ACADEMIC PLAN
2020-21

DEPARTMENT OF BENGALI

K. K. DAS COLLEGE

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)

Module	Topic	Faculty	Month
I	বাংলা ভাষা ও সাহিত্যের ইতিহাস সম্পর্কিত সাধারণ ধারনা	PC	Dec-Jan
	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	Dec-Jan
	বৈষ্ণব পদাবলী – বিদ্যাপতি, চন্ডীদাস, জ্ঞানদাস, গোবিন্দদাস	SP	Jan-Feb
	চৈতন্য-চরিত সাহিত্য – চৈতন্যভাগবত, শ্রীচৈতন্যচরিতামৃত	SP	Feb
III	মঙ্গলকাব্যের উদ্ভব ও বিকাশ	AB	Dec-Jan
	মনসামঙ্গল, ধর্মমঙ্গল, চন্ডীমঙ্গল ও অন্নদামঙ্গল	AB	Dec-Jan
	প্রণয়োপাখ্যান – শাহ মহম্মদ সগীর, দৌলত কাজীও আলাওল	AB	Jan-Feb
	শাক্ত পদাবলী – রামপ্রসাদ সেন ও কমলাকান্ত ভট্টাচার্য	AB	Feb

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	Dec-Jan
	উচ্চারণস্থান ও উচ্চারণপ্রকৃতি অনুযায়ী বাংলা স্বর ও ব্যঞ্জনধ্বনিগুলির পরিচয়	AC	Dec-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	Dec-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

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	Apr-June
	আধুনিক বাংলা নাটকের উদ্ভব ও বিকাশ	AC	Apr-June
Module II কথাসাহিত্য ও সাময়িক পত্র	নকশা-কথাগদ্য থেকে উপন্যাস- বাংলা উপন্যাসের উদ্ভব ও বিকাশ	AC	May-June
	বাংলা সাময়িক পত্রের উদ্ভব ও বিকাশ	PC	May-June
Module III গদ্য ও প্রবন্ধ	বাংলা সাহিত্যে গদ্য রীতি গৃহীত হওয়ার পটভূমি	PC	Apr-May
	বাংলা গদ্যের চর্চা ও বিকাশে শ্রীরামপুর মিশন ও ফোর্ট উইলিয়াম কলেজের ভূমিকা	PC	May-June
	বাংলা গদ্যের বিকাশে বিভিন্ন সাময়িক পত্রের অবদান	PC	May-June
	বাংলা গদ্য ও প্রবন্ধ সাহিত্যের বিকাশ	AB	Apr-May

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

বাংলা সাহিত্য : প্রবেশক পাঠ

Faculty: Dr. Anjana Brahma (AB), Dr. 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	Apr-June
Module II কথাসাহিত্য	বঙ্কিমচন্দ্র চট্টোপাধ্যায় - কপালকুন্ডলা	AR	Apr-June
	শরৎচন্দ্র চট্টোপাধ্যায় - অভাগীর স্বর্গ, পরশুরাম - লম্বকর্ণ, সতীনাথ ভাদুড়ী - চরণদাস এম. এল. এ, সমরেশ বসু - আদাব	PC	Apr-June
Module III নাটক ও গদ্য প্রবন্ধ	দীনবন্ধু মিত্র - নীলদর্পন	AC	Apr-May
	রবীন্দ্রনাথ ঠাকুর - বাজেকথা, প্রমথ চৌধুরী - বইপড়া	SP	Apr-May
	অবনীন্দ্রনাথ ঠাকুর - সৌন্দর্যের সন্ধানে, সোফিয়া খাতুন - উনবিংশ শতাব্দীর নারীবিপ্লব	AC	May-June

Semester- III

Bengali Core Course V: BNG-A-CC-3-5-TH-TU
বাংলা সাহিত্যের ইতিহাস (বিংশ শতক)

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

Module	Topic	Faculty	Month
I	কাব্য-কবিতা	SP	Aug- Sept
	নাটক	AC	Aug- Sept
II	কথাসাহিত্য	PC	Aug- Sept
III	গদ্য ও প্রবন্ধ	PC	Aug-Sept
	সাময়িক পত্র	PC	Nov-Dec

Bengali Core Course VI: BNG-A-CC-3-6-TH-TU
ঐতিহাসিক ভাষাবিজ্ঞান

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

Module	Topic	Faculty	Month
I	ভাষা, প্রাচীন ভারতীয় আর্যভাষা থেকে বাংলা ভাষার উদ্ভব	AC	Aug- Sept
II	প্রাচীন ও আদি-মধ্য বাংলা ভাষার ভাষাতাত্ত্বিক লক্ষণ	AR	Aug- Sept
III	অন্ত-মধ্য বাংলা ভাষার ভাষাতাত্ত্বিক লক্ষণ	AR	Nov-Dec
	আধুনিক বাংলা ভাষার ভাষাতাত্ত্বিক লক্ষণ	AC	Nov-Dec

Bengali Core Course VII: BNG-A-CC-3-7-TH-TU
কথাসাহিত্য

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

	Topic	Faculty	Month
Module I	যোগাযোগ – রবীন্দ্রনাথ ঠাকুর	AB	July- Sept
Module II	পদ্মানদীর মাঝি – মানিক বন্দ্যোপাধ্যায়	SP	July- Sept
Module III	রবীন্দ্রনাথ ঠাকুরের ছোটগল্প	AB	Nov-Dec
	একালের ছোটগল্প সঞ্চয়ন	PC	Nov-Dec

Skill Enhancement Course (SEC): BNG-A-SEC-A-3-2-TH
ব্যবহারিক বাংলা - ১

Faculty: Dr. Anunoy Chaterjee (AC)

Module	Topic	Faculty	Month
I	গল্প/উপন্যাস থেকে কাহিনি, নাট্যরূপ/চিত্রনাট্য নির্মাণ	AC	Sept
II	বাংলা শব্দের সঠিক উচ্চারণ, ছন্দ, আবৃত্তিচর্চা	AC	Nov
III	সাহিত্য ও চলচ্চিত্র	AC	Dec

Semester- IV

Bengali Core Course VIII: BNG-A-CC-4-8-TH-TU
প্রাগাধুনিক সাহিত্য

Faculty: Dr. Putul Chakraborty (PC), Sripati Pramanik (SP) & Anamika Roy (AR)

Module	Topic	Faculty	Month
I	বৈষ্ণব পদাবলী	AR	Apr-Jun
II	চন্ডীমঙ্গল (১ম খন্ড) – মুকুন্দ চক্রবর্তী	PC	Apr-Jun
III	শাক্ত পদাবলী	SP	Apr-Jun

Bengali Core Course IX: BNG-A-CC-4-9-TH-TU
ছন্দ, অলংকার ও কাব্যতত্ত্ব

Faculty: Dr. Anjana Brahma (AB), Dr. Anunoy Chaterjee (AC)

Module	Topic	Faculty	Month
I	ছন্দ	AC	Apr-Jun
II	অলংকার	AB	Apr-Jun
III	কাব্যতত্ত্ব	AB	Apr-Jun

Bengali Core Course X: BNG-A-CC-4-10-TH-TU
প্রবন্ধ ও বিবিধ রচনা

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

Module	Topic	Faculty	Month
I	কমলাকান্তের দপ্তর – বঙ্কিমচন্দ্র চট্টোপাধ্যায়	SP	Apr-May
	একালের প্রবন্ধ সঞ্চয়ন	PC	May-Jun
II	সাহিত্য – রবীন্দ্রনাথ ঠাকুর	AB	May-Jun
	একালের সমালোচনা সঞ্চয়ন	AC	Apr-May
III	ছিন্নপত্র - রবীন্দ্রনাথ ঠাকুর	AR	Apr-Jun

Skill Enhancement Course (SEC): BNG-A-SEC-B-4-2-TH
ব্যবহারিক বাংলা - ২

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

Module	Topic	Faculty	Month
I	সৃজনশীল রচনা	AC	Apr-May
II	বাংলা বানানের বিবর্তন, বানান বিধি	AC	May-Jun
III	আন্তর্জাতিক ধ্বনিমূলক বর্ণমালা (IPA), রোমীয় লিপি	AR	May-Jun

Semester- V

Bengali Core Course XI: BNG-A-CC-5-11-TH-TU
সাহিত্যের রূপ ও রীতি

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

Module	Topic	Faculty	Month
I	কবিতার বিভিন্ন রূপকল্প	AR	Aug-Nov
	নাটকের রূপকল্প	AC	Aug-Nov
II	উপন্যাস ও ছোটগল্প	AC	Dec-Jan
III	প্রবন্ধ, সামালোচনা ও অন্যান্য সংরূপ	AR	Dec-Jan

Bengali Core Course XII: BNG-A-CC-5-12-TH-TU
নাটক ও নাট্যমঞ্চ

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

Module	Topic	Faculty	Month
I	বুড় সালিকের ঘাড়ে রোঁ – মধুসূদন দত্ত	PC	Aug-Nov
	মুক্তধারা - রবীন্দ্রনাথ ঠাকুর	AB	Aug-Nov
II	কারাগার – মন্মথ রায়	PC	Dec-Jan
	টিনের তলোয়ার – উৎপল দত্ত	SP	Dec-Jan
III	রঙ্গমঞ্চের ইতিহাস	PC	Dec-Jan
	ন্যাশানাল থিয়েটার থেকে নবনাট্য আন্দোলন	SP	Dec-Jan

Discipline Specific Elective: BNG-A-DSE-A-5-2-TH-TU
বাংলাদেশের সাহিত্য

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

	Topic	Faculty	Month
Module I কথাসাহিত্য	সূর্য দীঘল বাড়ি – আবু ইসহাক	AC	Aug-Nov
	বাংলাদেশের গল্প	SP	Aug-Nov
Module II কবিতা ও নাটক	বাংলাদেশের শ্রেষ্ঠ কবিতা	AB	Nov-Jan
	কবর – মুনীর চৌধুরী	PC	Dec-Jan
Module III প্রবন্ধ	বাঙালি ও বাংলাদেশ গ্রন্থ থেকে নির্বাচিত প্রবন্ধ	AR	Aug-Nov

Discipline Specific Elective: BNG-A-DSE-B-5-1-TH-TU
বাংলা শিশু-কিশোর সাহিত্য

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

Module	Topic	Faculty	Month
I	ক্ষীরের পুতুল – অবনীন্দ্রনাথ ঠাকুর	PC	Aug-Nov
	ঠাকুরমার ঝুলি – দক্ষিণারঞ্জন মিত্র মজুমদার	SP	Aug-Nov
II	আবোল তাবোল – সুকুমার রায়	AB	Nov-Jan
	ছড়াসমগ্র – অন্নদাশঙ্কর রায়	AR	NOV-Jan
III	বাদশাহী আংটি – সত্যজিৎ রায়	AC	Aug-Nov
	সবুজ দ্বীপের রাজা – সুনীল গঙ্গোপাধ্যায়	AC	Dec-Jan

Semester- VI

Bengali Core Course XIII: BNG-A-CC-6-13-TH-TU

আধুনিক বাংলা কাব্য-কবিতা

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

Module	Topic	Faculty	Month
I	বীরাঙ্গনা কাব্য - মধুসূদন দত্ত	AR	Apr-June
II	সোনার তরী - রবীন্দ্রনাথ ঠাকুর	AB	Apr- May
	সঞ্চিতা – কাজী নজরুল ইসলাম	PC	Apr- May
III	একালের কবিতা সঞ্চয়ন (৫ টি নির্বাচিত কবিতা)	SP	May-June
	একালের কবিতা সঞ্চয়ন (৫ টি নির্বাচিত কবিতা)	AC	May-June

Bengali Core Course XIV: BNG-A-CC-6-14-TH-TU

সংস্কৃত, ইংরেজি ও প্রতিবেশী (হিন্দী) সাহিত্যের ইতিহাস

Faculty: Dr. Anjana Brahma (AB), Dr. Putul Chakraborty (PC), Anamika Roy (AR)

Module	Topic	Faculty	Month
I	সংস্কৃত সাহিত্যের সংক্ষিপ্ত ইতিহাস	AB	Apr-June
II	ইংরেজি সাহিত্যের সংক্ষিপ্ত ইতিহাস	AR	Apr-June
III	প্রতিবেশী (হিন্দী) সাহিত্যের ইতিহাস	PC	Apr-June

Discipline Specific Elective: BNG-A-DSE-A-6-3-TH-TU

বাংলা গোয়েন্দা সাহিত্য, কল্পবিজ্ঞান আশ্রয়ী রচনা এবং অলৌকিক কাহিনি

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

Module	Topic	Faculty	Month
I	শজারুর কাঁটা – শরদিন্দু বন্দ্যোপাধ্যায়	AB	Apr-June
II	শঙ্কু সমগ্র – সত্যজিৎ রায়	AR	Apr-June
III	সব ভুতুড়ে – লীলা মজুমদার	PC	Apr-June
	সব ভুতুড়ে – লীলা মজুমদার	AC	May-June

Discipline Specific Elective: BNG-A-DSE-B-6-4-TH-TU

লোকসংস্কৃতি ও লোকসাহিত্য

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

Module	Topic	Faculty	Month
I	লোকসংস্কৃতি ও লোকসাহিত্যের সাধারণ পরিচয়	AC	Apr-June
II	লোকছড়া, লোকনৃত্য, ধাঁধা	PC	Apr-June
III	বাংলা প্রবাদ, লোকগান, লোককথা	SP	Apr-June

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), Dr. 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	Dec-Jan
	প্যারীচাঁদ মিত্র, কালীপ্রসন্ন সিংহ, বঙ্কিমচন্দ্র চট্টোপাধ্যায়, রবীন্দ্রনাথ ঠাকুর, প্রমথ চৌধুরী, বুদ্ধদেব বসু	PC	Dec-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	AC	Dec-Jan
	মধুসূদন দত্ত, দীনবন্ধু মিত্র, গিরিশচন্দ্র ঘোষ, রবীন্দ্রনাথ ঠাকুর, দ্বিজেন্দ্রলাল রায়, বিজন ভট্টাচার্য	SP	Jan-Feb
Module III উপন্যাস ও ছোটগল্প	বাংলা উপন্যাসের উদ্ভব ও বিকাশ বঙ্কিমচন্দ্র চট্টোপাধ্যায়, রবীন্দ্রনাথ ঠাকুর, শরৎচন্দ্র চট্টোপাধ্যায়, বিভূতিভূষণ বন্দ্যোপাধ্যায়, মানিক বন্দ্যোপাধ্যায়, তারাশঙ্কর বন্দ্যোপাধ্যায়	AB	Dec-Jan

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), Dr. Anunoy Chaterjee (AC) , Anamika Roy (AR)

	Topic	Faculty	Month
Module I ঐতিহাসিক ভাষাবিজ্ঞান	প্রাচীন ভারতীয় আর্য ভাষা থেকে আধুনিক ভারতীয় আর্য ভাষা হিসেবে বাংলা ভাষার উদ্ভবের গতিরেখা	AC	Apr-May
	আদি-মধ্য বাংলা ভাষার ভাষাতাত্ত্বিক লক্ষণ – প্রেক্ষিত শ্রীকৃষ্ণকীর্তন	AR	May-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	Apr-June
Module III অলঙ্কার	অলঙ্কার সম্পর্কে সাধারণ ধারণা অনুপ্রাস, যমক, শ্লেষ, বক্রোক্তি, উপমা, রূপক, উৎপ্রেক্ষা, সমাসোক্তি, ব্যাজস্তুতি, ব্যতিরেক - সংজ্ঞা ও উদাহরণ অলঙ্কার নির্ণয়	AB	Apr-June

Semester- III

Bengali Core Course III/Generic Elective Course III: BNG-G-CC/GE-3-3-TH-TU
বাংলা কাব্য-কবিতা ও নাটক

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

	Topic	Faculty	Month
Module I প্রাগাধুনিক কবিতা	বৈষ্ণব পদাবলী	AR	Sep-Dec
Module II আধুনিক কবিতা	পুনশ্চ (নির্বাচিত কবিতা) – রবীন্দ্রনাথ ঠাকুর	PC	Dec-Jan
	একালের কবিতা সঞ্চয়ন (নির্বাচিত কবিতা)	SP	Nov-Jan
Module III বাংলা নাটক	রাজা ও রানী - রবীন্দ্রনাথ ঠাকুর	AB	Dec-Feb

Skill Enhancement Course (SEC): BNG-G-SEC-A-3/5-2-TH
ব্যবহারিক বাংলা - ১

Faculty: Dr. Anunoy Chaterjee (AC)

Module	Topic	Faculty	Month
I	গল্প/উপন্যাস থেকে কাহিনি, নাট্যরূপ/চিত্রনাট্য নির্মাণ	AC	Sept
II	বাংলা শব্দের সঠিক উচ্চারণ, ছন্দ, আবৃত্তিচর্চা	AC	Nov
III	সাহিত্য ও চলচ্চিত্র	AC	Dec

Semester- IV

Bengali Core Course IV/Generic Elective Course IV: BNG-G-CC/GE-4-4-TH-TU
বাংলা কথাসাহিত্য ও প্রবন্ধ

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

	Topic	Faculty	Month
Module I উপন্যাস	পল্লীসমাজ – শরৎচন্দ্র চট্টোপাধ্যায়	SP	Apr-May
Module II ছোটগল্প	একালের ছোটগল্প সঞ্চয়ন	PC	Apr-June
Module III প্রবন্ধ	সংকলন - রবীন্দ্রনাথ ঠাকুর	AB	Apr-May

BNG-G-LCC(2)-4-1-TH-TU
বাংলা ভাষা বিজ্ঞান, সাহিত্যের রূপভেদ ও কাব্য

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

	Topic	Faculty	Month
Module I	বাংলা ভাষা বিজ্ঞান	AC	Apr-June
Module II	সাহিত্যের রূপভেদ	AR	Apr-June
Module III	মেঘনাদবধ কাব্য – মাইকেল মধুসূদন দত্ত	AR	Apr-June

Skill Enhancement Course (SEC): BNG-G-SEC-B-4/6-2-TH
ব্যবহারিক বাংলা - ২

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

Module	Topic	Faculty	Month
I	সৃজনশীল রচনা	AC	Apr-May
II	বাংলা বানানের বিবর্তন, বানান বিধি	AC	May-Jun
III	আন্তর্জাতিক ধ্বনিমূলক বর্ণমালা (IPA), রোমীয় লিপি	AR	May-Jun

Semester- V

Discipline Specific Elective: BNG-G-DSE-A-5-2-TH-TU

বাংলা গোয়েন্দা সাহিত্য, কল্পবিজ্ঞান আশ্রয়ী রচনা এবং অলৌকিক কাহিনি

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

Module	Topic	Faculty	Month
I	শজারুর কাঁটা – শরদিন্দু বন্দ্যোপাধ্যায়	AB	Sep-Dec
II	শঙ্কু সমগ্র – সত্যজিৎ রায়	AR	Sep-Jan
III	সব ভুতুড়ে – লীলা মজুমদার	PC	Sep-Jan
	সব ভুতুড়ে – লীলা মজুমদার	AC	Dec

Skill Enhancement Course (SEC): BNG-G-SEC-A-3/5-2-TH

ব্যবহারিক বাংলা - ১

Faculty: Dr. Anunoy Chaterjee (AC)

Module	Topic	Faculty	Month
I	গল্প/উপন্যাস থেকে কাহিনি, নাট্যরূপ/চিত্রনাট্য নির্মাণ	AC	Sept
II	বাংলা শব্দের সঠিক উচ্চারণ, ছন্দ, আবৃত্তিচর্চা	AC	Nov
III	সাহিত্য ও চলচ্চিত্র	AC	Dec

Semester- VI

Discipline Specific Elective: BNG-G-DSE-B-6-2-TH-TU

লোকসংস্কৃতি ও লোকসাহিত্য

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

Module	Topic	Faculty	Month
I	লোকসংস্কৃতি ও লোকসাহিত্যের সাধারণ পরিচয়	AC	Apr-June
II	লোকছড়া, লোকনৃত্য, ধাঁধা	PC	Apr-June
III	বাংলা প্রবাদ, লোকগান, লোককথা	SP	Apr-June

BNG-G-LCC(2)-6-2-TH-TU

সাময়িক পত্র ও কথাসাহিত্য

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

	Topic	Faculty	Month
Module I	সাময়িক পত্র	SP	Apr-June
Module II	উপন্যাসঃ রজনী – বঙ্কিমচন্দ্র চট্টোপাধ্যায়	AB	Apr-June
Module III	ছোটগল্পঃ একালের ছোটগল্প সঞ্চয়ন	PC	Apr-June

Skill Enhancement Course (SEC): BNG-G-SEC-B-4/6-2-TH

ব্যবহারিক বাংলা - ২

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

Module	Topic	Faculty	Month
I	সৃজনশীল রচনা	AC	Apr-May
II	বাংলা বানানের বিবর্তন, বানান বিধি	AC	May-Jun
III	আন্তর্জাতিক ধ্বনিমূলক বর্ণমালা (IPA), রোমীয় লিপি	AR	May-Jun

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)

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

* *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 2020-21

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

			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

			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

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

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

SEMESTER-II(GEN)

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
1ST			C U Examination		July
	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
1ST			C U Examination		July
	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
1ST			C U Examination		July
	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
1ST		M-I	C U Examination		July
	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
1ST		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

	– 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

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

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

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

SEMESTER-IV(HONS)

SEM-IV (H)					
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
		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

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

		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

SEMESTER-V(HONS)

SEM-V (H)-2020-2021					
YEAR	PAPER	UNIT	TOPIC	TEACHER	MONTH
3RD	TAXATION-II	1	Computation of Total Income and Tax Payable		
	CC 5.2 Ch	a	Rate of tax applicable to different assesses (except corporate assessee)	SS	Aug
		b	Computation of tax liability of an individual, Firm (excluding application of	SS	Sep
		2	TAX MANAGEMENT		
		a	Provision for Filing of Return Date of filing of return, relevant forms of return, different types of returns,return by whom to be signed, PAN, TAN	RP	Aug
		b	Assessment of Return- Self assessment u/s140A, Summary assessment u/s 143(1), Scrutiny assessment u/s 143(3) and Best judgement assessment u/s 144.	RP	Aug
		c	Advance Tax--Who is liable to pay, due dates and computation of advance tax (excluding corporate assessees)	RP	Sep
		d	Interest & Fees-- Section 234A, 234B, 234C, 234F (simple problems on interest and fees)	RP	Sep
		e	TDS-- Provisions regarding TDS from salary, interest on securities, horse racing,	RP	Oct
		3	Basic Concepts of Indirect Tax and overview of GST	SS	Nov
		4	Taxable event ,supply –Concept, time, value and place, charge of GST:	SS	Dec
		5	Input And Out Put Tax Computation, Input Tax Credit (ITC) and Composite Scheme under GST:	SS	Jan-Feb
		6	Customs		
			Basic concepts, Taxable event, Territorial water, Indian customs water, Goods,	RP	Nov
			Types of Customs duties – Basic, Additional, Protective, Safeguard, Counter-	RP	Dec
			veiling duty on subsidised goods, Anti Dumping, Valuation of Custom Duty.	RP	Jan-Feb
			Intrnal Assessment		Mar
			C U Examination		Mar

SEM-V (H)					
YEAR	PAPER	UNIT	TOPIC	TEACHER	MONTH
3RD	Auditing & Assurance	1	CONCEPT, NEED AND PURPOSE OF AUDIT	SM	Aug-Sep
		2	AUDIT PROCEDURES AND TECHNIQUES	SS	Aug-Sep

		3	AUDIT RISK AND INTERNAL CONTROL SYSTEM	SM	Oct-Nov
		4	VOUCHING, VERIFICATION AND VALUATION	SS	Oct-Nov
		5	COMPANY AUDIT	SM	Dec-Jan
		6	AUDIT REPORT AND CERTIFICATE	SS	Dec-Jan
		7	OTHER THRUST AREAS	SM	Feb
			Intrnal Assessment		Mar
	CC 5.1 Ch		C U Examination		Mar
	CORPORATE ACCOUNTING	1	Company –Introduction ,Accounting for Shares & debentures	RS	Aug-Sep
		2	Buy Back of Securities ,Redemption of Preference Shares	RP	Aug-Sep
		3	Company Final,Accounts	RS	Oct-Dec
		4	Redemption of Debenture	RP	Oct
		5	Valuation--Goodwill & Shares	RS	Jan-Feb
		6	Amalgamation, Absorption and Reconstruction–Internal reconstruction	RP	Nov-Feb
			Internal Assessment		Mar
	DSE 5.2 A		C U Examination		Mar
	Economics				
	DSE 5.1A		Introduction Concepts and variables of Macroeconomics	MK	Aug
			National Income Accounting	MK	Aug-Sept
			Determination of Equilibrium Level of National Income Simple Keynesian Model	MK	Sept-Oct
			Commodity market and Money market equilibrium – IS-LM	DM	Oct-Nov
			Money, Inflation and Unemployment	DM	Nov-Dec

SEMESTER-V(GEN)

SEM-V (G) 2020-2021					
YEAR	PAPER				
	TAXATION-II	UNIT	TOPIC	TEACHER	MONTH
		1	Computation of Total Income and Tax Payable		
		a	Rate of tax applicable to different assesses (except corporate assessee)	SS	Aug
		b	Computation of tax liability of an individual, Firm (excluding application of	SS	Sep
		2	TAX MANAGEMENT		
		a	Provision for Filing of Return Date of filing of return, relevant forms of return, different types of returns,return by whom to be signed, PAN, TAN	RP	Aug
		b	Assessment of Return- Self assessment u/s140A, Summary assessment u/s 143(1), Scrutiny assessment u/s 143(3) and Best judgement assessment u/s 144.	RP	Aug
		c	Advance Tax--Who is liable to pay, due dates and computation of advance tax (excluding corporate assessees)	RP	Sep
3RD	CC 5.2 Ch	d	Interest & Fees-- Section 234A, 234B, 234C, 234F (simple problems on interest and fees)	RP	Sep
		e	TDS-- Provisions regarding TDS from salary, interest on securities, horse racing,	RP	Oct
		3	Basic Concepts of Indirect Tax and overview of GST	SS	Nov
		4	Taxable event ,supply –Concept, time, value and place, charge of GST:	SS	Dec
		5	Input And Out Put Tax Computation, Input Tax Credit (ITC) and Composite Scheme under GST:	SS	Jan-Feb
		6	Customs		
			Basic concepts, Taxable event, Territorial water, Indian customs water, Goods,	RP	Nov
			Types of Customs duties – Basic, Additional, Protective, Safeguard, Counter-	RP	Dec
			veiling duty on subsidised goods, Anti Dumping, Valuation of Custom Duty.	RP	Jan-Feb
			Intrnal Assessment		Mar
			C U Examination		Mar
YEAR	PAPER				
3RD	Auditing & Assurance	UNIT	TOPIC	TEACHER	MONTH

		1	CONCEPT, NEED AND PURPOSE OF AUDIT	SM	Aug-Sep
		2	AUDIT PROCEDURES AND TECHNIQUES	SS	Aug-Sep
		3	AUDIT RISK AND INTERNAL CONTROL SYSTEM	SM	Oct-Nov
		4	VOUCHING, VERIFICATION AND VALUATION	SS	Oct-Nov
		5	COMPANY AUDIT	SM	Dec-Jan
		6	AUDIT REPORT AND CERTIFICATE	SS	Dec-Jan
		7	OTHER THRUST AREAS	SM	Feb
	CC 5.1 Ch		Intrnal Assessment		Mar
			C U Examination		Mar
	CORPORATE ACCOUNTING				
		1	Company –Introduction ,Accounting for Shares & debentures	RS	Aug-Sep
		2	Buy Back of Securities ,Redemption of Preference Shares	RP	Aug-Sep
		3	Company Final,Accounts	RS	Oct-Dec
		4	Redemption of Debenture	RP	Oct
		5	Valuation--Goodwill & Shares	RS	Jan-Feb
		6	Amalgamation, Absorption and Reconstruction–Internal reconstruction	RP	Nov-Feb
	DSE 5.2 A		Intrnal Assessment		Mar
			C U Examination		Mar

SEMSETER-VI (HONS)

YEAR	PAPER	UNIT	TOPIC	TEACHER	MONTH
3RD	FM	1	Introduction	RS	Apr
	DSE6.2A		Basic Concepts	RS	Apr
		2	Sources of Finance and Cost of Capital	RS	May
		3	Leverage and Capital Structure Theories	RS	June
		4	Working Capital Management (1)	SS	Apr
		5	Working Capital Management (2)	SS	Apr
		6	Capital Expenditure Decisions (1)	SS	May
		7	Capital Expenditure Decisions (2)	SS	Jun
		8	Dividend Decisions	SS	Jun
			Internal Assessment		JULY
			C U Examination		JULY
	FRFSA				
	DSE6.1A	1	Holding Company	RP	Apr
		2	Standards Accounting	SM	Apr
		3	Fund Flow Statemnt	RP	May
		4	Cash Flow Statemnt	RP	June
		5	Introduction to Financial Statemnts Analysis	SM	May
		6	Accounting Ratios for FSA	SM	Jun
			Internal Assessment		JULY
			C U Examination		JULY
	COMPUTERISED ACCOUNTING SYSTEM AND E-FILING OF INCOMETAX	SEC6.1Chg			
		1	Computerized Accounting Package: Using Generic Software		
		(a)	Company creation, ledger creation, order processing, accounting voucher, inventory voucher, memorandum voucher, invoicing, multiple godown handling, Transfer ofmaterials across godowns, Bank Reconciliation	AS	Apr
		(b)	Cost Centre, Cost Category, Bill of Material (BoM), Budget and Controls	AS	Apr
		(c)	Payroll Accounting	AS	Apr
		(d)	TDS, GST	AS	May
		(e)	Back up & Restore, Export and Import data	AS	May
		2	Designing Computerized Accounting System	AS	June
		(a)	Introduction to DBMS Package – Table, Query, Form and Report	AS	June

		(b)	Designing Computerized Accounting System using DBMS Creating a voucher entry Form, Preparing ledgers, trial Package balance, profit & loss a/c, and balance sheet with Form wizard and Report	AS	June
		(c)	Designing Payroll System for Accounting using Form, Query, and Report	AS	June
		3	E-filing of Tax return		
		(a)	Preparation and submission of the Income Tax Return (ITR) offline/online for individual taxpayer [e-filing without using DSC and with using DSC, EVC]	SS	Apr
		(b)	View form 26AS,Upload return, View e-file returns, e-verification	SS	Apr
		(c)	Use of e-tax calculator (including interest calculation u/s 234A, 234B, 234C)	SS	May
		(d)	E-Pay tax (Challan No./ITNS 280, ITNS 281)	SS	Jun
		(e)	Preparation and submission online form 10E [Relief u/s 89(1)]	SS	Jun
			Internal Assessment		JULY
			C U Examination		JULY
	Project Work (Project Report - 50 + Viva-Voce Examination - 50)		Project Report Related work/Class		Apr-June
	CC6.1Ch				
					JULY
			Viva-Voce Examination		JULY

SEMESTER-VI(GEN)

YEAR	PAPER	UNIT	TOPIC	TEACHER	MONTH
3RD	FM		Introduction	RS	Jan
	DSE6.2A	1	Basic Concepts	RS	Feb
		2	Sources of Finance and Cost of Capital	RS	Mar
		3	Leverage and Capital Structure Theories	RS	Apr,May
		4	Working Capital Management (1)	SS	Jan
		5	Working Capital Management (2)	SS	Feb
		6	Capital Expenditure Decisions (1)	SS	Mar
		7	Capital Expenditure Decisions (2)	SS	Apr
		8	Dividend Decisions	SS	MAY
			Internal Assessment		May
			C U Examination		June
	FRFSA				
	DSE6.1A	1	Holding Company	RP	Jan
		2	Standards Accounting	SM	Feb
		3	Fund Flow Statemnt	RP	Feb
		4	Cash Flow Statemnt	RP	Mar
		5	Introduction to Financial Statemnts Analysis	SM	Apr
		6	Accounting Ratios for FSA	SM	May
			Internal Assessment		May
			C U Examination		June
	COMPUTERISED ACCOUNTING SYSTEM AND E-FILING OF INCOMETAX SEC6.1Chg				
		1	Computerized Accounting Package: Using Generic Software		
		(a)	Company creation, ledger creation, order processing, accounting voucher, inventory voucher, memorandum voucher, invoicing, multiple godown handling, Transfer ofmaterials across godowns, Bank Reconciliation	AS	Jan
		(b)	Cost Centre, Cost Category, Bill of Material (BoM), Budget and Controls	AS	Jan
		(c)	Payroll Accounting	AS	Feb
		(d)	TDS, GST	AS	Feb
		(e)	Back up & Restore, Export and Import data	AS	Mar
		2	Designing Computerized Accounting System	AS	Mar
		(a)	Introduction to DBMS Package – Table, Query, Form and Report	AS	Apr
		(b)	Designing Computerized Accounting System using DBMS Creating a voucher entry Form, Preparing ledgers, trial Package balance, profit & loss a/c, and balance sheet with Form wizard and Report	AS	Apr
		(c)	Designing Payroll System for Accounting using Form, Query, and Report	AS	May
		3	E-filing of Tax return		

		(a)	Preparation and submission of the Income Tax Return (ITR) offline/online for individual taxpayer [e-filing without using DSC and with using DSC, EVC]	SS	Apr
		(b)	View form 26AS,Upload return, View e-file returns, e-verification	SS	Apr
		(c)	Use of e-tax calculator (including interest calculation u/s 234A, 234B, 234C)	SS	May
		(d)	E-Pay tax (Challan No./ITNS 280, ITNS 281)	SS	Jun
		(e)	Preparation and submission online form 10E [Relief u/s 89(1)]	SS	Jun
			Internal Assessment		Jul
			C U Examination		Jul

K.K.DAS COLLEGE
B.SC COMPUTER SCIENCE (GENERAL)
2020-2021

ACADEMIC PLAN 2020-21

	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.	MKB	December - March
1			2	Digital logic Design Number System, Combinational Logic.	RP	December - February
1			3	Sequential Logic.	RP	February- March
1				**INTERNAL ASSESSMENT**		
1		**2(Practical)**	1	Word processing, Document Preparation & Presentation and Spreadsheet.	MKB	December - March
1			2	Web designing by HTML.	PP	December- February
1			3	Projects using HTML	PP	February - March
				INTERNAL ASSESSMENT		
2	**Semester II**	**2(Theoretical)**	**1**	Introduction: Algorithms, ADT.	PP	April - May
			2	Arrays: One dimensional and Two Dimensional Arrays,	PP	April - May

				Row Major and Column Major Forms.		
			3	Linked List: Singly and Doubly Linked List; Operations like Insertion, Deletion. Searching.	PP	June
			4	Stacks and Queues: Concepts of Stack and Queue; Insertion and Deletion of Elements;	RP	April - May
			5	Array and Linked Representation: Prefix, Infix and Postfix Notation; Postfix Expression Evaluation, Infix to Postfix.	RP	May - June
			6	Searching: Algorithms of Sequential, Binary Search Techniques.	PP	July
			7	Sorting: Bubble Sort, Selection Sort, Insertion Sort, Quick Sort, Merge Sort, Heap Sort.	RP	July
				INTERNAL ASSESSMENT		
2		**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	April - May

				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	May - June
				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	June - July
				INTERNAL ASSESSMENT		
3	**Semester III**	3(Theoretical)	1	Computer Architecture and Organization Central Processing Unit (CPU) ALU.	RP	August
			2	Control Unit ,I/O, Memory	RP	September
			3	Operating System Operating System,	RP	October - December

				Process, Process Scheduling.		
			4	Memory Management.	RP	January - February
				INTERNAL ASSESSMENT		

3		**3(Practical)**	1	Concepts of python programming. Basics of oops, pop programming paradigm	PP	August - September
			2	Making flowcharts and algorithms. Introduction to python. Writing simple python programs and executing them	PP	October - November
			3	Looping, branching statements, library functions, user defined function, recursion, lists.	PP	December - February
-				**INTERNAL ASSESSMENT**		
4	**Semester IV**	**4(Theoretical)**	**1**	System Software: Introduction: Different System Softwares Introduction to Operating Systems: What is OS? User mode, Kernel mode, Mode Switching, Multiprogramming, Multitasking OS, Concepts of processes, Files, Shell, System calls, Time sharing systems	PP	April - May
			2	Types of operating systems: Operating systems for personal computers & workstations. Concepts of Synchronization: Critical Regions, Semaphores, Monitor Inter Process Communication Mechanism.	PP	April - May

			3	Processor Management: Scheduling and its types, Priority Queue;	RP	May - June
			4	Deadlock: Definition, Prevention, Avoidance, Detection, Recovery.	PP	May - June
			5	I/O Management: Device and Device Controllers, Interrupt Handlers and Device drivers.	PP	June - July
			6	Memory Management: Logical & Physical memory, Contiguous allocation, Paging, Segmentation, Swapping, Real and Virtual memory, Page Replacement Techniques.	RP	July
			7	File Systems: Files and Directories, File Servers, Security and Protection.	PP	July
				INTERNAL ASSESSMENT		
4		**4 (Practical)**	**1**	Shell Programming: Concept and simple programming problems.	MKB	April - May
			2	Linux system calls, IPC problems, use of semaphore for synchronization problems.		June-July
				INTERNAL ASSESSMENT		
5	**Semester V**	**5 (Theoretical)**	1	Introduction: Drawbacks of Legacy System; Advantages of DBMS; Layered Architecture of Database, Data Independence; Data Models; Schemas And Instances;	PP	August
			2	Database Languages; Database ER Model:Entity, Attributes and Relationship;	PP & RP	September-October

				Structural Constraints; Keys; ER Diagram of Some Example Database; Weak Entity Set; Symbolic Conventions; Specialization and Generalization; Constraints of Specialization and Generalization; Aggregation.		
			3	Relational Model: Basic Concepts of Relational Model; Relational Algebra; Tuple Relational Calculus; Domain Relational Calculus. Integrity Constraints: Domain Constraints, Referential Integrity, Assertions, Triggers	RP	November - December
			4	Relational Database Design: Problems of Un-Normalized Database; Functional Dependencies, Derivation Rules, Closure Of FD Set, Membership of A Dependency, Canonical Cover; Decomposition to 1NF, 2NF, 3NF or BCNF Using FD;.	RP	January
			5	Lossless Join Decomposition Algorithm; Dependency preservation	RP	February - March
		SEC A2	1	Defining System, open and closed system, modeling of system, Communication system, Software life cycle, Different Models: Classical and Iterative Waterfall Model; Spiral Model and its importance towards application for different system representations, Comparative Studies	MKB	August - September
			2	Requirements Principles and its analysis principles; Specification Principles and its representations	MKB	October

			3	Different levels of DFD Design, Physical and Logical DFD, Use and Conversions between them, Process Representation – Pseudo English, Tight English, Decision Tables and Trees, Structured analysis – Structure Chart Conversion from DFD: Transform Centric and Transaction Centric conversions algorithms, Coupling and Cohesion of the different modules	MKB	November - December
			4	Heuristic and Empirical Modeling; COCOMO.Software Verification and Validation; Testing objectives, Testing Principles, Testability; Error and Faults; Unit Testing, White Box and Blank Box Testing, Test Case Design: Test Vector, Test Stub	MKB	January
			5	Concepts of Quality, Quality Control, Quality Assurance, SQA Activities, IEEE Standard for Statistical Software Quality Assurances (SSQA) criterions.	MKB	February - March
				INTERNAL ASSESSMENT		
		5(Practical)	1	Basic Structure, Data Definition, Constraints and Schema Changes; Basic SQL Queries (Selection, Insertion, Deletion, Update); Order by Clause; Complex Queries, Aggregate Function and Group by Clause; Nested Sub Queries; Correlated Subqueries; Views (Insert-Able and Updatable), Joined Relations; Set Comparisons (All, Some); Derived Relations Etc.; Grant and Revoke, Transaction in SQL	PP	August - October

			2	PHP Programming Lab	PP	Nov - March
				INTERNAL ASSESSMENT		
6	**Semester VI**	**6(Theoretical) SEC B1**	1	Multimedia System: An overview of multimedia system and media streams, Source representation and compression techniques text, speech and audio, still image and video. Multi-modal Communication:Video conferencing, networking support. Multimedia OS: Synchronization and QoS, Multimedia Servers.	MKB	April - July
		DSE B3 (Theoretical)	2	Introduction, Types of errors, Newton Forward and Backward Interpolation. , linear dependency, Rank, Singularity of coefficient matrix, Solution methods: Gaussian Elimination, Gauss-Jordan Elimination.Bisection algorithm, Newton-Raphson Method. Trapezoidal and Simpson's 1/3rd Rules and their composite forms Basic Terminology, Models and Types,	RP & MKB	April - June

				Multigraphs and Weighted graphs, Graph Representation, Graph Isomorphism, Connectivity, Euler and Hamiltonian Paths and Circuits, Planar Graphs, Graph Coloring, Trees, Basic Terminology and properties of Trees.	RP	June - July
				INTERNAL ASSESSMENT		
6		**DSE B3 (Practical)**	1	Graph theory and Numerical Methods using C/ Python	PP	April - July
				INTERNAL ASSESSMENT		

ACADEMIC PLAN
2020-21

DEPARTMENT OF ECONOMICS

K. K. DAS COLLEGE

B. Sc. Economics (Honours)

Semester- I

Economics Core Course-I: ECO-A-CC-1-1-TH-TU
Introductory Microeconomics
Faculty: Madhurima Koley (MK) & Deepro Majumder (DM)

Sl. No.	Topic	Faculty	No. of lecture	Month
1	Exploring the subject matter of Economics	MK	10	Dec-Jan
2	Demand and Supply: How Markets Work	MK	10	Dec-Jan
3	Market and Adjustments	MK	10	Jan-Feb
4	Market Sensitivity and Elasticity	MK	12	Jan-Feb
5	Government Intervention	MK	8	Feb
6	Utilitarian Approach	DM	25	Dec-Jan

Economics Core Course II: ECO-A-CC-1-2-TH-TU
Mathematical Methods in Economics-I
Faculty: Shumonika Gangoly (SG) & Sayan Kumar Gupta (SKG)

Sl. No.	Topic	Faculty	No. of lecture	Month
1	Preliminaries	SG	10	Dec-Jan
2	Functions of one real variable	SG	10	Dec-Jan
3	Single variable optimization	SG	10	Feb
4	Integration of functions	SKG	10	Feb
5	Matrix Algebra	SKG	20	Dec-Jan
6	Game Theory	SKG	15	Feb

Semester- II

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

Introductory Macroeconomics

Faculty: Madhurima Koley (MK) & Deepro Majumder (DM)

Sl. No.	Topic	Faculty	No. of lecture	Month
1	National Income Accounting	MK	20	Apr-May
2	Income Determination in the Short Run (Part-I): The Simple Keynesian Model in a Closed Economy	DM	18	Apr-June
3	The Classical system	DM	18	April
4	Macroeconomic Foundations – I	MK	19	May-June

Economics Core Course IV: ECO-A-CC-2-4-TH-TU

Mathematical Methods in Economics-II

Faculty: Shumonika Gangoly (SG) & Sayan Kumar Gupta (SKG)

Sl. No.	Topic	Faculty	No. of lecture	Month
1	Function of several variables	SKG	14	Apr-May
2	Multi-variable optimization	SG & SKG	35	Apr-May
3	Difference Equations	SG	12	May-June
4	Differential Equations	SKG & SG	14	May-June

Semester- III

Economics Core Course V: ECO-A-CC-3-5-TH-TU
Intermediate Microeconomics –I
Faculty: Shumonika Gangoly (SG) & Sayan Kumar Gupta (SKG)

Sl. No.	Topic	Faculty	No. of lecture	Month
1	Theories of Consumer Behaviour and Applications	SKG	17	Aug-Sept
2	Production and Costs	SG	20	July- Sept
3	The Firm and Perfect Market Structure	SG	20	Sept-Oct
4	Input Market in Perfect Competition	SKG	18	Nov-Dec

Economics Core Course VI: ECO-A-CC-3-6-TH-TU
Intermediate Macroeconomics-I
Faculty: Deepro Majumder (DM) & Madhurima Koley (MK)

Sl. No.	Topic	Faculty	No. of lecture	Month
1	Income Determination in the Short-run (Part-II) : The IS-LM Model	DM	14	Aug-Sept
2	Aggregate Demand and Aggregate Supply-the Complete Keynesian Model	DM	14	Sept-Oct
3	Keynes vs. Classics	DM	10	Oct-Nov
4	Money Supply, Monetary Policy and Government Budgetary Operations	MK	17	Aug-Sept
5	Inflation, Unemployment and Expectations	MK	20	Nov-Dec

Economics Core Course VII: ECO-A-CC-3-7-TH-TU
Statistical Methods for Economics
Faculty: Madhurima Koley (MK) & Sayan Kumar Gupta (SKG)

Sl. No.	Topic	Faculty	No. of lecture	Month
1	Introduction and Overview	MK	6	Aug
2	Descriptive Statistics	MK	13	Sept-Oct
3	Elementary Probability Theory	MK	10	Oct-Nov
4	Probability Distributions	SKG	18	Nov-Dec
5	Sampling	SKG	14	Aug-Sept
6	Statistical inference	SKG	14	Oct-Nov

Skill Enhancement Course I: ECO-A-SEC-3-A(1)-TH
Data Analysis [DA]
Faculty: Shumonika Gangoly (SG) & Madhurima Koley

Sr. No.	Topic	Faculty	No. of lecture	Month
1	Collection and representation of data	SG	12	Aug-Sept
2	Indian Official Statistics (Basic concepts)	MK	18	Nov-Dec

Skill Enhancement Course I: ECO-A-SEC-3-A(1)-TH
Rural Development [RD]
Faculty: Deepro Majumder (DM)

Sr. No.	Topic	Faculty	No. of lecture	Month
1	Aspects of Rural Development	DM	6	Sept

2	Panchayats and Rural Development	DM	5	Sept
3	Rural Credit and Self Help Groups(SHGs)	DM	11	Oct-Nov
4	Critical Evaluation of Selected Government Programmes and Rural Development	DM	8	Nov

Semester- IV

Economics Core Course VIII: ECO-A-CC-4-8-TH-TU
Intermediate Microeconomics II
Faculty: Shumonika Gangoly (SG) & Sayan Kumar Gupta (SKG)

Sr. No.	Topic	Faculty	No. of lecture	Month
1	Imperfect Market Structure	SG & SKG	40	Apr-Jun
2	Input market under Imperfect Competition	SG	5	April
3	General Equilibrium, Efficiency and Welfare	SKG & SG	30	Apr-June

Economics Core Course IX: ECO-A-CC-4-9-TH-TU
Intermediate Macroeconomics II
Faculty: Madhurima Koley (MK) & Deepro Majumder (DM)

Sr. No.	Topic	Faculty	No. of lecture	Month
1	Basic Tenets of New Classical and New Keynesian Theories	DM	20	Apr-May
2	Macroeconomic Foundations –II	MK	20	Apr-May
3	Economic Growth	DM	35	May-June

Economics Core Course X: ECO-A-CC-4-10-TH-TU
Introductory Econometrics
Faculty: Madhurima Koley (MK) & Sayan Kumar Gupta (SKG)

Sr. No.	Topic	Faculty	No. of lecture	Month

1	Nature and Scope of Econometrics	SKG	4	April
2	Classical Linear Regression Model (Simple linear regression and multiple linear regression):Part 1	SKG	15	May
3	Classical Linear Regression Model (Simple linear regression and multiple linear regression):part 2	SKG	10	June
4	Statistical inference in linear regression model	MK	26	April
5	Violations of Classical Assumptions	MK	12	May
6	Specification Analysis	MK	8	June

Skill Enhancement Course II: ECO-A-SEC-4-B(2)-TH
Research Methodology
Faculty: Madhurima Koley (MK) & Sayan Kumar Gupta (SKG)

Sr. No.	Topic	Faculty	No. of lecture	Month
1	Methodological Issues 1	SKG	10	Apr-May
2	Methodological Issues 2	MK	20	May-June

Skill Enhancement Course II: ECO-A-SEC-4-B(2)-TH
Managerial Economics
Faculty: Shumonika Gangoly (SG) & Deepro Majumder (DM)

Sr. No.	Topic	Faculty	No. of lecture	Month
1	Demand, Cost and Profit Analysis	DM	6	April
2	Pricing Policies and practices	DM	3	April-May
3	Capital Budgeting	DM	8	May

4	Cost of capital	DM	5	May-June
5	Inventory Management	SG	8	June

Semester- V

Economics Core Course XI: ECO-A-CC-5-11-TH-TU
International Economics
Faculty: Deepro Majumder (DM)

Sr. No.	Topic	Faculty	No. of lecture	Month
1	Absolute and Comparative Advantages of Trade	DM	9	Aug-Sept
2	The Building Blocks of Trade Theory	DM	14	Sept
3	Factor Endowment and Trade (Heckscher-Ohlin-Samuelson Model)	DM	15	Oct
4	Applications of Neo-classical Trade Models for developing countries	DM	10	Nov
5	Trade Policy	DM	12	Nov-Dec
6	Open Economy Macroeconomics and Balance of Payments	DM	15	Dec-Jan

Economics Core Course XII: ECO-A-CC-5-12-TH-TU
Indian Economy
Faculty: Shumonika Gangoly (SG) & Sayan Kumar Gupta (SKG)

Sr. No.	Topic	Faculty	No. of lecture	Month
1	Economic Development since Independence	SG	20	Aug-Sept
2	Population and Human Development	SKG	15	Sept-Oct
3	Growth and Distribution	SKG	20	Oct-Nov
4	Economic Reforms in India	SG	20	Sept- Oct

Discipline Specific Elective – A(1):
ECO-A-DSE-5-A(1)-TH-P Applied Econometrics [AE]
Faculty: Sayan Kumar Gupta (SKG)

Sr. No.	Topic	Faculty	No. of lecture	Month
1	Steps in empirical research	SKG	10	Aug
2	Regression Diagnostics and Specification	SKG	20	Aug-Sept
3	Application of Regression Analysis	SKG	30	Oct-Dec

Discipline Specific Elective – A(1):
ECO-A-DSE-5-A(1)-TH-TU
Economic History of India (1857-1947) [EHI]
Faculty: Shumonika Gangoly (SG) & Sayan Kumar Gupta (S.K.G)

Sr. No.	Topic	Faculty	No. of lecture	Month
1	Impact of British rule on India	SKG	30	Aug-Sept
2	Aspects of Economic Policies in British India	SG	45	Oct-Nov

Discipline Specific Elective-B(1):
ECO-A-DSE-5-B(1)-TH-TU
Comparative Economic Development (1850-1950) [CED]
Faculty: Deepro Majumder (DM)

Srl No.	Topic	Faculty	No. of lecture	Month
1	Strategies and Policies for Economic Development	DM	30	Sept-Oct

2	Regions of contemporary development	DM	45	Nov-Dec

Discipline Specific Elective-B(1):
ECO-A-DSE-5-B(1)-TH-TU
Financial Economics [FE]
Faculty: Shumonika Gangoly (S.G)

Sr. No.	Topic	Faculty	No. of lecture	Month
1	Investment Theory and Portfolio Analysis	SG	35	Aug-Sept
2	Options and Derivatives	SG	20	Sept-Oct
3	Corporate Finance	SG	20	Nov-Dec

Semester VI

Economics Core Course XIII: ECO-A-CC-6-13-TH-TU
Public Economics
Faculty: Madhurima Koley (MK) & Shumonika Gangoly (SG)

Sr. No.	Topic	Faculty	No. of lecture	Month
1	Government in a Market Economy	MK	15	April- May
2	Choice and Public Economics	SG	20	April- May
3	The Revenue and Expenditure of the Government	MK	20	May-June
4	Public Finance	SG	20	May-June

Economics Core Course XIV: ECO-A-CC-6-14-TH-TU
Development Economics
Faculty: Shumonika Gangoly (SG) & Sayan Kumar Gupta (SKG)

Sr. No.	Topic	Faculty	No. of lecture	Month
1	Meaning of Economic Development	SKG	10	Apr-May
2	Poverty and Inequality	SG	15	Apr-May
3	Dual Economy Models	SKG	20	May-June
4	Population Growth and Economic Development	SKG	10	June
5	Development Strategies	SG	10	May-June
6	Political Institutions and the State	SG	10	June

Discipline Specific Elective –A(2):
ECO-A-DSE-6-A(2)-TH-TU

Money and Financial Markets [MFM]

Faculty: Madhurima Koley (MK) & Deepro Majumder (DM)

Sr. No.	Topic	Faculty	No. of lecture	Month
1	Introduction to money and Money and Banking	MK	5	Apr
2	Financial Institutions, Markets, Instruments and Financial Innovations	MK	17	Apr-May
3	Financial Markets and Interest Rates Behaviour	MK	18	May-June
4	Banking System	DM	20	Apr-May
5	Central Banking and Monetary Policy	DM	15	May-June

Discipline Specific Elective-A(2):

ECO-A-DSE-6-A(2)-TH-P

Issues in Indian Economy [IIE]

Faculty: Deepro Majumder (DM) & Sayan Kumar Gupta (SKG)

Sr. No.	Topic	Faculty	No. of lecture	Month
1	Growth and structural changes	SKG	4	Apr
2	Macroeconomic Policies and Their Impact	DM	15	Apr
3	Policies and Performance in Agriculture	DM	15	May
4	Policies and Performance in Industry	SKG	12	Apr-May
5	Trends and Performance in Services	SKG	14	June

Discipline Specific Elective- B(2) :

ECO-A-DSE-6-B(2)-TH-TU

Environmental Economics [EE]

Faculty: Shumonika Gangoly (SG) & Deepro Majumder (DM)

Sr. No.	Topic	Faculty	No. of lecture	Month
1	Introduction	SG	7	April
2	Efficiency and Market Failure	SG	18	April-May
3	The Design and Implementation of Environmental Policy	SG	20	Apr-May
4	International Environmental Problems	DM	13	May-June
5	Measuring the values of Environmental Costs and Benefits	SG	17	June

Discipline Specific Elective –B(2):

ECO-A-DSE-6-B(2)-TH-TU

Issues in Development Economics [IDE]

Faculty: Madhurima Koley (MK), Shumonika Gangoly (SG) & Sayan Kumar Gupta (SKG)

Sr. No.	Topic	Faculty	No. of lecture	Month
1	Demography and Development	SKG	10	Apr-May
2	Land, Labor and Credit Markets	MK	20	Apr-May
3	Individuals, Communities and Collective Outcomes	MK	15	May-June
4	Environment and Sustainable Development	SG	15	Apr-May
5	Globalization	SG	15	May-June

BA / BSc (General)

Semester I

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

Name of the Course: Introductory Microeconomics

Sr. No.	Topic	Faculty	No. of lecture	Month
1	Exploring the subject matter of Economics	SG	5	December
2	Supply and Demand: How Markets Work, Markets and Welfare	SG	16	Dec-Jan
3	The Households	SG	18	February
4	The Firm and Perfect Market Structure	SKG	18	December
5	Imperfect Market Structure	SKG	8	January
6	Input Markets	SKG	10	Jan-Feb

Semester II

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

Name of the Course: Introductory Macroeconomics

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

Semester III

Core Course 3 (CC 3) / Generic Elective Course III (GE-III)
Name of the Course: Issues in Economic Development and India

Srl. No.	Topic	Faculty	No. of lecture	Month
1	Meaning of Economic Development	DM	25	Aug-Sept
2	Poverty , Inequality and Development	DM	20	Sept-Oct
3	Development of the Dual Economy and Development Strategies	DM	15	Oct-Nov
4	International Organizations and Economic Development	DM	15	Nov-Dec

Skill Enhancement Course [Economics] - A Group: Elementary Rural Development (ERD)

Sr. No.	Topic	Faculty	No. of lecture	Month
1	Basic Issues in Rural Development	SKG	12	Aug-Sept
2	Rural Credit and Self Help Groups (SHGs)	SKG	12	Oct-Nov
3	Selected Government Programmes and Rural Development	SKG	6	Dec

Semester IV

Core Course 4 (CC 4) / Generic Elective Course IV (GE-IV) : Indian Economic Policies

Sr. No.	Topic	Faculty	No. of lecture	Month
1	Macroeconomic Policies and their Impact	MK	15	Apr-May
2	Policies and Performance in Agriculture	MK	21	May-June
3	Policies and Performance in Industry	SG	21	Apr-May
4	Policies and Performance of Indian Foreign Trade	SG	18	May-June

Skill Enhancement Course [Economics] -B -Group (SEC-B): Economic Data Analysis and Report Writing (EDARW)

Sr. No.	Topic	Faculty	No. of lecture	Month
1	Tabular and Graphical representation of Statistical Data	SG	6	Apr
2	Basic Descriptive Statistics and its role in Data Analysis	SG	16	Apr-May
3	Elements of Report writing	DM	8	Apr

Semester V

Discipline Specific Elective Course (DSE -A) - Name of the Course: Money and Banking (MB)

Sr. No.	Topic	Faculty	No. of lecture	Month
1	Money Supply and Banking System with reference to India	SG	12	Aug-Sept
2	Financial Institutions and Financial Markets	MK	22	Aug-Sept
3	Interest Rates	MK	12	Oct-Nov
4	Central Banking and Monetary Policy	SG	16	Oct-Nov

Semester VI

Discipline Specific Elective Course (DSE-B) - Economic History of India (1857-1947) (EHI)

Sr. No.	Topic	Faculty	No. of lecture	Month
1	Colonial India: Background and Introduction	SG	10	Apr
2	Macro Trends	SKG	13	Apr
3	Agriculture	SG	17	Apr-May
4	Railways and Industry	SKG	20	May-Jun
5	Economy and State in the Imperial Context	SG	15	June

B. Com

Semester I (Honours & General)

GE 1.1 Chg Microeconomics I & Statistics

Module I: Microeconomics I

Sl. No.	Topic	Faculty	No. of lecture	Month
1	Demand & Consumer Behaviour	SKG	15	Dec-Jan
2	Production & Cost	SG	10	Dec
3	Perfect Competition	SKG	15	Jan-Feb

Semester IV (Honours & General)

GE 4.1 Chg Microeconomics II & Indian Economy

Module I: Microeconomics II

Sl. No.	Topic	Faculty	No. of lecture	Month
1	Monopoly	SG	10	Apr
2	Imperfect Competition	DM	15	May
3	Factor Price Determination	SG	15	June

Module II: Indian Economy

Sl. No.	Topic	Faculty	No. of lecture	Month
1	Basic Issues in Economic Development	MK	5	Apr-May
2	Basic Features of Indian Economy	MK	10	May-June
3	Sectoral Trends and Issues	SKG	15	Apr-May
4	Social Issues in Indian Economy	SKG	10	May-June

B. Com Semester V (Honours)

DSE 5.1A Macroeconomics and Advanced Business Mathematics

Module I: Macroeconomics

Sl. No.	Topic	Faculty	No. of lecture	Month
1	Introduction Concepts and variables of Macroeconomics	MK	2	Aug
2	National Income Accounting	MK	6	Aug-Sept
3	Determination of Equilibrium Level of National Income Simple Keynesian Model	MK	10	Sept-Oct
4	Commodity market and Money market equilibrium – IS-LM	DM	10	Oct-Nov
5	Money, Inflation and Unemployment	DM	12	Nov-Dec

 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)

K.K. Das College

Academic Plan

Sub - Education for the 2020-21

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

				Educational institutions: informal and non-formal, their interrelation.	MD	Feb
		Unit-3 (Agencies of Education)		Home	BKS	July
				School	BKS	Dec
				State	BKS	Dec
				Mass-media-television, radio, cinema, and newspaper.	BKS	Jan
		Unit-4 (Child Centricism and Play-way in Education)		Concept of child centricism in education.	BKS	Jan
				Characteristics and significance of child centricism in education.	BKS	Jan
				Concept of play and work.	BKS	Feb
				Characteristics of play way in education, Kindergarten, Montessori, Project method.	BKS	Feb
				Internal & Uni. Exam		March
Psychological Foundation of Education	CC-2/GE-2	Unit-1 (Relation between Psychology and Education)	Semester-2	Meaning and definition of psychology.	MD	April
				Meaning and definition of education.	MD	April
				Relation between psychology and education.	MD	April
				Nature, scope and significance	MD	May

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

				Types and uses of intelligence tests.	BKS	June
				Concept of Emotional intelligence and E.Q.	BKS	June
				Internal & Uni. Exam		July
Sociological Foundation of Education	CC-3/GE-3	Unit-1 (Introductory Concept of Sociology of Education)	Semester-3	Meaning and definition of sociology of education.	MD	Aug
				Relation between sociology and education.	MD	Aug
				Nature of sociology of education.	MD	Sep
				Scope of sociology of education.	MD	Nov
		Unit-2 (Social Groups)		Social groups: meaning and definition.	MD	Nov
				Types of social groups- primary, secondary and Tertiary.	MD	Dec
				Socialization process: concept.	MD	Jan
				Role of the family and school in socialization process.	MD	Feb
		Unit-3 (Social Change and Education)		Concept of social change.	BKS	Aug
				Interrelation between social	BKS	Aug

				change and education.		
				Social stratification and social mobility.	BKS	Sep
				Social interaction process.	BKS	Nov
		Unit-4 (Social Communication in Education)		Social communication: concept.	BKS	Dec
				Informal agencies of social communication.	BKS	Jan
				Interrelation between culture, religion and education.	BKS	Feb
				Interrelation between technology, economy and education.	BKS	Feb
				Internal & Uni. Exam		March
Skill for Democratic Citizenship	SEC-A2	Unit- 1 (Rights and duties in Indian Constitution)		Democratic rights.	MD	Aug
				Fundamental Rights.	MD	Sep
				Duties of citizenship.	MD	Oct
		Unit - 2 (Protection of Children)		Child protection - concept and need.	MD	Nov
				Child Rights – concept, classification and need.	MD	Dec & Jan
				Legal actions – POCSO.	MD	Feb
		Unit - 3 (Domestic Harmony)		Domestic violence –	BKS	Aug

				definition and types.		
				Protection of Women from Domestic Violence Act, 2005 – basic features.	BKS	Sep
				Protection of males in DVA 2005.	BKS	Nov
		Unit – 4 (Role of Education to Ensure)		Rights and duties in Indian constitutions.	BKS	Dec
				Protection of children.	BKS	Jan
				Democratic harmony.	BKS	Feb
				Internal & Uni. Exam		March
Inclusive Education	CC-4/GE-4	Unit-1 (Inclusion Overview)	Semester-4	Meaning of inclusion and inclusive society.	MD	April
				Exclusion and inclusion : conceptual overview	MD	April
				Obstacles/barrier in inclusion.	MD	May
				Elements necessary for creating an inclusive society.	MD	May
		Unit-2 (Differently abled)		Concept of impairment, disability and handicap	MD	May
				Types of disabilities- orthopaedic, visual, auditory, cerebral palsy, intellectual autism, learning disabilities(only definition and	MD	June

				their specific problems).		
				General causes of disabilities	MD	June
				Role of school and society in creating a barrier free environment.	MD	June
		Unit-3 (Socially disabled)		Concept of SC,ST and OBC groups.	BKS	April
				Concept of gender and sexuality		April
				Causes of social exclusion	BKS	May
				Understanding social inclusion: role of education.	BKS	May
		Unit-4 (Educational reforms for inclusive society)		Building an inclusive school: desired changes in system, structure, practice and culture.	BKS	May
				Education for a multicultural society.	BKS	June
				Education for peaceful co-existence.	BKS	June
				Role of informal agencies (like mass media etc) in building an inclusive society.	BKS	June
				Internal & Uni. Exam		July
Teaching Skill	SEC-B1	Unit - 1 (Understanding Teaching)		Concept and definition of Teaching.	MD	April
				Nature of teaching and characteristic	MD	April

				factors affecting teaching.		
				Relation between teaching and training.	MD	May
		Unit - 2 (Types of Teaching: Concept and Characteristics)		Micro-teaching and Micro lesson.	MD	May
				Simulated teaching.	MD	June
				Integrated teaching.	MD	June
		Unit: 3 – (Skills of Teaching : Basic Concept)		Nature and definition of skills of teaching.	BKS	April
				Developing teaching skills: Introducing a lesson, Questioning, Use of teaching aids, Illustration and Reinforcement.	BKS	April
				Phases of teaching: Pre-active, Inter-active, Post-active.	BKS	May
		Unit: 4 (Learning Design)		Concept and importance of learning design in teaching.	BKS	May
				Steps of learning design.	BKS	June
				Qualities of good learning design.	BKS	June

				Internal & Uni. Exam		July
Educational Thought of Great Educators.	DSE-A2	Unit: 1 (Western Educators : Part 1)	Semester-5	Plato	MD	Aug
				Rousseau	MD	Sep
				Montessori	MD	Nov
		Unit - 2 (Western Educators : Part 2)		Pestalozzi	BKS	Aug
				Dewey	BKS	Sep
				Ivan Illich	BKS	Nov
		Unit - 3 (Indian Educators : Part 1)		Vivekananda	BKS	Dec
				Rabindranath	BKS	Jan
				Gandhiji	BKS	Feb
		Unit - 4 (Indian Educators : Part 2)		Radhakrisnan	MD	Dec
				Begum Rokeya	MD	Jan
				Sister Nivedita	MD	Feb
				Internal & Uni. Exam		March
Women Education	DSE-B2	Unit - 1 (Historical Perspectives of Women Education)	Semester-6	Synoptic view of women education through the ages: Vedic, Brahmanic, Medieval Period.	MD	April
				Contribution of Missionaries.	MD	April
				Role of British Govt.	MD	May
		Unit - 2 (Policy Perspective, Committee and Commission		Constitutional provision, NPE -1968, 1986, 1992, POA-1992.	MD	May

		on Women Education)				
				Radhakrisnan, Mudaliar and Kothari Commission.	MD	June
				Durgabai Deshmukh Committee, Hansraj Mehta Committee and Bhaktabatsalam Committee.	MD	June
		Unit - 3 (Role of Indian Thinkers in promoting Women Education)		Rammohan Roy	BKS	April
				Vidyasagar	BKS	April
		Unit – 4 (Major Constraints of Women Education and Women Empowerment)		Social – Psychological	BKS	May
				Political – Economical	BKS	June
				Role of women empowerment in modern society in brief.	BKS	June
				Internal & Uni. Exam		July
Teaching Skill	SEC-B1	Unit - 1 (Understandin g Teaching)		Concept and definition of Teaching.	MD	April
				Nature of teaching and characteristic factors affecting teaching.	MD	April

				Relation between teaching and training.	MD	May
		Unit - 2 (Types of Teaching: Concept and Characteristics)		Micro-teaching and Micro lesson.	MD	May
				Simulated teaching.	MD	June
				Integrated teaching.	MD	June
		Unit: 3 – (Skills of Teaching : Basic Concept)		Nature and definition of skills of teaching.	BKS	April
				Developing teaching skills: Introducing a lesson, Questioning, Use of teaching aids, Illustration and Reinforcement.	BKS	April
				Phases of teaching: Pre-active, Inter-active, Post-active.	BKS	May
		Unit: 4 (Learning Design)		Concept and importance of learning design in teaching.	BKS	May
				Steps of learning design.	BKS	June
				Qualities of good learning design.	BKS	June
				Internal & Uni. Exam		July

Academic Plan
Department of English
K. K. Das College
Session: 2020-21

ENGLISH HONOURS						
Part/Sem	Name of the paper	Section	No.of Units	Topic/Unit	Name of the teacher	Month
Sem 1	**CC1** History of English Literature (Group A)	1	A	Old English Heroic Poetry, Old English Prose and Chaucer	BB	December, 20
1		1	B	Elizabethan Sonnets, University Wits and Ben Jonson	BB	January, 21
1		1	C	Restoration Comedy of Manners and Eighteenth century Novels	BB	February,21
1		2	D	Pre-Romantic Poetry and Romantic Non-Fiction Prose	AB	December, 20
1		2	E	Victorian Novel and the Pre-Raphaelites	AB	January,21
1		2	F	Modern Novel, Poetry and Drama	AB	February,21
				Term Paper Draft Submission		February,21
1	Philology (Group B)	1	A	Latin, Scandinavian & French Influence, Americanism	GD	December, 20
1		2	B	Short Notes	GD	January,21
1		2	C	Word-formation Processes and Consonant Shift	GD	February,21
				Term Paper Submission		February,21
				CLASS TEST		February,21
				Internal		March,21
1	**CC2** European Classical Literature (Group B)	1	A	Homer *The Iliad (Books I and II)*	GD	December, 20
1		2	B	Sophocles *Oedipus the King*	AB	December, 20
				Term Paper Draft Submission		End of February,21

1	Group C	1	A	Ovid, Selections from *Metamorphoses, Bacchus (Book III)*	SB	December, 21
1		2	B	Plautus *Pot of Gold*	SB	February,21
				Term Paper Submission		February,21
				CLASS TEST		February,21
				Internal		March,21
1	AECC 1 (Communicative English)			Grammar, Comprehension	GD	December, 20
				Internal		March,21
Sem 2	**CC3** Indian Writing in English	1 (Poetry)	A	Henry Louis Vivian Derozio 'To India, My Native Land'	BB	April,21
2			B	Toru Dutt 'Our Casuarina Tree'	BB	April,21
2			C	Kamala Das 'An Introduction'	BB	May,21
2			D	A.K. Ramanujan 'River'	BB	May,21
2			E	Nissim Ezekiel 'Enterprise'	BB	June,21
2			F	Jayanta Mahapatra 'Dawn at Puri'	BB	Junel,21
				Term Paper Draft Submission		June,21
2		2 (Novel)	A	Bankim Chattopadhyay *Rajmohan's Wife*	AB	April,21
2		3 (Drama)	A	Mahesh Dattani 'Bravely Fought the Queen'	GD	April, 21
				Term Paper Submission		June,21
				CLASS TEST		July,21
				Internal		July,21
2	**CC4** British Poetry & Drama (14^{th}-17^{th} century)	1 (Poetry)	A	Chaucer 'Wife of Bath's Prologue'	GD	April,21
2			B	Donne 'The Good Morrow'	GD	April,21
2			C	Marvell 'To his Coy Mistress'	GD	May,21
2			D	Shakespeare Sonnet 18 and 130	GD	May,21

			E	Spenser 'One Day I wrote her Name'	GD	June,21
				Term Paper Draft Submission		June,21
2		2 (Drama)	A	Shakespeare *Macbeth*	AB	May,21
2			B	Shakespeare *As You Like It*	SB	April,21
				Term Paper Submission		July,21
				CLASS TEST		May,21
				Internal		July,21
Semester 3	**CC5** American Literature	1 (Poetry)	A	Robert Frost 'After Apple Picking'	BB	August,20
3			B	Walt Whitman 'O Captain, My Captain'	BB	August,20
3			C	Sylvia Plath 'Daddy'	BB	September ,20
3			D	Langston Hughes 'Harlem'	BB	September ,20
3			E	Edgar Allan Poe 'To Helen'	BB	November ,20
3				**Term Paper Draft Submission**		December, 20
3		2 (Novel)	A	Ernest Hemmingway *The Old Man and the Sea*	AB	August-September ,20
3		3 (Stories)	A	Edgar Allan Poe 'The Purloined Letter'	GD	September ,20
3			B	F Scott Fitzgerald 'The Crack-Up'	GD	November ,20
3			C	William Faulkner 'Dry September'	GD	December, 20
3		4 (Drama)	A	Arthur Miller *Death of a Salesman*	SB	November ,20
3				**CLASS TEST**		November
3				**Term Paper Submission**		February,21
3				**Internal**		March,21
3	**CC6** (Popular Literature)	1	A	Lewis Carroll *Through the Looking Glass*	SB	December, 20
3			**B**	Agatha Christie *The Murder of Roger Ackroyd*	GD	November ,20

3				**Term Paper Draft Submission**		December, 20
3		2	A	Sukumar Roy *Abol Tabol*	AB	August-September ,20
3		3	A	Herge *Tintin in Tibet*	GD	September ,20
3				**CLASS TEST**		December, 20
3				**Term Paper Submission**		February,21
3				**Internal**		March,21
3	**CC7** (British Poetry and Drama 17^{th}-18^{th} century)	1 (Poetry)	A	John Milton *Paradise Lost*	GD	August-October, 20
3			B	Alexander Pope *The Rape of the Lock Cantos I-III*	BB	August-October,20
				Term Paper Draft Submission		November ,20
3		2 (Drama)	A	John Webster *The Duchess of Malfi*	AB	November ,20
3			B	Aphra Behn *The Rover*	SB	December, 20
3				**Class Test**		December, 20
3				**Term Paper Submission**		February,21
3				**Internal**		March,21
3	SEC A2 (Business Communication)			Business Letters, Meeting Minutes, E-Correspondence	SB	December, 21
				Internal		March,21
Sem 4	**CC8** (18^{th} Century British Literature)	1 (Poetry)	A	Samuel Johnson ‘London’	GD	April,21
4			B	Thomas Gray ‘Elegy Written in a Country Churchyard’	GD	April,21

4		2 (Drama)	A	William Congreve *The Way of the World*	GD	May,21
4				**Term Paper Draft Submission**		May,21
4		3 (Fictio n and Non-Fiction)	A	Daniel Defoe *Robinson Crusoe*	AB	April-May, 21
4			A	Joseph Addison 'Sir Roger at Home' and 'Sir Roger at Church'	AB	June, 21
4				**Term Paper Submission**		June,21
4				**Class Test**		June, 21
4				**Internal**		July, 21
4	**CC9 (**British Romantic Literature)	1 (Poetry)	A	William Blake 'The Lamb and The Tyger'	GD	April,21
4			B	Willliam Wordsworth 'Tintern Abbey'	GD	April, 21
4			C	Samuel Taylor Coleridge 'Kubla Khan'	GD	May,21
4			D	P.B. Shelley 'Ode to the West Wind' and 'To a Skylark'	GD	May - June, 21
4			E	John Keats 'Ode to a Nightingale' and 'Ode to Autumn'	GD	June, 21
4				**Term Paper Draft Submission**		May , 21
4		2 (Prose)	A	Mary Shelley *Frankenstein*	SB	April, 21
4			B	Charles Lamb 'Dream Children' & 'The Superannuated Man'	BB	May, 21l
4				**Term Paper Submission**		June, 21
4				**Class Test**		June, 21
4				**Internal**		July, 21
4	**CC10 (**19th Century British Literature)	1 (Poetry)	A	Lord Tennyson 'Ulysses'	AB	May, 21

4			B	Robert Browning 'My Last Duchess'	AB	May, 21
4			C	Christina Rossetti 'The Goblin Market'	AB	June, 21
4			D	Matthew Arnold 'Dover Beach'	AB	June, 21
4				**Term Paper Draft Submission**		May, 21
4		2(Novel)	A	Jane Austen *Pride and Prejudice*	BB	May, 21
4			B	Thomas Hardy *The Mayor of Casterbridge*	SB	May, 21l
4				**Term Paper Submission**		June, 21
4				**Class Test**		June, 21
4				**Internal**		July, 21
4	**SEC B2** (Academic Writing and Composition)			Academic Writing, Summarising, Paraphrasing, Citing sources	SB	December. 20
4				**Internal**		March, 21
Sem 5	**CC11** (Women's Writing)	1 (Poetry)	A	I Cannot Live With You : Emily Dickinson	BB	September, 20
5			B	How Do I Love Thee : E. B. Browning	BB	September, 20
5			C	Advice To Women : Eunice De Souza	BB	October, 20
5		2 (Fiction)	A	Wuthering Heights : Emily Bronte	GD	October, 20
5			B	Draupadi : Mahasweta Devi	AB	November ,20
5		3 (Non-Fiction)	A	A Vindication of the Rights of Woman : Mary Wollstonecraft	SB	October, 20
5			B	Amar Jiban : Rassundari Devi	SB	November, 20
5				**Term Paper Draft Submission**		December, 20
5				**Term Paper Submission**		February, 21
5				**Class Test**		February, 21

5				**Internal**		March, 21
5	**CC12** (Early 20th Century British Literature)	1 (Poetry)	A	The Love Song of J. Alfred Prufrock : T. S. Eliot	GD	September, 20
5			B	Preludes : T. S. Eliot	GD	October, 20
5			C	The Second Coming : W. B. Yeats	GD	November, 20
5			D	No Second Troy : W. B. Yeats	GD	November, 20
5			E	Spring Offensive : Wilfred Owen	GD	December, 20
5		2 (Fiction)	A	Heart Of Darkness : Joseph Conrad	AB	August - September, 20
5			B	Sons and Lovers : D. H. Lawrence	AB	October, 20
5		3 (Drama)	A	Pygmalion : George Bernard Shaw	GD	December, 20
5				**Term Paper Draft Submission**		December, 20
5				**Term Paper Submission**		February, 21
5				**Class Test**		February, 21
5				**Internal**		March, 21
5	**DSE A1** (Modern Indian Writing in English Translation)	1 (Stories)	A	The Shroud : Munshi Premchand	SB	December, 21
5			B	The Quilt : Ismat Chugtai	SB	December, 20
5			C	Rebati : Fakir Mohan Senapati	SB	December, 20
5		2 (Poetry)	A	Light, Oh Where Is The Light : Rabindranath Tagore	SB	January, 21
5			B	When My Play Was With Thee : Rabindranath Tagore	SB	January, 21

5			C	I Say Unto Waris Shah : Amrita Pritam	SB	January, 21
5		4 (Drama)	A	Silence! The Court Is In Session : Vijay Tendulkar	GD	January, 21
5				**Term Paper Draft Submission**		December, 20
5				**Term Paper Submission**		February, 21
5				**Class Test**		February, 21
5				**Internal**		March, 21
5	**DSE B1** (Literary Types, Rhetoric and Prosody)	1 (Literary Types)	A	Tragedy , Comedy	AB	December, 20
5			B	Short Stories	SB	January, 21
5		2 (Rhetoric and Prosody)	A	Rhetoric	GD	August-September , 20
5			B	Prosody	GD	September , 20
5				**Term Paper Draft Submission**		December, 20
5				**Term Paper Submission**		February, 21
5				**Class Test**		February, 21
5				**Internal**		March, 21
Sem 6	**CC13** (Modern European Drama)		A	A Doll's House : Henrik Ibsen	AB	April - May, 21
6			B	The Good Woman Of Szechuan : Bertolt Brecht	GD	April, 21
6			C	Waiting For Godot : Samuel Beckett	SB	June, 21
5				**Term Paper Draft Submission**		May, 21
6				**Term Paper Submission**		June, 21
6				**Class Test**		June, 21

6				**Internal**		July, 21
6	**CC14** (Postcolonial Literatures)	1 (Poetry)	A	Tonight I can Write : Pablo Neruda	SB	April, 21
6			B	A Far Cry From Africa : Derek Walcott	SB	April, 21
6			C	Revolving Days : David Malouf	SB	May, 21
6			D	The Voice Of The Mountain : Mamang Dai	SB	May, 21
6		2 (Novel)	A	Things Fall Apart : Chinua Achebe	AB	April, 21
6			B	Chronicle of a Death Foretold : Gabriel Garcia Marquez	GD	June, 21
6				**Term Paper Draft Submission**		May, 21
6				**Term Paper Submission**		June, 21
6				**Class Test**		June, 21
6				**Internal**		July, 21
6	**DSE A3** (Partition Literature)	1 (Novel)	A	The Shadow Lines : Amitav Ghosh	AB	May, 21
6		2 (Short Stories)	A	The Marooned : Protiva Basu	SB	May, 21
6			B	The Final Solution : Manik Bandopadhyay	SB	May, 21
6			C	Toba Tek Singh : Sadat Hasan Manto	SB	June, 21
6		3 (Poetry)	A	Twenty Sixth January : Sahir Ludhianvi	SB	June, 21
6			B	After Death: Twenty Years	SB	June, 21
6			C	Rehabilitation : Sankha Ghosh	SB	June, 21
6				**Term Paper Draft Submission**		May, 21
6				**Term Paper Submission**		June, 21
6				**Class Test**		June, 21
6				**Internal**		July, 21
6	**DSE B3** (Autobiography)		A	My Reminiscences (Chapter 1-15) : Rabindranath Tagore	GD	May, 21

6			B	Autobiography Or The Story Of My Experiments With Truth (Part I Chapter 1-8) : M. K. Gandhi	BB	May, 21
6			C	My Story And Life As An Actress (pp 61 - 83) : Binodini Dasi	SB	April, 21
6			D	Autobiography Of An Unknown Indian (Book I) : Nirad C. Chaudhuri	AB	June, 21
6				**Term Paper Draft Submission**		May, 21
6				**Term Paper Submission**		June, 21
6				**Class Test**		June, 21
6				**Internal**		July, 21
ELECTIVE ENGLISH						
Part/Sem	Name of the paper	Section	No.of Units	Topic/Unit	Name of the teacher	Month
Sem 1	**CC1/GE1**	1 (Poetry)	A	Sonnet 18 : William Shakespeare	SB	December, 20
1			B	Strange Fits Of Passion : William Wordsworth	SB	January,21
1			C	To A Skylark : P. B. Shelley	SB	January,21
1			D	To Autumn : John Keats	SB	February,21
1		2 (Short Story)	A	Araby : James Joyce	AB	December, 20
1			B	The Fly: Katherine Mansfield	AB	January, 21
1			C	The Lagoon : Joseph Conrad	AB	February, 21
				Term Paper Draft		**December, 20**
				Class Test		**January, 21**
				Term Paper Submission		**February, 21**
				Internal		**March, 21**

1	**AECC 1** (Communicative English)			Grammar, Comprehension	GD	December, 20
				Internal		**March, 21**
Sem 2	**CC2/GE2**	1 (Essay)	A	Dream Children: A Reverie - Charles Lamb	BB	April, 21
2			B	Shooting an Elephant : George Orwell	BB	May, 21
2		2 (Drama)	A	As You Like It : William Shakespeare	SB	May, 21
2			B	Arms and the Man: G. B. Shaw	GD	April, 21
2		3 (Novel)	A	The Mayor Of Casterbridge : Thomas Hardy	AB	May, 21
2				**Term Paper Draft**		**June, 21**
2				**Class Test**		**June, 21**
2				**Term Paper Submission**		**June, 21**
2				**Internal**		**July, 21**
Sem 3	**CC3/GE3** (Women's Writing and Women's Empowerment)	1 (Poetry)	A	How Do I Love Thee : Elizabeth Barret Browning	BB	September ,20
3			B	Uphill : Christine Rossetti	BB	October, 20
3			C	I Cannot Live With You : Emily Dickinson	BB	November , 20
3			D	Palanquin Bearers : Sarojini Naidu	BB	December, 20
3		2 (Prose)	A	Amar Jiban : Rassundari Devi	SB	December, 20
				Term Paper Draft		**December , 20**
				Class Test		**January, 21**
				Term Paper Submission		**February, 21**
				Internal		**March, 21**

3	**LCC (L1)-1** (Language, Variety and Stylistics)			Language and Communication, Language Varieties, Differences between American and British English	AB	September, 20
				Term Paper Draft		**December, 20**
				Class Test		**January, 21**
				Term Paper Submission		**February, 21**
				Internal		**March, 21**
3	**SEC A2** (Business Communication)			Business Communication	SB	January, 21
				Internal		**March, 21**
Sem 4	**CC4/GE4** (Academic Writing)			Introduction To The Writing Process, Academic Writing, Summarizing and Paraphrasing, Writing Essay, Citing Sources	SB	April, 21
				Term Paper Draft		**June, 21**
				Class Test		**June, 21**
				Term Paper Submission		**June, 21**
				Internal		**July, 21**
4	**SEC B1** (Spoken English)			Difference between speech and writing, Oral Communication, Good Communication, Rules of Civil Discourses	AB	May, 21
4				**Internal**		**July, 21**
4	**LCC (L2)-1** (Language, Society and Personality)	1(Language and Society)	A	The Idea of India: India's Mosaic of Multiplicities : Shashi Tharoor	AB	April,21
4			B	Roots: Ismat Chugtai	AB	April, 21
4			C	A Gandhian In Garhwal: Ramchandra Guha	AB	May,21

4		2 (Language and Personality)	A	Gandhi and The Western World: Louis Fischer	AB	May, 21
4			B	Makers of Indian Literature : Sisirfumar Ghosh	AB	June, 21
4			C	Isvar Chandra Vidyasagar: Subal Chandra Mitra	AB	June, 21
4				**Term Paper Draft**		**June, 21**
4				**Class Test**		**June, 21**
				Term Paper Submission		**June, 21**
				Internal		**July, 21**
Sem 5	**LCC (L1)-2** (Language, Imagination and Creativity)	1		Plain Language and Figurative Language	GD	September, 20
5		2(Poetry)	A	Three Years She Grew: William Wordsworth	GD	October, 20
5			B	Break, Break, Break: Alfred Tennyson	GD	November, 20
5			C	To India, My Native Land : H.L.V. Derozio	GD	November ,20
5			D	Gitanjali 50: Rabindranath Tagore	GD	December, 20
5		3		Writing Story, Travelogue, Advertisement Matters	GD	January, 21
				Term Paper Draft		**December, 20**
				Class Test		**January, 21**
				Term Paper Submission		**February, 21**
				Internal		**March, 21**
5	**DSEA2** (Modern Indian Writing in English Translation)	1(Novel)		Home and the World: Rabindranath Tagore	BB	September, 20

5		2 (Poetry)	A	Light, Oh Where Is The Light : Rabindranath Tagore	SB	December, 20
5			B	When My Play Was With Thee : Rabindranath Tagore	SB	January, 21
5			C	I Say Unto Waris Shah : Amrita Pritam	SB	January, 21
		4 (Drama)	A	Charandas Chor: Habib Tanvir	GD	October,20
5			B	Silence! The Court Is In Session : Vijay Tendulkar	GD	January, 21
5				**Term Paper Draft Submission**		December, 20
5				**Term Paper Submission**		February, 21
5				**Class Test**		February, 21
5				**Internal**		March, 21
5	**SEC A2** (Business Communication)			Business Communication	SB	January, 21
				Internal		**March,21**
Sem 6	**DSE B1** (Partition Literature)	1 (Novel)	A	The Shadow Lines : Amitav Ghosh	AB	May, 21
6		2 (Short Stories)	A	The Marooned : Protiva Basu	SB	May, 21
6			B	The Final Solution : Manik Bandopadhyay	SB	May, 21
6			C	Toba Tek Singh : Sadat Hasan Manto	SB	June, 21
6		3 (Poetry)	A	Twenty Sixth January : Sahir Ludhianvi	SB	June, 21
6			B	After Death: Twenty Years	SB	June, 21
6			C	Rehabilitation : Sankha Ghosh	SB	June, 21
6				**Term Paper Draft Submission**		May, 21
6				**Term Paper Submission**		June, 21
6				**Class Test**		June, 21
6				**Internal**		July, 21

6	**SEC B1** (Spoken English)			Difference between speech and writing, Oral Communication, Good Communication, Rules of Civil Discourses	AB	May, 21
6				**Internal**		**July, 21**
6	**LCC (L2)-2** (Language, Creativity and Analysis)	1 (Prose)	A	Out of Business : R. K. Narayan	BB	April, 21
6			B	The Boss Came To Dinner: Bhisham Sahni	BB	April, 21
6			C	The Thief's Story: Ruskin Bond	BB	May, 21
6			D	The Child: Prem Chand	BB	May, 21
6		2 (Poetry)	A	Geetanjali XVIII : Rabindranath Tagore	BB	June,21
6			B	Life : Purushottam Lal	BB	June, 21
6			C	In A Country Cottage: Nissim Ezekeil	BB	June, 21
6			D	The Female of The Species: Gauri Deshpande	BB	July, 21
6				**Term Paper Draft**		**June, 21**
6				**Class Test**		**June, 21**
6				**Term Paper Submission**		**June, 21**
6				**Internal**		**July, 21**

K.K.DAS COLLEGE

DEPARTMENT OF HISTORY

ACADEMIC PLAN 2020-2021

HON0URS AND GENERAL

SEM	PAPER	MODULE/UNIT	TEACHER	MONTH
3rdsem	CC5(HISTORY OF INDIA C750-1206)	I.Studying Early medieval India Historical geography sources: texts, epigraphic and numismatic data. Debates on Indian Feudalism, rise of the Rajputs and the nature of the state.	SSG,DB	AUGUST,2020
3rdSem	CC6(RISE OF THE MODERN WEST)	I.Transition debate on transition from feudalism to capitalism:problems and theories.	SS	AUGUST
3rd Sem	CC7 HISTORY OF INDIA(C1206-1526)	I.Interpreting the Delhi Sultanate. Survey of sources: Persian tarikh tradition; vernacular histories; epigraphy	AM,DB	AUGUST
3rdSem	SEC A1 (Archives and museums)	I. Definition and history of development (with special reference to India)	SSG	AUGUST
5thSem	CC11 History of Modern Europe (c.1780 – 1939) I	I. The French Revolution and its European repercussions: a) Crisis of *ancien regime*	SS	AUGUST
5thSem	CC-12: History of India (c 1750s	I. India in the mid 18thCentury; Society, Economy, Polity	DB	AUGUST

	– 1857)			
5thSem	DSE-A-1 SEM -5: I. History of Bengal (c.1757-1905)	Bengal under the Nawabs: Rise of British power in Bengal from the battle of Plassey to Buxar.	SSG	AUGUST
5thSem	DSE-B-1 SEM -5: History of Modern East Asia – I China (c.1840 – 1949)	a) Chinese feudalism : Gentry, Bureaucracy and peasantry,the Confucian value system .Sinocentrisism ;the canton commercial system	AM	AUGUST
3rdSem	CC5(HISTORY OF INDIA C750-1206)	II.Political structures a) Evolution of political structures: Rashtrakutas, Palas, Pratiharas, Rajputs and Cholas. b) Legitimization of kingship; Brahmanas and temples; royal genealogies and rituals c)Arab conquest of Sindh : nature and impact of the new set-up; Ismaili Dawah d) Cause and consequences of early Turkish invasions : Mamud of Ghazna; Shahab-ud-Din of Ghur.	SSG,DB	SEPTEMBER
3rdSem	CC6(RISE OF THE MODERN WEST)	II a)The exploration of the new world:motives b)Portugese and Spanish voyages	SS	SEPTEMBER
3rd Sem	CC7 HISTORY OF INDIA(C1206-1526)	II.Sultanate Political Structures a. Foundation, expansion and consolidation of the Sultanate of Delhi; the Khaljis and the Tughluqs; Mongol threat and Timur's invasion; Rise and fall of Syed dynasty; The Lodis; Conquest of Bahlul and Sikandar; Ibrahim Lodi and the battle of Panipat; b. Theories of Kingship; Ruling elites; Sufis, Ulama and the political authority; imperial monuments and coinage c. Emergence of provincial dynasties: Bahamanis, Vijayanagar, Gujarat, Malwa, Jaunpur and Bengal d. Consolidation of regional identities: regional art, architecture and literature	AM,DB	SEPTEMBER
3rdSem	SEC A1	II. **Types of archives and museums**: Understanding the traditions of preservation in India Collection policies, ethics and procedures Collection: field exploration, excavation,	SSG	SEPTEMBER

		purchase, gift and bequests, loans and deposits, exchanges, treasure trove confiscation and others. Documentation: accessioning, indexing, cataloguing, digital documentation and deaccessioning		
5thSem	CC11 History of Modern Europe (c.1780 – 1939) I	b)Intellectual currents c) Social classes and emerging gender relations. d) Phases of the French Revolution e)Art and Culture of French Revolution f)Napoleonic consolidation – reform and empire	SS	SEPTEMBER
5thSem	CC-12: History of India (c 1750s – 1857) I.	II.Expansion and consolidation of Colonial Power a) Mercantilism, foreign trade and early forms of exactions from Bengal b) Dynamics of expansion, with special reference to Bengal, Mysore, Western India, Awadh, Punjab and Sindh	DB	SEPTEMBER
5thSem	DSE-A-1 SEM -5: I. History of Bengal (c.1757-1905)	II.Administrative history,1765-1833	SSG	SEPTEMBER
5thSem	DSE-B-1 SEM -5: History of Modern East Asia – I China (c.1840 – 1949)	b)The transformation of China into an informal colony:the opium wars:the unequal Treaties:Thescable for concessions:FinanceImperialism:the Open Door policy	AM	SEPTEMBER
3rdSem	CC5(HISTORY OF INDIA C750-1206)	III.Agrarian structure and social change a) Agricultural expansion; crops b)Landlords and peasants c)Proliferation of castes: status of untouchables d) Tribes as peasants and their place in the Varna order IV.Trade and Commerce a) Inter-regional trade b) Maritime trade c) Forms of exchange d)Process of urbanization e)Merchant guilds of South India	SSG,DB	OCTOBER/NOVEMBER
3rdSem	CC5(HISTORY OF INDIA C750-1206)	**CLASS TEST**	SSG,DB	OCTOBER/NOVEMBER
3rdSem	CC6(RISE OF THE MODERN WEST)	III.Renaissance a) Renaissance : its social roots b.) Renaissance humanism c.) Rediscovery of classics	SS	OCTOBER/NOVEMBER

		d.) Italian renaissance and its impact on art, culture, education and political thought. e.) Its spread in Europe IV.Reformation movements: Origins and courses . a) Reformation movements: Origins & courses b.) Martin Luther & Lutheranism c.) John Calvin & Calvinism d.) Radical reformation: Anabapists and Huguenots e.) English reformation and the role of the state f.) Counter Reformation		
3rdSem	CC6(RISE OF THE MODERN WEST)	**CLASS TEST**	SSG	OCTOBER/NOVEMBER
3rd Sem	CC7 HISTORY OF INDIA(C1206-1526)	III.Society and Economy a. Iqta and the revenue-free grants b. Agriculture production; technology c. Changes in rural society; revenue systems d. Monetization; market regulations; growth of urban centres; trade and commerce; Indian Ocean trade	AM,DB	OCTOBER/NOVEMBER
3rd Sem	CC7 HISTORY OF INDIA(C1206-1526)	**CLASS TEST**	AM,DB	OCTOBER/NOVEMBER
3rdSem	SEC A1	Preservation: curatorial care, preventive conservation, chemical preservation and restoration III. Museum Presentation and Exhibition	SSG	OCTOBER/NOVEMBER
5thSem	CC11 History of Modern Europe (c.1780 – 1939) I	II.Restoration and Revolution:C1815-1848 a) Forces of conservatism and restoration of old hierarchies. b) Social, Political and intellectual currents. c) Revolutionary and Radical movements, 1830 -1848	SS	OCTOBER/NOVEMBER
5thSem	CC11 History of Modern Europe (c.1780 – 1939) I	**CLASS TEST**	SS	OCTOBER/NOVEMBER

5thSem	CC-12: History of India (c 1750s – 1857) I.	III Colonial State and Ideology a) Arms of the colonial state : army, police, law b) Ideologies of the Raj and racial attitudes. c) Education : indigenous and modern	DB	OCTOBER/NOVEMBER
5thSem	CC-12: History of India (c 1750s – 1857) I.	**CLASS TEST**	DB	OCTOBER/NOVEMBER
5thSem	DSE-A-1 SEM -5: I. History of Bengal (c.1757-1905)	III.Colonial economy Agriculture,trade and industry	SSG	OCTOBER/NOVEMBER
5thSem	DSE-A-1 SEM -5: I. History of Bengal (c.1757-1905)	**CLASS TEST**	SSG	OCTOBER/NOVEMBER
5thSem	DSE-B-1 SEM -5: History of Modern East Asia – I China (c.1840 – 1949)	c)Agrarian and Popular Movements:Taiping and Yi Ho Tuan	AM	OCTOBER/NOVEMBER
5thSem	DSE-B-1 SEM -5: History of Modern East Asia – I China (c.1840 – 1949)	**CLASS TEST**	AM	OCTOBER/NOVEMBER
1stSem	CC1 (HISTORY OF INDIA,FROM THE EARLIEST TIMES TO C 300 BCE)	I.Reconstructing Ancient Indian history a) Early Indian notions of History b) Sources and tools of historical reconstruction. c) Historical interpretations (with special reference to gender, environment, technology and regions II.Hunter Gathers 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	SS,SSG	DECEMBER
1stSem	CC2 (SOCIAL FORMATION AND CULTURAL PATTERNS OF	1.Evolution of human kind **:** Paleolithic and Mesolithic cultures – Role of kinship social institutions in the development of early	AM,DB	DECEMBER

	THE ANCIENT WORLD OTHER THAN India)	societies. II.Food Production beginnings of agriculture and animal husbandry		
3rdSem	CC5(HISTORY OF INDIA C750-1206)	V..Religious and Culyural developments a)Bhakti, Tantrism, Puranic traditions; Buddhism and Jainism; Popular religious cults. b) Islamic intellectual traditions: Al-Biruni; Al-Hujwiri c)Regional languages and literature 15 d)Art and architecture: Evolution of regional styles	SSG,DB	DECEMBER
3rdSem	CC6(RISE OF THE MODERN WEST)	V. Economic developments . a) Economic developments b.) Shift of economic balance from the Mediterranean to the Atlantic c.) Commercial Revolution d.) Price Revolution e.) Agricultural Revolution and the Enclosure Movement	SS	DECEMBER
3RDSem	CC7 HISTORY OF INDIA(C1206-1526)	Religion and Culture a. Sufi silsilas: Chishtis and Suhrawardis; doctrines and practices; social roles. b. Bhakti movements and monotheistic traditions in South and North India; Women Bhaktas; Nathpanthis; Kabir, Nanak and the Sant tradition c. Sufi literature; Malfuzat; Premakhayans d. Architecture of the Delhi Sultanate	AM,DB	DECEMBER
3rdSem	SEC A1	III. Museum Presentation and Exhibition	SSG	DECEMBER
5thsem	CC11 History of Modern Europe (c.1780 – 1939) I	Capitalist Industrialization and Social and Economic Transformation(Late 18th century to AD 1914 a) Process of capitalist development in industry and agriculture: case studies of Britain, France, the German States and Russia. b) Evolution and Differentiation of social classes : Bourgeoisie, proletariat, Land Owning classes and peasantry.	SS	DECEMBER

		c) Changing trends in demography and urban patterns d)Family, gender and process of industrialization.		
5thSem	CC-12: History of India (c 1750s – 1857) I.	IV.Rural Economy and Society a) Land revenue systems and forest policy b) Commercialization and indebtedness c) Rural society : change and continuity. d) Famines e)Pastoral economy and shifting cultivation	DB	DECEMBER
5thSem	DSE-A-1 SEM -5: I. History of Bengal (c.1757-1905)	IV.Cultural changes and Social amd Religious Reform Movements	SSG	DECEMBER
5thSem	DSE-B-1 SEM -5: History of Modern East Asia – I China (c.1840 – 1949)	d)Attempts at Self Streghening (Tzu-Chiang)Reforms of 1860-95:1898 and 1901-08	AM	DECEMBER
1st Sem,2021	CC1 (HISTORY OF INDIA,FROM THE EARLIEST TIMES TO C 300 BCE)	III.TheHarappan Civilization Origins; settlement patterns and town planning; agrarian base; craft productions and trade; social and political organization; religious beliefs and practices; art; the problem of urban decline and the late/post-Harappan traditions	SS,SSG	JANUARY,2021
1stSem	CC2 (SOCIAL FORMATION AND CULTURAL PATTERNS OF THE ANCIENT WORLD OTHER THAN India)	III.Bronze age Civilization with reference to any one of the following : i)Egypt (Old Kingdom); ii)China(Shang), economy, social stratification, state structure, religion. IV..nomadic groups in Central and West Asia **;** Debate on the advent of iron and its implications.	AM,DB	JANUARY
1st Sem,2021	CC1 (HISTORY OF INDIA,FROM THE EARLIEST TIMES TO C 300 BCE)	**CLASS TEST**	SS,SSG	JANUARY
1stSem	CC2 (SOCIAL FORMATION AND CULTURAL PATTERNS OF	**CLASS TEST**	AM,DB	JANUARY

	THE ANCIENT WORLD OTHER THAN India)			
3rdSem	CC5(HISTORY OF INDIA C750-1206)	V..Religious and Cultural developments a)Bhakti, Tantrism, Puranic traditions; Buddhism and Jainism; Popular religious cults. b) Islamic intellectual traditions: Al-Biruni; Al-Hujwiri c)Regional languages and literature 15 d)Art and architecture: Evolution of regional styles	SSG,DB	JANUARY
3rdSem	CC6(RISE OF THE MODERN WEST)	V1 Development of National monarchy a) Development of national monarchy b.) Emergence of European state system	SS	JANUARY
3rd Sem	CC7 HISTORY OF INDIA(C1206-1526)	Religion and Culture a. Sufi silsilas: Chishtis and Suhrawardis; doctrines and practices; social roles. b. Bhakti movements and monotheistic traditions in South and North India; Women Bhaktas; Nathpanthis; Kabir, Nanak and the Sant tradition c. Sufi literature; Malfuzat; Premakhayans d. Architecture of the Delhi Sultanate	AM,DB	JANUARY
3rd Sem	SEC A1	III. Museum Presentation and Exhibition IV. Museums, Archives and Society: (Education and communication Outreach Activities)	SSG	JANUARY
5thSem	CC11 History of Modern Europe (c.1780 – 1939) I	IV.Varieties of Nationalism and the Remaking of Sates in the 19th and 20th Centuries a)Intellectual currents, popular movements and the formation of National identities in Germany, Italy, Ireland and the Balkans. b) Specifications of economic development, political and administrative Reorganization – Italy; Germany. c) Revolutions of 1905; the Bolshevik Revolution of 1917 d) Programme of Socialist Construction and	SS	JANUARY

		the Soviet Union during the inter-war period 1918- 39. V..Imperialism,War and Crisis:c 1880-1918 a) Theories and mechanisms of imperialism; b) Growth of Militarism; c) Power blocks and alliances; d) Expansion of European empires e) War of 1914 - 1918		
5thSem	CC-12: History of India (c 1750s – 1857) I.	V.Trade and Industry a)De industrialization b)Trade and fiscal policy c) Drain of Wealth d) Growth of modern industry	DB	JANUARY
5thSem	DSE-A-1 SEM -5: I. History of Bengal (c.1757-1905)	V.Social Reforms and the Women's question VI.Protest movements and insurgencies agaist the Raj:The Fakir and Sannyasirevolts,Indigo Revolt(1859-1860),Pabna Peasant Uprisings(1873-76)	SSG	JANUARY
5thSem	DSE-B-1 SEM -5: History of Modern East Asia – I China (c.1840 – 1949)	II.a.The Emergence of Nationalism in China a)The Revolution of 1911:Causes,nature and significance:the social composition ofb the Revolution:SunYatSen and his contribution:the formation of the Republic :Yuan Shih Kai:WarLoardism b)May Forth Movement of 1919:Nature and Significance	AM	JANUARY
1stSem	CC1 (HISTORY OF INDIA,FROM THE EARLIEST TIMES TO C 300 BCE)	IV.Cultures in Tansition 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)	SS,SSG	FEBRUARY
1st Sem	CC2 (SOCIAL FORMATION AND CULTURAL PATTERNS OF THE ANCIENT WORLD OTHER THAN India)	V.Slave society in ancient Greece and Rome VI.Polis in ancient Greece.	AM,DB	FEBRUARY
1stSem	CC1	**INTERNAL and TUTORIAL**	SS,SSG	FEBRUARY
1stSem	CC2	**INTERNAL and TUTORIAL**	AM,DB	FEBRUARY
3rdSem	CC5(HISTORY OF	**INTERNAL and TUTORIAL**	SSG,DB	FEBRUARY

	INDIA C750-1206)			
3rdSem	CC6(RISE OF THE MODERN WEST)	**INTERNAL and TUTORIAL**	SS	FEBRUARY
3RDSem	CC7 HISTORY OF INDIA(C1206-1526)	**INTERNAL and TUTORIAL**	AM,DB	FEBRUARY
3rd Sem	SEC A1	**INTERNAL**	SSG	FEBRUARY
5thsem	CC11 History of Modern Europe (c.1780 – 1939) I	VI.Europe between Two World Wars	SS	FEBRUARY
5thSem	CC-12: History of India (c 1750s – 1857) I.	VI.Popular Resistance	DB	FEBRUARY
5thSem	DSE-A-1 SEM -5: I. History of Bengal (c.1757-1905)	VII.Partition of Bengal 1905:Curzon and the administration blueprint.	SSG	FEBRUARY
5thSem	DSE-B-1 SEM -5: History of Modern East Asia – I China (c.1840 – 1949)	II.History of China(cc 1919-1949)	AM	FEBRUARY
5thSem	CC1I	**INTERNAL and TUTORIAL**	SS	FEBRUARY
5thSem	CC-12	**INTERNAL and TUTORIAL**	DB	FEBRUARY
5thSem	DSE-A-1 SEM -5: I	**INTERNAL and TUTORIAL**	SSG	FEBRUARY
5thSem	DSE-B-1 SEM -5:	**INTERNAL and TUTORIAL**	AM	FEBRUARY
1stSem	CC1	**FINAL EXAMINATION**		MARCH
1stSem	CC2	**FINAL EXAMINATION**		MARCH
3rdSem	CC5	**FINAL EXAMINATION**		MARCH
3rdSem	CC6	**FINAL EXAMINATION**		MARCH
3rd Sem	CC7	**FINAL EXAMINATION**		MARCH
3rd Sem	SEC A1	**FINAL EXAMINATION**		MARCH
5thSem	CC11	**FINAL EXAMINATION**		MARCH
5thSem	CC-12:	**FINAL EXAMINATION**		MARCH
5thSem	DSE-A-1 SEM -5:)	**FINAL EXAMINATION**		MARCH

5thSem	DSE-B-1 SEM - 5:)	**FINAL EXAMINATION**		MARCH
2ndSem	CC3 (History of India C 300BCE to C 750 CE)	I.Economy and Society 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 II.Changing political formations a)The Mauryan Empire b)Post-Mauryan Poliities with special reference to the Kushanas and the Satavahanas; Gana-Sanghas	AM,DB	APRIL
2ndSem	CC4 (Social Formations and Cultural Patterns of the Medial World other than India	1.Group B. III.Crisis of the Roman Empire and its causes	SS,SSG	APRIL
4th Sem	CC8(RISE OF THE MODERN WEST-II)	I.Printing Revolution Revolution in war techniques.	SS	APRIL
4th Sem	CC9(HISTORY OF INDIA C 1526-1605)	I.Sources and Historiography a) Persian literary culture; translations; Vernacular literary traditions. b)Modern Interpretations	AM	APRIL
4th Sem	CC10(HISTORY OF INDIA C 1605-1750)	I.Sources Persian and vernacular literary cultures, histories, memoirs and travelogues	SSG,DB	APRIL
4thSem	SEC B1 Understanding Popular Culture	I Introduction: Defining popular culture and understanding it historically	SSG	APRIL
6thsem	CC-13 : History of India (c. 1857 – 1964) I.	I. Cultural changes and Social and Religious Reform Movements: a) Growth of a new intelligentsia – the Press and Public Opinion b) Reform and Revival : BrahmoSamaj, PrarthnaSamaj, and Ramakrishna and Vivekananda, Arya Samaj, Wahabi, Deoband, Aligarh and Singh Sabha Movements. c)Debates around gender d)Making of religious and linguistic identities e)Caste : Sanskritising and anti Brahminical trends	DB	APRIL

		II. Nationalism : Trends up to 1919 a)Formation of early political organizations b) Moderates and extremists c)Swadeshi movement d)Revolutionaries III. Gandhian nationalism after 1919 : Ideas and Movements: a)Mahatma Gandhi : his Perspectives and Methods b)i) Impact of the First World War ii) Rowlatt Satyagraha and Jalianwala Bagh iii)Non-Cooperative and Civil Disobedience iv)Provincial Autonomy, Quit India and INA c)Left wing movements d)Princely India : States people movements		
6th Sem	CC14 (History of World Politics: 1945-1994**)**	I. The Cold War: Weakening of European balance of power: Origins of The Cold War: Yalta and Potsdam Conferences; End of wartime alliance II. The USA in World Politics: Truman Doctrine, Marshall Plan, NATO. III. The USSR in World Politics: Molotov Plan, COMECON and Cominform; Sovietisation of Eastern Europe; Berlin Blockade; Warsaw Pact	SS	APRIL
6th Sem	DSE A3 (History of Bengal c1905-1947)	Partition of Bengal and Swadeshi Movement (1905-08) Political ideology and organizations, rise of Extremism in Bengal, Swadeshi movement, Revolutionary terrorism II. Communal Politics: 1906- 30 Birth of Muslim League, and the Hindu response. III. Gandhian nationalism after 1919, Non-Cooperation and Khilafat movement, Swaraj party, Civil Disobedience movement, Revolutionary Nationalists and the beginnings of Left politics in the 1920s, Rise of Krishak Praja Party, Muslim League in Bengal politics. IV. Government of India Act 1935 and its aftermath:	SSG	APRIL
6thSem	DSE B3 History of Modern East Asia-II Japan(C1898-1945)	I.Transition from feudalism to capitalism a) Crisis of Tokugawa Bakuhan system b) Meiji Restoration : Its nature and Significance c) Political Reorganization d) Military Reforms e) Social, cultural and educational reforms	AM	APRIL

		(Bunmeikaika) f) Financial reforms and educational development in the 'Meiji' era g) Meiji Constitution		
2nd Sem	CC3 (History of India C 300BCE to C 750 CE)	III.Towards early medieval India(circa CE Fourth century ti 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	AM,DB	MAY
2nd Sem	Cc4((SOCIAL FORMATION AND CULTURAL PATTERNS OF THE MEDIEVAL WORLD OTHER THAN India)	Historiography	SS,SSG	MAY
2nd Sem	CC3 (History of India C 300BCE to C 750 CE)	**CLASS TEST**	AM,DB	MAY
2nd Sem	Cc4((SOCIAL FORMATION AND CULTURAL PATTERNS OF THE MEDIEVAL WORLD OTHER THAN India)	**CLASS TEST**	SS,SSG	MAY
4th Sem	CC8(RISE OF THE MODERN WEST-II)	a.Crisis in Europe in the 17th Century b.Its economic,social and political dimentions III. a.) The English Revolution : major issues b.) Political and intellectual issues	SS	MAY
4th Sem	CC8(RISE OF THE MODERN WEST-II)	**CLASS TEST**	SS	MAY
4th Sem	CC9(HISTORY OF INDIA C 1526-1605)	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	AM	MAY

		b) Evolution of administrative institutions : Zabt, Masnab, Jagir, Madad-I-Maash c) Revolts and resistance IV. Expansion and Integration: a)Incorporation of Rajputs and other indigenous groups in Mughal nobility. b)North-West frontier, Gujarat and the Deccan III. Consolidation of Mughal rule under Akbar: a) Campaigns and conquests: tactics and technology 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		
4th Sem	CC9(HISTORY OF INDIA C 1526-1605)	**CLASS TEST**	AM	MAY
4th Sem	CC10(HISTORY OF INDIA C 1605-1750)	ii.Political Culture under Jahangir and Shahajahan 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 IV. Visual Culture: Paintings and Architecture V. Patterns of Regional Politics: a) Rajput political culture and state 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	SSG,DB	MAY
4th Sem	CC10(HISTORY OF INDIA C	**CLASS TEST**	SSG,DB	MAY

	1605-1750)			
4th Sem	SEC B1	II Visual expressions Folk art, calendar art, photography III. Performance: Theatre; music; folk tales/songs/swang and Nautanki:Identifying themes,functionality, anxieties	SSG	MAY
6th Sem	CC-13 History of India (c. 1857 – 1964)	IV. Nationalism and Social Groups : Interfaces: a) Landlords, Professionals and Middle Classes b)Peasants c)Tribals d)labours e)Dalits f)Women g)Business groups V.Communalism : Ideologies and practices, RSS , Hindu Maha Sabha, Muslim League	DB ,SSG	MAY
6th Sem	CC-13 History of India (c. 1857 – 1964)	**CLASS TEST**	DB ,SSG	MAY
6thSem	CC14(History of World Politics: 1945-1994)	IV. Manifestation of Cold War: The Korean Crisis- End of French Colonial rule in Indo-China and the Vietnam War – Cuban Crisis. V. De-Stalinisation; Thaw in Cold War; Détente and road to the ending of Cold War. VI. Disintegration and Decline of the Soviet Union – Glasnost and Perestroika – Crisis of Socialist regimes in other East European Countries: Poland, Germany, Czechoslovakia, Hungary – Response of the USA; Rise of a Unipolar World system, Globalization.	SS	MAY
6thsem	CC14(History of World Politics: 1945-1994)	**CLASS TEST**	SS	MAY
6thSem	DSE A3 (History of Bengal c1905-1947)	V. Peasant Movements in Bengal 1920-1946, Labour Movement in Bengal 1920-1946, Caste Movement in Bengal 1920-1946, Women's Movements in Bengal 1920-1946. VI. Subhash Chandra Bose and the Congress, Quit India Movement in Bengal, Post war upsurges in Bengal- Left wing movements	SSG	MAY
6thSem	DSE A3 (History of	**CLASS TEST**	SSG	MAY

	Bengal c1905-1947)			
6thSem	DSE B3 History of Modern East Asia-II Japan(C1898-1945)	II.Japanese Imperialism a)China b)Manchuria c)Korea	AM	MAY
6thSem	DSE B3 History of Modern East Asia-II Japan(C1898-1945)	**CLASS TEST**	AM	MAY
2nd Sem	CC3(HISTORY OF INDIA C300BCE to c750CE)	IV.Religion,philosophy and society (c 300BCE-CE 750) a)Consolidation of the Brahmanical tradition : dharma, Varnashram, Purushastras, Samskaras. b)Theistic cults (from circa second century BC): Mahayana; the Puranic tradition. c) The beginnings of Tantricism a)Consolidation	DB,AM	JUNE
2nd Sem	Cc4((SOCIAL FORMATION AND CULTURAL PATTERNS OF THE MEDIEVAL WORLD OTHER THAN India)	IV.Religion and Culture in Medieval Europe:Society,Religiousorganizations,Carolingian Renaissance,12th century Renaissance, position of women in Medieval Europe, Witchcraft and Magic, Urbanization,Rise of University,Medieval art and architecture. V. The feudal society its origins and its crisis: Historiography GROUP- C VI. Judaism and Christianity under Islam	SS,SSG	JUNE
2nd Sem	CC3	**INTERNAL and TUTORIAL**	AM,DB	JUNE
2nd Sem	CC4	**INTERNAL and TUTORIAL**	SS,SSG	JUNE
4th Sem	CC8(RISE OF THE MODERN WEST-II)	IV. a.) Scientific Revolution b.) Emergence of scientific academies c.) Origins of Enlightenment Va.) Mercantilism and European economics b.) Preludes to the Industrial Revolution VI. a). European Politics in the 17th & 18th Century b.) Parliamentary monarchy c.) patterns of Absolutism in Europe	SS	JUNE
4th Sem	CC9(HISTORY OF INDIA C 1526-1605)	VI. Political and religious ideals: a)Inclusive political ideas: theory and practice	AM	JUNE

		b) Religious tolerance and Sulh-i-kul; Sufi mystical and intellectual interventions c)Pressure from the Ulama		
4th Sem	CC 10(HISTORY OF INDIA C 1605-1750)	V. Trade and Commerce a)Crafts and technologies; Monetary system b) Markets, transportation, urban centres c) Indian Ocean trade network	SSG,DB	JUNE
4th Sem	SEC B1	IV. The audio-visual: cinema and television: Indian cinema: Mapping the influence of the national struggle for independence (1930s and 40s); Idealized nationalism (1950s), disillusionment and the anti-establishment mood (1970s and 80s); documentary films Expressions of popular culture in television V. Fairs, Festivals and Rituals: Disentangling mythological stories, patronage, regional variations VI. Popular culture in a globalized world: The impact of the Internet and audio-visual media	SSG	JUNE
4th Sem	CC8	**INTERNAL and TUTORIAL**	SS	JUNE
4th Sem	CC 9	**INTERNAL and TUTORIAL**	AM	JUNE
4th Sem	CC 10	**INTERNAL and TUTORIAL**	SSG,DB	JUNE
4th Sem	SEC B1	**INTERNAL**	SSG	JUNE
6th Sem	CC-13 History of India (c. 1857 – 1964)	VI. Independence and Partition a)Negotiations for independence and partition b)Popular movements c)Partition riots VII. Emergence of a New State: a)Making of the Constitution b)Integration of princely states c) Land reform and beginnings of planning d) The Nehru years.	DB,SSG	JUNE
6th Sem	CC14 (History of World Politics: 1945-1994)	VII. Emergence of the People's Republic of China – China and the USA – Sino-Soviet rift. VIII. West Asian Crisis – Palestine and Western Powers – Birth of Israel – Arab-Israel Conflict –The Suez Crisis (1956); Origin and Formation of PLO; Yom Kippur War(1973) ; Camp David Accord(1979); Oslo Peace Accord(1993). IX. Decolonization: The African Case Study:	SS	JUNE

		Ghana, Algeria, Congo, Kenya. X. Protest Politics: Civil Rights Movement, Anti-Apartheid Movement and the end of Apartheid (1994), Second Wave Feminist Movement		
6th Sem	DSE A3 (History of Bengal c1905-1947)	VIII. Independence and Partition: Communal Riots, the great Calcutta killing and Noakhali riots, Hindu Mahasabha, Muslim League, freedom and Partition, Birth of West Bengal and East Pakistan	SSG	JUNE
6thSem	DSE B3 History of Modern East Asia-II Japan(C1898-1945)	3) Democracy and Militarism / Fascism a) Popular/ People's Rights Movement b) Nature of political parties c) Rise of Militarism-Nature and significance d) Second World War; American occupation e) Post-War Changes	AM	JUNE
6th Sem	CC-13	**INTERNAL and TUTORIAL**	DB,SSG	JUNE
6th Sem	CC14	**INTERNAL and TUTORIAL**	SS	JUNE
6thSem	DSE A3	**INTERNAL and TUTORIAL**	SSG	JUNE
6thSem	DSE B3	**INTERNAL and TUTORIAL**	AM	JUNE
2ndSem	CC3	**FINAL EXAM**		JULY
2ndSem	Cc4	**FINAL EXAM**		JULY
4th Sem	CC8	**FINAL EXAM**		JULY
4th Sem	CC9	**FINAL EXAM**		JULY
4th Sem	CC 10	**FINAL EXAM**		JULY
4th Sem	SEC B1	**FINAL EXAM**		JULY
6th Sem	CC-13	**FINAL EXAM**		JULY
6th Sem	CC14	**FINAL EXAM**		
6th Sem	DSE A3	**FINAL EXAM**		JULY
6th Sem	DSE B3	**FINAL EXAM**		JULY

GENERAL COURSE

SEM	PAPER	MODULE	TEACHER	MONTH
3rd Sem	CC3/GE3 (**History of India from 1206 to1707)**	I. Foundation, Expansion &consolidation of the Delhi Sultanate; Nobility &Iqta system	SS	AUGUST

3rd Sem	SEC A1 Historical Tourism: Theory &Practice	I. Defining Heritage Art &Architecture in India: An overview: Field Work: Visit to historical sites &Museums	SSG	AUGUST
5th Sem	DSE A2Some Aspects of European History: C.1780-1945	I.The French Revolution: Genesis Nature & Consequences	SS	AUGUST
5th Sem	SEC A2Indian History &Culture	I. Environment; Culture, Tradition &Practices: -Historical overview -Oral &codified information on medicinal Plants -Water & Water Bodies -Fieldwork	SSG	AUGUST
3rd Sem	CC3/GE3 (**History of India from 1206 to1707)**	II.Miltary, administrative &economic reforms under the Khiljis&the Tughlaqs	SS	SEPTEMBER
3rd Sem	SEC A1 Historical Tourism: Theory &Practice	**. Defining Heritage** Art &Architecture in India: An overview: Field Work: Visit to historical sites &Museums	SSG	SEPTEMBER
5th Sem	DSE A2(Some Aspects of European History: C.1780-1945)	II.Napoleonic Era and aftermath. III.Revolutions of 1830 & 1848	SS	SEPTEMBER
5th Sem	SEC A2 Indian History &Culture	II. Urbanization &Urbanism: -Issues of settlements & Landscapes -Social differentiations -Communication networks	SSG	SEPTEMBER
3rd Sem	CC3/GE3 (**History of India from 1206 to1707)**	III. Bhakti &Sufi Movements. IV.Provincialkingdoms: Mewar, Bengal, Vijaynagara&Bahamanis	AM/DB	OCTOBER/NOVEMBER
3rd Sem	SEC A1 Historical Tourism: Theory &Practice	II. Understanding Built Heritage: Stupa Architecture Temple Architecture Indo Persian Architecture,	SSG	OCTOBER/NOVEMBER

		Forts, Palaces, Mosques Colonial Architecture Present day structures		
5th Sem	DSE A2(Some Aspects of European History: C.1780-1945)	IV.Unification of Italy & Germany. V.Social and economic Changes	SS	OCTOBER/NOVEMBER
5th Sem	SEC A2 Indian History &Culture	III. Social inequality &Gender: -Status within Households: An overview -Present context -Issues of Violence -Employment, distribution of resources	SSG	OCTOBER/NOVEMBER
1st Sem	CC1/GE1 (History of India from Earliest Times up to 300 CE)	I. Sources & Interpretation II. A broad survey of Palaeolithic, Mesolithic and Neolithic Cultures. III. Harappan Civilization : Origin, Extent, dominant features &decline, Chalcolithic age	SS/SSG	DECEMBER
3rd Sem	CC3/GE3 (**History of India from 1206 to1707)**	V. Second Afghan State. VI. Emergence and consolidation of Mughal State, C.16th century to mid 17th century.	AM/DB	DECEMBER
3rd Sem	SEC A1 Historical Tourism: Theory &Practice	III. Field Work: Visit to site &Conducting of research	SSG	DECEMBER
5th Sem	DSE A2 (Some Aspects of European History: C.1780-1945)	VI. Imperialist Conflicts: World War I	SS	DECEMBER
5th Sem	SEC A2 Indian History &Culture	IV.Cultural Heritage: -Main components -Built Heritage -Historical Tourism	SSG	DECEMBER
1st Sem	CC1/GE1 (History of India from Earliest Times up to 300 CE)	IV. The Vedic Period: Polity, Society, Economy and Religion, Iron Age with reference to PGW &Megaliths. V. Territorial States and the rise of Magadha,	SS/SSG	JANUARY

		Conditions for the rise of Mahajanpadas and the Causes of Magadha's success		
3rd Sem	CC3/GE3 (History of India from 1206 to1707)	VII. Akbar to Aurangzeb: administrative structure-Mansab&Jagirs, State &Religion, Socio-Religious Movements. VIII. Economy, Society &Culture under the Mughals	AM/DB	JANUARY
3rd Sem	SEC A1 Historical Tourism: Theory &Practice	III. Field Work: Visit to site &Conducting of research	SSG	JANUARY
5th Sem	DSE A2 Some Aspects of European History: C.1780-1945	VII.Rise of Fascism and Nazism. VIII. Origins of World War II	SS	JANUARY
5th Sem	SEC A2 Indian History &Culture	V. Cultural Forms &Cultural Expressions: - Performing Arts -Fairs &Festivals -Fieldwork	SSG	JANUARY
1st Sem	CC1/GE1 (History of India from Earliest Times up to 300 CE)	VI. Iranian and Macedonian Invasions, Alexander's Invasion and impact VII. Jainism and Buddhism: Causes, Doctrines, Spread, Decline and Contributions VIII. The Satavahanas Phase: Aspects of Political History, Material Culture, Administration, Religion VIII. Emergence and Growth of Mauryan Empire; State Administration, Economy, Ashoka's Dhamma, Art &Architecture IX. The Satvahana Phase: Aspects of Political History, Administration, Material Culture, & Religion X. The Sangam Age: Sangam Literature, The	SS/SSG	February

		three Early Kingdoms, Society & the Tamil language XI. The age of the Indo-Greeks, Shakas: Parthians &Kushanas: Aspects of Polity, Society, Religion, Arts &Crafts, Coins, Commerce and Towns		
1st Sem	CC1/GE1	**INTERNAL +TUTORIAL**	SS,SSG	FEBRUARY
3rd Sem	CC3/GE3	**INTERNAL +TUTORIAL**	AM/DB	FEBRUARY
3rd Sem	SEC A1	**INTERNAL**	SSG	FEBRUARY
5th Sem	DSE A2Some Aspects of European History: C.1780-1945	**INTERNAL +TUTORIAL**	SS	FEBRUARY
5th Sem	SEC A2 Indian History &Culture	**INTERNAL**	SSG	FEBRUARY
1st Sem	CC1/GE1	**FINAL EXAMINATION**		MARCH
3rd Sem	CC3/GE3	**FINAL EXAMINATION**		MARCH
3rd Sem	SEC A1	**FINAL EXAMINATION**		MARCH
5th Sem	DSE A2Some Aspects of European History: C.1780-1945	**FINAL EXAMINATION**		MARCH
5th Sem	SEC A2 Indian History &Culture	**FINAL EXAMINATION**		MARCH
2nd Sem	CC2/GE2 History of India from. C.300 to1206	I. The Rise & Growth of the Guptas: Administration, Society, Economy, Religion, Art, Literature, and Science &Technology. II. Harsha& His Times: Harsha's Kingdom, Administration,Buddhism& Nalanda	SS/SSG	APRIL
4th Sem	CC/GE4 History of India; 1707-1950	I. Interpreting the 18th Century. II. Emergence of Independent States &establishment of Colonial power	AM/DB	APRIL
4th Sem	SEC B1 Museums	I. Definitions II. History of setting up of	SSG	APRIL

	&Archives in India	Museums and Archives: Some case Studies		
6th Sem	DSE B2 Some aspects of Society & Economy of Modern Europe: 15Tth – 18 th Century	1: Historiographical Trends II. Feudal Crisis: Main strands	SS	APRIL
6th Sem	SECB2 Orality and Oral Culture in India	I. Defining orality II. History &Historiography of Orality	SSG	APRIL
2nd Sem	CC2/GE2 History of India from. C.300 to1206	III. South India: Polity, Society, Economy & Culture IV. Towards the Early Medieval: Changes in Society, Polity Economy and Culture with reference to the Pallavas, Chalukayas and Vardhanas.	SS/SSG	MAY
4th Sem	CC4/GE4 History of India; 1707-1950	III. Expansion &consolidation of Colonial Power upto 1857. IV.Uprising of 1857: Causes, Nature &Aftermath	AM/DB	MAY
4th Sem	SEC B1 Museums &Archives in India	III. Field Work; Studying of structures & Functions	SSG	MAY
6th Sem	DSE B2 Some aspects of Society & Economy of Modern Europe: 15Tth – 18 th Century	III. Renaissance: Origin, Spread &Dominant Features IV. European Reformation: Genesis, nature & Impact	SS	MAY
6th Sem	SEC B2 Orality and Oral Culture in India	III. Life Histories: Sociological Aspects	SSG	MAY
2nd Sem	GE2/CC2 History of India from. C.300 to1206	V. Evolution of Political structures of Rashtakutas, Pala &Pratiharas. VI. Emergence of Rajput States in Northern India:	SS/SSG	JUNE

		Polity,Economy&Society.		
4th Sem	CC4/GE4 History of India; 1707-1950	V. Colonial economy: Agriculture, Trade & Industry. VI.Socio-Religious Movements in the 19th century	AM/DB	JUNE
4th Sem	SEC B1 Museums &Archives in India	IV. Training & Employment	SSG	JUNE
6th Sem	DSE B2 Some aspects of Society & Economy of Modern Europe: 15Tth – 18 th Century	V. Beginning of the era of colonization: motives; mining and plantation; the African slaves	SS	JUNE
6th Sem	SEC B2 Orality and Oral Culture in India	IV. Research Methodologies	SSG	JUNE
2nd Sem	CC2/GE2 History of India from. C.300 to1206	VII. Arabs in Sindh: Polity, Religion &Society	AM/DB	JUNE
4th Sem	CC4/GE4 History of India; 1707-1950	VII. Emergence &Growth of Nationalism with focus on Gandhian nationalism. VIII. Communalism: Genesis, Growth and partition of India.	SS,SSG	JUNE
4th Sem	SEC B1 Museums &Archives in India	V. Documentation: Written &Visual	SSG	JUNE
6th Sem	DSE B2 Some aspects of Society & Economy of Modern Europe: 15Tth – 18 th Century	VI. Economic developments of the sixteenth century; Shift of economic balance from the Mediterranean to the Atlantic VII. Transition from Feudalism to Capitalism: Industrial Revolution in	SS	JUNE

		England		
6th Sem	SECB2 Orality and Oral Culture in India	V. Documentation: Written &Visual	SSG	JUNE
2nd Sem	GE2/CC2	**INTERNAL+TUTORIAL**	SS,SSG	JUNE
4th Sem	CC4/GE4	**INTERNAL+TUTORIAL**	SS,SSG	JUNE
4th Sem	SEC B1	**INTERNAL**	SSG	JUNE
6th Sem	DSE B2	**INTERNAL+TUTORIAL**	SS	JUNE
6th Sem	SECB2	**INTERNAL**	SSG	JUNE
2nd Sem	GE2/CC2	**FINAL EXAMINATION**		JULY
4th Sem	CC4/GE4	**FINAL EXAMINATION**		JULY
4th Sem	SEC B1	**FINAL EXAMINATION**		JULY
6th Sem	DSE B2	**FINAL EXAMINATION**		JULY
6th Sem	SECB2	**FINAL EXAMINATION**		JULY

K.K.Das College

Department of Mathematics

Academic Plan for Odd Semester 2020

Subject: Mathematics Honours

M	Paper/ Course	Module / Unit	Topic/Unit	Name of the teacher	Month
FIRST SEMESTER	CORE COURSE ONE	UNIT I	**Differential Calculus:** Higher Order Derivatives , Leibnitz Rule	ARC	Dec
			Integral Calculus: Reduction Formula	SD	
		UNIT II	**Analytical Geometry of 2 Dimensions:** General equation of second degree in *x* and *y.*	NM	
		UNIT II	**Analytical Geometry of 3 Dimensions:** Co-ordinate, Plane, Straight Line, Central Conicoids.	NM	
		UNIT III	**Vector Analysis:** Scalar and Vector products of three vectors, Simple applications to problems of Geometry.	NM	
		UNIT I	**Differential Calculus:** Curvature, Concavity, Envelope, Asymptote.	ARC	Jan
			Integral Calculus: Parametric Equations, Arc Length of Parametric Curves	SD	
		UNIT II	**Analytical Geometry of 2 Dimensions:** Tangent & Normal,	NM	
		UNIT II	**Analytical Geometry of 3 Dimensions:** Straight Line, Sphere, Cylinder.	NM	
		UNIT III	**Vector Analysis:**Theory of Couples, System of Parallel Forces.	NM	

		UNIT I	**Differential Calculus:** Curve Tracing, L'Hospitals Rule , Application of Differential Calculus	ARC	Feb
			Integral Calculus: Area and Volume	SD	
		UNIT II	**Analytical Geometry of 2 Dimensions:** Polar Equation	NM	
		UNIT II	**Analytical Geometry of 3 Dimensions:**, Central Conicoids, Generating lines, Classifications of Quadrics, Tangent & Normals of Conicoids	NM	
		UNIT III	**Vector Analysis:** Introduction to Vector Functions, Limits, Continuity, Differentiations & Integrations of Vector Functions	NM	
FIRST SEMESTER	CORE COURSE TWO	Unit I	**Classical Algebra :** Complex Numbers – Polar representation of complex numbers, n-th roots of unity, De-Moiver's Theorem and its application, Exponential, logarithmic.	ARC	Dec
		Unit II	**Abstract Algebra:** Relation and Mapping	MBS	
		Unit III	**Linear Algebra :** Rank of a matrix , Characterizations of Invertible matrix	MBS	
		Unit I	**Classical Algebra :** Complex Number - Trigonometric and hyperbolic functions of complex variable.	ARC	Jan
			Classical Algebra : Theory of Equation – Descarte's Rule , Sturm's Theorem,Relation between roots and coefficients.	SS	
		Unit II	**Integer :** Well Ordering Property and Principle of Mathematical Induction, Division Algorithm, Divisibility and Euclidean Algorithm, prime numbers, Euclid's Theorem, Congruence.	MBS	
		Unit III	**Linear Algebra :** System of linear equations, Row reduction and Echelon forms, Vector Equations , The matrix equation AX = B. Solution sets of linear systems and application of linear systems.	MBS	

		Unit I	**Classical Algebra :** Theory of Equation - transformation of equation, Solution of cubic equation by Cardan's Method, Solution of biquadratic equation by Ferrari's Method.	SS	Feb
			Classical Algebra : Inequality – AM ≥ GM ≥ HM , Cauchy – Schwartz Inequality.	ARC	
			Classical Algebra : Linear Difference Equations with constant coefficients (up to 2nd order)	MBS	
		Unit II	**Integer -** Chinese Remainder Theorem, Fundamental Theorem of Arithmetic , Arithmetic Functions, φ, τ, σ functions and their properties.	MBS	
Tutorial Examination In February					
Internal Assessment In March					
Semester End Examination In March					
THIRD SEMESTER	CORE COURSE FIVE	Unit - I	**Limit of Functions :** Definition, Sequential criterion for limits, Algebra of limits, concept of one sided limits, infinite limits and limits at infinity, examples of important limits like $\frac{\sin x}{x}, \frac{\log(1+x)}{x}, \frac{a^x-1}{x}(a>0)$ as $x \to 0$. Properties and examples of continuous functions.	SS	Aug - Sept
		Unit - I	**Continuity of Functions :** Definition, Sequential criterion for continuity, concept of oscillation of a function at a point. Familiarity with the figures $y = x^a \left(a = 2,3,-1,\frac{1}{2}\right)$, $\lvert x \rvert$, $\sin x$, $\cos x$, $\tan x$, $\log x$, e^x . Concept of Bounded Functions, Intermediate Value Theorem.	SS	Oct - Nov

			Discontinuity of Functions, Type of Discontinuity, Step Functions, Piecewise Continuity, Monotone Functions, Jump Discontinuity, Related Theorems. Uniform Continuity, Examples and non-examples of uniform continuity, Lipschitz Condition.		
		Unit – II	**Differentiability of Functions :**Definition, properties and meaning of sign of derivative, Chain Rule. Darboux Theorem, Rolle's Theorem, Mean Value Theorems of Lagrange and Cauchy.	SS	Dec - Jan
			Differentiability of Functions : Taylor's Theorem on closed and bounded interval with Lagrange's and Cauchy's form of remainder deduced from Lagrange's and Cauchy's mean value theorem. Expansion of $e^x, \log(1+x), (1+x)^m, \sin x, \cos x$ with their range of validity (assuming relevant theorem). Application of Taylor's Theorem. Statement of L' Hospitals rule and its consequences, Concept of extremum of a function of one variable, solve problems regarding maximum / minimum.	SS	
THIRD SEMESTER	CORE COURSE SIX	Unit I	**Ring Theory :** Definition and examples of Ring, properties of Rings, Subrings, necessary and sufficient condition for a non empty subset of a field to be a subfield, characteristic of Ring. Concept of Ideal, Prime and Maximal Ideals.	SD	Aug - Sept
		Unit II	**Linear Algebra :** Definition and examples of Vector Space, Concept of Subspace, Algebra of Subspaces , related examples.	ARC	

		Unit I	**Ring Theory :** Ring homomorphism and its properties, First, Second & Third Isomorphism Theorem, Correspondence Theorem, congruence on rings, one-one correspondence between the set of ideals and the set of all congruences on a ring.	SD	Oct - Nov
		Unit II	**Linear Algebra :** Linear combination of vectors, linear span, linear dependence and linear independence, basis and dimension. Dimension of subspaces, Geometric significance of subspaces, Quotient Spaces.	ARC	
		Unit II	**Linear Algebra :** Eigen values, Eigen vectors and Characteristic equation of a matrix, Cayley Hamilton Theorem and its application. Linear Transformations, idea of Null Spaces, Range, Rank and Nullity of Linear Transformations, Matrix representation of a Linear Transformation, Isomorphism, Invertibility.	ARC	Dec – Jan
THIRD SEMESTER	CORE COURSE SEVEN	Unit I	**ODE :** **First Order and First Degree Differential Equation :** Exact Differential Equations, Integrating Factor, Linear equations, Bernoulli's Equations, statement of Picard's theorem (Existence and uniqueness theorem) .	RH	Sept
		Unit I	**Ordinary Differential Equation:** **Linear systems**: Normal form, homogeneous linear systems with constant coefficients : Two Equations in two unknown functions.	NM	
		Unit II	**Multivariate Calculus - I** Concept of neighborhood of a point in R^n ($n > 1$), interior point, limit point, open set and closed set in R^n ($n > 1$).	MBS	

		Unit I	**First Order and Higher Degree Differential Equation :** Differential Equations solvable for x, solvable for y, Solvable for p, Clairaut's Equations and singular solution.	RH	Oct – Nov
		Unit I	**Linear Differential equation of 2nd order**: Wronskian : its properties and applications, Euler equation, Method of undetermined coefficients, Method of variation of parameters.	NM	
		Unit II	**Multivariate Calculus - I** Functions from R^n ($n > 1$) to R^m ($m \geq 1$), limit and continuity of functions of two or more variables .	MBS	
		Unit I	**Ordinary Differential Equation :**	NM	Dec
		Unit I	**System of linear differential Equation**: Types of linear systems, differential operator, an operator method for linear systems with constant coefficients. **Planar linear autonomus system :** critical points, Interpretation of the phase plane and phase portraits. **Power series solution of a differential equation** : Solution about an ordinary point , Solution about a regular singular point (upto 2nd order).	NM	
		Unit II	**Multivariate Calculus – I :** Partial derivatives, total derivatives and differentiability. Chain rule for one and two independent parameters, directional derivatives, the gradient, maximal and normal property of the gradient, tangent planes, extrema of functions of two variables , method of lagrange multipliers, constrained optimization problems.	MBS	

THIRD SEMESTER	SKILL ENHANCEMENT COURSE A	C PROGRAMMING LANGUAGE	Unit I	**Fundamentals of Computer :** An overview of theoretical computers, history of computers, overview of architecture of computer, compiler, assembler, machine language, high level language, object oriented language, programming language and importance of C programming. **Introduction to C Programming :** Character Set, Constants & Variables data type, Expressions, Assignment Statements, Declaration.	ARC	Aug - Sept
			Unit I	**Introduction to C Programming :** Arithmetic Operators, Relational Operators, Logical Operators. Decision making with if statement, if-else statement, Nesting if else statement, switch statement, break and continue statement. **Control Statement:** while statement, do while statement, for statement.	ARC	Oct - Nov
			Unit II	**Introduction to C Programming :** **Arrays :** one dimension, two dimension and multidimensional arrays, declaration of arrays, initialization of one and multidimensional arrays. **User defined Functions :** Definition of functions, Scope of variables, return values and their type, function declaration, function call by value, nesting of functions, passing of arrays to functions, Recurrence of Function. **Introduction to Library Functions :** stdio.h, math.h, string.h, stdlib.h, time.h etc.	ARC	Dec - Jan
Tutorial Examination In February						
Internal Assessment In March						
Semester End Examination						

In March					
FIFTH SEMESTER	CORE COURSE ELEVEN	Unit I	**Probability :** Random Experiment, Sample Space, Probability Axioms, Conditional Probability, Bayes Theorem. Random Variable, Probability Distribution, Expectation.	SS	Aug - Sept
		Unit II	**Probability :** Joint Probability Distribution, Marginal & Conditional Distributions, Expectation of two random variables, Conditional expectations , Linear regression for two variables, Regrassion Curves, Bivariate normal distribution.	SS	Oct - Nov
		Unit III	**Probability :** Markov & Chebyshev's inequality, Central Limit Theorem	SS	
		Unit IV	**Statistics :** Sampling and Sampling Distributions, Estimation of Parameters, Method of Maximum Likelihood	SS	Dec - Jan
		Unit V	**Statistics :** Hypothesis Bivariate Frequency Distribution	SS	
FIFTH SEMESTER	CORE COURSE TWELVE	Unit I	**Group Theory :** Automorphism	SD	Aug - Sept
		Unit II	**Linear Algebra :** Inner Product Space and Norms, Gram-Schmidt Orthonormalization Process, Orthogonal Complements, Bessel's Inequality, Adjoint of Linear Operator.	ARC	
		Unit I	**Group Theory :** External Direct Product and its Properties , Internal Direct Product.	SD	Oct - Nov
		Unit II	**Linear Algebra :** Bilinear & Quadratic Forms, Diagonalisation of Symmetric Matrices, Second Derivative Test, Hessian Matrix, Index and Signature.	ARC	
		Unit I	**Group Theory :** Converse of Lagrange's Theorem for Finite Abelian Group,	SD	Dec - Jan

				Cauchy's Theorem for Finite Abelian Group , Fundamental Theorem of Finite abelian groups		
			Unit II	**Linear Algebra :** Dual Space and Dual Basis, Double Dual, Transpose of a Linear transformation and its matrices in the dual basis, annihilators, Eigen Spaces of a Linear Operator, Diagonalizability, Cayley Hamilton Theorem, Minimal Polynomial, Canonical Forms.	ARC	
FIFTH SEMESTER	DISCIPLINE SPECIFIC ELECTIVE A	ADVANCED ALGEBRA	Unit I	**Group Theory :** Group Actions , Cayley's Theorem, Index Theorem	SD	Aug - Sept
			Unit I	**Group Theory :** Group acting on themselves by Conjugation, Class Equation and consequences, Cauchy's Theorem, Simplicity of A_n for $n >= 5$, non simplicity test.	SD	Oct - Nov
			Unit II	**Ring Theory :** Principle Ideal Domain, Principle Ideal Ring, Prime Element, irreducible element, Euclidean Domain.	SD	
			Unit II	**Ring Theory :** Polynomial Rings , Division Algorithm, Factorization Domain, Irreducible and prime elements in a UFD. Eisenstein Criterion and Unique Factorization in Z[x]. Ring embedding and quotient field, regular ring, ideals in regular ring.	SD	Dec - Jan
FIFT	DISC	L.P.P.	Unit I	**L.P.P. :** Definition & Formation of L.P.P	MBS	Aug - Sept
			Unit II	**L.P.P. :**	MBS	

H S E M E S T E R	I P L I N E S P E C I F I C E L E C T I V E B	& G A M E T H E O R Y		Simplex Method		
			Unit IV	**L.P.P :** Transportation	NM	
			Unit I	**L.P.P. :** Basic Feasible Solution of an L.P.P. and Degenarate , Non degenerate B.F.S.	MBS	Oct - Nov
			Unit II	**L.P.P :** Two Phase Method	MBS	
			Unit IV	**L.P.P :** Assignment Problem	NM	
			Unit I	**L.P.P. :** Hyperplane and Convex Set	MBS	Dec - Jan
			Unit III	**L.P.P :** Duality	MBS	
			Unit IV	**Game Theory**	NM	
Tutorial Examination In February						
Internal Assessment In March						
Semester End Examination In March						

K.K.Das College

Department of Mathematics

Academic Plan For Odd Semester 2020

Subject: Mathematics General

Year/ Sem	Paper/ Course	Module / Unit	Topic	Name of the teacher	Month
FIRST SEMESTER	CORE COURSE ONE	UNIT I	**Algebra – I :** Complex Numbers – De Moivres' Theorem and its application, Exponential, Sine, Cosine & logarithm of Complex Number	ARC	Dec
		UNIT II	**Differential Calculus – I :** Rational number and its geometrical representation , Irrational Number, Concept of Real line & basic properties of Real Number.	MBS	
		UNIT III	**Differential Equation - I:** Order , Degree and Formation of ODE.	ARC	
		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	Jan

		UNIT II	**Differential Calculus - I:**Real – Valued Functions defined on an 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	MBS	
		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.	ARC	
		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	Feb
		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.	MBS	
		UNIT III	**Differential Equation - I:** Second Order Differential Equation – Method of variation of parameters, Method of undetermined coefficients.	ARC	
		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	
Tutorial Examination In February					

Internal Assessment In March					
Semester End Examination In March					
THIRD SEMESTER	CORE COURSE THREE	UNIT I	**Integral Calculus :** Evaluation of Definite Integrals . Integration as the limit of a sum.	ARC	Aug - Sept
		UNIT II	**Numerical Methods :** Approximate Numbers , Significant Figures , Rounding of Numbers. Error : Absolute , Relative and Percentage. Operators : Δ , ∇& E.	NM	
		UNIT III	**Linear Programming :** Formulation of L.P.P. , Convex Set , Hyperplane, Extreme Points, Convex Polyhedron, Basic Solutions & B.F.S. , Degenerate and Non-degenerate B.F.S. . Theorems on L.P.P.	MBS	
		UNIT I	**Integral Calculus :** Reduction Formula , Improper Integrals and Beta & Gamma Functions.	ARC	Oct - Nov
		UNIT II	**Numerical Methods :** Interpolation	NM	
		UNIT III	**Linear Programming :** Solution by Graphical Method , Simplex Method & Simplex Algorithm , Duality.	MBS	
		UNIT I	**Integral Calculus :** Double Integral , Rectification , Quadrature, Volume and Surface Areas.	ARC	Dec - Jan
		UNIT II	**Numerical Methods :** Numerical Integration &Solution of Numerical Equation.	NM	
		UNIT III	**Linear Programming :** Transportation & Assignment Problem.	MBS	
Tutorial Examination In February					
Internal Assessment In March					
Semester End Examination In March					
FIF	DSE		**Particle Dynamics :** Velocity & Acceleration of a Particle.	NM	Aug - Sept

T H S E M E S T E R	A		**Particle Dynamics :** Concept of Force. Motion of a particle in a straight line under Constant forces, variable forces. Equation of Energy, Conservative Forces.	NM	Oct - Nov
			Particle Dynamics : Motion in two dimensions. Central Orbit. Kepler's Laws of Motion. Motion Under Inverse Square Law.	NM	Dec - Jan
	OR				
	D S E A		**Graph Theory :** Definitions and examples of Graph. Pseudographs, Complete Graph, Bipartite Graph and Isomorphism of Graphs.	ARC	Aug - Sept
			Graph Theory : Paths and Circuits, Euler Circuits, Hamiltonian cycles, Adjacent Matrix, Weighted Graph, Travelling Salesman Problem, Shortest Path.	ARC	Oct - Nov
			Graph Theory : Dijkstra's Algorithm, Floyd – Warshall Algorithm. Trees. Planar Graph. Kuratowski's Graph.	ARC	Dec - Jan
Tutorial Examination In February					
Internal Assessment In March					
Semester End Examination In March					

K.K.Das College

Department of Mathematics

Academic Plan for Odd Sem 2020

Subject: Business Mathematics & Advanced Business Mathematics

Year / Sem	Paper/ Course	Chapter	Topic/Unit	Name of the teacher	Month
THIRD SEMESTER	BUSINESS MATHEMATICS	II	**Set Theory :** Definition, Presentation of Sets, different types of sets, set operation, Law of algebraic sets.	NM/ MBS	Sept
		III	**Binomial Theorem :** Statement of the theorem, General term, Middle term, Simple Properties of binomial coefficients.	ARC	
		V	**Compound Interest and Annuities :** Simple AP and GP Series, Different types of interest rates.	MBS	
		II	**Set Theory :** Different problems on set theory	NM/ MBS	Oct - Nov
		I	**Permutation :** Definition, Factorial Notation, Theorem on permutation, Permutations with repetitions, Restricted Permutation.	NM/ MBS	
		III	**Binomial Theorem :** Problems on Binomial Theorem	ARC	
		IV	**Logarithm :** Definition, Base and index of logarithm, General Properties of Logarithm.	ARC	

		V	**Compound Interest and Annuities :** Net Present Value, Types of Annuities, Continuous compounding.	MBS	
		I	**Combination :** Definition, Theorems on Combination, Basic Identities, Restricted Combination.	NM/ MBS	Dec
		IV	**Logarithm :** Problems on Logarithm	ARC	
		V	**Compound Interest and Annuities :** Valuation of simple loans and debentures, problems relating to Sinking Funds.	MBS	
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					
F I F T H S E M E S T E R	A D V A N C E D B U S I N E S S M A T H E M A T I C S	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	Sept
		I	**Limit and Continuity :** Elementary ideas of limit and continuity through the use of simple algebraic functions.	NM	
		V	**Matrix :** Definition of matrix ; types of matrices; operations on matrices.	MBS	
		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. 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.	NM	Oct - Nov
		II	**Integration :** Integration as anti-derivative process, standard forms, integration by substitution, by	MBS	

			parts and by use of partial functions; definite integral; finding areas in simple cases; consumers producers surplus; nature of commodities learning curve.		
		V	**Matrix :** Adjoint of a matrix; inverse of a matrix; solutions of a system of linear equations by matrix inversion method.	MBS	
		IV	**Determinants :** Determinants of a square matrix upto 3rd order.	MBS	
		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	Dec
		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.	MBS	
		IV	**Determinants :** Elementary properties of determinants; minors and co-factors; adjoint of a determinants; Cramer's rule.	MBS	
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**					

K.K.Das College

Department of Mathematics

Academic Plan Even Sem 2021

Mathematics General

Year/ Sem	Paper/ Course	Module / Unit	Topic	Name of the teacher	Month
SECOND SEMESTER	CORE COURSE TWO	UNIT I	**Differential Calculus II :**Sequence of real numbers	MBS	APRIL
		UNIT II	**Differential Equation –II :** Linear Homogeneous Equation with Constant Coefficients, Linear non-homogeneous equations, The method of variation of parameter.	RH	
		UNIT III	**Vector Algebra :** Addition of Vectors , Multiplication of a vector by a scalar.	NM	
		UNIT IV	**Discrete Mathematics :** Integers	MBS	
		UNIT I	**Differential Calculus II :** Infinite Series of Constant Terms	NM	MAY
		UNIT II	**Differential Equation –II :** The Cauchy Euler equation,Simultaneous Differential Equations, Simple eigen value problem.	RH	
		UNIT III	**Vector Algebra :** Collinear and Coplanar Vectors, Scalar and Vector Products	NM	
		UNIT IV	**Discrete Mathematics :** Congruences	MBS	
		UNIT I	**Differential Calculus II :** Real Valued Functions defined on an interval (Rolle's Theorem, Mean Value Theorem, Taylor's and Maclaurins Theorem)	NM	JUNE

			,Indeterminate Forms, Problems on Maxima and Minima of functions.		
		UNIT II	**Differential Equation –II :** Partial Differential Equation	RH	
		UNIT III	**Vector Algebra :** Vector Equation of Plane and Straight line, Volume of Tetrahedron, Applications to problems of Mechanics (Work Done and Mechanics)	NM	
		UNIT IV	**Discrete Mathematics :** Application of Congruences , Congruence Class, Boolean Algebra	MBS	
Internal Assessment In June					
Tutorial Examination In July					
Semester End Examination In July					
FORTH SEMESTER	CORE COURSE FOUR	UNIT I	**Algebra - II :** Group Theory , Ring , Field .	MBS	April
		UNIT II	**Computer Science &Programming :** Fundamentals of Computer Science	MR	
		UNIT III	**Probability &Statistics :** Random experiment, Outcome, Event, Mutually Exclusive Events, Equally likely and Exhaustive Events. Classical definition of probability, Theorems of Total Probability, Conditional probability and Statistical Independence. Baye's Theorem and its application, Shortcoming of the classicaldefinition. Axiomatic approach problems.	SS	
		UNIT I	**Algebra - II :** Vector Space.	ARC	May
		UNIT II	**Computer Science &Programming :** Number System , Algorithm & Flow Chart.	MR	
		UNIT III	**Probability &Statistics :** Random Variable and its Expectation, Theorems on mathematical expectation. Joint distribution of two random variables. Theoretical Probability Distribution Discrete and Continuous (p.m.f., p.d.f.) Binomial, Poisson and Normal distributions and their properties.	SS	

		UNIT I	**Algebra - II :** Real Quadratic Form. Eigen Value , Eigen Vectors and Cayley Hamilton Theorem.	ARC	June
		UNIT II	**Computer Science &Programming :** Simple Programs in Fortran 77/90	MR	
		UNIT III	**Probability &Statistics :** Statistical Method , Sampling Theory , Bivariate Frequency Distribution, Scatter Diagram, Co-relation Coefficient, Regression Lines.	SS	
Internal Assessment In June					
Tutorial Examination In July					
Semester End Examination In July					
SEMESTER SIX	DSE B	ADVANCED CALCULUS	Unit I	Uniform Convergence of Sequence of Functions and Series of Functions	ARC	April
			Unit II	Power Series , Fourier Series	ARC	May
			Unit III	Laplace Transform	ARC	JUNE
Internal Assessment In June					
Tutorial Examination In July					
Semester End Examination In July					

K.K.Das College

Department of Mathematics

Academic Plan Even Sem 2021

Mathematics Honours

Year / SEM	Paper/ Course	Module / Unit	Topic/Unit	Name of the teacher	Month
SECOND SEMESTER	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. Order completeness axiom, Archimedean Property of R. Density of rational and irrational numbers in R.	SS	April
		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.	MBS	
		Unit III	**Real Analysis – III** **Infinite Series :** Definition, Convergence and Non-convergence of Infinite series, Cauchy Criterion.	ARC	

		Unit I	**Real Analysis – I** **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.	SS	May
		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 $\mid l \mid < 1$, $\left\{\left(1+\frac{1}{n}\right)^n\right\}_n$, $\left\{1+\frac{1}{1!}+\frac{1}{2!}+.....+\frac{1}{n!}\right\}_n$, $\{a^{x_n}\}_n (a>0)$. Cauchy's first and second limit theorems.	MBS	
		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	

		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.	SS	June
		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.	MBS	
		Unit III	**Real Analysis – III** **Infinite Series :** Alternating series . Tests for Convergence of alternating series : Leibnitz Test. Absolute and Conditional Convergence.	ARC	
SECOND SEMEST	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, Symmetries of a Square,Dihedral Group, Quarternion Groups(through matrices), Order of an element, Order of a Group.	SD	April

E	U R	Unit I	**Abstract Algebra – I** **Subgroups :**Definition of Subgroups, Examples of 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.	SD	May
		Unit II	**Abstract Algebra – II** **Cyclic Groups :** Definition & Properties of Cyclic Groups, Classification of Subgroups of Cyclic Groups. **Symmetric & Alternating Group :**Cycle Notation for Permutations, even and odd Permutation, Idea of Symmetric Group and Alternating Group. **Coset :** Definition and Properties of Cosets, Lagrange's Theorem, Fermat's Little Theorem.	SD	
		Unit III	**Abstract Algebra – III** **Normal Subgroup & Quotient Group:**Definition of Normal Subgroup & its Properties. Examples of Normal Subgroup, 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, Cayley's Theorem, Properties of isomorphisms, First, Second & Third Isomorphism Theorems.	SD	June
		Unit II	**Linear Algebra :** Definition and examples of Vector Space, Concept of Subspace, Algebra of Subspaces , related examples.	ARC	
Internal Assessment End of June					
Tutorial Examination 1st week of July					
Semester End Examination					

End of July					
FORTH SEMESTER	CORE COURSE EIGHT	Unit I	**Riemann Integration :** Partition and Refinement of a closed and bounded interval, Concept of U(P,f) and L(P,f) and its associated results, upper integral and lower integral, Darboux's theorem, Riemann's definition for integrability, Necessary and Sufficient condition for Riemann integrability.	SS	April
		Unit II	**Improper Integral :** Range of Integration ,finite or infinite , Necessary and Sufficient condition for convergence of improper integral in both cases.	MBS	
		Unit III	**Sequence of Function :** Sequence of functions defined on a set, Pointwise and uniform convergence, Cauchy criterion of uniform convergence, Weierstrass' M test, Boundedness, continuity, integrability and differentiability of the limit function of a sequence of functions in case of uniform convergence.	APC	

		Unit I	**Riemann Integration :** Concept of Negligible Set , Suitable examples and its related theorems. A bounded function on closed and bounded interval is Riemann Integrable iff the set of point of discontinuity is negligible. Examples of Riemann integrable functions. Integrability of sum , scalar multiple, product, quotient, modulus of Riemann integrable function. Properties of Riemann integrable functions. Function defined by definite integral $\int_a^x f(t)dt$ and its properties, Antiderivative (Primitive or indefinite integral), Properties of logarithmic functions defined as the definite integral $\int_1^x \frac{dt}{t}, x > 0$.	SS	May
		Unit II	**Improper Integral :** Test of Convergence : Comparison and M-test. Absolute and non-absolute convergence and inter-relations. Statement of Abel's and Dirichlet's test for convergence on the integral of a product.	MBS	
		Unit III	**Series of Functions :** Series of functions defined on a set, Pointwise and uniform convergence, Cauchy criterion of uniform convergence, Weierstrass' M test, Passage to the limit term by term, Boundedness, continuity, integrability and differentiability of a sequence of functions in case of uniform convergence. **Power Series :** Fundamental theorem of Power Series, Cauchy-Hadamard theorem, Determination of radius of convergence, uniform and absolute convergence of Power Series, Properties of sum function, Differentiation and integration of Power	ARC	

			Series, Abel's limit theorem, Uniqueness of power series having sum function.		
		Unit I	**Riemann Integration :** Fundamental theorem of Integral Calculus. First Mean Value Theorem of Integral Calculus.	SS	June
		Unit II	**Improper Integral :** Concept of Beta and Gamma functions and their interrelation. Computation of integrals $\int_0^{\pi/2} \sin^n x\,dx$, $\int_0^{\pi/2} \cos^n x\,dx$ and $\int_0^{\pi/2} \tan^n x\,dx$ (using Beta and Gamma function) .	MBS	
		Unit III	**Fourier Series :** Trigonometric series, Statement of sufficient condition for a trigonometric series to be a Fourier Series. Fourier Coefficients for periodic functions defined on [-π,π]. Statement of Dirichlet's condition of convergence. Statement of theorem of sum of Fourier Series.	ARC	
FORTH SEMESTER	CORE COURSE NINE	Unit I	**Partial Differential Equation :** Partial Differential Equation of the first order, Lagrange's Solution, non-linear first order partial differential equation, Charpit's general method of solution, some special type of Equation which can be solved easily by methods other than the general method.	RH	April
		Unit II	**Multivariate Calculus - II:** **Multiple Integral :** Concept of upper sum, lower sum, upper integral, lowers integral and double integral. Statement of existence theorem for continuous functions. Iterated or repeated integral, change of order of integration, triple integral.	MBS	
		Unit I	**Partial Differential Equation :**	RH	May

			Derivation of Heat equation, Wave Equation and Laplace Equation. Classification of second order linear equations as hyperbolic, parabolic or elliptic. Reduction of second order linear equations to canonical forms. The Cauchy problem, Cauchy - Kowalewskaya theorem, Cauchy problem of finite and infinite string.		
		Unit II	**Multivariate Calculus - II:** **Multiple Integral :** Cylindrical and spherical coordinates, Change of variables in double integral and triple integrals. Problems on transformation of double and triple integrals. Determination of volume and surface area by multiple integrals. Differentiation under the integral sign. Problems on Leibniz's rule. **Vector Calculus:** Definition of vector field, divergence and curl, Line integrals, application of line integrals : mass and work. Fundamental theorem for line integrals, conservative vector fields, independence of path.	MBS	
		Unit I	**Partial Differential Equation :** Initial Boundary value problem, semi infinite string with a fixed end, semi – infinite string with a free end, equations with non-homogeneous boundary conditions, non-homogeneous wave equation, method of separation of variables, solving the vibrating string problem, solving the heat conduction problem.	RH	June
		Unit II	**Multivariate Calculus - II:** **Vector Calculus:** Green's theorem, Surface integral, integrals over parametrical defined surfaces. Stoke's theorem, the Divergence theorem.	MBS	
F	C	Unit I	**Statics :**	NM	April

FOURTH SEMESTER	CORE COURSE TEN		**Coplanar forces in general**		
		Unit III	**Mechanics :** **Kinematics of a particle :** Velocity, Acceleration, Angular Velocity, Linear and Angular Momentum, Relative Velocity and Acceleration. Expression of Velocity and Acceleration in case of Rectilinear Motion and Planar Motion – in Cartesian and Polar Coordinates, Tangential and Normal Components, Uniform Circular Motion.	NM	
		Unit V	**Rigid Dynamics :** **The linear momentum Principle :** Linear Momentum, Linear Momentum Principle.	RH	
		Unit I	**Statics :** **An arbitrary force System in space.** **Equilibrium in the presence of sliding Friction force.** **Virtual work.**	MR	May
		Unit III	**Mechanics :** **Newton's Laws of Motion and Law of Gravitation :** Space, Time, Mass, Force, Inertial Reference Frame, Principle of Equivalence. Vector equation of motion. Work, Power, Kinetic Energy, Conservative Forces – Potential energy. Existence of potential energy function **Problems in particle dynamics.** **Planar motion of a particle.**	NM	
		Unit V	**Rigid Dynamics :** **The linear momentum Principle :** Motion of the Centre of Mass, Conservation of Linear Momentum. **The angular momentum principle :** Moment of a force about a point, about an axis. Angular momentum about a point, about an axis. Angular momentum Principle about Centre of Mass,	RH	

			Conservation of Angular Momentum (about a point and an axis). Impulsive forces. **The Energy Principle :** Configuration and degree of freedom of a multi-particle system, energy principle, energy conservation.		
		Unit I	**Statics :** **Stability of Equilibrium.**	MR	June
		Unit III	**Mechanics :** **Planar motion of a particle.**	NM	
		Unit V	**Rigid Dynamics :** **The Energy Principle :** Rocket motion in free space and under gravity, Collision of elastic bodies. The two-body problem.	RH	
Internal Assessment **End of June**					
Tutorial Examination **1st week of July**					
Semester End Examination **End of July**					
SIXTH SEMESTER	CORE COURSE THIRTEEN	Unit I	**Metric Space :** Definition and examples of metric spaces , Open ball, Open set, Closed set, Interior point, Limit point, Closure of set, Boundary point & boundary of a set, Bounded set, Diameter of a set & Distance between two sets, Subspace of a metric space.	SS	April
		Unit II	**Complex Analysis :** Stereographic projection, Regions in the complex plane, Limits, limits involving the points at infinity, continuity.	ARC	
		Unit I	**Metric Space :** Convergence sequence, Cauchy sequence, Completeness, Cantor's Intersection Theorem. Continuous mapping, uniform continuity, compactness, Heine-Borel Theorem in R, Finite Intersection Property, continuous functions on compact sets.	SS	May

		Unit II	**Complex Analysis :** Derivatives, differentiation formula, Cauchy-Riemann Equations, sufficient conditions for differentiability, Analytic Functions, Exponential Functions, Logarithmic Functions, Trigonometric and Hyperbolic Functions, Mobius Transformation. Power Series.	ARC	
		Unit I	**Metric Space :** Concept of connectedness and some examples of connected metric space, Contraction mapping, Banach fixed point Theorem.	SS	June
		Unit II	**Complex Analysis :** Contours, complex integration along a contour & its examples, upper bounds for moduli of contour integrals, Cauchy – Goursat Theorem, Cauchy Integral Formula.	ARC	
	C O R E C O U R S E F O R T I N	Unit I	Real Numbers, Machine numbers – floating point and fixed point. Sources of Errors , Rounding of Numbers, Significant digits and error propagation in machine arithmetic operations. Numerical Algorithms – stability & convergence.	NM	April
		Unit II	Approximation		
		Unit IV	Transcendental and polynomial equation	MR	
		Unit II	Interpolation.	NM	May
		Unit V	System of linear algebraic equation , Iterative Methods, Matrix Inversion , The algebraic eigen value problem.	MR	
		Unit III	Numerical Differentiation , Numerical Integration .	NM	June
		Unit VI	Ordinary Differential Equation	MR	

	DISCIPLINE SPECIFIC ELECTIVES A(2)	FLUID STATICS & DYNAMICS	Unit I	Introduction and Fundamental Concept	MBS	April
			Unit III	Kinematics of Fluid	RH	
			Unit II	Hydrostatics	MBS	May
			Unit IV	Conservation Equations : Control Mass System, Control Volume System, Isolated System.	NM	
			Unit II	Gas	MBS	June
			Unit IV	Conservation of Mass. Conservation of Momentum.	NM	
	DSE B (2)	POINT SET TOPOL	Unit 1	Topological Spaces, Basis, Neighbourhood, Interior Point, Limit Point, Derived Set, Boundary of a Set , Closed Set, Closure & Interior of a Set, Dense Subset, Subspace Topology, Finite Product Topology, Continuous Functions, Open Maps, Closed Maps , Homeomorphisms, Topological Invariants, metric topology, isometry and metric invariants.	SD / RPC	April
			Unit 2	First Countability, T_1 and T_2 separation axioms of topological spaces, convergence and cluster point of a sequence in topological spaces and some related concepts on first countable as	SD/RPC	May

		O G Y		well as on T_2 spaces. Heine's continuity criterion.		
			Unit 3	Connectedness and compactness.	SD / RPC	June
Internal Assessment End of June						
Tutorial Examination 1st week of July						
Semester End Examination End of July						

Academic Plan
Department of Sociology
K. K. Das College
Session: 2020-21

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.	Dec to Jan
	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	Jan to Feb
	2.2	Sociology & Psychology	
	2.3	Sociology & History	
Group-C	**3.Basic Concepts**		**Time**
	3.1	Individual and Group	Feb to Mar
	3.2	Association and Institutions	
	3.3	Culture and Society	
	3.4	Social Change	

B.A. 2nd Year General Course
Semester-3, Paper: CC/GE-3
(Sociological Theories)

Group-A	**1.Emergence of Sociology as a new discipline: A brief account**		**Time** Aug to Sept
Group-B	**2.Karl Marx**		**Time**
	2.1	Materialist Conception of History	Oct to Dec
	2.2	Class and Class Struggle	
Group-C	**3.Emile Durkheim**		**Time**

	3.1	Social Fact	Jan to Feb
	3.2	Forms of Solidarity	
Group-D	**4.Max Weber**		**Time**
	4.1	Ideal Types and Social Action	Feb to Mar
	4.2	Types of Authority	

B.A. 2nd Year General Course
Semester-3, Paper: SEC-A-(1)
(Techniques of Social Research)

Group-A	**1.Research Design**		**Time**
	1.1	Formulation of research problem	Aug to Sept
	1.2	Framing research questions	
Group-B	**2.Data Collection**		**Time**
	2.1	Secondary sources: Reading & Reviewing appropriate literature	Sept to Nov
	2.2	Sampling frameworks; Probability & Non-Probability	
	2.3	Primary sources: Methods of data collection; Questionnaire; Interview; preparation & framing; limitations	
Group-C	**3.Data Analysis**		**Time**
	3.1	Data Recording, Coding, Processing and interpretation	Dec to Jan
	3.2	Content analysis	
	3.3	Case Study Method	
Group-D	**4.Project Report Writing**		**Time**
	4.1	Writing social research report; some basic considerations	Feb to Mar
	4.2	Organization of the report	
	4.3	Reference & Bibliography	

B.A. 3rd Year General Course
Semester-5, Paper: DSE-A (2)
(Family, Marriage & Kinship)

Group-A	**1. Introduction to Family, Marriage and Kinship**		**Time**
	1.1	Different forms of family and Marriage	

	1.2	Biological, Social & cultural Kinship	Aug to Sept
Group-B	**2. Family & Household**		**Time**
	2.1	Structure & Change; Alternatives & Emergent forms of family; Divorce and Separation	Oct to Nov
	2.2	Reimagining families: Unconventional family relationships; families of choice	
Group-C	**3. Marriage & Kinship**		**Time**
	3.1	Marriage, Alliance, Descent & Prestations	Dec to Jan
Group-D	**4. Contemporary Issues in Family, Marriage & Kinship**		**Time**
	4.1	Cultural codes in choice & regulation of marriage	Feb to Mar
	4.2	Power & discrimination in the family; Gender gap	
	4.3	New Reproductive Techniques: Assisted Reproductive Technology, Donor insemination, Surrogacy	

B.A. 3rd Year General Course
Semester-5, Paper: SEC-A-(1)
(Techniques of Social Research)

Group-A	**1.Research Design**		**Time**
	1.1	Formulation of research problem	Aug
	1.2	Framing research questions	
Group-B	**2.Data Collection**		**Time**
	2.1	Secondary sources: Reading & Reviewing appropriate literature	Sept to Nov
	2.2	Sampling frameworks; Probability & Non-Probability	
	2.3	Primary sources: Methods of data collection; Questionnaire; Interview; preparation & framing; limitations	
Group-C	**3.Data Analysis**		**Time**
	3.1	Data Recording, Coding, Processing and interpretation	Dec to Jan
	3.2	Content analysis	
	3.3	Case Study Method	
Group-D	**4.Project Report Writing**		**Time**
	4.1	Writing social research report; some basic considerations	Feb to Mar
	4.2	Organization of the report	
	4.3	Reference & Bibliography	

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		April to May
	1.2	Problems of National Unity		
Group-B	**2.Social Institutions and Practices**			**Time**
	2.1	Caste		May to July
		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		
		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
Semester-4, Paper: CC/GE-4
(Methods of Sociological Enquiry)

Group-A	**1.The Logic of Social Research**		**Time**
	1.1	Concept; Variables; Propositions	Jan to Feb
	1.2	Conceptualization and Operationalization	
	1.3	Formulation and Verification of Hypotheses	

	1.4	Research Design: Exploratory, Explanatory, Descriptive	
	1.5	Sampling Logic: Probability and Non-probability	
	2.Methodological Perspectives		**Time**
Group-B	2.1	The Positivist Method	Feb to March
	2.2	The Interpretative Method	
	2.3	The Comparative Method	
	2.4	The Ethnographic Method	
Group-C	**3.Modes of Enquiry**		**Time**
	3.1	Theory and Research	April to June
	3.2	Quantitative & Qualitative: Survey & Experimental Research: Qualitative Field Research & Unobtrusive Research-Types, Tools & Techniques	
	3.3	Analysis & Interpretation of Data: Quantitative & Qualitative	

B.A. 2nd Year General Course
Semester-4, Paper: SEC-B-(1)
(Theory and Practice of Development)

Group-A		**1. What is development?**	April
Group-B	**2. Recent trends in Development and Post development**		**Time**
	2.1	Social development indicators	April to May
	2.2	Sustainable development	
	2.3	Growth-Development Debate	
	2.4	Private-Public Partnership-PPP	
Group-C	**3. Social Services & development**		**Time**
	3.1	Concept of Social service	May to Jun
	3.2	Social services for socialization and development	
	3.3	Participatory development: Gender and Development GAD; Civil society & Grassroots initiatives: SHG; NGO	
	3.4	Corporate Social Responsibility-CSR	
Group-D	**4. Human Development: Growth vs. Development**		**Time**
	4.1	Development with dignity	Jun to July
	4.2	Decentralization of development: Panchayat & Municipality	
	4.3	MGNREGA	
	4.4	Digital India	

B.A. 3rd Year General Course

Semester-6, Paper: DSE-B-(1)
(Social Stratification)

Group-A	**1. Social Stratification: Concepts and Approaches**		**Time**
	1.1	Concepts	April to May
	1.2	Approaches-Marx and Weber	
Group-B	**2. Forms of Social Stratification**		**Time**
	2.1	Race and Ethnicity	May to June
	2.2	Caste and Class	
	2.3	Gender	
	2.4	Poverty and Social Exclusion	
Group-C	**3. Social Mobility**		**Time**
	3.1	Concepts	June to July
	3.2	Factors	
	3.3	Types	

B.A. 3rd Year General Course
Semester-6, Paper: SEC-B-(2)
(Application of Statistics for Sociology)

Group-A	**1. Basic Concepts:** Statistics, population, parameter, statistics, sample, variable	April
Group-B	**2. Definition of Social Statistics and use of statistics in Social Research**	April to May
Group-C	**3. Frequency Distribution**	May
	4. Graphical presentation of Data	
Group-D	**5. Sampling-** Types and Use	June
	6. Coding and Tabulation	
Group-E	**7. Central Tendency-**Mean, Median, Mode	July

Academic Plan 2020-21

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	Dec

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

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

		Simple linear regression, principle of least squares and fitting of polynomials and exponential curves.	AA	March
		Internal Test		March
		Final University Exam		March

Academic Plan 2020-21

Subject: Statistics(General)

Semester-III(GE3/CC3): Introduction to Statistical Inference

Semester III	Name of the paper	Topic/Unit	Name of the teacher	Month

		Unit I		
	Introduction to Statistical Inference	Population and Sample, Parameter and Statistic, Population distribution and Sampling distribution.	AA	Aug
		Statistical Inference: Point Estimation, Interval Estimation and Testing of Statistical Hypothesis.	AA	Sept
		Internal Test		Sept
		Unit II		

		Estimation of population mean, confidence intervals for the parameters of a normal distribution (one sample and two sample problems). The basic idea of significance test. Null and alternative hypothesis. Type I& Type II errors, level of significance, concept of p-value. Tests of proportions.	AA	Nov
		Tests of hypotheses for the parameters of a normal distribution(one sample and two sample	AA	Dec

		problems). Sign test		
		Internal Test		Jan
		Unit III		
		Analysis of variance, one-way and two-way classification.	AA	Jan

		Brief exposure of three basic principles of design of experiments, Statistical concepts of “treatment”, “plot” and “block”. Analysis of completely randomized design, randomized complete block design.	AA	Feb
		Internal Test		Feb
		Final University Exam		March

Academic Plan 2020-21

Subject: Statistics(General)

Semester-V (DSE- A-1): Econometrics

Semester V	Name of the paper	Topic/Unit	Name of the teacher	Month
	Econometrics	Unit-1		
		Introduction: Objective behind building econometric models, nature of econometrics, model building, role of econometrics, structural and reduced forms. Estimation under linear restrictions.	AA	Aug

		Dummy variables, Qualitative data.		
		Unit-II		
		Multicollinearity: Introduction and concepts, detection of multicollinearity, consequences and solutions of multicollinearity.	AA	Sept
		Unit-III		
		Autocorrelation: Concept, consequences of auto correlated	AA	Oct

		disturbances, detection and solution of autocorrelation. Generalized least squares estimation.		
		Unit-IV		
		Heteroscedastic disturbances: Concepts and efficiency of Aitken estimator with OLS estimator under heteroscedasticity.	AA	Dec
		Consequences of heteroscedasticity. Tests	AA	Jan

		and solutions of heteroscedasticity. Errors in variables: Correlation between error and regressors. Instrumental variable method (Single-equation model with one explanatory variable)		
		Internal Test		Feb
		Final University Exam		March

Subject: 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	April

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

		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	May
		Internal Test		May
		Unit III		

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

Academic Plan 2020-21

Subject: Statistics(General)

Semester-IV(GE4/CC4) Applications of Statistics

Semester IV	Name of the paper	Topic/Unit	Name of the teacher	Month
		Unit I		

	Applications of Statistics	Concept of population and sample, complete enumeration versus sampling, sampling and non-sampling errors. Types of sampling: non-probability and probability sampling, basic principle of sample survey, simple random sampling with and without replacement, definition and procedure of selecting a sample, estimates of: population mean, total and proportion, variances of these estimates, estimates of their variances.	AA	April

		Stratified random sampling: Technique, estimates of population mean and total, variances of these estimates, estimates of their variances, proportional and optimum allocations.	AA	April
		Internal Test		May
		Unit II		

		Index numbers: Definition, Criteria for a good index number, different types of index numbers. Construction of index numbers of prices and quantities, consumer price index number & wholesale price index number. Uses and limitations of index numbers. Tests for index numbers	AA	May

		Economic Time Series: Components of time series, Decomposition of time series- Additive and multiplicative model with their merits and demerits, Illustrations of time series. Measurement of trend by method of free-hand curve, method of least squares. Moving average method.	AA	May
		Internal Test		June
		Unit III		

		Demographic Methods: Introduction, measurement of population, rates and ratios of vital events. Measurement of mortality: CDR, SDR (w.r.t. Age and sex), IMR, Standardized death rates.	AA	June
		Life (mortality) tables: definition of its main functions and uses. Measurement of fertility and reproduction: CBR, GFR, and TFR. Measurement of population growth: GRR, NRR.	AA	June
		Internal Test		July

		Final University Exam		July

Academic Plan 2020-21

Subject: Statistics(General)

Semester-VI : Survival Analysis

Semester VI	Name of the paper	Topic/Unit	Name of the teacher	Month
		Unit-I		
	Survival Analysis	Survival Analysis: Functions of survival times, survival distributions and their applications- exponential, gamma, Weibull, Rayleigh, lognormal distributions, and distribution having bath-tub shaped hazard function. Mean Residual Time.	AA	April

		Unit-II		
		Censoring Schemes: Type I, Type II and progressive or random censoring with biological examples. Estimation of mean survival time and variance of the estimator for Type I and Type II censored data with numerical examples.	AA	May
		Unit-III		
		Non-parametric methods: Actuarial and Kaplan-Meier methods for estimating survival function and variance of the Estimator.	AA	June
		Internal Exam		July
		Final University Exam		July