matter

Name of the Lecturer: J. Muralidhar Year: I Class: BSc. PPS Medium: English

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co-Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
	sep	4	04	Idea of GPs <u>Unit II</u> Introduction to relativity Galilean relativity, absolute frames	Galilean invariance	Discussion								
	oct	1	04	michelson-morley experiments, negative results Postulates of special theory of relativity	Interference phenomena	explanation				chart preparation				
		3	04	length contraction, Time dilation	concept of simultaneity	explanation				Assignment				

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CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: III for the Academic Year: 2018-2019

Sub: Physics Paper: III Title: wave optics

Name of the Lecturer: J. m. s. dhar Year: II Class: B.Sc. in Pae Medium: english

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co- Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
	June	1	04	<u>Unit-I</u> Introduction to Aberrations monochromatic aberrations spherical aberrations	lenses - Image formation	explanation				study project				
		2	04	methods of minimizing spherical aberrations, coma & Astigmatism	Ramsdon eye Piece	explanation				group discussion				
		3	04	curvature of field, distortion, chromatic aberration, achromatic doublet	Huygen eye Piece	question answer method				quiz				

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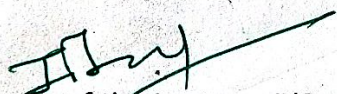
Curricular plan for the Semester: I for the Academic Year: 2018-2019

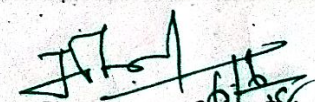
Sub: Physics Paper: I Title: Mechanics and Properties of matter

Name of the Lecturer: J. muralidhar Year: I Class: Bsc. pps Medium: english

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co- Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
	oct	4	04	length contraction, Addition of velocities mass-energy relation, four-vector formalism Revision of questions of exam point of view	variation of mass with velocity Pair Annihilation	explanation				seminar				


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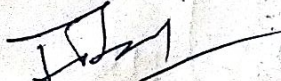
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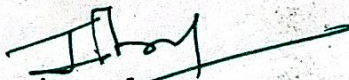
Curricular plan for the Semester: III for the Academic Year: 2018-2019

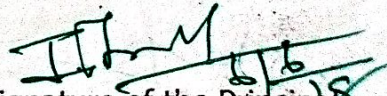
Sub: Physics Paper: III Title: Wave optics

Name of the Lecturer: J. muralidhar Year: II Class: B.Sc. P.C.S. Medium: English

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co- Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
	June	4	04	Achromatism for two lenses in contact and separated by a distance <u>Unit-II</u> Principle of superposition, coherence type, Fresnel's biprism - determination of λ of light	conditions of interference	explanation								
	July	01	04	Phase changing on reflection cosine law, cosine of thin films, wedge shaped film	using bin they find cosine on bin water	seminar								


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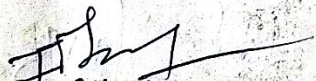
CURRICULAR PLAN - GOVT DEGREE COLLEGE, NANDIKOTKUR

Curricular plan for the Semester: III for the Academic Year: 2018-2019

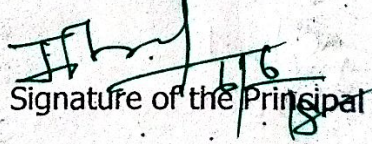
Sub: Physics Paper: III Title: wave optics

Name of the Lecturer: J. muthalibhar Year: II Class: Bsc mps Medium: english

S.No	Month	Week	Hours Available	Syllabus Topic	Additional Input / Value Addition	Curricular Activity				Co- Curricular Activity				Remarks
						Activity (Other than Teaching & Practicals)	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	Activity	Hrs. Allotted	Conducted (Y/N)	If not Alternate Date	
	July	2	04	wedge film determination of diameter of wire, newton's rings in reflected light, michelson interferometer	Interference in soap bubble	colours of rain drops during raining				seminar				
		3	04	<u>unit-III</u> Introduction to diffraction types of diffraction, Fraunhofer diffraction due to single slit and double slit	one hand voice teaching is heard by the lecture in next class room	explanation				chart Preparation				


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