ACADEMIC PLAN 2018-19

DEPARTMENT OF BENGALI

K. K. DAS COLLEGE

Anjana Brahma
HOD
Department of Bengali
K. K. Das College
Kolkata - 700 084

K.K. Das College GRH-17 B.G. Patuli P.O.-Garia, Kol-84

Dr. Ramkrishna Prasad Chakraborty
Principal
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Garia, Kol-84

B.A. BENGALI (Honours)

Semester- I

Bengali Core Course I: BNG-A-CC-1-1-TH-TU

বাংলা সাহিত্যের ইতিহাস (১৮০০ খ্রিঃ পর্যন্ত)

Faculty: Dr. Anjana Brahma (AB), Dr. Putul Chakraborty (PC), Sripati Pramanik (SP) ,Anamika Roy (AR) Anunoy Chattopadhyay(AC)

Module	Topic	Faculty	Month
I	বাংলা ভাষা ও সাহিত্যের ইতিহাস সম্পর্কিত সাধারণ ধারনা	PC	Sep-Nov
	বাংলা সাহিত্যের যুগবিভাগ – প্রসঙ্গ ও বিতর্ক	PC	Dec-Jan
	বাংলা ভাষা ও সাহিত্যের আদি পর্বের গতিপ্রকৃতি ও নিদর্শন সমূহ	PC	Jan-Feb
	চর্যাপদ	PC	Jan-Feb
	শ্রীকৃষ্ণকীর্তন	PC	Feb
II	অনুবাদ সাহিত্য – ভাগবত, রামায়ন ও মহাভারত	SP	Sep-Dec
	বৈষ্ণব পদাবলী – বিদ্যাপতি, চন্ডীদাস, জ্ঞানদাস, গোবিন্দদাস	SP	Jan-Feb
	চৈতন্য-চরিত সাহিত্য – চৈতন্যভাগবত, শ্রীচৈতন্যচরিতামৃত	SP	Feb
III	মঙ্গলকাব্যের উদ্ভব ও বিকাশ	AB	Sep-Jan
	মনসামঙ্গল, ধর্মমঙ্গল, চন্ডীমঙ্গল ও অন্নদামঙ্গল	AB	Sep-Jan
	প্রণয়োপাখ্যান – শাহ মহম্মদ সগীর, দৌলত কাজীও আলাওল	AB	Jan-Feb
	শাক্ত পদাবলী – রামপ্রসাদ সেন ও কমলাকান্ত ভট্টাচার্য	AB	Feb

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Bengali Core Course II: BNG-A-CC-1-2-TH-TU

বর্ণনামূলক ভাষাবিজ্ঞান ও বাংলাভাষা

Faculty: Dr. Anunoy Chaterjee (AC) & Anamika Roy (AR)

Module	Topic	Faculty	Month
I	ধ্বনি, বর্ণ, অক্ষর – সংজ্ঞার্থ ও পারস্পরিক সম্পর্ক	AC	Sep-Jan
	উচ্চারণস্থান ও উচ্চারণপ্রকৃতি অনুযায়ী বাংলা স্বর ও ব্যঞ্জনধ্বনিগুলির পরিচয়	AC	Sep-Jan
	মৌলিক স্বরধ্বনি ও স্বনিমের ধারণা	AC	Feb
	বাংলা ভাষার শব্দ ভান্ডার	AR	Feb
II	শব্দ বিবর্তন, বাংলা ভাষার ধ্বনি পরিবর্তনের রীতি ও প্রকৃতি	AR	Sep-Jan
	বাংলা শব্দার্থ পরিবর্তনের ধারা	AR	Dec-Jan
	বাংলা ভাষার উপভাষা	AR	Feb
III	বাংলা ভাষার রূপতাত্ত্বিক আলোচনা – বচন, লিঙ্গ, পুরুষ, সামাস, বিভক্তি, কারক, প্রত্যয়, ক্রিয়ার কাল ও অব্যয়	AC	Dec-Jan

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Semester- II

Bengali Core Course III: BNG-A-CC-2-3-TH-TU

বাংলা সাহিত্যের ইতিহাস (উনিশ শতক)

Faculty: Dr. Anjana Brahma (AB), Dr. Anunoy Chaterjee (AC) Dr. Putul Chakraborty (PC), Sripati Pramanik (SP)

	Topic	Faculty	Month
Module I কাব্য-কবিতা ও নাটক-প্রহসন	বাংলা কাব্যে আধুনিকতার সঞ্চার – প্রেক্ষাপট ও স্বরূপ	SP	Feb-June
	আধুনিক বাংলা নাটকের উদ্ভব ও বিকাশ	AC	Febr-June
Module II কথাসাহিত্য ও সাময়িক পত্র	নকশা-কথাগদ্য থেকে উপন্যাস- বাংলা উপন্যাসের উদ্ভব ও বিকাশ	AC	Feb-June
	বাংলা সাময়িক পত্রের উদ্ভব ও বিকাশ	PC	Feb-June
Module III গদ্য ও প্রবন্ধ	বাংলা সাহিত্যে গদ্য রীতি গৃহীত হওয়ার পটভূমি	PC	Feb-May
	বাংলা গদ্যের চর্চা ও বিকাশে শ্রীরামপুর মিশন ও ফোর্ট উইলিয়াম কলেজের ভূমিকা	PC	Feb-June
	বাংলা গদ্যের বিকাশে বিভিন্ন সাময়িক পত্রের অবদান	PC	Feb-June
	বাংলা গদ্য ও প্রবন্ধ সাহিত্যের বিকাশ	AB	Feb-May

Bengali Core Course IV: BNG-A-CC-2-4-TH-TU

বাংলা সাহিত্য : প্রবেশক পাঠ

Faculty: Dr. Anjana Brahma (AB), Anunoy Chaterjee (AC) Dr. Putul Chakraborty (PC), Sripati Pramanik (SP) Anamika Roy (AR)

	Topic	Faculty	Month
Module I কবিতা	১৬ টি নির্বাচিত বাংলা কবিতা	AB	Feb-June
Module II কথাসাহিত্য	বঙ্কিমচন্দ্র চট্টোপাধ্যায় - কপালকুন্ডলা	AR	Feb-June
	শরৎচন্দ্র চট্টোপাধ্যায় - অভাগীর স্বর্গ, পরশুরাম - লম্বকর্ণ, সতীনাথ ভাদুড়ী - চরণদাস এম. এল. এ, সমরেশ বসু - আদাব	PC	Feb-June
Module III নাটক ও গদ্য প্রবন্ধ	দীনবন্ধু মিত্র - নীলদর্পন	AC	Feb-May
	রবীন্দ্রনাথ ঠাকুর - বাজেকথা, প্রমথ চৌধুরী - বইপড়া	SP	Apr-May
	অবনীন্দ্রনাথ ঠাকুর - সৌন্দর্যের সন্ধানে, সোফিয়া খাতুন - উনবিংশ শতাব্দীর নারীবিপ্লব	AC	May-June

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B.A. BENGALI (General)

Semester- I

Bengali Core Course I/Generic Elective Course I: BNG-G-CC/GE-1-1-TH-TU

বাংলা সাহিত্যের ইতিহাস (আধুনিক যুগ)

Faculty: Dr. Anjana Brahma (AB), Anunoy Chaterjee (AC) Dr. Putul Chakraborty (PC), Sripati Pramanik (SP), Anamika Roy (AR)

	Topic	Faculty	Month
Module I গদ্য ও প্রবন্ধ	শ্রীরামপুর মিশন, ফোর্ট উইলিয়াম কলেজ রাজা রামমোহন রায়, ঈশ্বরচন্দ্র বিদ্যাসাগর, অক্ষয় কুমার দত্ত	AR	Sep-Jan
	প্যারীচাঁদ মিত্র, কালীপ্রসন্ন সিংহ, বঙ্কিমচন্দ্র চট্টোপাধ্যায়, রবীন্দ্রনাথ ঠাকুর, প্রমথ চৌধুরী, বুদ্ধদেব বসু	PC	Sep-Jan
Module II কাব্য-কবিতা ও নাটক	ঈশ্বরচন্দ্র গুপ্ত, রঙ্গলাল বন্দ্যোপাধ্যায়, মধুসূদন দত্ত, বিহারীলাল চক্রবর্তী, রবীন্দ্রনাথ ঠাকুর, কাজী নজরুল ইসলাম, যতীন্দ্রনাথ সেনগুপ্ত, জীবনানন্দ দাশ, সুভাষ মুখোপাধ্যায়	SP	Sep-Jan
	মধুসূদন দত্ত, দীনবন্ধু মিত্র, গিরিশচন্দ্র ঘোষ, রবীন্দ্রনাথ ঠাকুর, দ্বিজেন্দ্রলাল রায়, বিজন ভট্টাচার্য	AC	Sep-Feb
Module III উপন্যাস ও ছোটগল্প	বাংলা উপন্যাসের উদ্ভব ও বিকাশ বঙ্কিমচন্দ্র চট্টোপাধ্যায়, রবীন্দ্রনাথ ঠাকুর, শরৎচন্দ্র চট্টোপাধ্যায়, বিভূতিভূষণ বন্দ্যোপাধ্যায়, মানিক বন্দ্যোপাধ্যায়, তারাশঙ্কর বন্দ্যোপাধ্যায়	AB	Sepc-Jan

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Semester- II

Bengali Core Course II/Generic Elective Course II: BNG-G-CC/GE-2-2-TH-TU

ঐতিহাসিক ভাষাবিজ্ঞান, ছন্দ ও অলঙ্কার

Faculty: Dr. Anjana Brahma (AB), Anunoy Chaterjee (AC) , Anamika Roy (AR), Dr.Putul Chakraborty(PC), Sripati Pramanik (SP)

	Topic	Faculty	Month
Module I ঐতিহাসিক ভাষাবিজ্ঞান	প্রাচীন ভারতীয় আর্য ভাষা থেকে আধুনিক ভারতীয় আর্য ভাষা হিসেবে বাংলা ভাষার উদ্ভবের গতিরেখা	AC	Feb-May
	আদি-মধ্য বাংলা ভাষার ভাষাতাত্ত্বিক লক্ষণ – প্রেক্ষিত শ্রীকৃষ্ণকীর্তন	AR	Feb-June
Module II ছন্দ	অক্ষর, দল, কলা, মাত্রা, যতি, পর্ব, পদ, পঙ্‌ক্তি/চরণ – সংজ্ঞা ও উদাহরণ বাংলা ছন্দের ত্রিধারা – সংজ্ঞা, বৈশিষ্ট্য ও উদাহরণ ছন্দোলিপি প্রণয়ন	AC	Feb-June
Module III অলঙ্কার	অলঙ্কার সম্পর্কে সাধারণ ধারণা অনুপ্রাস, যমক, শ্লেষ, বক্রোক্তি, উপমা, রূপক, উৎপ্রেক্ষা, সমাসোক্তি, ব্যাজস্তুতি, ব্যতিরেক - সংজ্ঞা ও উদাহরণ অলঙ্কার নির্ণয়	AB	Feb-June

Ability Enhancement Compulsory Course (AECC-I)

MIL (Bengali)

কলা, বিজ্ঞান ও বাণিজ্যসহ সমস্ত বিভাগের পড়ুয়াদের জন্য

BNG-AECC-1-1-TH

Faculty: Dr. Anjana Brahma (AB), Dr. Anunoy Chaterjee (AC) Dr. Putul Chakraborty (PC), Sripati Pramanik (SP) & Anamika Roy (AR)

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	Topic	Month
Module I প্রবন্ধ	স্বদেশী সমাজ - রবীন্দ্রনাথ ঠাকুর বাঙ্গালা ভাষা – স্বামী বিবেকানন্দ স্ত্রী জাতির অবনতি - বেগম রোকেয়া অপবিজ্ঞান – রাজশেখর বসু	Nov-Feb
Module II ছোটগল্প	রবীন্দ্রনাথ ঠাকুর লিখিত ছুটি, জীবিত ও মৃত, পোস্টমাস্টার, বলাই	Nov-Feb
Module III কবিতা	নৈবেদ্য - রবীন্দ্রনাথ ঠাকুর	Nov-Feb
Module IV পরিভাষা	পরিভাষা	Jan-Feb
	B.A.- PC, SP. B.Sc.- AB. B.Com.- AC, AR.	

B.A. BENGALI (Honours)

Part- II

Faculty: Dr. Anjana Brahma (AB), Anunoy Chaterjee (AC) , Dr. Putul Chakraborty (PC), Sripati Pramanik (SP), Anamika Roy (AR)

Paper	Module	Topic	Faculty	Month
3	I	কথা সাহিত্যের রূপভেদ	AR	July-Jan
	II	চন্দ্রশেখর	AC	July-Jan
	III	শ্রীকান্ত (১ম পর্ব)	PC	July-Jan
	IV	শেষের কবিতা	AB	July-Jan
	V	হাঁসুলী বাঁকের উপকথা	SP	July-Jan
4	I	নাটকের রূপভেদ	AR	July-Jan
	II	বঙ্গরঙ্গমঞ্চের ইতিহাস	PC	July-Jan
	III	একেই কি বলে সভ্যতা ও বুড় সালিকের ঘাড়ে রোঁ	PC	July-Jan
	IV	মুক্তধারা	AB	July-Jan
	V	টিনের তলোয়ার	AC	July-Jan

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Part- III

Faculty: Dr. Anjana Brahma (AB), Dr. Anunoy Chaterjee (AC) , Dr. Putul Chakraborty (PC), Sripati Pramanik (SP), Anamika Roy (AR)

Paper	Module	Topic	Faculty	Month
5	I	কাব্যের রূপভেদ	AR	Aug-Jan
	II	বীরাঙ্গনা	AR	Aug-Jan
	III	সোনার তরী	AB	Aug-Jan
	IV	সঞ্চিতা	PC	Aug-Jan
	V	একালের কবিতা সঞ্চয়ন	AB	Aug-Jan
	VI	কাব্যশৈলী	AC	Aug-Jan
6	I	পুতুল নাচের ইতিকথা	SP	Aug-Jan
	II	অরণ্যের অধিকার	AC	Aug-Jan
	III	রবীন্দ্রনাথ ঠাকুরের ছোটগল্প	AB	Aug-Jan
	IV	স্বাধীনতা পূর্ববর্তী বাংলা ছোটগল্প	PC	Aug-Jan
	V	স্বাধীনতা পরবর্তী বাংলা ছোটগল্প	AC	Aug-Jan
7	I	প্রবন্ধ নিবন্ধের রূপভেদ	AR	Aug-Jan
	II	কমালাকান্তের দপ্তর	SP	Aug-Jan
	III	ছিন্নপত্র	AB	Aug-Jan
	IV	একালের প্রবন্ধ সঞ্চয়ন	AC	Aug-Jan
	V	একালের সমালোচনা সঞ্চয়ন	AC	Aug-Jan
	VI	প্রবন্ধ রচনা	SP	Aug-Jan
8	I	সংস্কৃত সাহিত্যের ইতিহাস	PC	Aug-Jan
	II	ইংরেজি সাহিত্যের ইতিহাস	AR	Aug-Jan
	III	প্রতিবেশী সাহিত্যের ইতিহাস	PC	Aug-Jan

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	IV	কাব্য জিজ্ঞাসা	AB	Aug-Jan
	V	সাহিত্য-রবীন্দ্রনাথ ঠাকুর	AB	Aug-Jan

B.A. BENGALI (General)

Part- II

Faculty: Dr. Anjana Brahma (AB), Anunoy Chaterjee (AC) , Dr. Putul Chakraborty (PC), Sripati Pramanik (SP), Anamika Roy (AR)

Paper	Module	Topic	Faculty	July-Jan
2	I	বৈষ্ণব পদাবলী	AR	July-Jan
	II	মেঘনাদবধ কাব্য	AR	July-Jan
	III	পুনশ্চ	PC	July-Jan
	IV	একালের কবিতা সঞ্চয়ন	AC	July-Jan
	V	ছন্দ	PC	July-Jan
3	I	প্রবন্ধ	AC	July-Jan
	II	রাজা ও রাণী	AB	July-Jan
	III	একালের ছোটগল্প সঞ্চয়ন	PC	July-Jan
	IV	কপালকুন্ডলা	AR	July-Jan
	V	পল্লীসমাজ	SP	July-Jan

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Part- III

Faculty: Dr. Anjana Brahma (AB), Dr. Anunoy Chaterjee (AC) , Dr. Putul Chakraborty (PC), Sripati Pramanik (SP), Anamika Roy (AR)

Paper	Module	Topic	Faculty	Month
4	I	পরিভাষা	AR	Aug-Jan
	II	প্রুফ সংশোধন	SP	Aug-Jan
	III	প্রবন্ধ রচনা	AR	Aug-Jan
	IV	অনুবাদ	AR	Aug-Jan
	V	ভাষাতত্ত্ব	AR	Aug-Jan
	VI	IPA	AR	Aug-Jan
	VII	সাক্ষাৎকার	AR	Aug-Jan
	VII	বিজ্ঞাপন/পত্র লিখন	AR	Aug-Jan

* *This is a tentative distribution for successful completion of the syllabus. The Department, although has responsibility towards the successful completion of the syllabus, however, holds that the distribution of Month and syllabus is subjected to modification under unavoidable circumstances within the bounded time-frame.*

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DEPARTMENT OF COMMERCE

PROGRAMME BACHELOR OF COMMERCE (CBCS)

ACADEMIC PLAN

SESSION 2018-19

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SEMESTER-I (HONS)

SEM-I (H)-2020-2021					
YEAR	**PAPER**	**UNIT**	**TOPIC**	**TEACHER**	**MONTH**
1ST	FINANCIAL ACCOUNTING –I	1	Introduction	SM	DEC
	CC 1.1 Ch	2	Concepts for determination of business income	RS	DEC
		3	Introduction to Accounting Standard	SM	DEC
			Introduction to Accounting Theory	RS	DEC
		4	Final accounts of Trading Concern	SM	JAN
		5	Financial statements from Incomplete records and of NPO	SM	FEB
		6	Accounting for special sales transaction	RS	JAN
			Sectional and Self balancing ledger	RS	FEB
			Insurance claim for loss of stock and for loss of profit	RS	FEB
			Internal Assessment		MAR
			C U Examination		MAR
SEM-I (H) 2020-2021	Business Laws	1	The Indian Contract Act, 1872	BP	DEC-JAN
YEAR	CC 1.1 Chg	2	The Sale of Goods Act, 1930	SS	DEC
1ST		3	Partnership Laws	BP	JAN
			The Limited Liability Partnership Act, 2008	BP	FEB
		4	The Negotiable Instruments Act 1881	SS	JAN
		5	Consumers Protection Act, 1986	BP	FEB
			Internal Assessment		MAR
			C U Examination		MAR
SEM-I (H) 2020-2021					
YEAR	Principles of Management	1	Introduction	BP	DEC
1ST	CC 1.2 Chg	2	Planning	RP	DEC-JAN
		3	Organizing	BP	JAN
		4	Directing and Staffing	BP	FEB
		5	Motivation, Co-ordination and Control	RP	FEB
			Internal Assessment		MAR

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			C U Examination		MAR
	Statistics				
	CC1.1Chg	1	Fundamental of Statistics	AA	Dec
		2	Measures of Central Tendency	AA	DEC-JAN
		3	Measures of Dispersion	AA	JAN
		4	Moments, Skewness and Kurtosis	AA	FEB
		5	Interpolation	AA	FEB
			Internal Assessment		MAR
			C U Examination		MAR
	Economics				
1ST		1	Demand & Consumer Behaviour	SKG	Dec-Jan
		2	Production & Cost	SG	Dec
		3	Perfect Competition	SKG	Jan-Feb
			Internal Assessment		MAR
			C U Examination		MAR

SEMESTER-I (GEN)

SEM-I (G)-2020-2021					
YEAR	PAPER	UNIT	TOPIC	TEACHER	MONTH
1ST	FINANCIAL ACCOUNTING –I	1	Introduction	RP	DEC
	CC 1.1 Ch	2	Concepts for determination of business income	RS	DEC
		3	Introduction to Accounting Standard	RP	DEC
			Introduction to Accounting Theory	RS	DEC
		4	Final accounts of Trading Concern	RP	JAN
		5	Financial statements from Incomplete records and of NPO	RP	FEB
		6	Accounting for special sales transaction	RS	JAN
			Sectional and Self balancing ledger	RS	FEB
			Insurance claim for loss of stock and for loss of profit	RS	FEB
			Internal Assessment		MAR
			C U Examination		MAR
SEM-I (G) 2020-2021	Business Laws	1	The Indian Contract Act, 1872	BP	DEC-JAN
YEAR	CC 1.1 Chg	2	The Sale of Goods Act, 1930	SS	DEC
1ST		3	Partnership Laws	BP	JAN

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			The Limited Liability Partnership Act, 2008	BP	FEB
		4	The Negotiable Instruments Act 1881	SS	JAN
		5	Consumers Protection Act, 1986	BP	FEB
			Internal Assessment		MAR
			C U Examination		MAR
SEM-I (G) 2020-2021					
	Principles of Management	1	Introduction	BP	DEC
YEAR	CC 1.2 Chg	2	Planning	RS	DEC-JAN
1ST		3	Organizing	BP	JAN
		4	Directing and Staffing	BP	FEB
		5	Motivation, Co-ordination and Control	RS	FEB
			Internal Assessment		MAR
			C U Examination		MAR
	Statistics				
	CC1.1Chg	1	Fundamental of Statistics	AA	Dec
		2	Measures of Central Tendency	AA	DEC-JAN
		3	Measures of Dispersion	AA	JAN
		4	Moments, Skewness and Kurtosis	AA	FEB
		5	Interpolation	AA	FEB
			Internal Assessment		MAR
			C U Examination		MAR
	Economics				
			Demand & Consumer Behaviour	SKG	Dec-Jan
			Production & Cost	SG	Dec
			Perfect Competition	SKG	Jan-Feb
			Internal Assessment		MAR
			C U Examination		MAR

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SEMESTER-II(HONS)

YEAR	PAPER	UNIT	TOPIC	TEACHER	MONTH
	E-COMMERCE	1	Introduction	AS	Apr
		2	E-CRM and SCM	RP	Apr
		3	Digital Payment	AS	May
		4	ERP	RP	May-June
		5	New Trends in E-Commerce	AS	June
	GE 2.1 Chg		Internal Assessment		July
			C U Examination		July
1ST	B Communication	1	Introduction	SM	Apr
		2	Types of Communication	SM	May
		3	Tools of Communication	SM	Jun
		4	Drafting	SS	Apr-June
			Internal Assessment		July
			C U Examination		July
1ST	Company Law	1	Introduction To Company Law	BP	Apr
		2	FORMATION OF A COMPANY[	BP	Apr
		3	COMPANY ADMINISTRATION[	BP	May
		4	SHARE CAPITAL & DEBENTURE[	BP	May
		5	CORPORATE MEETINGS	BP	June
	CC2.1 Chg		Internal Assessment		July
			C U Examination		July
1ST	Marketing Management	1	Introduction	BP	Apr
		2	Consumer Behavior and Market segmentation:	RP	Apr
		3	Product:	BP	May
		4	Pricing, Distribution Channels and Physical Distribution	RP	May
		5	Promotion and Recent developments in marketing:	BP	June
		CC 2.2 Chg	Internal Assessment		July
		M-I	C U Examination		July
1ST	Human Resource Management	1	Nature and Scope	RS	Apr
		2	Human Resource Planning	RP	Apr
		3	Recruitment and Selection	RS	May
		4	Training and Development	RS	May
		5	Job Evaluation and Performance Appraisal	RP	June
		CC 2.2 Chg	Internal Assessment		July
		M-II	C U Examination		July

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1ST	COST AND MANAGEMENT ACCOUNTING – I	1	Introduction Definition, Cost concepts, terms and classification of costs: Cost. Costing Methods and Techniques	RS	Apr
		2	Material Costs :Purchase of materials: Storage of materials: Materials control: Methods of Pricing Material Issues: Treatment of Normal and Abnormal Loss of Materials	SM	Apr
		3	Employee Cost and Incentive Systems	RS	May
		4	Overhead and Cost Statement		July
		5	Cost Book Keeping :Non-Integrated System: Reconciliation:	RP	June
		6	Costing Method :Job Costing ,Contract Costing ,Service Costing and Output Costing-Process Costing:	SS	June
			Internal Assessment		July
			C U Examination		July

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SEMESTER-II(GEN)

YEAR	PAPER	UNIT	TOPIC	TEACHER	MONTH
1ST	E-COMMERCE	1	Introduction	AS	Apr
		2	E-CRM and SCM	RP	Apr
		3	Digital Payment	AS	May
		4	ERP	RP	May-June
		5	New Trends in E-Commerce	AS	June
	GE 2.1 Chg		Internal Assessment		July
			C U Examination		July
1ST	B Communication	1	Introduction	SM	Apr
		2	Types of Communication	SM	May
		3	Tools of Communication	SM	Jun
		4	Drafting	SS	Apr-June
			Internal Assessment		July
			C U Examination		July
1ST	Company Law	1	Introduction To Company Law	BP	Apr
		2	FORMATION OF A COMPANY[	BP	Apr
		3	COMPANY ADMINISTRATION[	BP	May
		4	SHARE CAPITAL & DEBENTURE[	BP	May
		5	CORPORATE MEETINGS	BP	June
	CC2.1 Chg		Internal Assessment		July
			C U Examination		July
1ST	Marketing Management	1	Introduction	BP	Apr
		2	Consumer Behaviour and Market segmentation:	RP	Apr
		3	Product:	BP	May
		4	Pricing, Distribution Channels and Physical Distribution	RP	May
		5	Promotion and Recent developments in marketing:	BP	June
		CC 2.2 Chg	Internal Assessment		July
		M-I	C U Examination		July
1ST	Human Resource Management	1	Nature and Scope	RS	Apr
		2	Human Resource Planning	RP	Apr
		3	Recruitment and Selection	RS	May
		4	Training and Development	RS	May
		5	Job Evaluation and Performance Appraisal	RP	June
		CC 2.2 Chg	Internal Assessment		July
		M-II	C U Examination		July
1ST	COST AND MANAGEMENT ACCOUNTING	1	Introduction Definition, Cost concepts, terms and classification of costs: Cost. Costing Methods and Techniques	RP	Apr

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	– I	2	Material Costs :Purchase of materials: Storage of materials: Materials control: Methods of Pricing Material Issues: Treatment of Normal and Abnormal Loss of Materials	SS	Apr
		3	Employee Cost and Incentive Systems	RP	May
		4	Overhead and Cost Statement	SM	May
		5	Cost Book Keeping :Non-Integrated System: Reconciliation:	RS	June
		6	Costing Method :Job Costing ,Contract Costing ,Service Costing and Output Costing-Process Costing:	SM	June
		CC 2.1Ch	Internal Assessment		July
			C U Examination		July

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SEMESTER-III (HONS)

SEM-III (H)-2020-2021					
YEAR	PAPER	UNIT	TOPIC	TEACHER	MONTH
2ND	Financial Accounting II	1	Partnership accounts-I	RS	AUG-SEPT
	CC3.1 Ch	2	Partnership accounts-II	RS	NOV-DEC
		3	Branch accounting	SM	AUG
			Hire purchase and Installment payment system	SM	SEPT
		4	Departmental accounts	RS	FEB
		5	Investment Accounts	SM	NOV-DEC
		6	Business Acquisition and Conversion of partnership into limited company	SM	JAN-FEB
			Internal Assessment		MAR
			C U Examination		MAR

SEM-III (H)	Indian Financial System	1	Financial System and Its Components	SM	AUG-SEPT
YEAR	CC3.2 Ch	2	Financial Markets	RP	AUG-SEPT
2ND			Money Market	RP	NOV-DEC
			Capital Market:	RP	JAN-FEB
		3	Financial Institutions	SM	NOV
		4	Financial Services	SM	DEC
		5	Investors' Protection	SM	JAN-FEB
			Internal Assessment		MAR
			C U Examination		MAR

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SEM-III (H)	Statistics	1	Correlation and Association	AA	AUG
YEAR	GE 3.3 Chg	2	Regression Analysis	AA	SEPT
2ND		3	Index Numbers	AA	NOV
		4	Time Series Analysis	AA	DEC
		5	Probability Theory	AA	JAN-FEB
			Internal Assessment		MAR
			C U Examination		MAR

SEMSTER-3(GEN)

SEM-III (G)-2020-2021					
YEAR	PAPER	UNIT	TOPIC	TEACHER	MONTH
2ND	Financial Accounting II	1	Partnership accounts-I	SS	AUG-SEPT
	CC3.1 Ch	2	Partnership accounts-II	SS	NOV-DEC
		3	Branch accounting	BP	AUG
			Hire purchase and Installment payment system	BP	SEPT
		4	Departmental accounts	BP	FEB
		5	Investment Accounts	SS	NOV-DEC
		6	Business Acquisition and Conversion of partnership into limited company	SS	JAN-FEB
			Internal Assessment		MAR
			C U Examination		MAR

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SEM-III (G)	Statistics (Module-II)	1	Correlation and Association	AA	AUG
YEAR	GE 3.3 Chg	2	Regression Analysis	AA	SEPT
2ND		3	Index Numbers	AA	NOV
		4	Time Series Analysis	AA	DEC
		5	Probability Theory	AA	JAN-FEB
			Internal Assessment		MAR
			C U Examination		MAR

PART-3(HONS)

PART-3 (H)					
YEAR	PAPER	UNIT	TOPIC	TEACHER	MONTH
3ND	FINANCIAL ACCOUNTING – III	1	Investment Accounts	RP	AUG
	Paper 3.1 HA	2	Business Acquisition and Conversion of partnership into limited company	SM	SEPT-NOV
		3	Company Merger And Reconstruction	SM	DEC--JAN
		4	Valuation	RP	SEPT
		5	Holding Company	RP	NOV-DEC
		6	Introduction to Accounting Theory	SM	AUG
		7	Introduction to Financial Statements	SM	FEB
		8	Accounting Ratios for FSA	SM	MAR-APR
		9	Fund Flow Statement	RP	JAN-FEB
		10	Cash Flow Statement	RP	MAR-APR
			MID TERM EXAMINATION		NOV
			TEST EXAMINATION		APR
			C U Examination		JUNE
3ND	Indian Financial System and Financial Market Operations	1	Financial System	MC	AUG
	PAPER 3.3 HA	2	Money and Indian Banking System	MC	SEPT-NOV
		3	Development Banks	SJM	DEC--JAN
		4	Other Financial Institutions	SJM	SEPT
		5	Interest Rate Structure	MC	NOV-DEC
		6	An overview of financial markets in India	SJM	AUG
		7	Money Market:	MC	FEB
		8	Capital Market	SJM	MAR-APR
		9	Investors' Protection	SJM	JAN-FEB
		10	Financial Services	MC	MAR-APR
			MID TERM EXAMINATION		NOV
			TEST EXAMINATION		APR
			C U Examination		JUNE
3ND	FINANCIAL MANAGEMENT	1	Introduction	SS	AUG

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	Paper 3.4 HA	2	Basic Concepts	RS	SEPT-NOV
		3	Sources of Finance and Cost of Capital	RS	DEC--JAN
		4	Leverage and Capital Structure Theories	SS	SEPT
		5	Working Capital Management (1)	RS	NOV-DEC
		6	Working Capital Management (2)	RS	AUG
		7	Capital Expenditure Decisions (1)	SS	FEB
		8	Capital Expenditure Decisions (2)	SS	MAR-APR
		9	Dividend Decisions	RS	JAN-FEB
		10	Financial Control	SS	MAR-APR
			MID TERM EXAMINATION		NOV
			TEST EXAMINATION		APR
			C U EXAMINATION		JUNE
3ND	Project Work (Project Report - 50 + Viva-Voce Examination - 50) Paper 3.5		Project Report Related work/Class	SM,RP,RS, SS,MC	AUG-APR

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SEMESTER-IV(GEN)

(G)					
YEAR	PAPER	UNIT	TOPIC	TEACHER	MONTH
2ND	TAXATION-I	1a	Basic Concepts and Definitions under IT Act	SS	Apr
	CC 4.1 Ch	b	Residential Status and Incidence of Tax	SS	Apr
		c	Incomes which do not form part of Total Income,	SS	Apr
			Except sections 10A, 10AA, 10B, 10BA& Agricultural Income	SS	Apr
		2	Heads of Income and Provisions governing Heads of Income	SS	May
		a	Income from salary	RP	Apr
		b	Income from house prorety	RP	May
		3	Heads of Income and Provisions governing Heads of Income		
		a	Profits and Gains of Business and Profession	RP	June
		b	Capital Gains	RP	June
		c	Income from Other Sources	SS	May
		4a	Income of other Persons included in Assessee's Total Income		
		b	Set off and Carry Forward of Losses	SS	June
		c	Deductions from Gross Total Income	RP	May
		d	Rebate u/s 87A	SS	June
			Internal Assessment		July
			C U Examination		July
2ND	COST & MGT	1	Joint Prdouct & by product	SM	Apr
	CC 4.2 Ch	2	Activity Based Costing	RS	May
		3	Budget and Budgetary Control;	RS	Jun
		4	Standard Costing;	RS	Apr
		5	CVP Analysis ,Marginal Costing and Management Decisions	SM	May
		6	Short-term Decision Making	SM	Jun
			Internal Assessment		July
			C U Examination		July
2ND	EDB	1	Introduction:	BP	Apr
	CC 4.1 Chg	2	Public and private system of stimulation, support and sustainability of entrepreneurship. Requirement, availability and access to finance, marketing assistance, technology, industrial accommodation, Role of industries/entrepreneur's associations and self-help groups, The concept, role and functions of business incubators, angel investors, venture and capital and private equity fund.	BP	Apr

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		3	Sources of business ideas and tests of feasibility. Significance of writing the business plan/project proposal; Contents of business plan/ project proposal; Designing business processes,location, layout, operation, planning & control; preparation of project report	BP	May
		4	Mobilizing Resources - Mobilizing resources for start-up. Accommodation and utilities;Preliminary contracts with the vendors, suppliers, bankers, principal customers; Basic startup problems;	BP	Jun
			Internal Assessment		Jul
			C U Examination		Jul
2ND	Business Ethics	1	Introduction – Meaning - Scope – Types of Ethics – features – Factors influencing Business Ethics – significance of Business Ethics - Arguments for and against business ethics- Basics of business ethics - Corporate Social Responsibility and Business Ethics	BP	Apr
	CC 4.1 Chg	2	Principles of Business Ethics Introduction – Meaning – Element – Ethics, Morale, Business ethics, Ethical dilemma [basic idea, features and significance of each of element]	BP	Apr
		3	Ethics in Management Introduction – Ethics in HRM – Ethics in Marketing — Ethics in Accounting and finance -Work place Ethics - Value and Ethics.	BP	May
		4	Meaning – Role – Functions – Impact of Corporate Culture – Globalization and cross culture issues in ethics, Corporate Code of ethics	BP	Jun
		5	Ethics & Corporate Governance Concept of Corporate Governance, Scope, Reports on Corporate Governance and its benefits and limitations-- Corporate Governance and Business Ethics [Brief Concept]	BP	Jun
			Internal Assessment		JULY
			C U Examination		JULY

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SEMESTER-IV(GEN)

SEM-IV (G)					
YEAR	PAPER	UNIT	TOPIC	TEACHER	MONTH
2ND	TAXATION-I	1a	Basic Concepts and Definitions under IT Act	SS	Apr
	CC 4.1 Ch	b	Residential Status and Incidence of Tax	SS	Apr
		c	Incomes which do not form part of Total Income,	SS	Apr
			Except sections 10A, 10AA, 10B, 10BA& Agricultural Income	SS	Apr
		2	Heads of Income and Provisions governing Heads of Income	SS	May
		a	Income from salary	RP	Apr
		b	Income from house prorety	RP	May
		3	Heads of Income and Provisions governing Heads of Income		
		a	Profits and Gains of Business and Profession	RP	June
		b	Capital Gains	RP	June
		c	Income from Other Sources	SS	May
		4a	Income of other Persons included in Assessee's Total Income		
		b	Set off and Carry Forward of Losses	SS	June
		c	Deductions from Gross Total Income	RP	May
		d	Rebate u/s 87A	SS	June
			Internal Assessment		July
			C U Examination		July
2ND	COST & MGT	1	Joint Prdouct & by product	SM	Apr
	CC 4.2 Ch	2	Activity Based Costing	RS	May
		3	Budget and Budgetary Control;	RS	Jun
		4	Standard Costing;	RS	Apr
		5	CVP Analysis ,Marginal Costing and Management Decisions	SM	May
		6	Short-term Decision Making	SM	Jun
			Internal Assessment		July
			C U Examination		July
2ND	EDB	1	Introduction:	BP	Apr
	CC 4.1 Chg	2	Public and private system of stimulation, support and sustainability of entrepreneurship. Requirement, availability and access to finance, marketing assistance, technology, industrial accommodation, Role of industries/entrepreneur's associations and self-help groups, The concept, role and functions of business incubators, angel investors, venture and capital and private equity fund.	BP	Apr

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		3	Sources of business ideas and tests of feasibility. Significance of writing the business plan/project proposal; Contents of business plan/ project proposal; Designing business processes,location, layout, operation, planning & control; preparation of project report	BP	May
		4	Mobilizing Resources - Mobilizing resources for start-up. Accommodation and utilities;Preliminary contracts with the vendors, suppliers, bankers, principal customers; Basic startup problems;	BP	Jun
			Internal Assessment		Jul
			C U Examination		Jul
2ND	Business Ethics	1	Introduction – Meaning - Scope – Types of Ethics – features – Factors influencing Business Ethics – significance of Business Ethics - Arguments for and against business ethics- Basics of business ethics - Corporate Social Responsibility and Business Ethics	BP	Apr
	CC 4.1 Chg	2	Principles of Business Ethics Introduction – Meaning – Element – Ethics, Morale, Business ethics, Ethical dilemma [basic idea, features and significance of each of element]	BP	Apr
		3	Ethics in Management Introduction – Ethics in HRM – Ethics in Marketing — Ethics in Accounting and finance -Work place Ethics - Value and Ethics.	BP	May
		4	Meaning – Role – Functions – Impact of Corporate Culture – Globalization and cross culture issues in ethics, Corporate Code of ethics	BP	Jun
		5	Ethics & Corporate Governance Concept of Corporate Governance, Scope, Reports on Corporate Governance and its benefits and limitations-- Corporate Governance and Business Ethics [Brief Concept]	BP	Jun
			Internal Assessment		JULY
			C U Examination		JULY

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K.K.DAS COLLEGE
B.SC COMPUTER SCIENCE (GENERAL)
2018-2019

ACADEMIC PLAN 2018-19

	Name Of the paper	Paper	No.of Module	Topic/Unit	Name of the teacher	Month
1	Computer Science(General) **Semester I**	1(Theoretical)	1	General Concepts Introduction, computer hardware & software, evolution, Generations of programming languages, Virus, Multimedia, Object Oriented Paradigm.	RP	July - November
1			2	Digital logic Design Number System, Combinational Logic.	RP	July - September
1			3	Sequential Logic.	RP	October Novemb er
1				**INTERNAL ASSESSMENT**		
1		1(Practical)	1	Word processing, Document Preparation & Presentation and Spreadsheet.	MKB	August Novemb er
1			2	Web designing by HTML.	PP	August October
1			3	Projects using HTML	PP	Novemb er
				INTERNAL ASSESSMENT		
2	**Semester II**	**2(Theoretical)**	**1**	Introduction: Algorithms, ADT.	RP	January
			2	Arrays: One dimensional and	PP	January

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				Two Dimensional Arrays, Row Major and Column Major Forms.		
			3	Linked List: Singly and Doubly Linked List; Operations like Insertion, Deletion. Searching.	PP	February
			4	Stacks and Queues: Concepts of Stack and Queue; Insertion and Deletion of Elements;	RP	February
			5	Array and Linked Representation: Prefix, Infix and Postfix Notation; Postfix Expression Evaluation, Infix to Postfix.	RP	March
			6	Searching: Algorithms of Sequential, Binary Search Techniques.	PP	March
			7	Sorting: Bubble Sort, Selection Sort, Insertion Sort, Quick Sort, Merge Sort, Heap Sort.	RP	April
				INTERNAL ASSESSMENT		
		2 (Practical)	**1**	Basic Structure: Character set, keywords, identifiers, constants, variables and type declaration. Sample programs, preprocessor. Operators: Arithmetic, Relational, Logical, Assignment, Increment and Decrement, Conditional, comma; operator precedence and associativity; arithmetic expression-evaluation and type conversion. Character I/O, Escape sequence and formatted I/O.	MKB	Jan - Feb

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				Branching and Looping: if, if-else, while, do-while, for. Arrays: One-dimensional and 2-dimensional. Different types of uses. String handling with arrays – read and write, concatenation, comparison, string functions. User defined functions: Need; Call by Reference and Call by value; return values and types; nesting of functions; recursion. Structures: Initialization; arrays of a structure, arrays within structures, structure within structure, size of structures, Dynamic Storage Allocation.	MKB	Feb - Mar
				Pointers: Declaration and initialization; operators; pointer arithmetic; accessing variables, pointer & arrays, strings, functions, Linked lists, concepts and use in C with different examples. File handling: Opening & Closing, I/O. Other Features: Bit level operations, macro definitions, union, command line arguments	MKB	Mar - Apr
				INTERNAL ASSESSMENT		

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2	**2ND YEAR**	3(Theoretical)	1	Algorithms & Data Structure Algorithms and Problem Solving.	RP	August
2			2	Data Structures, Linear Structures (concept and implementation).	RP	September
2			3	Non-linear structures	RP	October
2			4	Sorting and Searching	RP	November
2			5	Software Engineering	MKB	August - February
2			6	Database Management System Overview, Data Models.	RP	December
2			7	Relational Model, Relational Data Design.	RP	January
2			8	Query Language SQL	RP	February
2				**INTERNAL ASSESSMENT**		
2		4(Practical)	1	Word processing, Document Preparation & Presentation and Spreadsheet.	MKB	August February
2			2	Programming in C – Basic Structure, Operators Control Structure, Loop Structure.	RP	September
2			3	Arrays, String handling.	RP	October
2				**INTERNAL ASSESSMENT**		

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2			4	User defined functions, Structures.	RP	November
2			5	Pointers	RP	December
2			6	Database Design and Applications SQL: creation and modification of databases, insert, delete.	PP	August - December
2			7	Update operations. creating, view, queries. nested queries, aggregate function.	PP	January
2			8	Validation: Correctness, Integrity.	PP	February
2				**INTERNAL ASSESSMENT**		
3	**3RD YEAR**	5(Theoretical)	1	Communication and Computer Networks - Communication Concepts.	RP	August
3			2	Transmission media Audio and Video communication systems.	RP	September
3			3	Computer Networks	RP	October
3			4	Architecture, LAN	RP	November
3			5	E-mail: Architecture and services.	RP	December
3				**INTERNAL ASSESSMENT**		
3		6(Practical)	1	Unix / Linux and Shell Programming Files & Directories	MKB	August November
3			2	Shell Programming	MK	Dece

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					B	mber Febru ary
3			3	Programming in Visual Basic Basic Features	PP	August October
3			4	ODBC driver	PP	Novembe r
3			5	MFC based multimedia applications	PP	Decem ber - Februa ry
3				**INTERNAL ASSESSMENT**		

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ACADEMIC PLAN 2018-19

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Semester- I

Economics Core Course-I: ECO-A-CC-1-1-TH-TU
Introductory Microeconomics

Faculty: MadhurimaKoley (M.K) & DeeproMajumder (D.M)

Srl No.	Topic	Faculty	No. of lecture	Month
1	**Exploring the subject matter of Economics**	M.K	10	July-Aug
2	**Demand and Supply: How Markets Work**	M.K	10	Aug-Sept
3	**Market and Adjustments**	M.K	10	Sept-Oct
4	**Market Sensitivity and Elasticity**	M.K	12	Oct-Nov
5	**Government Intervention**	M.K	8	Nov- Dec
6	**Utilitarian Approach**	D.M	25	July-Sept

Economics Core Course II: ECO-A-CC-1-2-TH-TU
Mathematical Methods in Economics-I

Faculty: Shumonika Gangoly (S.G) & Sayan Kumar Gupta (S.K.G)

Srl No.	**Topic**	Faculty	No. of lecture	Month
1	**Preliminaries**	S.G	10	July- August
2	**Functions of one real variable**	S.G	10	August-September
3	**Single variable optimization**	S.G	10	November
4	**Integration of functions**	S.K.G	10	November
5	**Matrix Algebra**	S.K.G	20	July-August
6	**Game Theory**	S.K.G	15	August-September

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Semester- II

Economics Core Course III: ECO-A-CC-2-3-TH-TU
Introductory Macroeconomics

Faculty: MadhurimaKoley (M.K) &DeeproMajumder (D.M)

Srl No.	**Topic**	Faculty	No. of lecture	Month
1	**National Income Accounting**	M.K	20	Jan-Mar
2	**Income Determination in the Short Run (Part-I) :The Simple Keynesian Model in a ClosedEconomy**	D.M	18	Jan-Mar
3	**The Classical system**	D.M	18	March-May
4	**Macroeconomic Foundations –I**	M.K	19	March-May

Economics Core Course IV: ECO-A-CC-2-4-TH-TU
Mathematical Methods in Economics-II

Faculty: ShumonikaGungoly (S.G) &Sayan Kumar Gupta (S.K.G)

Srl No.	Topic	Faculty	No. of lecture	Month
1	**Function of several variables**	S.K.G	14	January-March
2	**Multi-variable optimization**	S.G & S.K.G	35	Jan-Mar& May
3	**Difference Equations**	S.G	12	April- May
4	**Differential Equations**	S.K.G & S.G	14	March- April & May

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SECOND YEAR HONOURS (1+1+1) SYSTEM [ECOA]						
Year	**Name of the paper**	**Paper**	**No.of Module**	**Topic**	**Teacher**	**Month** ☐
2	Microeconomics	3A	Mod 1	Assumptions on preference ordering, indifference curve, marginal rate of substitution and convexity of IC, budget constraint, consumers' equilibrium – interior and corner, Derivation of Demand Curves from ICs, composite good convention. Application: Cash subsidy versus subsidy in kind.	SG	Aug.
2	Microeconomics	3A	Mod 2	Income and price consumption curves Price effect - substitution effect (Hicks and Slutsky), inferior goods and Giffen goods, income effect, ordinary and Compensated demand curves.	SG	Aug. / Sep.
2	Microeconomics	3A	Mod 3	Inter-temporal choice (saving and borrowing).	SG	Sep.
2	Microeconomics	3A		Revealed preference.		
2	Microeconomics	3A	Mod 4	Choice under uncertainty- utility function and expected utility, risk aversion and risk preference	SG	Sep.
2	Microeconomics	3A	Mod 5	Technology, Production Functions and Isoquants, short run and long run, production with one and two variable inputs, total average and marginal products, law of diminishing return, marginal rate of technical substitution, Elasticity of substitution, economics of scale.	SG	Oct. / Nov.
2	Microeconomics	3A	Mod 6	Types of production functions- Cobb- Douglas, fixed-coefficient and CES functions.	SG	Nov.
2	Microeconomics	3A	Mod 7	Cost structure-implicit cost, explicit cost, accounting cost, sunk cost, Economic cost, fixed cost, variable cost, total, average and marginal cost. Determinants of Short run cost, Cost Curves, cost minimization and Expansion path, Short run versus long run cost curves, economies of scope.	SG	Dec.
2	Microeconomics	3A	Mod 8	Organization, Firms and Profit Maximization.	SG	Dec.

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SECOND YEAR HONOURS (1+1+1) SYSTEM [ECOA]						
Year	**Name of the paper**	**Paper**	**No.of Module**	**Topic**	**Teacher**	**Month** ☐
2	Microeconomics	3A		Marginal Revenue, Marginal Cost and Profit Maximization. RN		
2	Microeconomics	3A	Mod 9	Perfect competition- short run competitive equilibrium of the firm, short run supply curve of firm and industry, Output choice and competitive equilibrium in long run, Economic rent and profit, long-run industry supply – constant, increasing and decreasing cost.	SG	Aug.
2	Microeconomics	3A	Mod 10	Efficiency of competitive equilibrium, Government intervention and dead weight loss, Application – Minimum prices and price supports .	SG	Sep.
2	Microeconomics	3A	Mod 11	Monopoly and barriers to entry – output determination and price rule, measure and sources of monopoly power, social costs of monopoly power – deadweight loss.	SG	Sep.
2	Microeconomics	3A	Mod 12	Pricing with market power – first, second and third degree price discrimination.	SG	Oct.
2	Microeconomics	3A		Monopolistic competition – short run and long run equilibrium, excess capacity.	SG	Nov.
2	Microeconomics	3A	Mod 13	Oligopoly – Oligopoly equilibrium as Nash equilibrium, Cournot and Stackelberg Model, Competition versus collusion – the Prisoners' Dilemma.	SKG	Nov. / Dec.
2	Microeconomics	3A	Mod 14	Basic concepts-derived demand, productivity of an input, marginal product of an input, marginal revenue product.	SG	Dec.
2	Microeconomics	3A		Marginal productivity theory of distribution.		
2	Microeconomics	3A	Mod 15	Labor market-supply of labor, competitive labor markets, monopsony, collective bargaining	SG	Jan.
2	Microeconomics	3A		Land markets and rent.		
2	Microeconomics	3A	Mod 16	General Equilibrium and Economic Efficiency - Exchange, production and welfare.	SG	Jan.

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SECOND YEAR HONOURS (1+1+1) SYSTEM [ECOA]						
Year	**Name of the paper**	**Paper**	**No.of Module**	**Topic**	**Teacher**	**Month** ☐
2	Microeconomics	3A	Mod 17	Reasons for Market Failure	SKG	Feb.
2	Microeconomics	3A		Markets with asymmetric information- adverse selection, moral hazards,agency problems (concepts only).		
2	Macroeconomics	3B	Mod 18	The classical analysis of the real sector- determination of employment, income and interest rate.	DM	Aug.
2	Macroeconomics	3B		Job Loss, Job finding and Natural Rate of Unemployment.		
2	Macroeconomics	3B	Mod 19	Money and Inflation - quantity theory of money, seigniorage and inflation tax, inflation and interest rates, nominal interest rate and demand for money.	DM	Aug.
2	Macroeconomics	3B	Mod 20	Simple Keynesian analysis of aggregate demand without and with the government sector, multiplier .	MK	Aug. / Sep.
2	Macroeconomics	3B	Mod 21	IS-LM, fiscal and monetary policy.	MK	Sep.
				IS-LM and Aggregate Demand		
2	Macroeconomics	3B	Mod 22	Aggregate supply – Sticky Wage Model and Imperfect Information Model, Aggregate Supply and Phillips curve, Inflation and Unemployment trade off without and with rational expectations.	MK	Oct.
2	Macroeconomics	3B	Mod 23	Economy wide equilibrium with fiscal and monetary policy, demand and supply shocks, wage price flexibility and rigidity (only definition). Keynesian aggregate supply and Classical Aggregate Supply.	MK	Nov.
2	Macroeconomics	3B	Mod 24	Economic Openness with an emphasis on Indian economy, balance of payments, BOP and the Central Bank, Financing Current Account Deficit.	MK	Nov.
2	Macroeconomics	3B	Mod 25	Exchange Rate Concepts, Determination of Exchange Rate – fixed& flexible, Importance of Foreign Currency Reserves with reference to India, Domestic Adjustment, BOP Crisis and Speculative Attack, Internal and External Balance under Fixed Rate, Advantages of Flexible exchange and Fixed Rates.	MK	Dec.

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SECOND YEAR HONOURS (1+1+1) SYSTEM [ECOA]						
Year	**Name of the paper**	**Paper**	**No.of Module**	**Topic**	**Teacher**	**Month** ☐
2	Macroeconomics	3B	Mod 26	Foreign exchange market reform in India, relation of Devaluation with purchasing power parity and inflation, purchasing power parity principle.	DM	Dec.
2	Macroeconomics	3B	Mod 27	IS-LM model without capital flows, Open economy with capital flows – the Mundell-Fleming Model.	MK	Dec.
2	Macroeconomics	3B	Mod 28	Consumption - Keynes and consumption function, inter-temporal choice, life cycle and permanent income hypothesis.	DM	Jan.
2	Macroeconomics	3B	Mod 29	Investment—business fixed investment, neo-classical approach, Tobin's q, Residential investment and accelerator model of inventories.	DM	Jan.
2	Macroeconomics	3B	Mod 30	Demand for money: Portfolio theory of money demand, Baumol-Tobin analysis of cash management.	DM	Jan.
2	Macroeconomics	3B	Mod 31	Solow model, Golden Rule of capital, impact of changes in saving propensity, population growth and technological progress. Growth accounting and Solow residual.	MK	Feb.
2	Macroeconomics	3B	Mod32	Endogenous Growth Theory (introduction).	MK	Feb.
2	Development Theory	4A	Mod 33	Nature, Questions and Values of Development, Meanings of development – economic growth, redistribution from growth and capabilities approach to development, Objectives of development.	DM	Aug.
2	Development Theory	4A	Mod 34	Measures of development – Purchasing power parity and Per capita income as an index of development, difference between growth and development, human development index.	DM	Aug.
2	Development Theory	4A	Mod 35	Definition of developing economy	DM	Aug.
2	Development Theory	4A		Characteristics of a developing economy.		
2	Development Theory	4A	Mod 36	Theories of transition – Clark and Fisher on change in sectoral share; Rostow's stages of growth	DM	Sep. / Oct.

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SECOND YEAR HONOURS (1+1+1) SYSTEM [ECOA]						
Year	**Name of the paper**	**Paper**	**No.of Module**	**Topic**	**Teacher**	**Month** ☐
2	Development Theory	4A	Mod 37	Kuznets's characteristics of Growth;Industrialization, Growth and Kaldor's growth laws; The neo-classical approach of market and growth.	DM	Oct.
2	Development Theory	4A	Mod 38	Land: Ownership and tenancy system – fixed rent contract and share cropping,role of agriculture in development, barriers to agricultural development andland reforms.	DM	Nov.
2	Development Theory	4A	Mod 39	Labour – Population and Labor force growth, casual and long term labor, permanent labor market.	DM	Nov.
2	Development Theory	4A	Mod 40	Capital: Role of capital accumulation in economic development. Significance of capital-output ratio, role of technology and technological progress,learning, human capital.	DM	Nov. / Dec.
2	Development Theory	4A	Mod 41	Concepts of Population: definitions of fertility, mortality, birthrates, death rates, fertility rate, life expectancy, infant mortality rate, youth dependency ratio.	DM	Jan.
2	Development Theory	4A		Theory of demographic transition		
2	Development Theory	4A	Mod 42	Complementarity and Coordination	DM	Sep.
2	Development Theory	4A		Poverty Trap of Nurkse and Big Push theory of Rosenstein-Rodan		
2	Development Theory	4A	Mod 43	Linkages – backward and forward; linkages, policy and big push.	DM	Dec.
2	Development Theory	4A		Choice of technology and choice of scale (large vs small) and criteria for investment.		
2	Development Theory	4A	Mod 44	Gains from Trade – static, dynamic and vent for surplus, tariffs versus subsidies. Prebisch doctrine, Prebisch-Singer thesis and Terms of Trade.	DM	Dec.
2	Development Theory	4A	Mod 45	The concept of economic dualism.	DM	Aug. / Sep.
2	Development Theory	4A		Lewis' model of economic development with unlimited supply of labour, Disguised Unemployment: Types and Measurement.		

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SECOND YEAR HONOURS (1+1+1) SYSTEM [ECOA]						
Year	**Name of the paper**	**Paper**	**No.of Module**	**Topic**	**Teacher**	**Month** ☐
2	Development Theory	4A		The Informal Sector.		
2	Development Theory	4A		Rural-urban migration of labour – Harris-Todaro model		
2	Development Theory	4A	Mod 46	Meaning of inequality, inequality measures, Lorenz Curve, Range, Coefficient of variation, Gini-coefficient, Kuznet's Inverted U hypothesis.	DM	Dec.
2	Development Theory	4A		Poverty, relative & absolute deprivation, Poverty line, Poverty measures – Head count ratio, Poverty gap ratio, Income gap ratio, Human Poverty Index.		
2	Development Theory	4A	Mod 47	Social dimensions of poverty – rural poverty, women and ethnic minorities and indigenous populations.	DM	Dec.
2	Development Theory	4A		Tackling Poverty – The World Bank Approach		
2	Development Theory	4A	Mod 48	Development and Environmental – an overview.	DM	Jan. / Feb.
2	Development Theory	4A		Basic Issues of development and environment - Sustainable development and environment accounting, population and resources, poverty, rural development, urban development, global environment - rain forest destruction and greenhouse gases.		
2	Development Theory	4A	Mod 49	Policies for Environmental Regulation.	DM	Feb.
2	Indian Economy since Independence	4B	Mod 50	Features of Indian Economy around 1947-1950 and characteristics of economic underdevelopment of India (with reference to colonial rule of India)	SG	Aug.
2	Indian Economy since Independence	4B		The background and Structure of Indian Planning.		
2	Indian Economy since Independence	4B	Mod 51	Structural Constraints and India's development strategy – Choice of industrialization strategies – public vs. private sector, capital goods versus consumer goods – Mahalanobis Plan Model (basic argument), import substitution vs. export promotion strategy.	SG	Aug. / Sep.

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Year	**Name of the paper**	**Paper**	**No.of Module**	**Topic**	**Teacher**	**Month** ☐
2	Indian Economy since Independence	4B	Mod 52	Agriculture-industry relationship – demand side and supply side linkages– agriculture-industry terms of trade - food crisis of the 1960s and imperatives for agricultural growth, genesis of green revolution – fourth plan (basic argument).	SG	Sep.
2	Indian Economy since Independence	4B	Mod 53	Poverty Eradication, foreign aid and self-reliance – Fifth Five Year Plan Model (basic argument)	SG	Sep. / Oct.
2	Indian Economy since Independence	4B		Regional inequality in India – causes; policies for balanced regional development.		
2	Indian Economy since Independence	4B	Mod 54	Planning deficiencies and its abandonment– 7th five year plan and Indian economic crisis.	SG	Oct.
2	Indian Economy since Independence	4B		New Economic Policy – liberalization, market and state (introduction)		
2	Indian Economy since Independence	4B	Mod 55	Land and tenancy system- sharecropping- Different dimensions of Land Reform – Productivity Debate – Marketable Surplus.	SG	Nov.
2	Indian Economy since Independence	4B	Mod 56	Green Revolution – features of green revolution – positive and negative impacts of green revolution. Performance of Indian agriculture.	SG	Nov.
2	Indian Economy since Independence	4B		Agricultural Policies and Pricing – Agricultural Price commission – support price vs. procurement price – Public investment in agriculture - agricultural subsidies and tax.		
2	Indian Economy since Independence	4B	Mod 57	Structure and composition of Industry – issues of concentration, large vs. small industry – industrial location. Small scale reservation policy. Growth Trends and patterns.	SG	Dec.
2	Indian Economy since Independence	4B	Mod 58	Foreign trade regime, protection and foreign competition, Productivity; import substitution vs. export Competitiveness, effect on export competitiveness.	SG	Dec.

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SECOND YEAR HONOURS (1+1+1) SYSTEM [ECOA]						
Year	**Name of the paper**	**Paper**	**No.of Module**	**Topic**	**Teacher**	**Month** ☐
2	Indian Economy since Independence	4B	Mod 59	Industrial Policies – Industrial licensing system.	SG	Dec. / Jan.
2	Indian Economy since Independence	4B		Trends & pattern of employment, wages in India – Informalisation, tertiarisation, problems & under-employment		
2	Indian Economy since Independence	4B	Mod 60	Government policies on employment and wages and employment – employment guarantee scheme – minimum wage.	SG	Jan.
2	Indian Economy since Independence	4B		Movement of prices in India – –trends and patterns – causes, consequences and policies adopted.	SG	Jan. / Feb.

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THIRD YEAR HONOURS (1+1+1) SYSTEM [ECOA]						
Year	**Name of the paper**	**Paper**	**No.of Module**	**Topic**	**Teacher**	**Month☐**
3	International Economics	5A	Mod 1	Ricardian Model: Comparative advantage.	DM	Aug.
3	International Economics	5A		One factor economy: production possibility frontier, relative demand and relative supply and autarkic terms of trade.		
3	International Economics	5A	Mod 2	Trade in Ricardian world: determination of international terms of trade, complete specialization, gains from trade.	DM	Aug.
3	International Economics	5A	Mod 3	Model of two factor economy: Assumptions, Factor prices and commodity prices (Stolper-Samuelson effect)-correspondence, Resources & output, Rybzynski effect.	DM	Aug.
3	International Economics	5A	Mod 4	Effects of International Trade between two factor economies, Relative prices and the pattern of Trade, Trade and distribution of Income, Factor Price Equalization.	DM	Sep.
3	International Economics	5A		Empirical studies - Leontief Paradox.		
3	International Economics	5A	Mod 5	Production Possibilities and relative supply, relative prices and demand,welfare effects of changes in terms of trade, determining relative prices.	DM	Sep.
3	International Economics	5A	Mod 6	Economic growth: shift of RS curve, growth and production possibilityfrontier, RS and terms of trade, International effects of growth, International transfers of income: shifting RD curve, Transfer problem, effects of transfer on terms of trade, Tariffs and export subsidies.	DM	Sep.
3	International Economics	5A	Mod 7	Offer curves: Derivation, International Equilibrium.	DM	Oct.
3	International Economics	5A	Mod 8	Partial equilibrium analysis: Tariff- cost and benefit, effective rate ofprotection and intermediate goods, quota, tariff- quota equivalence and nonequivalence, export subsidy, voluntary export restraint.	DM	Oct.
3	International Economics	5A	Mod 9	General Equilibrium Analysis: Distinction between small and large open economy, welfare effects of tariff onsmall, optimum tariff for large open economy, Metzler's paradox.	DM	Nov.

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THIRD YEAR HONOURS (1+1+1) SYSTEM [ECOA]						
Year	**Name of the paper**	**Paper**	**No.of Module**	**Topic**	**Teacher**	**Month☐**
3	International Economics	5A	Mod 10	Tariff & Import Quotas in presence of monopoly.	DM	Nov. / Dec.
3	International Economics	5A		Balance of payment accounts; national income accounting in an open economy; monetary account		
3	International Economics	5A	Mod 11	Determination of national Income, multiplier analysis, the transfer problem, introduction of foreign country and repercussion effect.	DM	Jan.
3	International Economics	5A	Mod 12	Fixed and Flexible Exchange rates: Adjustments, Demand & Supply of foreign exchange, Effects on domestic prices and TOT, Marshall-Lerner condition, J-curve effect.	DM	Jan. / Feb.
3	Public Finance	5B	Mod 13	The nature, scope and significance of public economics	MK	Aug.
3	Public Finance	5B		Different forms of government – unitary and federal. Tiers of government in the federal form- Central, State, Local (Introductory discussion with examples).		
3	Public Finance	5B	Mod 14	Functions of Government - Economic functions -allocation, distribution and stabilization.	MK	Aug.
3	Public Finance	5B		Regulatory functions of the Government and its economic significance		
3	Public Finance	5B	Mod 15	Federal Finance: Different layers of the government, Inter governmental transfer—horizontal vs. vertical equity.	MK	Sep.
3	Public Finance	5B		Grants—merits and demerits of various types of grants— unconditional vs. conditional grants, tied grants, matching grants.		
3	Public Finance	5B	Mod 16	Concept of public goods—characteristics, national vs. local public goods, determination of provision of public good	MK	Sep.
3	Public Finance	5B		Externality, concept of social versus private costs and benefits, merit goods, club goods.		
3	Public Finance	5B		Provision vs. production of public goods. Market failure and publicprovision. Its Pricing—vertical summation		

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THIRD YEAR HONOURS (1+1+1) SYSTEM [ECOA]						
Year	**Name of the paper**	**Paper**	**No.of Module**	**Topic**	**Teacher**	**Month☐**
3	Public Finance	5B	Mod 17	Government budget and its structure – Receipts and expenditure – concepts of current and capital account, balanced, surplus, and deficit budgets, concept of budget deficit vs. fiscal deficit, functional classification of budget. Concept of Revenue Deficit.	MK	Sep. / Oct.
3	Public Finance	5B	Mod 18	Budget, government policy and its impact. Budget multipliers.	MK	Oct.
3	Public Finance	5B	Mod 19	Concept of tax, types of tax – direct tax and indirect tax, canons of taxation, subsidy, transfer policy.	MK	Nov.
3	Public Finance	5B		Principles of taxation -Ability to Pay principle (brief discussion), Benefit Approach (Actual Examples)		
3	Public Finance	5B	Mod 20	Tax Design - introduction – truth seeking mechanism.	MK	Nov.
3	Public Finance	5B		Effects of income tax on work effort; saving and risk bearing (just brief ideas).		
3	Public Finance	5B	Mod 21	Excess burden of indirect taxes	MK	Dec.
3	Public Finance	5B		VAT, Goods and Services Tax (pros and cons).		
3	Public Finance	5B		Non-tax revenue resources-earnings from public undertakings, interest onloans.		
3	Public Finance	5B	Mod 22	Instruments for stabilization	MK	Dec. / Jan.
3	Public Finance	5B		Public Debt - internal and external.		
3	Public Finance	5B		Public Finance and Public Choice: The Role of State.		
3	Comparative Development Experience	6A	Mod 23	Differences in initial conditions of development of less developed countries and present day developed countries.	DM	Aug.
3	Comparative Development Experience	6A		Nature of development gap prevailing at present between developed and less developed countries.		
3	Comparative Development Experience	6A	Mod 24	Different types of social organization, feudalism, pre-capitalist societies other than feudalism, capitalism in the West, development of the Third World	DM	Aug.

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THIRD YEAR HONOURS (1+1+1) SYSTEM [ECOA]						
Year	**Name of the paper**	**Paper**	**No.of Module**	**Topic**	**Teacher**	**Month☐**
3	Comparative Development Experience	6A	Mod 25	Industrial revolution in Great Britain - Causes – Why Great Britain became the pioneer? – characteristics – Effects	DM	Sep.
3	Comparative Development Experience	6A	Mod 26	The Great Debate in Soviet Union on the assignment of priority on development of heavy industry in planned economic development. The Great Depression of the 1930's– Experiences of USA and Great Britain .	DM	Sep. / Oct.
3	Comparative Development Experience	6A	Mod 27	Global Change, Welfare state and mixed economy.	DM	Oct.
3	Comparative Development Experience	6A	Mod 28	Post War global institutions: International Monetary Fund, World Bank, United Nations Conference on Trade and Development.	DM	Nov.
3	Comparative Development Experience	6A	Mod 29	Trade and Strategies of development: Infant industry, Import substitution versus export promotion in less developed countries. Illustrations from South Asia, Latin America & East Asia.	DM	Nov.
3	Comparative Development Experience	6A	Mod 30	Foreign Finance, Investment and Development: Private foreign direct investment and Multinational Corporations, private portfolio investment, development assistance debate.	DM	Dec.
3	Comparative Development Experience	6A	Mod 31	Dependency Approach.	DM	Dec.
3	Comparative Development Experience	6A		Unequal exchange.		
3	Comparative Development Experience	6A	Mod 32	Neo liberalism, Washington consensus, North-South Divide, Recasting of IMF and World Bank.	DM	Dec. / Jan.
3	Comparative Development Experience	6A	Mod 33	General Agreements on Tariff and Trade (GATT) and the Dunkel Draft Controversy- World Trade Organization (WTO).	DM	Jan.
3	Comparative Development Experience	6A	Mod 34	Economic Integration and Regional Trading Blocs.	DM	Jan.
3	Comparative Development Experience	6A		Global Polarization.		

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THIRD YEAR HONOURS (1+1+1) SYSTEM [ECOA]						
Year	**Name of the paper**	**Paper**	**No.of Module**	**Topic**	**Teacher**	**Month☐**
3	Comparative Development Experience	6A	Mod 35	Nature of Development planning, Rationale for development planning.	DM	Feb.
3	Comparative Development Experience	6A		Washington Consensus, New Consensus and the State		
3	Comparative Development Experience	6A	Mod 36	Some Recent Development Experiences (i) China, (ii) Africa (iii) Argentina.	DM	Feb.
3	Contemporary Economic Issues: India & WB	6B	Mod 37	Background of Indian Economic Reforms – New Economic Policy. Redefining India's development strategy. Changing Role of State and Market.	SG	Aug.
3	Contemporary Economic Issues: India & WB	6B	Mod 38	Industrial Policy, Disinvestment policy and Privatization.	SG	Aug. / Sep.
3	Contemporary Economic Issues: India & WB	6B	Mod 39	Financial sector reforms including banking reform. Monetary Policy of RBI.	SG	Sep.
3	Contemporary Economic Issues: India & WB	6B	Mod 40	Fiscal Policy Reform – tax reform, debt management, FRBM Act and subsidies.	SG	Sep.
3	Contemporary Economic Issues: India & WB	6B	Mod 41	External sector reforms: Foreign Exchange market, balance of payments, reform, convertibility, export-import policy, foreign direct investment.	SG	Sep.
3	Contemporary Economic Issues: India & WB	6B	Mod 42	Post-reform Agricultural Performance and its Crisis.	SG	Oct.
3	Contemporary Economic Issues: India & WB	6B		Poverty and exclusion, NREGA, social security for unorganizedworkers and forest policy.		
3	Contemporary Economic Issues: India & WB	6B	Mod 43	Appraisal of Indian Economic Reform. India's Growth Experience.	SG	Nov.
3	Contemporary Economic Issues: India & WB	6B	Mod 44	Growth of the Service Sector.	SG	Nov.
3	Contemporary Economic Issues: India & WB	6B		Food security, Food Procurement and Public Distribution System.	SG	Dec.

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THIRD YEAR HONOURS (1+1+1) SYSTEM [ECOA]						
Year	**Name of the paper**	**Paper**	**No.of Module**	**Topic**	**Teacher**	**Month☐**
3	Contemporary Economic Issues: India & WB	6B	Mod 45	Migration and Urbanization.	SG	Dec.
3	Contemporary Economic Issues: India & WB	6B	Mod 46	Land acquisition, SEZ and Industrialization.	SG	Dec.
3	Contemporary Economic Issues: India & WB	6B	Mod 47	Demographic dividend.	SG	Dec. / Jan.
3	Contemporary Economic Issues: India & WB	6B	Mod 48	WB Economy Structure and Growth – based on state domestic product (SDP) data and employment data from National Sample Survey and Census of India.	SKG	Jan.
3	Contemporary Economic Issues: India & WB	6B	Mod 49	WB Economy in relation to India and major states in recent decades: in terms of indicators on - per capita SDP, per capita consumption (rural and urban), income growth, human development.	SKG	Jan.
3	Contemporary Economic Issues: India & WB	6B	Mod 50	Land Reforms, agricultural growth and related current problems- growth of non-farm rural sector	SKG	Jan. / Feb.
3	Contemporary Economic Issues: India & WB	6B	Mod 51	Industrial development – problems and prospects; Tertiary sector growth – Informalisation in manufacturing and tertiary sectors.	SKG	Feb.
3	Contemporary Economic Issues: India &WB	6B	Mod 52	Poverty alleviation, Employment generation, self-help-group and social security: Problems and policies	SKG	Feb.
3	Statistics & Basic Econometrics	7A	Mod 53	Joint Probability Distribution – Idea of Independence, Marginal and Conditional Distribution. Expectation of the product of two variates.	SKG	Aug.
3	Statistics & Basic Econometrics	7A	Mod 54	Population and Sample, Parameter and Statistic, Random Sampling -Methods of Drawing Random samples –with replacement and without replacement, Random sampling Numbers.	SKG	Aug. / Sep.
3	Statistics & Basic Econometrics	7A	Mod 56	Sampling Distributions associated with Normal Population, Expectation and Standard Error of Sample Mean for with and without replacement random samples.	SKG	Sep.

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THIRD YEAR HONOURS (1+1+1) SYSTEM [ECOA]						
Year	**Name of the paper**	**Paper**	**No.of Module**	**Topic**	**Teacher**	**Month☐**
3	Statistics & Basic Econometrics	7A	Mod 57	Chi-Square Distribution, Student t Distribution, F-Distribution (definition and important properties only-Idea of degrees of freedom.	SKG	Sep.
3	Statistics & Basic Econometrics	7A	Mod 58	Estimators-Desirable properties of estimators -Unbiasedness, Minimum Variance, Consistency and Sufficiency.	SKG	Oct.
3	Statistics & Basic Econometrics	7A	Mod 59	Point Estimation - Maximum Likelihood Estimators and their properties.	SKG	Nov.
3	Statistics & Basic Econometrics	7A	Mod 60	Maximum Likelihood estimation of the parameters of Binomial, Poisson and Normal Distributions.	SKG	Nov.
3	Statistics & Basic Econometrics	7A	Mod 61	Confidence Intervals -Testing of Hypothesis -p-Values -Type-I and Type – II Errors.	SKG	Dec.
3	Statistics & Basic Econometrics	7A	Mod 62	Simple applications of tests for the Mean and Variance of a UnivariateNormal Population.	SKG	Dec.
3	Statistics & Basic Econometrics	7A	Mod 63	Classical Linear Regression Model (CLRM): Specification of the Model-Assumptions- Linearity in variables and parameters, Estimation of the Error Variance.	SKG	Dec.
3	Statistics & Basic Econometrics	7A	Mod 64	Gauss Markov Theorem, Goodness of fit: R square – Coefficient of Determination.	SKG	Jan.
3	Statistics & Basic Econometrics	7A	Mod 65	Inference in the Linear Regression Model-Confidence interval for theparameters and the Testing of Hypotheses -Prediction with the Simple Regression model.	SKG	Jan.
3	Statistics & Basic Econometrics	7A	Mod 66	Concepts of Heteroscedasticity and Autocorrelation problems.	SKG	Jan. / Feb.
3	Statistics & Basic Econometrics	7A	Mod 67	Time Series: Introduction, Components, Measurements: Secular Trend (Free hand curve fitting, Moving averages, fitting mathematical curves), Seasonalfluctuation (monthly averages, ratio to moving averages, ratio to trend)	SKG	Feb.

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THIRD YEAR HONOURS (1+1+1) SYSTEM [ECOA]						
Year	**Name of the paper**	**Paper**	**No.of Module**	**Topic**	**Teacher**	**Month☐**
3	Group B: Mathematical Economics	7B	Mod 68	Utility maximization, Lagrangian multiplier, Indirect Utility function, Roy's Identity, Derivation of Slutsky equation	SG	Aug.
3	Group B: Mathematical Economics	7B	Mod 69	Slutsky Equation in elasticity form, Compensated demand curve,	SG	Aug. / Sep.
3	Group B: Mathematical Economics	7B		Different forms of Utility Function— Separable, quasi-linear, homogeneous and homothetic, Labour-leisure choice		
3	Group B: Mathematical Economics	7B	Mod 70	Output maximization, Cost minimization, Homogeneous and homothetic production functions, Elasticity of substitution, CES production function, Relationship between average cost and marginal cost	SG	Sep.
3	Group B: Mathematical Economics	7B	Mod 71	Factor demand curves, output elasticity, Analysis of firms in competitive equilibrium and monopoly, imposition of taxes	SG	Sep.
3	Group B: Mathematical Economics	7B	Mod 72	Analysis of factor demands in the long run	SG	Oct.
3	Group B: Mathematical Economics	7B		Fixed coefficient production functions, Leontief Input-Output system.		
3	Group B: Mathematical Economics	7B	Mod 73	Two person matrix games, solving matrix games with mixed strategies Sequential Games and Decisions	SKG	Jan. / Feb.
3	Group B: Mathematical Economics	7B	Mod 74	n-period utility maximization, Time preference, Stocks and flows	SKG	Feb.
3	Group B: Mathematical Economics	7B	Mod 75	Uncertainty and Probability, State preference approach for preferences	SKG	Feb.
		7B		Expected Utility Hypothesis, Risk aversion and its measures.		
3	Group B: Mathematical Economics	7B	Mod 76	Generalization to n variables: First and Second order conditions	SKG	Nov.
3	Group B: Mathematical Economics	7B		Profit maximization: n factors and Utility Maximization		
3	Group B: Mathematical Economics	7B	Mod 77	National Income Model, IS-LM Model	SG	Nov.

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THIRD YEAR HONOURS (1+1+1) SYSTEM [ECOA]						
Year	**Name of the paper**	**Paper**	**No.of Module**	**Topic**	**Teacher**	**Month☐**
3	Group B: Mathematical Economics	7B	Mod 78	Simple Trade Models	SKG	Dec.
3	Group B: MathematicalEconomics	7B	Mod 79	Cobweb Model	SG	Dec.
3	Group B: Mathematical Economics	7B		Multiplier-Accelerator Interaction Model		
3	Group B: Mathematical Economics	7B	Mod 80	Linear Systems via Eigen values	SKG	Dec. / Jan.
3	Group B: Mathematical Economics	7B		Solution of linear systems by substitution		
3	Group B: Mathematical Economics	7B	Mod 81	Phase diagrams of linear systems	SG	Jan.
3	Group B: Mathematical Economics	7B	Mod 82	Solow model.	SKG	Jan.
3	Indian Economic History	8A	Mod 83	Economic condition in India on the eve of British rule	SKG	Aug.
3	Indian Economic History	8A	Mod84	Economic Policies under in British India: Land policy, Policy of Discriminating Protection, Early Industrial Development and Managing Agency System, Currency and monetary policy, Infrastructure and Transport	SKG	Aug. / Sep.
3	Indian Economic History	8A	Mod 85	Impact of British rule on India	SKG	Sep.
3	Indian Economic History	8A		Deindustrialization, Commercialization of agriculture, Economic Drain	SKG	Sep. / Oct.
		8A		Early Economic planning initiatives during British rule		
3	Term Paper	8B	Mod 86	The college should arrange for 10 to 15 lectures to inform the students on the method of preparing for and writing the term paper.	MK	Nov. onwards

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GENERAL (B.A. / B.Sc.)

Core Course 1 (CC 1) / Generic Elective Course I (GE -1)

Name of the Course: Introductory Microeconomics

Srl No.	**Topic**	Faculty	No. of lecture	Month
1	**Exploring the subject matter of Economics**	SG	5	July- August
2	**Supply and Demand: How Markets Work, Markets and Welfare**	S.G	16	August-September
3	**The Households**	S.G	18	November
4	**The Firm and Perfect Market Structure**	S.K.G	18	November
5	**Imperfect Market Structure**	S.K.G	8	July-August
6	**Input Markets**	S.K.G	10	August-September

Core Course 2 (CC 2) / Generic Elective Course 2 (GE -2)

Name of the Course: Introductory Macroeconomics

Srl No.	**Topic**	Faculty	No. of lecture	Month
1	**Introduction to Macroeconomics and National Income Accounting**	MK	14	Jan-Feb
2	**The Simple Keynesian Model in a Closed Economy**	MK	14	Feb-Mar
3	**The Classical System**	MK	11	Apr-May
4	**Money Supply and Money Demand**	MK	11	May
5	Inflation	DM	13	Jan-Feb
6	**The External Sector**	DM	12	Feb-Mar

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SECOND YEAR GENERAL (B.A. / B.Sc.) (1+1+1) SYSTEM [ECOG]						
	Name of the paper	**Paper**	**No. of Module**	**Topic**	**Teacher**	**Month** ☐
2	Microeconomics II	2A	Mod 1	Concepts of Perfect Competition, Monopoly, Monopolistic Competition, Oligopoly.	SG	Aug.
2	Microeconomics II	2A	Mod 2	Short-run and Long-run Equilibrium under perfect Competition at the Firm level, as well as industry level.	SG	Sep.
2	Microeconomics II	2A	Mod 3	Idea of price discrimination. Price and Output Determination under Monopoly .	SG	Oct.
2	Microeconomics II	2A	Mod 4	Idea of price discrimination. Price and Output Determination under Monopoly.	SG	Oct. / Nov.
2	Microeconomics II	2A	Mod 5	Marginal Productivity Theory of Distribution-Factor Price Determination.	SG	Nov.
2	Microeconomics II	2A	Mod 6	Rent: (a) Ricardian Theory, (b) Modern Theory.	SG	Dec.
2	Microeconomics II	2A	Mod 7	Wage: Distinction between Money Wage and Real Wage-Factors Determining Real Wage-Role of Trade Union in Wage Determination under competitive set up .	SG	Dec.
2	Microeconomics II	2A	Mod 8	Interest: Real and Money Interest Loanable Fund and Liquidity preference theory of interest.	SG	Jan.
2	Microeconomics II	2A	Mod 9	Profit: Alternative theories of profit.	SG	Jan. / Feb.
2	Macroeconomics II	2B	Mod 1	Concept of Classical Theory of Employment and output-Say's Law of markets	MK	Aug.
2	Macroeconomics II	2B	Mod 2	Simple Keynesian theory of Income and Employment: Concept of Effective Demand.	MK	Sep.
2	Macroeconomics II	2B	Mod 3	Concept of price index –alternative price indices and measurements of inflation rate	MK	Oct.
2	Macroeconomics II	2B	Mod 4	Concept of Inflation, Deflation and Stagflation: Inflationary Gap - Distinction between Demand-pull and Cost-Push Inflation, Anti-Inflationary Monetary and Fiscal Policies -Effects of Inflation	MK	Nov.
2	Macroeconomics II	2B	Mod 5	International Trade: Distinction between Internal and International Trade –exports and imports in goods and services.	SG	Nov.

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SECOND YEAR GENERAL (B.A. / B.Sc.) (1+1+1) SYSTEM [ECOG]						
	Name of the paper	**Paper**	**No. of Module**	**Topic**	**Teacher**	**Month** ☐
2	Macroeconomics II	2B	Mod 6	Basis of Trade: Concepts of absolute advantage and comparative Advantage	SG	Dec.
2	Macroeconomics II	2B	Mod 7	Arguments for Free Trade – Argument for Protection.	SG	Jan. / Feb.
2	Indian Economy I	3A	Mod 1	The structure of Indian Economy – its sectoral composition, rural-urban dimension –India's per capita income – relative position relation to developed and underdeveloped economies.	SKG	Aug. / Sep.
2	Indian Economy I	3A	Mod 2	Features and Causes of Underdevelopment of the Indian Economy	SKG	Sep.
2	Indian Economy I	3A	Mod 3	National Income of India: Trend, Estimation and Distribution.	SKG	Oct.
2	Indian Economy I	3A	Mod 4	The trends and pattern of population growth –age distribution – demographic rates and population projection	SKG	Nov.
2	Indian Economy I	3A	Mod 5	The nature of population problem in India and government policies related to population	SKG	Nov. / Dec.
2	Indian Economy I	3A	Mod 6	Dualism, in the Indian Economy: Poverty Line-Poverty Eradication Programmes in India.	SKG	Dec.
2	Indian Economy I	3A	Mod 7	Background for Indian Planning and Planning process and institutions. Objectives, achievements and failures of India's Five-year Plans (broad outline) + Brief Summary of Indian Planning	SKG	Jan.
2	Indian Economy II	3B	Mod 1	Characteristics of Indian Agriculture: Causes of Low Productivity.	DM	Aug.
2	Indian Economy II	3B		Land Reforms: Meaning, importance. Evaluation of the Programmes.		
2	Indian Economy II	3B	Mod 2	New technology and Green Revolution and its effects	DM	Sep.
2	Indian Economy	3B		Effects of Economic Reforms on Indian Agriculture		

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SECOND YEAR GENERAL (B.A. / B.Sc.) (1+1+1) SYSTEM [ECOG]						
	Name of the paper	**Paper**	**No. of Module**	**Topic**	**Teacher**	**Month** ☐
2	Indian Economy II	3B	Mod 3	Structure of Indian industry -Role of Cottage, Small-scale and Largescale Industries in India's development.	DM	Sep.
2	Indian Economy II	3B	Mod 4	Problems and strategies of industrial development Economic Development - Problems and Solutions.	DM	Oct.
2	Indian Economy II	3B	Mod 5	Industrial Labour, Industrial Finance, Industrial Policy.	DM	Nov.
2	Indian Economy II	3B	Mod 6	Financial Markets and Financial system in India	DM	Nov.
2	Indian Economy II	3B	Mod 7	Banking: Role of Indian Commercial Banks - Credit Control Policy of Reserve Bank of India	DM	Dec.
2	Indian Economy II	3B	Mod 8	Central and state budgets – revenue account and capital account - Sources of Revenue of Union and State Governments	DM	Dec.
2	Indian Economy II	3B	Mod 9	Direct and indirect tax – major heads of expenditures – plan vs. non-plan expenditures	DM	Jan.
2	Indian Economy II	3B	Mod 10	Union-State Financial Relation – Role of Finance Commission of India	DM	Jan.
2	Indian Economy II	3B	Mod 11	Importance of foreign trade for Indian Economy	DM	Jan. / Feb.
2	Indian Economy II	3B	Mod 12	India's Foreign Trade: Change in volume and direction of trade in the post liberalisation period.	DM	Feb.

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K.K. Das College GRH-17 B.G. Patuli P.O. Garia, Kol-84

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THIRD YEAR GENERAL (B.A. / B.Sc.) (1+1+1) SYSTEM [ECOG]						
	Name of the paper	**Paper**	**No.of Module**	**Topic**	**Teacher**	**Month** ☐
3	Development Economics I	4A	Mod 1	Distinction between Economic Growth and Economic Development: Net National Income and Per Capita Income as Growth Indicators- Concept Of HDI.	MK	Aug.
3	Development Economics I	4A	Mod 2	Development Planning & its necessity - balanced vs. unbalanced growth.	MK	Aug. / Sep.
3	Development Economics I	4A	Mod 3	Complementary Roles of Agriculture and Industry -Role of Technology in Agriculture and Industry	MK	Sep.
3	Development Economics I	4A	Mod 4	Population and Economic Development: The Two Way Relation.	SG	Oct.
3	Development Economics I	4A	Mod 5	Domestic Capital Formation in an Underdeveloped Country: The Problems - Incentives for Savings and Investment	MK	Nov.
3	Development Economics I	4A	Mod 6	Foreign Investment: Different forms -Their roles in Economic Development.	MK	Dec.
3	Development Economics I	4A	Mod 7	Role of IMF & World Bank in economic development of the LDCS.	MK	Dec.
3	Development Economics I	4A	Mod 8	Gender Related Issues.	MK	Jan.
3	International economics and Statistics I	4B	Mod 9	Comparative Advantage and Protectionism: Principle of Comparative advantage, Ricardo's analysis, Economic Gains from trade,	SG	Aug.
3	International economics and Statistics I	4B	Mod 10	Graphical Analysis of comparative advantage, Equilibrium Price ratio, Extensions to many commodities and countries,	SG	Sep.
3	International economics and Statistics I	4B	Mod 11	Protectionism: Supply and demand analysis of trade and tariffs, Free Trade, Trade barriers, Prohibitive Tariff, Non-prohibitive Tariff, Quotas, Economic costs of tariff. Arguments for protection	SG	Oct.
3	International economics and Statistics I	4B	Mod 12	Balance of Payments: Debits and Credits, Balance on Current Account and Capital Account, Exchange rates and Balance of Payments	SG	
3	International economics and Statistics I	4B	Mod 13	Data – Classification and presentation, Population and Sample, Collection of Data - Variable and Attribute,	SG	Aug.

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	Name of the paper	**Paper**	**No.of Module**	**Topic**	**Teacher**	**Month** ☐
3	International economics and Statistics I	4B	Mod 14	Frequency Distribution – Diagrammatic representation of frequency distribution – Cumulative frequency – Ogive	SG	Sep.
3	International economics and Statistics I	4B	Mod 15	Central Tendency- Arithmetic Mean, Median and Mode (for both grouped and ungrouped data)	SG	Oct.
3	International economics and Statistics I	4B	Mod 16	Dispersion: Range and Standard Deviation	SG	Nov.
3	International economics and Statistics I	4B	Mod 17	Measures of Relative Dispersion – Curve of Concentration, Concepts of Measurement of Economic Inequality: Lorenz Curve.	SG	Dec. / Jan.

☐This is a tentative distribution for successful completion of the syllabus. The Department, although has responsibility towards the successful completion of the syllabus, however, holds that the distribution of Month and syllabus is subjected to modification under unavoidable circumstances within the bounded time-frame.

– Ms. Madhurima Koley

(HOD, Department of Economics)

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Academic Plan

Sub - Education for the 2018-19

Semester	Name of the paper	Paper/Course	No of Topic/ Unit	Topic/Unit	Name of the Teacher	Month
Semester-1	Introduction To Education	CC-1/GE-1	Unit-1 (Concept of Education)	Narrow and broader concept of education.	MD	July
				Meaning, nature and scope of education.	MD	July
				Aims of education- individual, social, vocational, and democratic.	MD	August
				Aims of modern education with special reference to Delor's commission.	MD	August
			Unit-2 (Factors of Education)	Child/learner: influence of heredity and environment on the learner.	MD	August
				Teacher: qualities and duties of a good teacher.	MD	September
				Curriculum- concept and types	MD	September
				Co-curricular activities: meaning, values and significance.	MD	November

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				Educational institutions: informal and non-formal, their interrelation.	MD	November
			Unit-3 (Agencies of Education)	Home	BKS	July
				School	BKS	July
				State	BKS	August
				Mass-media-television, radio, cinema, and newspaper.	BKS	August
			Unit-4 (Child Centricism and Play-way in Education)	Concept of child centricism in education.	BKS	September
				Characteristics and significance of child centricism in education.	BKS	September
				Concept of play and work.	BKS	November
				Characteristics of play way in education, Kindergarten, Montessori, Project method.	BKS	November
Semester-2	Psychological Foundation of Education	CC-2/GE-2	Unit-1 (Relation between Psychology and Education)	Meaning and definition of psychology.	MD	January
				Meaning and definition of education.	MD	February
				Relation between psychology and education.	MD	February

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				Nature, scope and significance of educational psychology.	MD	March
			Unit-2 (Stages and types of human development and their educational significance)	Piaget's cognitive development theory	MD	March
				Erikson's psycho- social development theory	MD	April
				Kohlberg's moral development theory	MD	April
				Vygotsky's social development theory and Bandura's social learning theory.	MD	May
			Unit-3 (Learning: concept and theories)	Concept and characteristics of learning.	BKS	January
				Theories: Connectionism (Trial and error, Classical, operant)	BKS	February
				Insightful learning	BKS	February
				Memorization and Forgetting: Process of memorization, causes of forgetting and economical ways of improving memorization.	BKS	March
			Unit-4 (Intelligence)	Concept of intelligence	BKS	March

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				Theories of Spearman, Thorndike and Guilford.	BKS	April
				Types and uses of intelligence tests.	BKS	April
				Concept of Emotional intelligence and E.Q.	BKS	May
Part-II	Educational Psychology	Paper-II	Module-I	Relation between Psychology and education. Nature and scope of Educational Psychology.	MD	August
				Development of the Child: Infancy, Childhood, Adolescence- Physical, Social, Emotional and Cognitive development.	MD	September
			Module-II	Personality: Concept, traits and theories.	MD	November
				Emotion: Meaning and characteristics, places of emotion in education.	MD	Dec & Jan

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				Habit: Its importance and definition. Habit formation. Uses and abuses of habit formation. Educational values of habit.	MD	Feb & March
			Module- III	Intelligence: Concept and measurement. Classification of intelligence tests. Examples of each type of test. Uses of intelligence tests.	BKS	August & September
				Attention and Interest: Nature and conditions of attention, their educational implications.	BKS	Nov & Dec
			Module–IV	Learning: Its nature, relation to motivation and maturation. Theories of learning: trial and error including laws of learning, conditioned response (Classical and Operant) and Gestalt theory.	BKS	Jan & Feb

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				Remembering and forgetting: Process involved in memory. Marks of good memory. Forgetting - its meaning and causes.	BKS	March
	Development of Education in Modern India.	Paper-III	Module I	A synoptic view of ancient and medieval history of education in India.	MD	August
				Advent of missionaries: Serampore Missionaries activities in education.	MD	September
				Official introduction of English education by Lord Bentinck.	MD	November
				Adam's Report on indigenous system of education.	MD	December
				The Despatch of 1854.	MD	December
			Module-II	Contributions of Raja Rammohan and Vidyasagar in social and educational reforms.	MD	January
				The First Education Commission (W. Hunter.) 1882	MD	February

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				Growth of national consciousness: Conflict with Lord Curzon (1902 to 1905).	MD	February
				National Education Movement- Contributions of Vivekananda, Rabindranath and Aurobindo.	MD	March
			Module- III	A synoptic view of the suggestions for educational reforms by the Sadler Commission, Wood-Abbot, Wardha Scheme.	BKS	August
				The Sargent Plan 1944	BKS	September
				The Radhakrishnan Commission 1948-1949	BKS	September

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				A synoptic study of changes in school system, primary and secondary (structure and curriculum only) after independence- Mudaliar Commission's (1952-1953) report and Kothari Commission's report (1964-1966)	BKS	November & December
			Module–IV	Education of Women since independence.	BKS	January
				Educational policy 1968- A brief overview.	BKS	February
				Educational policy 1986- A brief overview.	BKS	March
Part- III	Evaluation and Guidance in Education	Paper- IV	Mudule-1	Concept of evaluation	MD	August
				Need and scope of evaluation in education: evaluation of student achievement, evaluation of curriculum, evaluation of teaching, evaluation of institute.	MD	September and November

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				Evaluation of student progress : examination and evaluation. Tools of evaluation: examination- essay type and objective type, criterion-referenced test and standardized test, cumulative record card (CRC).	MD	December and January
			Module-II	How to make a good test: specification of objectives, item selection.	BKS	August
				Measurement in education: tabulation of educational data, measures of central tendency, measures of variability, (SD only) , graphical representation (frequency polygon, histogram and ogive) . Idea of linear correlation.	BKS	September and November
			Module-III	Guidance: concept, need and scope and types.	MD	February

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				Basic data necessary for guidance (data about students, courses and vocations)	MD	March
				Counseling: meaning and types of counseling for adjustment problem.	MD	March
			Module-IV	Meaning of adjustment	BKS	December and January
				Causes of maladjustment: role of parents, teachers, peers and educational institutions in the development of maladjustment.	BKS	February and March

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Academic Plan 2018-19

BA (H) English						
Part/Sem	Name of the paper	Section	No.of Units	Topic/Unit	Name of the teacher	Month
Semester 1	**CC1** History of English Literature (Group A)	1	A	Old English Heroic Poetry, Old English Prose and Chaucer	BB	July-August
1		1	B	Elizabethan Sonnets, University Wits and Ben Jonson	BB	September
1		1	C	Restoration Comedy of Manners and Eighteenth century Novels	BB	September & November
1		2	D	Pre-Romantic Poetry and Romantic Non-Fiction Prose	AB	July-August
1		2	E	Victorian Novel and the Pre-Raphaelites	AB	September
1		2	F	Modern Novel, Poetry and Drama	AB	September & November
				Term Paper Draft Submission		End of September
1	Philology (Group B)	1	A	Latin, Scandinavian & French Influence, Americanism	GD	July-August
1		2	B	Short Notes	GD	August
1		2	C	Word-formation Processes and Consonant Shift	GD	September
				Term Paper Submission		November
				CLASS TEST		November
				Tutorial Viva		December
1	**CC2** European Classical Literature (Group B)	1	A	Homer *The Iliad (Books I and II)*	GD	September
1		2	B	Sophocles *Oedipus the King*	AB	August-September
				Term Paper Draft Submission		End of September
1	Group C	1	A	Ovid, Selections from *Metamorphoses, Bacchus (Book III)*	GD	November
1		2	B	Plautus *Pot of Gold*	SB	July, August, November
				Term Paper Submission		November
				CLASS TEST		November

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				Tutorial Viva		December
	AECC1 (Communicative English)	1	1	Correction of Sentences	AB,GD	September
		2	2	Transformation	AB,GD	October, November
		3	3	Indentifying True /False Statements from given passages	GD	November
				CLASS TEST		November
Semester 2	**CC3** Indian Writing in English	1 (Poetry)	A	Henry Louis Vivian Derozio 'To India, My Native Land'	BB	January
2			B	Toru Dutt 'Our Casuarina Tree'	BB	January
2			C	Kamala Das 'An Introduction'	BB	February
2			D	A.K. Ramanujan 'River'	BB	February
2			E	Nissim Ezekiel 'Enterprise'	BB	March
2			F	Jayanta Mahapatra 'Dawn at Puri'	BB	March-April
				Term Paper Draft Submission		March
2		2 (Novel)	A	Bankim Chattopadhyay *Rajmohan's Wife*	AB	January-March
2		3 (Drama)	A	Mahesh Dattani 'Bravely Fought the Queen'	GD	February-March
				Term Paper Submission		April
				CLASS TEST		May
				Tutorial Viva		June
2	**CC4** British Poetry & Drama (14^{th}-17^{th} century)	1 (Poetry)	A	Chaucer 'Wife of Bath's Prologue'	GD	January
2			B	Donne 'The Good Morrow'	GD	January
2			C	Marvell 'To his Coy Mistress'	GD	March
2			D	Shakespeare Sonnet 18 and 130	GD	March
			E	Spenser 'One Day I wrote her Name'	GD	April
				Term Paper Draft Submission		March

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2		2 (Drama)	A	Shakespeare *Macbeth*	AB	March-April
2			B	Shakespeare *As You Like It*	AB	February-April
				Term Paper Submission		April
				CLASS TEST		May
				Tutorial Viva		June
Part 2	**Paper 3** Drama (Group A)	1	A	Marlowe *Tamburlaine Part I*	AB	August, September, November
2		2	A	Shakespeare *A Midsummer Night's Dream*	SB	August, September, November
2	Literary Terms on Drama (Group B)	1	B	Literary Terms on Drama	AB	August
2	Drama (Group C)	1	C	Sheridan *The Rivals*	GD	August-September
2		2	C	Shakespeare *Macbeth*	GD	November-January
2				**Mid Term**		November
				Selection Test		February
2	**Paper 4** Novel, Essays and Short Stories (Group A)	1	A	Jane Austen *Pride and Prejudice*	BB	August-September
2	Group B (Essays)	1	A	Francis Bacon *Of Studies*	BB	September
2		2	B	Charles Lamb *Dream Children: A Reverie*	BB	November
2		3	C	George Orwell *Shooting an Elephant*	BB	December
2	Group C (Literary Terms on Fiction)	1	A	Literary Terms on Fiction	BB	August
2	Group D (Stories)	1	A	James Joyce *Araby*	GD	December
2		2	B	Joseph Conrad *The Lagoon*	GD	September
2		3	C	Katherine Mansfield *The Fly*	GD	August
2	Group E	1		Substance Writing and Critical Note	SB	August-September
				Mid Term		November
				Selection Test		February
Part 3	**Paper 5** (Victorian Poetry, 20th Century Poetry,	1	A	Lord Tennyson: *Ulysses*	AB	September

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	Prosody and Unseen) Group A					
3		2	B	Robert Browning: *My Last Duchess*	AB	October-November
3		3	C	Matthew Arnold: *Dover Beach*	AB	November
3		4	D	Hopkins: *Pied Beauty*	AB	December
		5	E	Elizabeth Barrett Browning: *The Ways of Love*	AB	December
3	Group B	1	A	WB Yeats: *An Acre of Grass*	GD	August
3		2	B	Dylan Thomas: *In my craft or Sullen Art*	GD	December
3		3	C	T S Eliot: *Preludes*	GD	November
3		4	D	Wilfred Owen: *Spring Offensive*	GD	September
3		5	E	Ted Hughes: *Hawk Roosting*	GD	December
3	Group C	1	A	Prosody (Scansion)	GD	August-September
	Group D	1	A	Rhetoric	GD	November-December
				Mid Term		November
				Selection Test		January
3	**Paper 6** (Novel, Essay and Writing)	1	A	Thomas Hardy: *The Mayor of Casterbridge*	SB	November-December
3		2	B	Miscellaneous Writing Skills	SB	September-January
3		3	C	Essay	SB	September
3		4	D	Summary and Critical Note of an Unseen Passage	SB	August-November
				Mid Term		November
				Selection Test		January
3	**Paper 7** (Drama and Literary Types)	1	A	John Osborne: *Look Back in Anger*	AB	August-September
3		1	B	George Bernard Shaw: *Pygmalion*	GD	September-November
3		1	C	Synge: *Riders to the Sea*	SB	August-September
3		2	A	Literary Types	SB	September-November
				Mid Term		November
				Selection Test		January
3	**Paper 8** (Indian Writing in	1	A	R K Narayan: *Guide*	BB	August-October

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	English)					
3		1	B	Rabindranath Tagore: *The Home and the World*	BB	November-December
3		2	A	Munshi Prem Chand: *The Shroud*	AB	November
3		2	B	Ruskin Bond: *The Eyes are not Here*	AB	November
3		2	C	Manik Bandopadhyay: *Primeval*	AB	November
3		2	D	Gangadhar Gadgil: *The Faceless Evening*	AB	December
3		3	A	Toru Dutt: *Our Casuarina Tree*	SB	September
3		3	B	Nissim Ezekiel: *Enterprise*	SB	August
3		3	C	Kamala Das: *An Introduction*	SB	November
3		3	D	Agyeya: *Hiroshima*	SB	November
3		4	A	Mahesh Dattani: *Bravely Fought the Queen*	AB	November-December

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Academic Plan 2018-19

** Tentative Schedule for Midterm (Part 2 and 3): November

Tentative Schedule for Selection Test :

Part 2: February

Part 3: January

BA (G) English						
Year/Sem	Topics	Paper/Course	No.of Module	Topic/Unit	Name of the teacher	Month
Sem1	Poetry	CC1/GE1	1	Sonnet no. 18 by William Shakespeare	SB	August
1			2	Strange Fits of Passion by William Wordsworth	SB	September
1			3	To A Skylark by P B Shelley	BB	August
1			4	Ode To Autumn by John Keats	BB	September
1	Short Stories		5	Araby by James Joyce	AB	August
1			6	The Fly by Katherine Mansfield	AB	September
1			7	Lagoon by Joseph Conrad	AB	November
				Class Test		November
				Project Submission		November
				Project Viva		December
	Communicative English	AECC1	1	Correction of Sentences	BB	September

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			2	Transformation	BB	October, November
			3	Indentifying True /False Statements from given passages	BB	November
				CLASS TEST		November
Sem 2	Novel	CC2/GE2	1	The Mayor Of Casterbridge by Thomas Hardy	SB	September-November
	Drama		1	Arms and the Man by G. B. Shaw	AB	August-November
			2	As You Like It by William Shakespeare	SB	August-September
	Essays		1	Shooting an Elephant by George Orwell	BB	August
			2	Dream Children: A Reverie by Charles Lamb	BB	September
				Class Test		November
				Project Submission		November
				Project Viva		December
Part 2	Novel	2A	1	The Mayor Of Casterbridge by Thomas Hardy	SB	October-December
2	Short Stories	2A	2	Araby by James Joyce	GD	August
2		2A	3	The Ox by H E Bates	GD	August
2		2A	4	The Fly by Katherine	GD	September

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				Mansfield.		
2	Unseen	2B	5	Precis writing	AB	January
2	Essays	2C	6	The Superannuated Man by Charles Lamb	AB	December
2		2C	7	The Art Of The Essayist by A C Benson.	AB	December
2		2C	8	Sea-side by Robert Lynd	AB	January
2		2C	9	Shooting an Elephant by George Orwell	AB	January
2	Unseen	2D	10	Essay	AB	February
2	Drama	3A	1	*A Midsummer Night's Dream* by William Shakespeare	SB	August-September
				Literary Terms on Drama	SB	September
2		3B	2	Pygmalion by George Bernard Shaw	GD	September
2	Unseen	3C	3	Proof Reading	GD	December
Part 3	Short Stories (Indian)	4A	1	A Moment Of Eternity by Bhabani Bhattacharya	GD	January
3		4A	2	Duty by Mulk Raj Anand	GD	September-October
3		4A	3	Dasi The Bridegroom by R K Narayan	GD	August-September
3		4A	4	The Home Coming by	GD	November-

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				Rabindranath Tagore		December
3	Poems (Indian)	4B	5	Sita by Toru Dutt	AB	November-December
3		4B	6	An Introduction by Kamala Das	AB	August-September
3		4B	7	A River by A K Ramanujam	AB	December-January
3		4B	8	Goodbye Party For Miss Pushpa T S by Nissim Ezekiel	AB	September-October
3	Unseen	4C	9	Dialogue Writing	AB	November-December
3		4C	10	Substance Writing	AB	September-December

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DEPARTMENT OF HISTORY (HONOURS)

ACADEMIC PLAN 2018-2019

Year	Name of the paper	Paper	No.of Module	Topic/Unit	Name of the teacher	Month
2nd year	**Transformation of Europe (15th – 17th Centuries)**	III UNIT -I	Module 1	1.1 Nature of the Feudal Society and its regional variations 1.2 Crisis of Feudalism 1.3 Transition Debate.	SS	JULY
1sr Semester		CC1 (HISTORY OF INDIA ,FROM THE EARLIEST TIMES TO C 300	Module 2	.Reconstructing Ancient Indian history II.Hunter Gathers and the advent of food products	SS/SSG	JULY

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		BCE)				
2ND YEAR			Module 2	2.1 Economic Crisis and the commercial decline in the 14th Century Europe 2.2 The urban decay and the epidemics.	SS	AUG
1st semester				**II. Hunter-gatherers and the advent of food products** a)Paleolithic cultures- sequence and distribution; stone industries and other technological developments. b) Mesolithic cultures – regional and chronological distribution; new developments in technology and economy; rock art. c) Neolithic and Chalcolithic cultures: distribution and subsistence pattern	AM	Aug
1st sem			Module 3	**III. The Harappan civilization:** Origins; settlement patterns and town planning; agrarian base; craft		August

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				productions and trade; social and political organization; religious beliefs and practices; art; the problem of urban decline and the late/post-Harappan traditions.		
1st sem			MODULE 4	**IV. Cultures in transition** Settlement patterns, technological and economic developments; social stratification; political relations; religion and philosophy; the Aryan problem. a) North India (circa 1500 BCE – 300 BCE) b) Central India and the Deccan (circa 1000 BCE – circa 300 BCE)		Septem-DEcember
2nd year			Module 3	3.1 Impact of the fall of Constantinople. 3.2 Development of National Monarchy.	SS	SEPT
			Module 4	4.1 Economy in the 15th Century Europe 4.2 Economic expansion of Europe	SS	SEPT/

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				in the 16th Century		
				4.3 Proto-industrialisation – the rise of new merchants 4.4 Price Revolution 4.5 Agricultural Revolution and the Enclosure Movement	SS	SEPT
			Module 5	5.1 Printing Revolution 5.2 Revolution in war techniques 5.3 The exploration of the new world 5.4 Portugese and Spanish voyages	SS	OCT
			Module 6	6.1 Renaissance 6.2 Renaissance humanism 6.3 Rediscovery of classics .	SS	OCT
				6.4 Italian renaissance and its	SS	NOV

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				impact on art, culture, education and political thought 6.5 Northern humanism		
		UNIT -II	Module 1	1.1 The formation of early modern state 1.2 The empire of Charles V of Spain 1.3 New Monarchy in England.	SS	NOV
			Module 2	2.1 Reformation movements 2.2 Origins & courses .	SS	NOV
				2.3 Martin Luther & Lutheranism 2.4 John Calvin & Calvinism	SS	DEC
				2.4 Radical reformation:Anabaptists and Hugenots 2.5 English reformation and the role of the state	SS	DEC

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				2.7 Counter Reformation	SS	DEC
			Module 3	The economy of the 17th Century Europe.	SS	DEC
			Module 4	4.1 Origins of modern science 4.2 Scientific Revolution	SS	DEC
				4.3 Emergence of scientific academies 4.4 Origins of Enlightenment.	SS	JAN
			Module 5	5.1 Peace of Westphalia (1648) 5.2 Emergence of modern European state system.	SS	JAN
			Module 6	6.1 The English Civil War of the 17th Century 6.2 Political ideas of the Civil War	SS	JAN
				6.3 The Settlement of 1688 and the ideas of John Locke	SS	JAN

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				and the concept of liberalism.		
				TEST EXAMINATION		FEB
				REVISION		MAR, APR
2nd	**: History of India from C1500 to C1800**	IV UNIT -I	Module-1	The Mughals 1.1. Historiography and sources: i) Historiography: different approaches;	AM	JULY
				ii) An overview of sources including: Abul Fazl, Badauni, Bernier.	AM	AUG
			Module 2:	The foundation and consolidation of Empire 2.1. A brief overview of India on the eve of Babur's invasion-kingdoms of Delhi, Mewar, Bengal, Bihar, Punjab;	AM	AUG

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				2.2 Conquest and stability: i)Struggle for Empire in North India- significance of Babur and Humayun's reign ii) significance of Afghan despotism and rise of Sher Shah Sur to power and his contribution.	AM	SEPT
				2.3. Expansion and consolidation of the empire: i) making of a new imperial system and administration-the Mughal nobility, mansab and jagir; ii) formation and evolution of the Mughal ruling class iii) Nurjahan – her role in imperial politics and the 'junta' iV) the mansabdari system under Shahjahan and Aurangzeb in 17th	AM	SEPT

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				century.		
				2.4. The Mughals and the North-western frontier and Central Asia	AM	SEPT
			Module 3:	Ideology and State in Mughal India 3.1. i) The Turko-Mongol tradition;ii) the Akbari imperial agenda and Suhl-i kul ; iii) Akbar's attitude towards religion and the state;	AM	OCT
				3.2. Evolution of imperial policy towards religion and state in the 17th century;	AM	NOV
				3.3. Ideology of alliances-the Mughals and the Rajputs in 16th & 17th centuries	AM	DEC
			Modul	Economy in Mughal	AM	DEC

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			e 4:	India: Patterns, prospects and structure 4.1. The system of agricultural production- agricultural technology and crop patterns; i) Zabti system- magnitude of land tax; ii) non-agricultural production;		
				4.2. Trade, commerce and monetary system-i) inland and oceanic trade network in the 17th century; ii) creation of new trading centres; iii) crafts, industries and organization;	AM	DEC
			Modul e 5:	5.1. Aurangzeb, the imperial elite and the Deccan wars;	AM	JAN

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				5.2. Rise of the Marathas under Shivaji. 5.3. Popular revolts within the Mughal Empire - the Jats, Satnamis, Afghans and the Sikhs;	AM	JAN
				5.4. Crisis in the Jagirdari system -its political and economic implications.	AM	JAN
		UNIT -II	Module 1:	1.1. Rural society and agrarian relations: i) land ownership and nature of land rights, ii)zamindars and peasantry;	AM	JULY
				1.2. Urban society: i) towns and town life, ii) merchant communities, artisans and bankers.	AM	AUG

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			Module 2	Religion and culture in Mughal India 2.1. Sufism; 2.2. Bhakti movement in the 17th century –the Vaishnava Bhakti cult in Bengal and its regional variations;	AM	SEPT
				2.3. Literature, painting and architecture;	AM	SEPT
				2.4. Technology – an overview of mechanical devices in textile, irrigation, military & building technology	AM	OCT
				3.1 Interpretations on the decline of the Mughal empire 3.2. Emergence of the regional powers - case studies of Maharashtra, Awadh and Bengal	AM	NOV

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				3.3. Bengal Nawabs and the rise of the English East India Co. in Bengal	AM	DEC
			Module 4:	Consolidation of English Power 4.1. The Anglo –French relations;	AM	DEC
				4.2. Buxar,Diwani; the Famine, Drain of Wealth; framework of Company's control (the Regulating Act, Pitt's India Act); the Permanent settlement.	AM	JAN
				4.3. Company's relationship with the other Indian powers- Mysore and Awadh .	AM	JAN
				TEST		FEB
				REVISION		MAR, APR
3rd	**: History of East Asia from 1839 to**	V UNIT	Module 1	Pre-colonial China 1.1 The nature and	AM	JULY

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	1950	I: China		structure of the traditional Chinese society- the peasantry and the gentry class		
				1.2 Government bureaucracy and central control	AM	AUG
				1.3 China's pre-modern economy	AM	AUG
			Module 2	Colonial Penetration in China 2.1 The tribute system, the Canton system and their collapse	AM	AUG
				2.2 Opium wars and treaties with imperialist powers and struggle for concessions in China	AM	SEPT
				2.3 Increasing western economic interests- emergence	AM	SEPT

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				of a coastal enclave economy- rise of comprador bougeoisie-open-door policy		
			Module 3	Popular Movements with special reference to Taiping Revolt 3.1 Background and cause 3.2 Nature	AM	SEPT
				3.3 Causes of failure 3.4 Legacy of the Revolt	AM	OCT
				3.5 Other near contemporary rebellions – Nien, Muslim rebellions (1855-1874), Miao insurrection (1850-1872)	AM	OCT
			Module 4	Restoration, Reform, Revolution 4.1 Tungchi	AM	OCT

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				Restoration 4.2 The Self-strengthening Movement		
				4.3 The Reform Movement of 1898 4.4 Boxer Rebellion and its consequences 4.5 Late Ching Reforms (1901-08) 4.6) Republican Revolution of 1911- role of various social classes	AM	NOV
				4.7Sun Yat Sen- principles and politics	AM	NOV
			Module 5	Nationalism and Communism in China 5.1 Emergence of the Republic and Yuan Shi Kai	AM	NOV

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				5.2 Warlordism (1916-1925) 5.3 New Intellectual ideas and May Fourth Movement- origin, nature and significance	AM	DEC
				5.4 Problem of early industrialisation 5.5 Political crisis in the 1920's- The Kuomintangs- The first United Front- The Kuomintang-Communist Conflict- Ten years of Nanking Government	AM	DEC
				5.6 The Communist Party under Mao Tse Tung- the making of the Red Army- The Second United Front- Long March- Second Sino-Japanese War (1937)- Yenan	AM	DEC

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				experiment- The Chinese Revolution (1949)- ideology, causes and significance - the Establishment of the Peoples' Republic of China.		
		UNIT II: Japan	Module 1	Pre- Restoration Period 1.1 The Tokugawa Shogunate- the feudal society and government	AM	JULY
				1.2 Encounter with the West- the Perry Mission and the opening up of Japan to the West 1.3 The crisis and fall of Shogunate	AM	AUG
			Module 2	Meiji Restoration (1867-68) 2.1 Its nature and character	AM	SEPT
				2.2 Different social classes and groups	AM	SEPT

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				behind the Restoration 2.3 Processes of modernization- social, military, political and educational		
				2.4 Contrasting response of China and Japan to the impact of the West	AM	SEPT
			Module 3	Popular and Democratic Movements 3.1 Satsuma rebellion 3.2 Popular rights movement	AM	OCT
				3.3 Movements leading to the Meiji constitution 3.4 Rise of political parties	AM	OCT
			Module 4	Economic Modernisation 4.1 Abolition of	AM	NOV

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				feudalism and economic growth 4.2 New land settlement pattern		
				4.3 Industrialisation and the role of state and private entrepreneurs iv) Zaibatsu	AM	NOV
			Module 5	Emergence of Japan as an Imperial Power 5.1 The Sino-Japanese War 5.2 The Anglo-Japanese alliance	AM	DEC
				5.3 The Russo-Japanese War 5.4 World War I and after- Japan in the Pacific and the Washington	AM	DEC
				5.5 Manchurian Crisis 5.6 Failure of the Democratic system and the rise of	AM	DEC

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				militarism in the1930's and 1940's		
3rd				5.7 Japan and the World War II 5.8 Post War Japan under General MacArthur	AM	DEC
				TEST		JAN
				REVISION		FEB, MAR
	History of India from C1800 to 1964	VI UNIT -I: From 1818	Module 1:	Understanding Modern India 1.1 East India Company as a super-ordinate power-	SS	JULY
		to 1885		colonial state and ideology		
				1.2 Orientalism, Utilitarianism in	SS	AUG

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				relation to India.		
				1.3 Theory of rent and lassez faire	SS	AUG
			Module 2:	The Indian Response 2.1 Ram Mohun, Vidyasagar and the Young Bengal Movement 2.2 Socio-religious movements in other parts of India	SS	AUG
			Module 3	3.1 Impact on colonial land revenue settlement 3.2 Peasant response with special reference to the tribal dimension, taking Santhal, Oraon and Munda Revolts as examples.	SS	AUG
			Module 4:	The Non-agrarian Sector 4.1 The process of Deindustrialization and the related	SS	AUG

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				debates. 4.2 Banking: indigenous and modern.		
				4.3 Emergence of modern industries—railway, jute, cotton and steel	SS	AUG
			Module 5:	Early Resistance to Colonial Rule The Revolt of 1857: causes, interpretations and consequence.	SS	SEPT
			Module 6;	Colonial Intervention and Growth of Modern Education. 6.1 Differential impact, growth of a new intelligentsia, formation of early political organizations leading to the formation of the Indian National Congress.	SS	SEPT

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				6.2 Revivalist and reform movements	SS	SEPT
				6.3 Women as recipients and agents of change in modern India with reference to women's writings (to be discussed along with some specific and prominent examples	SS	OCT
		UNIT -II: From 1885 to 1950	Module 1:	Historiography of Indian Nationalism: Economic social and political trends up to 1919 as background: 1.1 Early Congress and rise of Extremism. .	SS	OCT
				1.2 Partition of Bengal and the Swadeshi	SS	OCT
				1.3 British response and Morley-Minto Reforms.	SS	OCT

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				1.4 Revolutionaries in India and abroad		
				1.5 Rise of Gandhi	SS	OCT
				1.6 Trends in Muslim politics—Aligarh Movement, The Muslim League Demand for separate electorate, Lucknow Pact	SS	NOV
			Module 2:	The Gandhian Era. 2.1 Rowlatt Act and Rowlatt Satyagraha. .	SS	NOV
				2.2 Montague Chelmsford Reforms	SS	NOV
				2.3 Khilafat and Non-cooperation. 2.4 Simon Commission, Nehru Report and Round Table Conference.	SS	NOV
				2.5 Civil Disobedience. 2.6 Quit India	SS	NOV

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				Movement		
			Module 3:	New Trends in National Movement. 3.1 Role of social groups and classes including Dalits. 3.2 Ideological trends in the Congress.	SS	NOV
				3.3 Kisan Sabha Agitations and Trade Union Movements, Peoples' Movements. 3.4 Left Movements and the formation of the Communist Party abroad	SS	NOV
				3.5 Subhas Chandra Bose and the INA.	SS	NOV
			Module 4:	Pre-War Political Developments 4.1 Govt. of India Act 1935	SS	NOV
				4.2 Working of the Provincial	SS	NOV

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				Ministries. 4.3 Cripps Mission, Wavell Plan and Cabinet Mission.		
			Module 5:	Post War Upsurges	SS	NOV
			Module 6:	Communal Politics and Partition 6.1 Growth of Hindu Fundamentalism and Muslim Separatism.	SS	NOV
				6.2 Demand for Pakistan, Response to the Demand. 6.3 National and Regional. British Policies	SS	DEC
				6.4 Partition and Independence	SS	DEC
				6.5 Integration of Princely States 6.6 Framing of the Indian Constitution.	SS	DEC
			Modul	India from 1947-	SS	DEC

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			e 7:	1964 7.1 Partition, Migration and Rehabilitation. 7.2 Agrarian Reforms. Tebhaga and Telengana.		
				7.3Framing of the Indian Constitution and establishment of Parliamentary Democracy. 7.4 Making of Indian Foreign Policy and Non-Alignment	SS	DEC
				TEST EXAMINATION		JAN
				REVISION		FEB, MAR
3rd	**: History of Europe from 1789 to** 1919	VII UNIT -I	Modul e 1	1.1 Understanding the 18th century Europe 1.2 Enlightened despotism	SD	JULY
				1.3 Socio –	SD	AUG

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				economic and political background of the French Revolution – philosophers		
			Module 2	2.1 Trends in the French Revolution 2.2 Aristocratic revolt – bourgeois popular and peasant revolt	SD	AUG
				2.3 The Constituent assembly and its achievements 2.4 Girondins and Jacobins – the Reign of Terror and the rise and fall of the Jacobin Republic	SD	AUG
				2.5 The Thermedorian reaction and the Directory 2.6 Interpreting the French Revolution	SD	SEPT

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				2.7 Role of women in French Revolution		
			Module 3	3.1 Napoleon Bonaparte: the revolution legacy 3.2 The reorganization of France and Europe – fall of Bonaparte .	SD	SEPT
				3.3 Conflicting estimation of Napoleon's character and achievements	SD	SEPT
			Module 4	4.1 The Vienna Congress 4.2 Metternich and the Conservative order	SD	OCT
				4.3 An overview of the revolution of 1830 and 1848 4.4 Pattern of insurrection in France and other central European	SD	OCT

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				countries – collapse of the revolution.		
			Module 5	5.1 The emergence of nation states in Central Europe 5.2 Unification of Italy and Germany .	SD	NOV
				5.3 Russian modernization 5.4 France under the Second Empire	SD	DEC
		UNIT -II	Module 1	1.1 Industrialisation in Europe – difference in the industrialization process between England and the Continent – France,German and Russian industrialization	SD	DEC
				1.2 Rise of the working class movements and the Socialist thought	SD	DEC

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				(Utopian Socialism, Marxism		
				1.3 Art and culture, literature and Science of the 18th century Europe with special reference to Romanticism and its cultural and political aspects	SD	DEC
			Module 2	2.1 The Third Republic, Paris Commune and the new German Reich	SD	DEC
				2.2 Europe in 1871 – Bismarckian diplomacy – new balance of power – Kaiser William II and the new course in the German foreign policy.	SD	DEC
			Module 3	The eastern question in later 19th century with reference to the Crimean War and	SD	DEC

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				the Balkan Nationalism.		
			Module 4	4.1 Age of imperialism (1871 – 1914) –The impetus behind colonial expansion – Scramble for colonies.	SD	DEC
				4.2Anglo German antagonism-Triple Allaiance,Triple Entente,orijin of the first world war	SD	DEC
			Module 5	5.1 The impact of the War on the old order – Collapse of the Dynastic empire –	SD	DEC
				5.2 Revolution in Russia – origin of the October Revolution and the Success of the Bolsheviks	SD	DEC

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				5.3 Fourteen points of Wilson.		
				TEST		JAN
				REVISION		FEB, MAR
3rd	**: World Politics in the 20th Century from 1919 to C2000**	VIII UNIT -I	Module 1	1.1 The Versailles Settlement of 1919 1.2 The League of Nations	SSG	JULY
				1.3 Efforts outside the League to preserve peace and security: The Locarno treaty, the Kellogg Briand Pact	SSG	AUG
			Module 2	2.1 The reparation issue and its impact on international relations 2.2 The Great Depression and its international repercussions	SSG	AUG
				2.3 European Dictatorships: Origin of Fascism in Italy	SSG	AUG

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				and Nazism in Germany – Impact on world politics		
			Module 3	3.1 Responsibility of Hitler for the outbreak of Second World War	SSG	SEPT
				3.2 Diplomatic background of the Second World War – Policy of Appeasement – the Munich Pact – Nazi-Soviet Non Aggression Pact.	SSG	SEPT
				3.3 The Spanish Civil War.	SSG	SEPT
			Module 4	4.1 Background of the foundation of UNO	SSG	OCT
				4.2 Debate on the origins and nature of the Cold War.	SSG	OCT

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				4.3 Cold War and the emergence of Soviet and American economic and military alliances: NATO, WTO, IMF, World Bank, Warsaw, COMECON	SSG	OCT
			Module 5	5.1 USSR's relation with the East European countries (1945-64)	SSG	OCT
				5.2 The US foreign policy in the Post war period: Truman Doctrine and Marshall Plan	SSG	NOV
		UNIT -II	Module 1	1.1 Bi-polarism and regional conflicts: War in Korea – Crisis in Cuba – Conflict in the Middle East (Arab – Israel wars of 1948-49,67, 1973 – Activities of P.L.OIntifadah – Gulf War of 1990-	SSG	NOV

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				91)		
				1.2 Disintegration of European Empires and the emergence of the Third World	SSG	NOV
				1.3 The Non-Aligned Movement 1.4 The politics of Détente.	SSG	NOV
			Module 2	2.1 Impact of the emergence of Communist China on world politics	SSG	DEC
				2.2 Sino- Soviet relations 2.3 Sino- U.S. relations	SSG	DEC
			Module 3	3.1 Indo-Pakistan relations 3.2 India and the liberation war of Bangladesh	SSG	DEC

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				3.3 The Liberation Struggle of Vietnam (1945-54 and 1954-1975	SSG	DEC
			Module 4	4.1 Reunification of Germany	SSG	DEC
				4.2 The end of Socialist regime and the disintegration of USSR	SSG	DEC
			Module 5	5.1 The end of the Cold War .	SSG	DEC
				5.2 The onset of Globalisation	SSG	DEC
				5.3 American Uni-polarism and its significance for international politics	SSG	DEC
				TEST		JAN
				REVISION		FEB, MAR
Sem 2			**CC-2 : Social Formations and**	**I. Evolution of human kind:** Paleolithic and Mesolithic cultures –		Jan

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			Cultural Patterns of the ancient world other than India	Role of kinship social		
2nd sem				**II. Food production** : beginnings of agriculture and animal husbandry		Febru ary
2nd sem				**III. Bronze Age civilizations**, with reference to any one of the following : i)Egypt (Old Kingdom); ii)China(Shang), economy, social stratification, state structure, religion.		March
2nd sem				**IV. Nomadic groups in Central and West Asia;** Debate on the advent of iron and its implications. **V. Slave**		April
2nd sem				**V. Slave society in ancient Greece &**		May

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				Rome: agrarian economy, urbanization, trade.		
2nd sem				**VI. Polis in ancient Greece**: Athens and Sparta; Greek culture		June
2nd sem			**CC-3 : History of India C 300 BCE to C 750 CE**	**I. Economy and Society (circa 300 BCE to circa CE 300)** a)Expansion of agrarian economy : production relations b)Urban growth: north India, central India and the Deccan; craft Production: trade and trade routes; coinage c)Social stratification: class, Varna, Jati, untouchability; gender; marriage and property relations		Jan
2nd sem				**II. Changing political formations (circa 300 BCE to circa CE 300)** : a)The Mauryan Empire b)Post-Mauryan Poliities with special		Feb

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				reference to the Kushanas and the Satavahanas; Ganasanghas		
				III. Towards early medieval India (circa CE fourth century to CE 750): a) Agrarian expansion: land grants, changing production relations; graded land rights and peasantry. b)The problem of urban decline: patterns of trade, currency, and urban settlements. c)Varna, proliferation of Jatis: changing norms of marriage and property d) The nature of polities: the Gupta empire and its contemporaries: post-Gupta polities- Pallavas, Chalukyas, and Vardhanas		March
				IV. Religion, philosophy and society (circa 300 BCE – CE 750) a)Consolidation of		May

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				the Brahmanical tradition : dharma, Varnashram, Purushastras, Samskaras. b)Theistic cults (from circa second century BC): Mahayana; the Puranic tradition. c) The beginnings of Tantricis		
				V. Cultural developments (circa 300 BCE to circa CE 750): a)A brief survey of Sanskrit, Pali, Prakrit and Tamil literature. Scientific and technical treatises. b)Art and architecture and forms and patronage; Mauryan , Post-Mauryan, Gupta , Post-Gupta		June
Sem-2			**CC-4 : Social Formations and Cultural patters of**	**GROUP- B** **III. Crisis of the Roman Empire and its principal causes: Historiography**		jan

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			the Medieval World other than India			
				IV. Religion and Culture in Medieval Europe: Society, Religious organizations (Church and Monastery), Carolingian renaissance 12th century renaissance, Position of Women in Medieval Europe, Witchcraft and Magic, Urbanization, Rise of University, Medieval art and architecture		February,March
				V. The feudal society its origins and its crisis: Historiography		April
				VI. Judaism and Christianity under Islam		May
4th sem			**CC-8 : Rise**	**a)** Printing Revolution.		Jan

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			of the Modern West - II	b) Revolution in war techniques		
				a.) Crisis in Europe in the 17th century b.) Its economic, social and political dimensions		FEb
				a.) The English Revolution : major issues b.) Political and intellectual issues		Mrach
				a.) Scientific Revolution b.) Emergence of scientific academies c.) Origins of Enlightenment		April
				Va.) Mercantilism and European economics b.) Preludes to the Industrial Revolution		May
				VI. a). European Politics in the 17th & 18th Century b.) Parliamentary monarchy c.) patterns of Absolutism in		June

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				Europe		
			CC-9 : History of India (c 1526 – 1605)	**I. Sources and Historiography:** a) Persian literary culture; translations; Vernacular literary traditions. b)Modern Interpretations		Jan
				II. Establishment of Mughal rule: a) India on the eve of Babur's Invasion b) Fire arms, military technology and warfare c) Humayun's struggle for empire d) Sher Shah and his administrative and revenue reforms		Feb
				III. Consolidation of Mughal rule under Akbar: a) Campaigns and conquests: tactics and technology b) Evolution of administrative institutions : Zabt, Masnab, Jagir, Madad-I-Maash c) Revolts and resistance		March
				IV. Expansion and Integration: a)Incorporation of		May

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				Rajputs and other indigenous groups in Mughal nobility. b)North-West frontier, Gujarat and the Deccan c) Conquest of Bengal **V. Rural Society and Economy:** a)Land rights and revenue system; Zamindars and Peasants; rural tensions b)Extension of agriculture; agricultural production; crop patterns c) Trade routes and patterns of internal commerce; overseas trade; rise of Surat		
				VI. Political and religious ideals: a)Inclusive political ideas: theory and practice b) Religious tolerance and Sulh-i-kul; Sufi mystical and intellectual interventions c)Pressure from the Ulama		June
			CC-10: Histor	**I. Sources: Persian and vernacular literary cultures,**		Jan

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			y of India (c 1605 – 1750s) I.	**histories, memoirs and travelogues** **II. Political Culture under Jahangir and Shah Jahan** a) Extension of Mughal rule; changes in Mansab and Jagir systems; imperial culture b) Orthodoxy and syncretism – Naqshbandi Sufis, Miyan Mir, Dara Shukoh, Samrad		
				III. Mughal Empire under Aurangzeb a) State and religion under Aurangzeb; issues in the war of succession; policies regarding religious groups and institutions b) Conquests and limits of expansion c) Beginning of the crisis: contemporary perceptions; agrarian and Jagir crises; revolts.		Feb
				IV. Visual Culture: Paintings and Architecture **V. Patterns of Regional Politics:** a) Rajput political culture and state		March

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				formation b) Deccan kingdoms; emergence of the Marathas; Shiva; expansion under the Peshwas c) Mughal decline; emergence of successor states d) Interpreting eighteenth century India: recent debates		
				V. Trade and Commerce a)Crafts and technologies; Monetary system b) Markets, transportation, urban centres c) Indian Ocean trade network		April-JUne
4th sem			**SEC-B -1: Museums &Archives in India**	I. Definitions II. History of setting up of Museums and Archives: Some case Studies		JAN
4th sem				III. Field Work; Studying of structures & Functions		FeB\march
4th sem				IV. Training & Employment		April-may

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DEPARTMENT OF HISTORY (GENERAL)

ACADEMIC PLAN 2018-2019

YEAR	NAME OF THE PAPER	PAPER	MODULE	TOPIC	NAME OF THE TEACHER	MONTH
2nd	Indian History from 1556 to 1947	Paper- 2 Unit- I	Mod I	1.1Akbar and the Political expansion of Mughal Empire.	SSG	August-November
				1.2Akbar's relation with the Rajputs.	SSG	August-Novemb

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						er
				1.3Evolution of Akbar's religious policy.	SSG	Novemb er
			Mod II	2.1The Manasabdari System and the emergence of a composite ruling class.	AM	August
				2.2Expanding frontiers of Mughal Empire in post-Akbar India.	AM	August-Novemb er
			Mod III	3.1Climax and crisis of the Mughal Empire under Aurangzeb: Aurangzeb's entanglements in the Deccan .	AM	August-Novemb er
				3.2Rise of Shivaji and the Mughal – Maratha Contest for supremacy.	AM	Novemb er
				3.3Changes in the Rajput policy and the religious policy of the Mughals in the reign of Aurangzeb.	AM	Novemb er
			Mod IV	4.1Mughal economy: land revenue - commercial expansion.	SSG	August

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				4.2Mughal art and architecture.	SSG	Novemb er
				4.3Historiographical debate on the break up of the Mughal Empire.	SSG	Novemb er- Decembe r
			Mod V	5.1Political ascendancy of the English East India Company in Bengal (1757-65)	SS2	Novemb er
				5.2English East India Company's relation with the Indian states – Marathas, Mysore, Sikhs.	SS2	Novemb er- Decembe r
				5.3British policies of colonial annexation – subsidiary alliance, Doctrine of Lapse.	SS2	Decembe r
		Unit II	Mod I	1.1Colonial economy: Land revenue settlements - Bengal, North India, South and west India.	SD	January
				1.2Drain of wealth.	SD	January
				1.3De-industrializati on	SD	February
				2.1English education in Bengal up to 1857.		

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			Mod II		SD	February
				2.2Indian response to westernization: Raja Ram Mohan Roy – Young Bengal, Vidyasagar -Prarthana Samaj - Arya Samaj.	SD	February
				2.3Aligarh movement and the modernization of Islam.	SD	February -March
			Mod III	3.1Early resistance to colonial rule: Wahabi and Faraizi movements – Santal rebellion.	SS2	Decembe r-January
				3.2The revolt of 1857.	SS2	January
				3.3Growth of National Consciousness: Politics of Association - The Birth of Indian National Congress.	SS2	January
			Mod IV	4.1The nature of early Congress under moderate leadership.	AM	March
				4.2Ideology and programme of militant nationalists.	AM	March

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				4.3The Swadeshi movement.	AM	March-April
				4.4The birth of All India Muslim League.	AM	April
				4.5Revolutionary terrorism in Bengal and Punjab.	AM	April
				4.6Impact of the First World War on Indian economy, society and polity.	AM	April
			Mod V	5.1Gandhi and Indian National Movement: Rise of Gandhi - Rowlatt Satyagraha - Khilafat - Non-Cooperation - Civil Disobedience and Quit India Movement.	SS2	March-April
				5.2Nationalist Revolutionary Movements.	SS2	March-April
				5.3Subhas Chandra Bose, the Indian National Army and the Indian Freedom Movement.	SS2	April
				5.4Post war upsurge and the different strands of protest politics.	SS2	April

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				5.5Communal Politics culminating in the partition and transfer of power.	SS2	April
2nd	Modern Europe from 1789 to 1939 A.D.	Paper 3 Unit I	Mod I	1.1Background	SSG	November
				1.2Renaissance and Reformation	SSG	November
				1.3Geographical Discoveries	SSG	November
				1.4Scientific Revolution, Advent of Capitalism (A brief overview)	SSG	November-December
			Mod II	2.1The French Revolution – socioeconomic bakground: Role of the philosophers.	SS2	November
				2.2Progress of the Revolution: Popular Movements: Jacobins and Girondins.	SS2	November-December
			Mod III	3.1Rise of Napoleon: Internal Reconstruction	AM	November-December
				3.2Napoleon and	AM	Decembe

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				Europe. Napoleon and revolution.		r
			Mod IV	4.1Political Developments in Europe from (1815 – 1870)	SSG	Decembe r-January
				4.2Triumph of conservatism – The Matternich System Stages of Italian Unification	SSG	January
				4.3Unification and Consolidation of Germany	SSG	January
				4.4Russia: Attempts at Reforms by Alexander II.	SSG	January
			Mod V	5.1Society and Economy in Nineteenth Century Europe	SD	January-February
				5.2Industrial Advances in England and the Continent 5.3Utopian Socialism and Marxism	SD SD	February February
				5.4Art, Culture, Literature and Science.	SD	February
		Unit II	Mod I	Europe between 1871-1914: New Balance of Power, scramble for colonies	SD	February

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				in asia and Africa.		
			Mod II	The Eastern Question: Main Issues – Crimean War, Balkan Nationalism (A brief overview)	SS2	February
			Mod III	3.1Triple Alliance, Triple Entente and the emergence of two armed camps;	SS2	February
				3.2Origins of the First World War – Issues and Stakes;	SS2	February -March
				3.3Russian Revolution of 1917.	SS2	March
			Mod IV	4.1Peace settlement of 1919: Its long term consequences	AM	Novemb er
				4.2Birth of the German Republic.	AM	Novemb er-Decembe r
			Mod V	5.1Europe in the Inter War period (1919-1939).	AM	Decembe r
				5.2Consolidation of economic and political power of the Soviet State;	AM	Decembe r-January
				5.3Rise of Fascism in Italy;	AM	January
				5.4Rise of Nazism in	AM	January

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				Germany; Aggressive foreign politics;		
				5.5Outbreak of the second World War.	AM	January
				Test and Revision		April-May
3rd	India and the World	Unit I INDIA 1947 – 1964	Mod I	1.1Understanding the causes of the partition of India .	SS2	August
				1.2Impact of Partition on Indian polity, economy , society and culture	SS2	August
			Mod II	2.1Adoption of a republican constitution in 1950: Salient features of the Indian Constitution.	SS2	August-September
				2.2Nehru and the development of Parliamentary democracy in India .	SS2	September
			Mod III	Economic Planning : First three five year plans .	SS2	September
			Mod IV	Social movements in contemporary India	SS2	September-Novemb

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			Mod V	5.1Indo-Pakistan relations .	SS2	Decembe r
				5.2India and the Non-Aligned Movement .	SS2	January
		Unit II World19 45 – 1991	Mod I	Debate on the origins of the cold war.	SSG	Decembe r
			Mod II	2.1Cold war and the emergence of the U.S and Soviet military and economic alliances – NATO , IMF , WARSAW , WTO .	SSG	Decembe r
				2.2U.S. Foreign policy in the post-war period; Truman Doctrine and Marshall Plan .	SSG	January
			Mod III	3.1Bipolarism and regional conflicts :	SSG	January-Febuary
				3.2War in Korea	SSG	February
				3.3Conflict in the Middle East: Arab-Israel War of 1948-49, 1967 , 1973 .	SSG	February -March
			Mod IV	4.1Impact of the	SSG	February

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				emergence of China on the Worlds Politics.		-March
				4.2Sino-Indian relations.	SSG	March
			Mod V	5.1India and the liberation war of Bangladesh.	SSG	March
				5.2The liberation struggle of Vietnam (1954-75).	SSG	March
			Mod VI	End of the socialist regime and the disintegration of U.S.S.R.	SSG	March
				Test and Revision		April
SEM -I	History of India from Earliest Times up to 300 CE		CC-1/GE-1	I.Sources & Interpretation	SS	July-September
				II.A broad survey of Palaeolithic, Mesolithic and Neolithic Cultures	SS	July-September
				III. Harappan Civilization : Origin,	SS	July-Septemb

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				Extent, dominant features &decline, Chalcolithic age.		er
				IV. The Vedic Period: Polity, Society, Economy and Religion, Iron Age with reference to PGW &Megaliths.	SS	July-Septemb er
				V.Territorial States and the rise of Magadha, Conditions for the rise of Mahajanpadas and the Causes of Magadha's success	SS	July-Septemb er
				VI.Iranian and Macedonian Invasions, Alexander's Invasion and impact	SS	Septemb er-Novemb er
				VII.Jainism and Buddhism: Causes, Doctrines, Spread, Decline and Contributions	SS	Septemb er-Novemb er
				VIII.The Satavahanas Phase: Aspects of	SS	Septemb er-

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				Political History, Material Culture, Administration, Religion		Novemb er
				IX.Emergence and Growth of Mauryan Empire; State Administration, Economy, Ashoka's Dhamma, Art &Architecture	SS	Septemb er-Novemb er
				X.The Satvahana Phase: Aspects of Political History, Administration, Material Culture, & Religion	SS	Novemb er-Decembe r
				XI.The Sangam Age: Sangam Literature, The three Early Kingdoms, Society & the Tamil language	SS	Novemb er-Decembe r
				XII.The age of the Indo-Greeks, Shakas: Parthians & Kushanas: Aspects of Polity, Society, Religion, Arts &Crafts, Coins, Commerce and Towns.	SS	Novemb er-Decembe r
SEM -II	Histor y of India from.		CC-2/GE-2	I.The Rise & Growth of the Guptas: Administration, Society, Economy,	DB	February -March

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	C.300 to1206			Religion, Art, Literature, and Science &Technology.		
				II.Harsha & His Times: Harsha's Kingdom, Administration,Buddhism & Nalanda	DB	February -March
				III.South India: Polity, Society, Economy & Culture	DB	February -March
				IV.Towards the Early Medieval: Changes in Society, Polity Economy and Culture with reference to the Pallavas, Chalukayas and Vardhanas.	DB	March-April
				V.Evolution of Political structures of Rashtakutas, Pala &Pratiharas.	AM	February -March
				VI.Emergence of Rajput States in Northern India: Polity,Economy &Society.	AM	March-April
				VII.Arabs in Sindh: Polity, Religion &Society.	AM	April-May

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				VIII.Struggle for power in Northern India &establishment of Sultanate	AM	April-May
				TEST AND REVISION		May-June

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Academic Plan 2018-2019

Business Mathematics & Business Mathematics

Year	Paper/ Course	Chapter	Topic/Unit	Name of the teacher	Month
THIRD SEM		III	**Binomial Theorem :** Statement of the theorem, General term, Middle term, Simple Properties of binomial coefficients.	FB	July
		IV	**Logarithm :** Definition, Base and index of logarithm, General Properties of Logarithm.	ARC	
		V	**Compound Interest and Annuities :** Simple AP and GP Series, Different types of interest rates.	NM	
		III	**Binomial Theorem :** Problems on Binomial Theorem	FB	Aug – Sep
		I	**Permutation :** Definition, Factorial Notation, Theorem on permutation, Permutations with repetitions, Restricted Permutation.	FB	
		II	**Set Theory :** Definition, Presentation of Sets, different types of sets, set operation, Law of algebraic sets.	ARC	
		IV	**Logarithm :** Problems on Logarithm	ARC	
		V	**Compound Interest and Annuities :** Net Present Value, Types of Annuities, Continuous compounding.	NM	
		I	**Combination :** Definition, Theorems on Combination, Basic Identities, Restricted Combination.	FB	Oct - Nov
		V	**Compound Interest and Annuities :** Valuation of simple loans and debentures, problems relating to Sinking Funds.	NM	
		II	**Set Theory :** Different problems on set theory	ARC	
I N T E R N A L E V A L U A T I O N 3rd week of November					
S E M E S T E R E N D E X A M I N A T I O N I N D E C E M B E R					
THIRD		I	**Functions :** Definition of functions; classification of functions; Different types of functions; bounded functions; monotonic functions; even and odd functions; parametric form of functions; composite functions; graphical representation of functions.	NM	July

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Y E A R		II	**Differentiation :** Derivative and its meaning; rules of differentiation; geometrical interpretation; significance of derivative; significance of derivative as rate of measure; second and higher order derivatives.	FB	
		V	**Matrix :** Definition of matrix ; types of matrices; operations on matrices.	ARC	
		I	**Limit and Continuity :** Elementary ideas of limit and continuity through the use of simple algebraic functions.	NM	August-Sept
		II	**Differentiation :** Partial derivative up to second order; homogeneity of function and Euler's theorem; total differentials; differentiation of implicit functions with the help of total differentials.	FB	
		II	**Integration :** Integration as anti-derivative process, standard forms, integration by substitution, by parts and by use of partial functions; definite integral; finding areas in simple cases; consumers producers surplus; nature of commodities learning curve.	FB	
		V	**Matrix :** Adjoint of a matrix; inverse of a matrix; solutions of a system of linear equations by matrix inversion method.	ARC	
		IV	**Determinants :** Determinants of a square matrix upto 3rd order.	ARC	
		III	**Application of Derivative and Integration:** Maximum and minimum values; cost function; demand function; profit function; increasing and decreasing functions; rate measure; Applied problems on average cost(AC); Average variable cost(AVC), Marginal Cost(MC); Marginal Revenue(MR).	NM	Oct - Nov
		II	**Integration :** Integration by substitution, by parts and by use of partial functions; definite integral; finding areas in simple cases; consumers producers surplus; nature of commodities learning curve.	FB	
		IV	**Determinants :** Elementary properties of determinants; minors and co-factors; adjoint of a determinants; Cramer's rule.	ARC	
C L A S S T E S T I N S E P T E M B E R					
M I D T E R M T E S T I N N O V E M B E R					
T E S T E X A M I N A T I O N I N J A N U A R Y					

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Academic Plan 2018-2019

Subject: Mathematics General

Year	Name of the paper	Paper/ Course	Module / Unit	Topic	Name of the teacher	Month
FIRST YEAR		CORE COURSE ONE	UNIT I	**Algebra – I :** Complex Numbers – De Moivers' Theorem and its application, Exponential, Sine, Cosine & logarithm of Complex Number	ARC	July
			UNIT II	**Differential Calculus - I:** Rational number and its geometrical representation , Irrational Number, Concept of Real line & basic properties of Real Number.	FB	
			UNIT III	**Differential Equation - I:** Order , Degree and Foramation of ODE.	SS	
			UNIT IV	**Coordinate Geometry:** Transformations of Rectangular Axes	NM	
			UNIT I	**Algebra – I :** Complex Numbers – Definition of a^z , Inverse Circular and Hyperbolic Function. Polynomials - Fundamental Theorem of Algebra, Nature of Roots of a Polynomial Equation of degree n, Statement of Descarte's Rule of sign and its application. Rolle's Theorem & its direct applications, Relation between roots and coefficients, Symmetric Functions of Roots, Transformation of Equations.	ARC	Aug –Sept
			UNIT II	**Differential Calculus - I:** Real – Valued Functions defined on an	FB	

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				interval, Limit, Continuity of a function, Inverse function , Strictly Monotone Function and its Continuity. Geometrical & Physical interpretation of Derivative, Sign of Derivative, Application of derivative finding approximation. Successive Derivative - Leibnitz's Theorem and its application		
			UNIT III	**Differential Equation - I:** First order equations – Exact Equation, Euler's and Bernoulli's Equation, Clairaut's Equation, General & Singular Solution. Second Order Linear Equation with Constant Coefficients.	SS	
			UNIT IV	**Coordinate Geometry:** General Equation of Second Degree in X and Y. Pair of Straight lines. Equations of pair of tangents, Chord of contact, Poles and Polars in case of Conic (Parabola, Ellipse, Circle, Hyperbola)	NM	
			UNIT I	**Algebra – I :** Cardan's Method of solution of a cubic equation. Rank of a matrix. Solution of System of linear equations with not more than 3 variables by matrix method.	ARC	Oct-Nov
			UNIT II	**Differential Calculus - I:** Functions of Two and Three Variables - Geometrical Representation, limit, continuity, Partial Derivatives, Chain Rule, Exact Differentials, Schwarz's Theorem and Eulers's Theorem for Homogeneous Functions . Application of Differential Calculus : Curvature, Asymptote, Envelope, Singular Points.	FB	
			UNIT III	**Differential Equation - I:** Second Order Differential Equation – Method of variation of parameters, Method of undetermined coefficients.	SS	

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			UNIT IV	**Coordinate Geometry:** Polar equation of straight lines and Circles and Conic referred to a focus as pole. Tangent and Normal. Sphere and its tangent plane. Right Circular Cone.	NM	
Internal Assessment End of November						
Tutorial Examination 1st week of December						
Semester End Examination End of December						
SECOND SEMESTER		CORE COURSE TWO	UNIT I	**Differential Calculus II :** Sequence of real numbers	NM	Feb
			UNIT II	**Differential Equation –II :** Linear Homogeneous Equation with Constant Coefficients, Linear non-homogeneous equations, The method of variation of parameter.	ARC	
			UNIT III	**Vector Algebra :** Addition of Vectors , Multiplication of a vector by a scalar.	ARC	March
			UNIT IV	**Discrete Mathematics :** Integers	SS	
			UNIT I	**Differential Calculus II :** Infinite Series of Constant Terms	NM	
			UNIT II	**Differential Equation –II :** The Cauchy Euler equation,Simultaneous Differential Equations, Simple eigen value problem.	ARC	
			UNIT III	**Vector Algebra :** Collinear and Coplanar Vectors, Scalar and Vector Products	FB	
			UNIT IV	**Discrete Mathematics :** Congruences	SS	
			UNIT I	**Differential Calculus II :** Real Valued Functions defined on an interval (Rolle's Theorem, Mean Value Theorem, Taylor's and Maclaurins Theorem) , Indeterminate Forms, Problems on Maxima and Minima of functions.	FB	April - May
			UNIT II	**Differential Equation –II :** Partial Differential Equation	ARC	
			UNIT III	**Vector Algebra :**	ARC	

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				Vector Equation of Plane and Straight line, Volume of Tetrahedron, Applications to problems of Mechanics (Work Done and Mechanics)		
Internal Assessment End of May						
Tutorial Examination 1st week of June						
Semester End Examination End of June						
		2nd	Mod III	**Analytical Geometry of 3 dimensions: Equations of Straight line,**	NM	Oct-Nov
				Modern Algebra: Definitions and examples of (i) Ring, (ii) Field, (iii) Sub-ring, (iv) Subfield. Concept of Vector space over a Field.	ARC	
			Mod IV	**Differential Calculus:** Functions of two and three variables.	FB	
		3rd	Mod V	**Numerical Methods:** Numerical Integration.	NM	
				Linear Programming: Slack and Surplus variables. L.P.P. is matrix form. Convex set, Hyperplane, Extreme points, Convex Polyhedron, Basic solutions and Basic Feasible Solutions (B.F.S.) Degenerate and Non-degenerate B.F.S. The set of all feasible solutions of an L.P.P. is a convex set. The objective function of an L.P.P. assumes its optimal value at an extreme point of the convex set of feasible solutions. A B.F.S. to an L.P.P. corresponds to an extreme point of the convex set of feasible solutions.	SS	
			Mod VI	**Analytical Dynamics OR Probability and Statistics**	NM	
M I D T E R M T E S T I N N O V E M B E R						
		2nd	Mod III	**Modern Algebra:** Real Quadratic Form,	ARC	Dec

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				Characteristic equation of a square matrix.		
				Analytical Geometry of 3 dimensions: Sphere and its tangent plane. Right circular cone.	NM	
			Mod IV	**Integral Calculus:** Reduction formulae, Definition of Improper Integrals.	FB	
		3rd	Mod V	**Numerical Methods:** Solution of Numerical Equation.	NM	
				Linear Programming: Simplex method	SS	
			Mod VI	**Analytical Dynamics OR Probability and Statistics**	NM	
		2nd	Mod IV	**Differential Equations**	NM	Jan
				Integral Calculus: Double integral, Applications	FB	
		3rd	Mod VI	**Analytical Dynamics OR Probability and Statistics**	NM	
TEST EXAMINATION IN FEBRUARY						
THIRD YEAR		FOURTH PAPER	Mod VII	**Computer Science & Programming:** Boolean algebra	ARC	July
				Computer Science and Programming	SS	
			Mod VIII	**Discrete Mathematics: Integers /Sequence**	FB	
				3rd and 4th order ODE,	ARC	
			Mod VII	**Algorithms and Flow Charts**	SS	August-Sept
				Programming Language	SS, ARC	
			Mod VIII	**Discrete Mathematics: Congruences/Sequence**	FB	
			Mod VII	***I*/O Statements, Sub Programs**	SS, ARC	Oct-Nov
MID TERM TEST IN NOVEMBER						
			Mod VIII	**Discrete Mathematics: Application of Congruences/ Fourier Series**	FB	
				Recurrence Relations and Generating	ARC	

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				functions/2nd Order differential equation		
			Mod VII	**Elements of BASIC Programming Language**	SS	Dec
			Mod VIII	**Discrete Mathematics: Congruence Classes/ PDE**	FB / SS	
T E S T E X A M I N A T I O N I N F E B R U A R Y						

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Academic Plan 2018-2019

Mathematics Honours

Sem / Year	Paper/ Course	Module / Unit	Topic/Unit	Name of the teacher	Month
FIRST SEM	CORE COURSE ONE	UNIT I	**Differential Calculus:** Higher Order Derivatives , Leibnitz Rule	FB	July
			Integral Calculus: Reduction Formula	RPC	
		UNIT II	**Analytical Geometry of 2 Dimensions:** General equation of second degree in *x* and *y*.	NM	
		UNIT III	**Vector Analysis:** Scalar and Vector products of three vectors. Simple applications to problems of Geometry	SS	
		UNIT I	**Differential Calculus:** Curvature , Concavity, Envelope, Asymptote	FB	August-Sept
			Integral Calculus: Parametric Equations, Arc Length of Parametric Curves	RPC	
		UNIT II	**Analytical Geometry of 2 Dimensions:** Tangent & Normal , Polar Equation, Equation of Plane. **Analytical Geometry of 3 Dimensions:** Straight Line, Sphere, Cylinder.	NM	
		UNIT III	**Vector Analysis:** Theory of Couples, System of Parallel Forces, Introduction to Vector Functions	SS	
		UNIT I	**Differential Calculus:** Curve Tracing, L'Hospitals Rule , Application of Differential Calculus	FB	Oct-Nov
			Integral Calculus: Area and Volume	RPC	

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		UNIT II	**Analytical Geometry of 3 Dimensions:**, Central Conicoids, Generating lines, Classifications of Quadrics, Tangent & Normals of Conicoids	NM	
		UNIT III	**Vector Analysis:** Limits, Continuity, Differentiations & Integrations of Vector Functions	SS	
F I R S T S E M	C O R E C O U R S E T W O	Unit I	**Classical Algebra :** Complex Numbers – Polar representation of complex numbers, n-th roots of unity, De-Moiver's Theorem and its application.	ARC	July
			Theory of Equations : Descarte's Rule , Sturm's Theorem	SS	
		Unit II	**Abstract Algebra:** Relation	FB	
			Integer : Well Ordering Property and Principle of Mathematical Induction	ARC	
		Unit III	**Linear Algebra :** Rank of a matrix , Characterizations of Invertible matrix	FB	
		Unit I	**Classical Algebra :** Complex Numbers – Exponential, logarithmic, trigonometric and hyperbolis functions of complex variable. Inequality – AM ≥ GM ≥ HM , Cauchy – Schwartz Inequality	ARC	August - Sept
			Theory of Equation : Relation between roots and coefficients, transformation of equation, Solution of cubic equation by Cardan's Method.	SS	
		Unit II	**Abstract Algebra:** Mapping	FB	
			Integer : Division Algorithm, Divisibility and Euclidean Algorithm, prime numbers, Euclid's Theorem, Congruence, Chinese Remainder Theorem	ARC	
		Unit III	**Linear Algebra :** System of linear equations, Row reduction and Echelon forms, Vector Equations , The matrix equation AX = B	FB	
		Unit I	**Classical Algebra :** Linear Difference Equations with constant coefficients (up to 2nd order)	ARC	Oct - Nov

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			Theory of Equation : Solution of biquadratic equation by Ferrari's Method	SS	
		Unit II	**Abstract Algebra:** Mapping	FB	
			Integer : Fundamental Theorem of Arithmetic , Arithmetic Functions, φ, τ, σ functions and their properties	ARC	
		Unit III	**Linear Algebra :** Solution sets of linear systems and application of linear systems	FB	
Internal Examination					Mid NOV
Tutorial Examination					End NOV
University First Semester Examination					DEC
SECOND SEM	CORE COURSE THREE	Unit I	**Real Analysis – I** **Real number :** Idea of Real Numbers , Countable and Uncountable Sets, Bounded and Unbounded Sets in R, Supremum and Infimum of a set and their properties.	NM	Jan
		Unit II	**Real Analysis – II** **Real Sequence :** Basic idea of Real Sequence , Bounded Sequence, Convergence and non-convergence, examples, Boundedness of Convergent Sequence. Uniqueness of limit. Algebra of limits.	FB	
		Unit III	**Real Analysis – III** **Infinite Series :** Definition, Convergence and Non-convergence of Infinite series, Cauchy Criterion.	ARC	

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		Unit I	**Real Analysis – I** **Real number :** Order completeness axiom, Archimedean Property of R. Density of rational and irrational numbers in R. **Sets in R :** Neighbourhood of a point, Interior Point, Open Set, Union and Intersection of Open Sets, Limit Point and Isolated point of a set. Bolzano Weirstrass theorem for sets, Existence of Limit Point of every uncountable set as a consequence of Bolzano-weirstrass theorem.	NM	Feb - Mar
		Unit II	**Real Analysis – II** **Real Sequence :** Relation between the limit point of a set and the limit of a convergent sequence of distinct elements. Monotone sequences and their convergence. Sandwich Rule. Nested Interval Theorem. Limit of some important sequences : $\left\{n^{\frac{1}{n}}\right\}_n$, $\{x^n\}_n$ $\left\{x^{\frac{1}{n}}\right\}_n$, $\{x_n\}_n$ with $\frac{x_{n+1}}{x_n} \to l$ and $\lvert l \rvert < 1$, $\left\{\left(1+\frac{1}{n}\right)^n\right\}_n$, $\left\{1+\frac{1}{1!}+\frac{1}{2!}+.....+\frac{1}{n!}\right\}_n$, $\{a^{x_n}\}_n (a>0)$. Cauchy's first and second limit theorems.	FB	
		Unit III	**Real Analysis – III** **Infinite Series :** Tests for Convergence of Series of Positive Terms : Comparison Test, Ratio Test, Cauchy's n-th Root Test , Kummer's Test and Gauss Test (statement only).	ARC	

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		Unit I	**Real Analysis – I** **Sets in R :** Derived set, Closed Set, Complement of Open Set and Closed Set, Union and Intersection of closed sets as a consequence, No non-empty proper subset of R is both open and closed. Dense set in R as a having non-empty intersection with every open intervals. Q and R-Q are dense in R.	NM	April-May
		Unit II	**Real Analysis – II** **Real Sequence :** Subsequence. Subsequential limits, lim sup as the LUB and lim inf as the GLB of a set containing all the subsequential limits. Alternative definition of lim sup and lim inf of a sequence. A bounded sequence $\{x_n\}$ is convergent iff lim sup x_n = lim inf x_n . Every sequence has a monotone subsequence. Bolzano-Weirstrass Theorem for sequence. Cauchy's Convergence Criterion. Cauchy Sequence.	FB	
		Unit III	**Real Analysis – III** **Infinite Series :** Alternating series . Tests for Convergence of alternating series : Leibnitz Test. Absolute and Conditional Convergence.	ARC	
SECOND SEM	CORE COURSE FO	Unit I	**Abstract Algebra – I** **Concept of Group :** Definition of a Group, Properties of Group, Examples of Commutative and non-commutative Groups.	SS	Jan
		Unit II	**Abstract Algebra – II** **Cyclic Groups :** Definition & Properties of Cyclic Groups, Classification of Subgroups of Cyclic Groups.	RPC	
		Unit III	**Abstract Algebra – III**	RPC	

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	U R		**Normal Subgroup & Quotient Group:** Definition of Normal Subgroup & its Properties. Examples of Normal Subgroup.		
		Unit I	**Abstract Algebra – I** **Concept of Group :** Symmetries of a Square, Dihedral Group, Quarternion Groups(through matrices), Order of an element, Order of a Group. **Subgroups :** Definition of Subgroups, Examples of Subgroups.	SS	Feb - Mar
		Unit II	**Abstract Algebra – II** **Symmetric & Alternating Group :** Cycle Notation for Permutations, even and odd Permutation, Idea of Symmetric Group and Alternating Group.	RPC	
		Unit III	**Abstract Algebra – III** **Normal Subgroup & Quotient Group:** Concept of Quotient Group. Examples of Quotient Group. **Group Homomorphisms :** Definition & properties of Group Homomorphism. Correspondence Theorem, one one correspondence between the set of all normal subgroups of a group & the set of all congruences on that Group.	RPC	
		Unit I	**Abstract Algebra – I** **Subgroups :** Necessary and Sufficient Condition for a Non-empty Subset of a Group to be a Subgroup. Normalizer, Centralizer, Centre of a Group, Product of Two Subgroups.	SS	April - May
		Unit II	**Abstract Algebra – II** **Coset :** Definition and Properties of Cosets, Lagrange's Theorem, Fermat's Little Theorem.	RPC	
		Unit III	**Abstract Algebra – III** **Group Homomorphisms :** .	RPC	

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			Cayley's Theorem, Properties of isomorphisms, First, Second & Third Isomorphism Theorems.		
Internal Examination					Mid MAY
Tutorial Examination					End MAY
University Second Semester Examination					JUNE
SECOND YEAR	3A	Mod V	**Modern Algebra II** Cosets and Lagrange's theorem. Cyclic groups. Generator, Subgroups of cyclic groups. Necessary and sufficient condition for a finite group to be cyclic. Permutation.	RPC	Sept
	3A	Mod V	**Linear Programming:** Definition of L.P.P. Formation of L.P.P. from daily life involving inequations. Graphical solution of L.P.P.	SS	
	3B	Mod VI	**Differential Equation I:** Ordinary differential equation	ARC	
	4A	Mod VII	**Real-Valued Functions of Several Real Variables:** Point sets in two and three dimensions, Concept of functions on IR_n. Function of two and three variables: Limit	FB	
	4B	Mod VIII	**Analytical Geometry of 3 Dimensions II:** Sphere, Cone, Cylinder.	NM	
	4B	Mod VIII	**Analytical Dynamics of A Particle I:** Newton's laws and its applications to elementary problems of simple harmonic motion, inverse square law and composition of two simple harmonic motions. Centre of mass. Basic kinematic quantities : momentum, angular momentum and kinetic energy. Principle of energy and momentum. Work and power. Simple examples on their applications. Collision of elastic bodies.	NM	
	3A	Mod V	**Modern Algebra II:**Rings and Fields	RPC	Oct
	3A	Mod V	**Linear Programming:** Basic solutions and Basic Feasible Solution (BFS) with reference to L.P.P. Matrix formulation of L.P.P. Degenerate and Non-degenerate B.F.S. Hyperplane, Convex set, Cone, extreme points, convex hull and convex polyhedron. Supporting and Separating	SS	

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			hyperplane. The collection of all feasible solutions of an L.P.P. constitutes a convex set. The extreme points of the convex set of feasible solutions correspond to its B.F.S. and conversely. The objective function has its optimal value at an extreme point of the convex polyhedron generated by the set of feasible solutions. In the absence of degeneracy, if the L.P.P. admits of an optimal solution then at least one B.F.S. must be optimal. Reduction of a F.S. to a B.F.S. Simplex method, Duality theory.		
	3B	Mod VI	**Differential Equation I:** Equations of first order and first degree, First order linear equations, Equations of first order but not of first degree, Applications.	ARC	
	4A	Mod VII	**Real-Valued Functions of Several Real Variables:** Function of two and three variables : continuity. Partial derivatives. Sufficient condition for continuity. Relevant results regarding repeated limits and double limits.	FB	
	4B	Mod VIII	**Analytical Geometry of 3 Dimensions II:** Ellipsoid, Hyperboloid, Paraboloid, Tangent planes, Normals, Enveloping cone, Surface of Revolution, Ruled surface.	NM	
	4B	Mod VIII	**Analytical Dynamics of A Particle I:** Damped harmonic oscillator. Motion under gravity with resistance proportional to some integral power of velocity. Terminal velocity. Simple cases of a constrained motion of a particle. Tangent and normal accelerations. Circular motion. Radial and cross-radial accelerations.	NM	
C L A S S T E S T I N O C T O B E R					
	3A	Mod V	**Linear Programming:** Transportation and Assignment problems.	SS	Nov
	3B	Mod VI	**Analysis II:** Infinite Series of real numbers:	RPC, FB	
	3B	Mod VI	**Differential Equation I:** Higher order linear equations with constant co-efficients	ARC	
	4A	Mod VII	**Real-Valued Functions of Several Real Variables:** Functions $IR_2 \longrightarrow IR$:	FB	

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			Differentiability, chain rule, Euler's theorem and its converse. Commutativity of the second order mixed partial derivatives : Theorems of Young and Schwarz. Jacobian of two and three variables, simple properties including function dependence. Concept of Implicit function : Statement and simple application of implicit function theorem for two variables Differentiation of Implicit function. Taylor's theorem for functions two variables. Lagrange's method of undetermined multipliers for function of two variables (problems only).		
	4B	Mod VIII	**Analytical Geometry of 3 Dimensions II:** Generating lines of hyperboloid of one sheet and hyperbolic paraboloid. Transformation of rectangular axes Knowledge of Cylindrical, Polar and Spherical polar co-ordinates, their Relations.	NM	
	4B	Mod VIII	**Analytical Dynamics of A Particle I:** Motion of a particle in resisting medium. Motion of a projectile in a resisting medium. Trajectories in a resisting medium where resistance.	NM	
M I D T E R M T E S T I N N O V E M B E R					
	3A	Mod V	**Linear Programming:** Game Theory.	SS	Dec-Jan
	3B	Mod VI	**Analysis II:** Derivatives of real –valued functions of a real variable	RPC, FB	
	3B	Mod VI	**Differential Equation I:**Second order linear equations with variable co-efficients, Simple eigenvalue problems, Simultaneous linear differential equations. Total differential equation, Partial differential equation (PDE).	ARC	
	4B	Mod VIII	**Application of Calculus**	SS, ARC	
	4B	Mod VIII	**Analytical Statics I**	NM	
T E S T E A M I N A T I O N O N F E B R U A R Y					
THIRD	5A	Mod IX	**Analysis III:** Compactness in IR, Function of bounded variation (BV), Riemann integration.	RPC	July
	6A	Mod XI	**Vector Calculus II**	SS	
	5B	Mod X	**Tensor Calculus**	ARC	
	6A	Mod XI	**Analytical Statics II:** Centre of Gravity	NM	

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Y E A R	6A	Mod XI	**Analytical Dynamics of A Particle II:** Central forces and central orbits, Planetary motion and Kepler's laws.	NM	
	7B	Mod XIV	**Probability:** Random experiments. Simple and compound events. Event space. Classical and frequency definitions of probability and their drawbacks. Axioms of Probability. Statistical regularity. Multiplication rule of probabilities. Bayes' theorem. Independent events. Independent random experiments. Independent trials. Bernouli trials and binomial law. Poisson trials.	FB	
	8A	Mod XV	**Numerical Analysis:** What is Numerical Analysis ? Errors in Numerical computation, Operators.	SS	
	8B	Mod XVI	**Practical:** INTERPOLATION	NM	
	5A	Mod IX	**Analysis III:** Sequence and Series of functions of a real variable.	RPC	August -Sept
	5B	Mod X	**Tensor Calculus**	ARC	
	5B	Mod X	**Differential Equations II**	ARC	
	6A	Mod XI	**Analytical Statics II** : Virtual work, Stable and unstable equilibrium,	NM	
	6A	Mod XI	**Analytical Dynamics of A Particle II:**, Motion of a smooth cure under resistance, Varying mass problems. Linear dynamical systems, preliminary notions.	NM	
	8A	Mod XV	**Numerical Analysis:** Interpolation, Numerical Differentiation	SS	
	7B	Mod XIV	**Probability:** Random variables. Probability distribution. Distribution function. Discrete and continuous distributions. Binomial, Poisson, Gamma, Uniform and Normal distribution. Poisson Process(only definition). Transformation of random variables.	FB	
	8B	Mod XVI	**Practical:** Numerical Differentiation, Numerical Integration, Solution of Equations.	NM	
C L A S S T E S T I N A U G U S T					
	5B	Mod X	**Linear Algebra II:** Linear transformation (L.T.) on Vector Spaces, Linear Transformation and Matrices.	ARC	Oct-Nov

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	6A	Mod XI	**Analytical Statics II** :Forces in the three dimensions.	NM	
	6B	Mod XII	**Rigid Dynamics:** Momental ellipsoid, Equimomental system. Principal axis. D'Alembert's principle, Equation of motion of a rigid body about a fixed axis, Compound pendulum.	NM	
	6B	Mod XII	**Hydrostatics:** Fluid. Perfect Fluid, Pressure, centre of pressure.	ARC	
	7A	Mod XIII	**Metric Space**	FB	
	7B	Mod XIV	**Probability:** Two dimensional probability distributions. Discrete and continuous distributions in two dimensions.Uniform distribution and two dimensional normal distribution. Conditional distributions. Transformation of random variables in two dimensions. Mathematical expectation. Mean, variance, moments, central moments. Measures of location, dispersion, skewness and kurtosis. Median, mode, quartiles.	FB	
	7B	Mod XIV	**Statistics:** Random sample. Concept of sampling and various types of sampling. Sample and population. Collection, tabulation and graphical representation. Grouping of data.Sample characteristic and their computation. Sampling distribution of a statistic. Estimates of a population characteristic or parameter. Unbiased and consistent estimates. Sample characteristics as estimates of the corresponding population characteristics. Sampling distributions of the sample mean and variance. Exact sampling distributions for the normal populations. Bivariate samples. Scatter diagram. Sample correlation co-efficient. Least square regression lines and parabolas. Estimation of parameters. Method of maximum likelihood. Applications to binomial, Poisson and normal population.	FB	

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	8A	Mod XV	**Numerical Analysis:**Numerical Integration, Numerical solution of non-linear equations	SS	
	8A	ModXV	**Computer Programming**	SS	
	8B	Mod XVI	**Practical:** Solution of System of Linear Equations, Dominant Eigenpair.	NM	
M I D T E R M T E S T I N N O V E M B E R					
	5B	Mod X	**Modern Algebra III:** Normal sub-groups of a Group, Homomorphism and Isomorphism of Groups.	RPC	Dec
	6B	Mod XII	**Hydrostatics:** Equilibrium of fluids in given fields of force, Rotating fluids. The stability of the equilibrium of floating bodies, Pressure of gases.	ARC	
	6B	Mod XII	**Rigid Dynamics:**Equations of motion of a rigid body moving in two dimensions, Equations of motion under impulsive forces.	NM	
	7A	Mod XIII	**Analysis IV:** Improper Integral, Beta and Gamma function, Fourier series, Multiple integral.	RPC	
	7A	Mod XIII	**Complex Analysis**	RPC	
	7B	Mod XIV	**Probability:** Moment generating function. Characteristic function. Two-dimensional expectation.Covariance, Correlation co-efficient, Joint characteristic function. Multiplication rule for expectations. Conditional expectation. Regression curves, least square regression lines and parabolas. Chi-square and *t*-distributions and their important properties (Statements only). Tchebycheff's inequality. Convergence in probability. Statements of : Bernoulli's limit theorem. Law of large numbers. Poissons's approximation to binomial distribution and normal approximation to binomial distribution. Concepts of asymptotically normal distribution. Statement of central limit theorem in the case of equal components and of limit theorem for characteristic functions.	FB	
	7B	Mod XIV	**Statistics:** Confidence intervals. Interval estimation for parameters of normal	FB	

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			population.Statistical hypothesis. Simple and composite hypothesis. Best critical region of a test. Neyman-Pearson theorem (Statement only) and its application to normal population. Likelihood ratio testing and its application to normal population. Simple applications of hypothesis testing.		
	8A	Mod XV	**Numerical Analysis:** Numerical solution of a system of linear equations. Eigenvalue Problems, Numerical solution or Ordinary Differential Equation.	SS	Dec
	8B	Mod XVI	**Practical:** Numerical Solution of first order ordinary Differential Equation, Problems of Curve Fitting.	NM	
	8B	Mod XVI	**Practical:** ON COMPUTER	NM	
T E S T E X A M I N A T I O N I N J A N U A R Y					

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Academic Plan
Department of Sociology
Session: 2018-19

B.A. 1st Year General Course
Semester-1, Paper: GE/CC-1
(Introduction to Sociology)

Group-A	**1.Sociology: Discipline and Perspective**		**Time**
	1.1	Nature and Scope of Sociology.	July to Aug
	1.2	Sociology as a science.	
	1.3	Sociology and Common Sense	
Group-B	**2.Sociology and Other Social Sciences**		**Time**
	2.1	Sociology and Social Anthropology	Aug to Sep
	2.2	Sociology & Psychology	
	2.3	Sociology & History	
Group-C	**3.Basic Concepts**		**Time**
	3.1	Individual and Group	Nov to Dec
	3.2	Association and Institutions	
	3.3	Culture and Society	
	3.4	Social Change	

B.A. 1st Year General Course
Semester-2, Paper: CC/GE-2
(Sociology of India)

Group-A	**1.India as a Plural Society**			**Time**
	1.1	Unity and Diversity		Up to 15th Jan
	1.2	Problems of National Unity		
Group-B	**2.Social Institutions and Practices**			**Time**
	2.1	Caste		Jan to Mar
		2.1.1	Sanskritization	
		2.1.2	Changing Aspects	
	2.2	Tribe		
		2.2.1	Features	
		2.2.2	Tribes in contemporary India	
	2.3	Class		
		2.3.1	Rural class	
		2.3.2	Urban class	
	2.4	Village		
		2.4.1	Self-sufficient village community	
	2.5	Family and Kinship		

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		2.5.1	Types of family	
		2.5.2	Kinship in India	
Group-C	**3.Identities and Change**			**Time**
	3.1	Dalits' Movement		April
	3.2	Women's Movement		
Group-D	**4.Challenges to State and Society**			**Time**
	4.1	Communalism		May to June
		4.1.1	Problems	
		4.1.2	Solution	
	4.2	Secularism		
		4.2.1	Concept	
		4.2.2	Nature	

B.A. 2nd Year General Course
Paper-II
(Sociological Thought)

Term-I	**Group-A**		**Time**
	Module-I	(a)Transition from socio-philosophical thought to sociological thought, emergence of sociology as a new discipline	

Term-II	**Group-A**		**Time**
	Module-I	(b)August Comte: Positivism, Law of Three stages	
	Module-II	(a)Herbert Spencer: Organic analogy, Theory of social evolution	
		(b)Emile Durkheim: Division of Labour, Suicide, Religion	

Term-III	**Group-B**		**Time**
	Module-III	(a) Karl Marx: Dialectics and Historical Materialism, Class and Class Struggle	
		(b)Max Weber: Protestant Ethic and Spirit of Capitalism, Typology of authority with reference to bureaucracy	
	Module-IV	(a) Development of sociological thought in India-a brief account	
		(b)Approaches to the study of Indian society: Indological, Historical and Dialectical	

Paper-III
(Society in India)

Term-I	**Group-A**		**Time**
	Module-I	(a)Society in pre-British India: Landownership pattern, self-sufficient village economy and the Jajmani system	

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	Group-A		Time
Term-II	Module-I	(b)Impact of British rule on Indian Society: commercialization of agriculture, growth of rural poverty and indebtedness, rise of new social classes	
	Module-II	(a)Modern India: symbol of unity and diversity, problems national integration	
		(b)Changing scenario of marriage and family: Impact of post-independence social legislations	
		(c) Changing status of women	

	Group-B		Time
Term-III	Module-III	(a) Caste system, Social mobility in the caste system: role of Sanskritization, Caste dynamics, Caste and class.	
		(b)Critical assessment of land reforms in India with special reference to West Bengal	
	Module-IV	(a) Rural Development in India: Role of Panchayati raj system with special reference to West Bengal	
		(b)Pattern of urbanization in India: characteristic feature and social effect	

B.A. 3rd Year General Course
Paper-IV
(Social Problems in India)

	Group-A		Time
Term-I	Module-I	(a)Concepts of social disorganization and social problem (b) Population problem, Poverty in rural and urban areas	

	Group-A		Time
Term-II	Module-II	(a)Child labour, Problems of the youth, Old age problem	
		(B)Violence against women, women and inequality in education and work place	

	Group-B		Time
Term-III	Module-III	(a)Mass illiteracy, Juvenile delinquency, Drug addiction	
		(b)Crime in men and women	
	Module-IV	(a) Communalism, Ethnicity, problems of national integration	
		(b)Environmental problems, Terrorism, Problems of cyber crime	

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Academic Plan 2018-19

Subject: Statistics (General)

ACADEMIC PLAN – STATISTICS (General) Part-II

Year	Name of the paper	Paper	No.of Module	Topic/Unit	Name of the teacher	Month
2nd		II		Unit I		
	Sampling Distributions and Point Estimation		Mod 1	Concepts of Population and sample.	Asgar Ali	Aug
			Mod2	Random Sampling and Sampling Distributions of Statistics	AA	Sept
			Mod 3	sampling distribution of sum of independent Binomial and Poisson variables. $\chi 2$, t and F distributions (derivations excluded)	AA	Sept

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			Mod4	sampling distribution of mean and variance of independent Normal variables.	AA	Sept
				Unit II		
	Statistical Inference	II	Mod 1	Statistical tests of Hypotheses – Null and Alternative hypotheses	Sremoyee Das	Aug
			Mod 2	Exact tests of hypotheses under Normal set-up for a single mean, the equality of two means, a single variance and the equality of two variances	SD	Sept
			Mod 3	Test of Significance of sample correlation coefficient (null case) and tests of hypotheses for the equality of means and equality of variances of a bivariate Normal distribution	SD	Sept
				CLASS TEST		
				Unit- I		

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	Sampling Distributions and Point Estimation		Mod 5	Point Estimation of a population parameter – concepts of Bias and Standard Error of an estimator,concepts of Unbiasedness, Minimum Variance	AA	Oct
			Mod 6	Consistency and Efficiency of an estimator, Method of Moments, Maximum Likelihood Method of estimation	AA	Oct
			Mod 7	Method of Least Squares, Point estimators of the parameters of Binomial, Poisson, and univariate Normal distributions.	AA	Nov
	Economic Statistics		Mod 8	Index Number – construction and use of price index numbers and tests in connection with them, Consumer and Wholesale price index numbers, their uses and major steps in their construction.	AA	Dec
`				Unit-II		

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	Statistical Inference		Mod 4	Interval Estimation – Confidence Interval and Confidence Coefficient, Exact confidence interval under Normal set-up for a single mean, single variance, the difference of two means and the ratio of two variances	SD	Oct
			Mod 5	Large Sample Tests and related Interval Estimates of a single mean and a single proportion and difference of two means & two proportions, Pearsonian $\chi 2$ tests for goodness of fit & for homogeneity and independence in a contingency table.	SD	Nov

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	Population Statistics		Mod 6	Vital events, Rates and Ratios, Measurement of Mortality – Crude, Specific and Standardized death rates, Complete Life Table, Measurement of Fertility and Reproduction – Crude Birth Rate, General, Specific and Total fertility rates, Gross and Net reproduction rates.	SD	Dec
				MID TERM TEST		Dec
				Unit I		
	Time Series Analysis		Mod 8	Different components of a times series, determination of Trend by method of simple moving-averages and by fitting mathematical curves by least	AA	Jan
				Unit-II		

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	Statistical Quality Control		Mod 7	Advantages of statistical quality control, Construction of control charts by attributes (p, c, np) and variables ($-X$, R).	SD	Jan
			Mod 8	Sampling Inspection Plan by attributes, OC, ASN (and ATI), LTPD and AOQL for single sampling plan.	SD	Jan
				SELECTION TEST		Feb

ACADEMIC PLAN – STATISTICS (General) Part-III

Year	Name of the paper	Paper	No.of Module	Topic/Unit	Name of the teacher	Month
3rd		III		Unit I		

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	Sample Survey Methods:		Mod 1	Concepts of population and sample, Need for sampling, Stages in the design and conduct of sample surveys**.** .	Asgar Ali	Aug
			Mod2	Concept of probability sampling, Random Number tables. Simple random sampling with and without replacement .	AA	Sept
			Mod 3	Stratified random sampling – associated unbiased estimators of population mean, total and proportion, their variances and unbiased variance estimators.	AA	Sept

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			Mod 4	Linear Systematic sampling, Two-stage sampling (with primary units of equal size and equal selection probability at each stage) – unbiased estimation of population mean and total.	AA	Sept
				CLASS TEST		
	Design & Analysis of Experiments		Mod 5	Analysis of Variance in one-way classified data and two-way classified data with equal number of observations in each cell..	Sremoyee Das	Oct
			Mod 6	Basic principles of design – Randomization, Replication and Local Control, Completely Randomized design	SD	Nov

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			Mod 7	Randomized Block design and Latin Square design, applications of the technique of Analysis of Variance for the analysis of data collected under these designs.	SD	Dec
				MID TERM TEST		
				Revision	SD	Jan
				SELECTION TEST		Feb
				University Examination		April

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Academic Plan 2018-19

Subject: Statistics

ACADEMIC PLAN – STATISTICS (General)

Semester-I(GE1/CC1)

Semester I	Name of the paper	Topic/Unit	Name of the teacher	Month
		Unit I		
	Descriptive Statistics	Definition and scope of Statistics, concepts of statistical population and sample. quantitative and qualitative, attributes, variables, scales of measurement - nominal, ordinal, interval and ratio.	Asgar Ali	Aug

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		Frequency Distribution, Cumulative Distribution and their graphical representation, Histogram . Frequency Polygon, Frequency curve and Ogive	AA	Sept
		Internal Test		Sept
		Unit II		
		Measures of Central Tendency: mathematical and positional. Measures of Dispersion: range, quartile deviation, mean deviation, standard deviation	AA	Oct

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		coefficient of variation, moments, skewness and kurtosis.	AA	Nov
		Internal Test		Oct
		Unit III		
		Bivariate data: Definition, scatter diagram, simple, partial and multiple correlation (3 variables only), rank correlation (Spearman).	SD	Aug

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		Simple linear regression, principle of least squares and fitting of polynomials and exponential curves.	SD	Oct
		Internal Test		Nov
		Final University Exam		Dec

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Academic Plan 2018-19

Subject: Statistics ACADEMIC PLAN –

STATISTICS (General)

Semester-II(GE2/CC2): Elementary Probability Theory

Semester II	Name of the paper	Topic/Unit	Name of the teacher	Month
		Unit I		
	Elementary Probability Theory	Probability: Introduction, random experiments, sample space, events and algebra of events. Definitions of Probability – classical, statistical, and axiomatic.	AA	Jan

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		Conditional Probability, laws of addition and multiplication, independent events, theorem of total probability, Bayes' theorem and its applications.	AA	Feb
		Internal Test		Feb
		Unit II		

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		Random Variables: Discrete and continuous random variables, p.m.f., p.d.f., c.d.f. Illustrations of random variables and its properties. Expectation, variance, moments.	AA	Mar
		Internal Test		Mar
		Unit III		

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		Standard probability distributions: Binomial, Poisson, geometric, negative binomial, Uniform, normal, exponential.	AA	Apr
		Weak law of large numbers and Lindeberg-Levy Central Limit Theorem (C.L.T).		May
		Internal Test		May
		Final University Exam		Jun

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