

GURU NANAK COLLEGE (AUTONOMOUS)

*Guru Nanak Salai, Velachery, Chennai – 600 042
Re-accredited at 'A - Grade' by NAAC
(Affiliated to the University of Madras)*



BACHELOR OF ARTS DEPARTMENT OF B.A. (DEFENCE & STRATEGIC STUDIES)

SEMESTER PATTERN WITH CHOICE BASED CREDIT SYSTEM)

Regulation & Syllabus

(For the candidates admitted for the Academic year 2021-22 and thereafter)

RULES AND REGULATIONS

(Effective from the Academic Year 2021-22 and thereafter)
SEMESTER SYSTEM WITH CREDITS

I. CHOICE BASED CREDIT SYSTEM (CBCS) WITH GRADING

The College follows the CBCS with Grades under the Semester pattern. Each paper is provided with a credit point based on the quantum of subject matter, complexity of the content and the hours of teaching allotted.. This is done after a thorough analysis of the content of each subject paper by the members of the Board of Studies and with the approval of the Academic Council. Students are also offered a variety of Job-oriented courses, Elective courses and Skill based courses as the part of the curriculum. Students can earn extra credits by opting for Massive Open Online Courses (MOOCs) and Certificate Courses.

The evaluation method under CBCS involves a more acceptable grading system that reflects the personality of the student. This is represented as Cumulative Grade Point Average (CGPA) and Grade Point Average (GPA) which are indicators of the Academic Performance of the student. It provides students with a scope for horizontal mobility and empowers them with the flexibility of learning at their convenience.

II. ELIGIBILITY FOR ADMISSION

Candidates admitted to the first year of the UG programme should have passed the higher Secondary Examinations (Academic or Vocational Stream) conducted by the Government of Tamil Nadu or an examination accepted as equivalent thereof by the Syndicate of the University of Madras. Students applying for the PG programme should have taken the UG degree in the relevant subject from a recognized university as per the norms of the University of Madras.

For B.Com (Hons) & B.Com (PA):

Candidates admitted to the first year of the B.Com (Hons.) & B.Com (PA) programme should have passed the higher secondary examinations conducted by the Government of Tamil Nadu or an examination accepted as equivalent thereof by the Syndicate of the University of Madras with 75 % cut-off in Commerce/Business studies, Accountancy, Economics and Business Mathematics/ Mathematics.

For MBA:

The basic requirement for admission to the MBA Course, is a Bachelor's degree in any discipline with a minimum of 50% marks in aggregate and satisfactory test score in MAT Entrance Test conducted by AIMA, New Delhi / TANCET for MBA conducted by Government of Tamilnadu / CAT / XAT or any other approved MBA Entrance Tests

For MCA:

Only those candidates who have passed B.C.A/B.Sc. in Computer Science or any other equivalent degree OR passed B.Sc/B.Com/BA with Mathematics at 10 + 2 level or at graduation level (with Optional bridge course), provided they have undergone the course under 10+2+3 or 11+1+3 or 11+2+2 pattern and obtained at least 50% of marks (45 % marks in case of candidates belonging to reserved category) in the qualifying examination shall be eligible for admission to the M.C.A. Degree Course.

III. DURATION OF THE COURSE

The UG course is of three years duration with six semesters and the PG course is of two years duration with four semesters. The period from June to November is termed as the odd semester and the period from December to April is referred to as the even semester. Each semester must compulsorily have 90 working days before the students sit for the final End Semester Exam.

IV. COURSE OF STUDY

The main subjects of study for the Bachelor's Degree shall consist of the following:

1. FOUNDATION COURSES

- a) PART - I : Tamil/ Hindi / Sanskrit/French
- b) PART - II : English

2. CORE COURSES

- a) PART - III: Consisting of (a) Main subject (b) Allied Subjects (c) Elective subjects related to the main subject of study and project work.
- b) PART - IV
 - i. Those who have not studied Tamil / Hindi up to XII standard and have taken a non-Tamil / non – Hindi language under Part – I, shall opt for Basic Tamil / Basic Hindi in the first two semesters.
 - ii. Those who have studied Tamil up to XII standard, and taken a non -Tamil language under Part – I, shall opt for Advanced Tamil in the first two semesters.
 - iii. Others, who do not come under either of the clauses mentioned above, can choose a Non-Major Elective (NME) in the first two semesters.
 - iv. Soft Skills (I, II, III & IV Semesters)
 - v. Environmental Studies (IV Semester)
 - vi. Value Education (V Semester)
- c) PART - V : Compulsory Extension Service

A candidate shall be awarded **one credit** for compulsory extension service.

A student must enroll in NSS / NCC /Sports & Games/ Rotaract/ Youth Red Cross / Citizen Consumer Club / Enviro Club or any other service organization in the College and should put in compulsory minimum attendance of 40 hours, which shall be duly certified by the Principal of the College. If a student lacks 40 hours compulsory minimum attendance in the extension services in any Semester, s/he shall have to compensate the same, during the subsequent Semesters. Literacy and population and educational fieldwork shall be compulsory components in the above extension service activities.

V. COURSE STRUCTURE

The UG course consists of 15-18 Core papers with 3-4 credits for each paper, 3 Elective papers and 4 Allied papers with 5 credits for each paper in addition to 3 Soft Skill papers with three credits each and one skill based subject with three credits. The B.Com (Hons) course has 31 core papers of 4 credits each and project with 8 credits and B.Com (PA) has 29 core papers.

The PG courses (M.A, M.Com, M.Sc and MSW) have 14-17 core papers with 4 credits each , Project Work with 6 credits, 5 elective papers with 3 credits, 2 extra disciplinary papers with 3 credits, Four Soft Skill courses with two credits each. Internship as a compulsory component carries 2 credits.

The MBA course has 15 core papers including project work with 4 credits, 6 elective papers with 3 credits, 2 extra disciplinary papers with 3 credits, Four Soft Skill courses with two credits each. Internship as a compulsory component carries 2 credits.

The MCA course has 15 core papers of 2-4 credits, 5 Elective papers of 3 credits, 2 Extra-disciplinary papers of 3 credits and a project work of 17 credits.

Internship training is a compulsory component for all the UG & PG courses.

❖ The details of the course structure are given in the following table:

CHOICE BASED CREDIT SYSTEM WITH GRADING

1. POST GRADUATE DEGREE

COMPONENTS	M.Sc. Chemistry M.Sc. Mathematics M.Sc. Zoology M.A. Economics M.A. Defence & Strategic Studies			M. COM			M. S.W		
	No. of Courses	Credit per Course	Total Credits	No. of Courses	Credit per Course	Total Credits	No. of Courses	Credit per Course	Total Credits
CORE COURSES INCLUDING PRACTICAL	14-17	4	60-70	15	4	60	17	3-6	65
PROJECT	0-1	6	0 - 6	0	0	0	1	6	6
ELECTIVES	5	3 - 4	10-20	5	3	15	5	3	15
EXTRA DISCIPLINARY COURSES	2	3	6	2	3	6	2	3	6
SKILL	4	2	8	4	2	8	4	2	8
INTERNSHIP	1	2	2	1	2	2	0	0	0
TOTAL			91			91			100

COMPONENTS	M.C.A.			M.B.A.		
	No. of Courses	Credit per Course	Total Credits	No. of Courses	Credit per Course	Total Credits
CORE COURSES INCLUDING PRACTICAL	15	2-4	46	13	4	52
PROJECT	1	17	17	1	8	8
ELECTIVES INCLUDING EXTRA DISCIPLINARY COURSES	7	3	21	8	3	24
SKILL	4	2	8	4	2	8
INTERNSHIP	1	2	2	1	2	2
TOTAL			94			94

2. UNDERGRADUATE DEGREE

Under Part IV of the Course, students should register separately for two Non-Major Elective papers, during the First and Second semesters. The marks obtained under Part IV will not be included for classification of the candidate although a pass is mandatory. Students should have obtained the minimum credit under Part V to be eligible to receive the degree.

PART	COMPONENTS	B.Com(Gen.) B.Com (C.S) B.Com(A&F) B.Com(B.M.) B.Com(M.M.) B.Com(ISM) B.B.A. B.C.A B.Sc (IT) B.Com(CA)			B.Sc.(Mat.) B.Sc.(Phy.) B.Sc.(Chem.) B.Sc.(Plant Bio.) B.Sc.(Adv.Zoo) B.Sc.(C.S.) B.Sc.(Viscom) B.Sc (Biotech) B.A.(Eco.) B.A.(Defence), B.A. (English). B.Sc (Data Analytics), B.A Sociology)			B.Com (Honours)			B.Com (Professional Accounting)		
		No. of Courses	Credit per Course	Total Credits	No. of Courses	Credit per Course	Total Credits	No. of Courses	Credit per Course	Total Credits	No. of Courses	Credit per Course	Total Credits
Part I Foundation Course	Language: (Tamil/ Hindi/ Sanskrit/ French)	2	3	6	4	3	12	2	3	6	2	3	6
Part II Foundation Course	English	2	3	6	4	3	12	2	3	6	2	3	6
Part III	Core Papers	15-18	3-4	72	15-18	3-4	60	31	4	124	29	4-6	123
	Project	-	-	-	-	-	-	1	8	8	-	-	-
	Allied Papers	4	5	20	4	5	20	-	-	-	-	-	-
	Elective Papers	3	5	15	3	5	15	-	-	-	1	4	4
Part IV	Non Major Electives/ Basic Tamil/ Advanced Tamil/Basic Hindi	2	2	4	2	2	4	2	2	4	2	2	4
	Soft Skill	3	3	9	3	3	9	-	-	-	3	2-4	8
	Skill Based Subject	1	3	3	1	3	3	-	-	-	-	-	-
	Environmental Studies	1	2	2	1	2	2	1	2	2	1	2	2
	Value Education	1	2	2	1	2	2	1	2	2	1	2	2
Part-V	Extension Service	1	1	1	1	1	1	1	1	1	1	1	1
	Internship	1	2	2	1	2	2	-	-	14	-	-	14
TOTAL		142			142			167			170		

VI. EXAMINATIONS

Continuous Internal Assessment (CIA) will be for 50 percent and End Semester Examination (ESE) will be for 50 percent.

➤ **CONTINUOUS INTERNAL ASSESSMENT (CIA)**

Every semester will have a centralized mid semester examination for each paper. This will be conducted on completion of 45 working days in each semester. A Model exam of three hours' duration will be conducted on completion of 80 working days in each semester.

The schedule for these tests is as follows:

C.I.A.Test	Schedule	Syllabus Coverage
I	After 45 working days of the Semester	50%
II (Model Examination)	After 80 working days of the Semester	95%

The components for the CIA (Theory & Practicals) are as follows:

Internal Components			
Assessment Type	Nature	Maximum Marks	% of Weightage
CIA	Mid Semester Exam	50	10
Model	Model Examination	100	10
	Assignment		10
	Class activity		15
	Attendance		5
Total			50

The class activity relates to a programme of accepted innovative techniques such as seminars, quiz, portfolio creation, MCQ, PowerPoint presentation, objective tests, role play etc. The mode of evaluation of the class activity will be fixed before the commencement of the semester and an approval will be obtained from the Head of the Department. The students will be informed of the various methods of evaluation once the semester begins.

A record of all such assessment procedures will be maintained by the department and is open for clarification. Students will have the right to appeal to the Principal in case of glaring disparities in marking.

CIA marks for practical subjects will be awarded by the respective faculty based on the performance of the student in the model practical examination, observation notebook, submission

of record books, regularity and attendance for the practical classes. The attendance particulars for practical classes will be maintained by the concerned faculty.

Marks for attendance will be awarded as per the following:

Percentage of General Attendance	Marks Awarded
90-100	5
75-89	4
60-74	3
<60	0

➤ **END SEMESTER EXAMINATIONS (ESE)**

After the completion of a minimum of 90 working days each semester, the End Semester Examinations will be conducted. Examinations for all UG and PG courses will be held for all papers in November/December and April/May

Practical examinations will be conducted only during the end of the odd / even semester before, during or after the commencement of the theory exam. The schedule for ESE Practicals will be notified by the Controller of Examinations in consultation with the Dean (Academics).

A candidate will be permitted to appear for the End Semester examinations for any semester if:

- a) S/he secures not less than 75% of attendance in the working days during the semester.
- b) S/he should have applied for the examination
- c) S/he should have paid the requisite examination fee
- d) Her/His overall conduct has been satisfactory

The attendance requirements to appear for the ESE are as follows:

i. Students must have 75% of attendance in each part of the course of study to appear for the End Semester Examination.

ii. Students who have 65% to 74.9% of attendance shall apply for condonation in the prescribed form along with the prescribed fee after obtaining permission from the Principal. Students cannot claim condonation as a matter of right. Submission of Medical Certificate is normally not accepted to condone shortage of attendance.

iii. Students who have 50% to 64.9% of attendance will fall under the - Withheld category. Such students cannot take up the ESE exams. They should apply to the Principal for permission to write the next supplementary examination and pay the requisite fee for this purpose. However,

they can appear for the supplementary examinations for the previous semester's paper/s.

iv. Students who have less than 50% of attendance fall under the **Detained category- They will not be permitted to appear for the examination. They shall redo the semesters after completion of the course and appear for the examination after securing the required percentage of attendance. The decision of the Principal remains final and binding in all respects.**

v. Students who do not get the minimum marks to pass in the ESE shall compulsorily re- appear for the paper in the subsequent semester after paying the required fee.

A Student who, for whatever reasons is not able to complete the program within the normal period (N) or the minimum duration prescribed for the programme, may be allowed a two year period beyond the normal period of study to clear the backlog to be qualified for the degree. (Time Span = N +2 years for the completion of programme).

In exceptional cases like major accidents and childbirth an extension of one year may be considered beyond the maximum span of time (Time Span = N + 2 + 1 years for the completion of programme).

If the students fail to complete the course and take the examination within the stipulated time, they will be required to re-register their names and take the examination in the revised regulations/syllabus of the paper in force at the time of their reappearance. Students qualifying during the extended period shall not be eligible for **RANKING**.

➤ **INSTANT EXAMINATION (SPECIAL SUPPLEMENTARY EXAMINATION)**

In order to provide an opportunity to the final year UG and PG students to obtain the degree in the same year and also to facilitate vertical mobility, special supplementary End Semester Examinations will be conducted in about 30 days from the date of publication of results every year for the final semester theory papers and also for the candidates who had failed in **ONLY ONE** theory paper of the previous semesters. Students, who wish to apply for special supplementary End Semester Examinations, can do so within 7 days from the date of publication of results.

Students involved in Malpractice will not be permitted to appear for Supplementary Examination.

The details of the ESE are as follows:

External Component			
Assessment type	Comprehensive Test	Maximum mark	% of Weightage

External Exam	3 Hours Examination	100	50
	Grand Total (CIA+ESE)		100

VII. CONDUCT OF EXAMINATION

The Chief Superintendent of Examinations will be the Principal or a person appointed by the Principal. The responsibility of conducting the End Semester Examinations lies with the team led by the Chief Superintendent.

The time-table for examinations will be finalized by the office of the Controller of Examinations and will be displayed well in advance i.e., 20 days prior to the commencement of the examinations.

The Hall tickets for eligible students will be issued 3 days prior to the commencement of examinations. For Subjects like Environmental Studies / Value Education, End Semester Examinations may be conducted either in the on-line mode or in the offline mode along with the regular ESE.

VIII. VALUATION

The valuation of the answer scripts will be undertaken at the central valuation camp led by the Controller of Examinations or the Camp Officer appointed by the Controller of Examinations. Double valuation of answer scripts is adopted for both UG and PG Courses.

IX. PUBLICATION OF RESULTS

The Examination results will be published on the web portal during the third / fourth week of May for the II, IV and VI semester examinations and during the third / fourth week of December for the I, III and V semester examinations

A. GUIDELINES FOR OBTAINING PHOTOCOPY OF THE ANSWER SCRIPT

Candidates seeking photocopy of the answer scripts are advised to go through these rules and regulations before applying.

- i.** Photocopy is permitted only for Regular theory papers in PART I, II and III.

(Supplementary excluded).

- ii.** The student should carefully select the papers for which s/he wishes to obtain the photocopy. A second application will not be accepted for additional papers.

B. GUIDELINES FOR APPLYING FOR REVALUATION OF THE ANSWER SCRIPT

Candidates seeking revaluation are advised to go through these rules and regulations before applying.

- i. Revaluation is permitted only for Regular theory papers in PART I, II and III.
(Supplementary excluded).
- ii. The student should carefully select the papers for which s/he wishes to apply for revaluation.
A second application will not be accepted for additional papers.
- iii. The application is to be filled in by the candidate in his/her own hand-writing and not by anyone else on his/her behalf.
- iv. Entries made by the candidate are to be verified by the HOD and forwarded to the Principal for endorsement.
- v. The prescribed Fee payment receipt or challan has to be attached along with the Application Form and submitted to the Principal's Office. The candidate will be given an acknowledgement for submission, with date and time.
- vi. The candidate has to be aware that when s/he is applying for revaluation, S/he **SURRENDERS** the original performance and will now accept the revised performance in which there could either be a **CHANGE/ NO CHANGE** in the marks.

X. CLASSIFICATION OF PERFORMANCE – GRADING SYSTEM FOR THE SEMESTER

A candidate shall be declared to have qualified for the award of the Degree, provided the candidate has successfully completed the Programme requirements and has passed all prescribed subjects of study in the respective semesters.

Passing Minimum: UG CIA 40% AGGREGATE 40% B.Com (Hons.) and PG CIA 50% ESE 50% AGGREGATE 50% OF THE MAXIMUM OF THE COMPONENT IN THAT PAPER / COURSE

P: Pass, U: Re-Appear, WH: Withheld, AAA: Absent, CIA: Continuous Internal Assessment, ESE: End Semester Examination, GPA: Grade Point Average.

CGPA: Cumulative Grade Point Average

POST GRADUATE DEGREE

PART – A: Core, Elective including Extra Disciplinary Elective, Major Project

PART – B: Soft Skills, Internship

UNDERGRADUATE DEGREE

PART – I : Tamil / Hindi/Sanskrit/French

PART – II : English

PART – III: Core, Allied, Elective and Inter Disciplinary Elective

PART – IV: Basic/Advanced Tamil / Basic Hindi/ Non-Major Elective, Skill Based Electives, Environmental Studies and Value Education

PART – V : Extension Activities

RANGE OF MARKS FOR GRADES UG Also for Certificate / Diploma				RANGE OF MARKS FOR GRADES UG[B.Com.(Hons.) B.Com (PA)], PG and also			
Range of Marks	Grade Points	Letter Grade	Description	Range of Marks	Grade Points	Letter Grade	Description
90 - 100	9.0 - 10.0	O	Outstanding	90 - 100	9.0 - 10.0	O	Outstanding
80 - 89	8.0 - 8.9	D+	Excellent	80 - 89	8.0 - 8.9	D+	Excellent
75 - 79	7.5 - 7.9	D	Distinction	75 - 79	7.5 - 7.9	D	Distinction
70 - 74	7.0 - 7.4	A+	Very Good	70 - 74	7.0 - 7.4	A+	Very Good
60 - 69	6.0 - 6.9	A	Good	60 - 69	6.0 - 6.9	A	Good
50 - 59	5.0 - 5.9	B	Average	50 - 59	5.0 - 5.9	B	Average
40 - 49	4.0 - 4.9	C	Satisfactory	00 - 49	0.0 - 4.9	U	Re-appear
00 - 39	0.0 - 3.9	U	Re-appear	ABSENT	0	AAA	Absent
ABSENT	0	AAA	Absent				

C_i = Credits earned for course i in any semester

G_i = Grade Point obtained for course i in any semester

n refers to the semester in which such courses were credited.

CGPA	GRADE		CLASSIFICATION OF FINAL RESULT		
9.5-10.0	O+		First Class - Exemplary*		
9.0 and above but below 9.5	O				
8.5 and above but below 9.0	D++		First Class with Distinction*		
8.0 and above but below 8.5	D+				
7.5 and above but below 8.0	D				
7.0 and above but below 7.5	A++		First Class		
6.5 and above but below 7.0	A+				
6.0 and above but below 6.5	A				
5.5 and above but below 6.0	B+		Second Class		
5.0 and above but below 5.5	B				
B.Com (Hons.)	UG	B.Com (Hons.), B.Com (PA)	B.Com (Hons.) B.Com (PA)	UG	UG
0.0 and above but below 5.0	4.5 and above but below 5.0	U	Re-appear	C+	Third Class
	4.0 and above but below 4.5			C	
	0.0 and above but below 4.0				U

● **CGPA Grades:**

The candidates who have passed in the first appearance and within the prescribed semester of the UG/PG Programme (Core, Allied and Elective) alone are eligible for classification of results.

GRADING SYSTEM

For a Semester:

$$\text{GRADE POINT AVERAGE [GPA]} = \frac{\sum_i C_i G_i}{\sum_i C_i}$$

$\text{GPA} = \frac{\text{Sum of the multiplication of grade points by the credits of the course}}{\text{Sum of the credits of the courses (passed) in a semester}}$
--

For the entire programme:

$$\text{CUMULATIVE GRADE POINT AVERAGE [CGPA]} = \frac{\sum_n \sum_i C_{ni} G_{ni}}{\sum_n \sum_i C_{ni}}$$

$\text{CGPA} = \frac{\text{Sum of the multiplication of grade points by the credits of the entire programme}}{\text{Sum of the credits of the courses of the entire programme}}$
--

(CGPA is calculated only if the candidate has passed in all the courses in the entire programme)

XI. CONCESSIONS FOR DIFFERENTLY-ABLED STUDENTS

A. DYSLEXIA STUDENTS

For students who are mentally challenged/who have a learning disability and mental retardation/ who are slow learners/ who are mentally impaired/ who have learning disorder and seizure disorder/ who are spastic and those who have cerebral Palsy, the following concessions shall be granted:

- i. Part I** Foundation course in Tamil/Hindi/Sanskrit/French **can be exempted.**
- ii. One-third** of the time meant for the paper may be given as **extra time** in the examination.
- iii. Leniency** in overlooking **spelling mistakes**, and
- iv. Amanuensis** for all courses will be provided on request. This will be acceptable only if the request is duly certified by the Medical Board of the Government Hospital/ General Hospital/ District headquarters Hospitals and they shall be declared qualified for the degree if they pass the other examinations prescribed for the degree.

B. HEARING, SPEECH IMPAIRED & MENTALLY CHALLENGED

For students who are hearing and speech impaired/who are mentally challenged, the following concessions shall be granted:

- i. One Language paper** either **Part I** Foundation course Tamil/Hindi/Sanskrit/French or

Part II English or its equivalent **can be exempted**

ii. Part IV Non-Major Elective (NME) or Basic Tamil/Advanced Tamil or Basic Hindi **can be exempted.**

C. VISUALLY IMPAIRED STUDENTS:

i. Exempted from paying **examination fees.**

ii. A scribe shall be **arranged by the College** and the scribe will be paid as per the College's decision.

XII. INTERDISCIPLINARY ELECTIVE (IDE)

It has been proposed that the UG students admitted from the academic year 2021 – 22 onwards would take up an Interdisciplinary Elective (IDE) Paper in their **Fifth Semester.**

❖ **The following Departments functioning in Shift I will offer IDE Papers to students only from Shift I:**

S.NO	DEPARTMENT	IDE (TITLE OF THE PAPER)
1.	B.A Economics	Principles of Insurance and Risk Management
2.	B.A Defence & Strategic Studies	An Introduction to Defence Journalism
3.	B.Sc Mathematics	Numerical Analysis
4.	B.Sc Physics	Introduction to Integrated Electronics
5.	B.Sc Chemistry	Chemistry in Everyday life
6.	B.Sc Plant Biology & Biotechnology	Horticulture & Mushroom Cultivation
7.	B.Sc Advanced Zoology & Biotechnology	Wildlife Conservation
8.	B.Com (General)	Entrepreneurial Development -1
9.	B.Com Corporate Secretaryship	Entrepreneurial Development -2

❖ **The following Departments functioning in Shift II will offer IDE Papers to students only from Shift II:**

S.NO	DEPARTMENT	IDE (TITLE OF THE PAPER)
1.	B.B.A	Managerial Skill Development
2.	B.C.A	E - Commerce
3.	B.Com (A&F)	Indian Constitution and Human Rights
4.	B.Com (General)	Entrepreneurial Development -3
5.	B.Com (Corp. Sec)	Entrepreneurial Development -4
6.	B.Sc Computer Science	Internet and Its Applications
7.	B.Sc Visual Communication	Understanding Film
8.	B.Com (BM)	Personal Investment Planning
9.	B.Com (MM)	Tourism Management

❖ The following Departments from Shift II, functioning in Shift I timings can only offer IDE Papers to the students functioning within the same Shift I timings:

S.NO	DEPARTMENT	IDE (TITLE OF THE PAPER)
1.	B.Com (ISM)	Essentials of Office Automation Tools and E- Mail Etiquette
2.	B.A English Literature	English for Competitive Exams
3.	B.Sc Biotechnology	Intellectual Property Rights
4.	B.Sc Information Technology	Web Designing
5.	B.Sc Data Analytics	<ul style="list-style-type: none"> • Interdisciplinary Elective – Digital Logic Fundamentals • Operating Systems • Data Visualization using Tableau • Pentaho/ Looker
6.	Commerce (PA)	Office Management & Methods
7.	Commerce (CA)	<ul style="list-style-type: none"> • Entrepreneurial Development • Production & Supply Chain Management • Business Information System
8.	B.A Sociology	Problems of Urban India
9.	B.A Defence & Strategic Studies	An Introduction to Defence Journalism

XIII. OPTION TO EARN ADDITIONAL CREDITS

A. MOOCs (Massive Open Online Courses)

- The UG students can opt for a minimum of one Course and earn 2 credits, while a maximum of 6 Credits can be earned by completing three courses during their three-year period of study.
- The PG students can opt for a minimum of one Course and earn 2 credits, while a maximum of 4 Credits can be earned by completing two courses during their two-year period of study.
- This is completely optional.

B. CERTIFICATE COURSES

The Certificate courses are offered by the departments for 30 hours which will enable the students to earn 2 additional credits.

C. ADDITIONAL CREDIT FOR EXTENSION SERVICES

All the students who have put in additional 40 hours or more apart from the compulsory minimum hours in NSS / NCC / Sports & Games / Rotaract / Youth Red Cross / Citizen Consumer Club / Enviro Club or any other service organization in the College will be eligible to earn an additional credit at the time of completion of their Course. This should be duly certified by the Principal of the College,

XIV. REQUIREMENTS FOR PROCEEDING TO SUBSEQUENT SEMESTERS

- i. All candidates should register their names for the first semester examination after admission to the UG / PG courses.
- ii. Candidates shall be permitted to proceed from the first semester up to the final semester irrespective of their failure in any of the semester examinations, subject to the condition that the candidate had registered for all the arrear subjects of earlier semesters along with current semester subjects.

XV. ISSUE OF CERTIFICATES

A Statement of Marks will be issued to each student who has written the examination.

❖ Consolidated Mark Sheet

Consolidated mark sheets will be given to final year students along with total credits earned only to those who have passed in all the papers prescribed for the respective degree.

❖ Transcript

Students who wish to obtain any Transcript for joining courses of study in other Universities in India or abroad or for obtaining scholarships, can obtain these certificates from the office of the Controller of Examinations. A requisition letter duly signed by the Student and forwarded by the Principal along with fee challan is to be submitted to the office of the Controller of Examinations. The Certificate will be provided within 15 working days in a sealed envelope.

❖ Provisional Certificate

A copy of the results of the successful final year students will be sent to the University of Madras in the prescribed format in July/August and the University will issue a Provisional Certificate through the College. A soft copy can be downloaded from the University of Madras website and a hard copy will be provided by them within 90 days of the issue of the soft copy.

❖ Corrections in the Certificates

Any corrections like name, date of birth etc., can also be made in the certificate. A letter of request duly signed by the student, HOD and Principal along with the prescribed fee paid challan has to be forwarded to the office of the Controller of Examinations. The details will be updated within 15 working days. The amount once paid will not be refunded under any circumstances.

❖ Duplicate Mark Sheet

In case of loss of the mark sheet / certificate, a duplicate will be provided after submitting a non-traceable certificate issued from the Police station duly signed by an Inspector or Sub Inspector. A letter of request duly signed by the student, HOD and Principal along with the prescribed fee paid challan is to be forwarded to the office of the Controller of Examinations.

❖ Duplicate Provisional Certificate / Degree Certificate:

Students have to apply directly to the University of Madras for duplicate provisional certificate and degree certificate.

❖ **Verification of Qualification**

Agencies which request for verification of educational qualification of students under the autonomous mode of this college and students who opt for higher studies / employment and who require verification of educational qualification shall verify online through the QR code in the consolidated mark sheet after an online payment of fees for the same. They can also apply to the Principal to this effect along with the prescribed fees which has to be forwarded to the Office of the Controller of Examination. The relevant certificate will be issued within 15 working days from the receipt of the forwarded request of the Principal and the Office of the Controller of Examination.

XVI. CONVOCATION AND NOTICE

❖ **Convocation**

Every year after the Convocation is conducted by the University of Madras, the College will hold a Graduation day / Convocation in which the Degree Certificates will be distributed to the students who are present. For others it will be issued by the College Office. Students should collect the same within 30 days of convocation after which a search fee will be charged. **Students are responsible for collecting their Degree certificates from the college office on time.**

❖ **Notice**

Candidates, who have completed the duration of the course and left the College, can get information regarding Supplementary Examinations, issue of examination application forms, certificates and application for Graduation day through the college website and general notice board. Regular students will however be informed of the examinations by circulation, in addition to the modes mentioned above.

No student will receive individual communication.

XVII. PROCEDURE FOR SUBMISSION OF SYLLABUS

- i. Each department will finalize the syllabus.
- ii. Finalization could mean a minor change in the existing syllabus or a revamp of the entire syllabus.
- iii. The department will submit the changes to the Board of Studies. After the approval of the syllabus in the BOS, the concerned department will submit the minutes along with the modified syllabus book / sheet (five copies) to the Dean's office within ten days of the BOS meeting.
- iv. A Soft copy of the batch-wise syllabus approved by the BOS in PDF format should be sent to the Dean's mail ID within ten days of the BOS meeting.

B.A., DEGREE PROGRAMME IN DEFENCE AND STRATEGIC STUDIES

AIM:

The Degree in Defence and Strategic Studies curriculum aims to provide opportunities for students to:

- To impart knowledge and develop defence oriented aptitude and disseminate ideas of war and peace
- To mobilise public opinion in favour of the requirements of national security
- To create security consciousness
- To give mature guidance regarding national security problems and prospects
- To generate adequate knowledge base in this new discipline, to reflect its relationship with other social sciences and make it more pertinent to national ethos

OBJECTIVES OF LEARNING:

At the end of every programme, the students should:

- Have broad knowledge of national security and functioning of the international relations and the variety of techniques adopted by nation - states in resolving their issues of peace and security.
- To relate these experiences to that of India and understanding of the past approaches adopted by Indian leadership.
- To inculcate in young minds the features of national security and the role of citizens towards attainment of this goal.
- To impart knowledge and develop defence oriented intellectual aptitude and capital.
- To create a pool of trained planners, analysts, strategists, defence journalist and thinkers in this specialized field.
- To motivate young men and women to take up armed forces as their career.

B.A., DEGREE PROGRAMME IN DEFENCE AND STRATEGIC STUDIES
SEMESTER SYSTEM WITH CREDITS
(Effective from the Academic year 2021-2022)

Semester	Part	Course	Title	Hours	Credits	Internal	External	Total
Semester - I	I	Language	Language Paper I	6	3	50	50	100
	II	English	English Paper I	4	3	50	50	100
	III	Core Paper-I	Strategic Study of India	5	4	50	50	100
		Core Paper-II	Fundamentals of War and Peace	5	4	50	50	100
		Allied Paper-I	An Introduction to Political Science-I	6	5	50	50	100
	IV	NME-I*	Introduction to Police Administration	2	2	50	50	100
		Soft Skills-I	Introduction to Study Skills	2	3	50	50	100
TOTAL				30	24			
Semester - II	I	Language	Language Paper II	6	3	50	50	100
	II	English	English Paper II	4	3	50	50	100
	III	Core Paper-III	Art of Warfare in India (up to 1947)	5	4	50	50	100
		Core Paper-IV	World Military History	5	4	50	50	100
		Allied Paper-II	An Introduction to Political Science –II	6	5	50	50	100
	IV	NME-II*	Criminology- An Introduction	2	2	50	50	100
		Soft Skills-II	Life Skills	2	3	50	50	100
TOTAL				30	24			
Semester - III	I	Language	Language Paper III	6	3	50	50	100
	II	English	English Paper III	4	3	50	50	100
	III	Core Paper-V	Fundamentals of National Security	6	4	50	50	100
		Core Paper-VI	International Relations	6	4	50	50	100
		Allied Paper-III	Principles of Economics-I	6	5	50	50	100
	IV	Soft Skills-III	Job-Oriented Skills	2	3	50	50	100
		Environmental Studies	Environmental Studies (Applicable to IV Semester)	*	*	*	*	*
TOTAL				30	22			

B.A., DEGREE PROGRAMME IN DEFENCE AND STRATEGIC STUDIES
SEMESTER SYSTEM WITH CREDITS
(Effective from the Academic year 2021-2022)

Semester	Part	Course	Title	Hours	Credits	Internal	External	Total	
Semester -IV	I	Language	Language Paper IV	6	3	50	50	100	
	II	English	English Paper IV	4	3	50	50	100	
	III		Core Paper-VII	Military Geography and Geo-Politics	5	4	50	50	100
			Core Paper-VIII	International Organizations	5	4	50	50	100
			Allied Paper-IV	Principles of Economics-II	6	5	50	50	100
	IV		Soft Skills-IV	Computing Skills	2	3	50	50	100
		Environmental Studies	Environmental Studies	2	2	50	50	100	
TOTAL				30	24				
Semester -V	III		Core Paper-IX	National Security of India	6	4	50	50	100
			Core Paper-X	Specialized Warfare	6	4	50	50	100
			Core Paper-XI	Basics of Defence Economics and Defence Management	6	4	50	50	100
			Core Paper-XII	Comprehensive security	5	4	50	50	100
			Elective-I: Inter-disciplinary Elective (IDE)	Fundamentals of Journalism	5	5	50	50	100
	IV		Value Education	2	2	50	50	100	
	V		Internship	-	2	-	-	-	
TOTAL				30	25				
Semester -VI	III		Core Paper-XIII	International Law	6	4	50	50	100
			Core Paper-XIV	Post Independent Wars of India	6	4	50	50	100
			Core Paper-XV	Disarmament and Arms Control	6	4	50	50	100
			Elective-II	Limited Wars	6	5	50	50	100
			Elective-III	Introduction to student's support services	6	5	50	50	100
			Extension Activities		1				
TOTAL				30	23				
GRNAD TOTAL				180	142				

**END SEMESTER EXAMINATION QUESTION PAPER PATTERN FOR THEORY PAPERS
WITHOUT PRACTICAL**

PART A (10x2= 20 MARKS)

Answer any TEN Questions

Answer to each Question not to exceed 50 words

PART B (5x8= 40 MARKS)

Answer any FIVE Questions.

Answer to each Question not to exceed 200 words.

PART C (2x20= 40 MARKS)

Answer any TWO Questions.

Answer to each Question not to exceed 1000 words

QUESTION ALLOTMENT	MAXIMUM 100 MARKS PASSING MINIMUM 40 MARKS THREE HOURS DURATION
QUESTION 1-12	Part-A (10x2=20 Marks) Answer Any Ten Questions Each Question Carries 2 Marks
QUESTION 13-20	Part-B (5x 8=40) Answer Any Five Questions Each Question Carries 8 Marks
QUESTION 21 TO 24	Part-C (2x 20=40 Marks) Answer Any Two Questions Each Question Carries 20 Marks

CORE PAPER – I: STRATEGIC STUDY OF INDIA

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-I	CREDITS-4	NO. OF HOURS PER WEEK-5

Objectives:-

India is a civilizational concept, which has witnessed numerous ups and downs in its evolution in the contemporary international system. Modern India is destined to play a commanding role in the global affairs. This paper attempts to broaden the understanding of India in terms of its strong and weak potentialities.

Unit 1:INTRODUCTION

- (a) Explanation of terms: Bharat, Hindustan and India
- (b) Salient features of India's freedom struggle
- (c) Geo-Strategic location, size, borders.

Unit 2:PHYSIOGRAPHIC FEATURES

- (a) Himalayas, Indo-Gangetic Plain and Deccan Plateau
- (b) Ethnic and Linguistic Composition.

Unit 3:SYSTEM OF GOVERNANCE

- (a) Salient Features of Indian Constitution
- (b) National Flag, National Anthem & National Institutions.

Unit 4:POWER RESOURCES

- (a) Agricultural
- (b) Industrial
- (c) Natural.

Unit 5:MILITARY POTENTIAL

- (a)Defence Industries
- (b) Institutions of DRDO.

Reference:-

1. India Year Book, Publication Division – New Delhi
2. Manorama Year Book
3. D.G.Chandler, The Atlas of Military Strategy: the art, theory and practice of war, London.

CORE PAPER-II: FUNDAMENTALS OF WAR AND PEACE

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-I	CREDITS-4	NO. OF HOURS PER WEEK-5

Objectives:

The history of mankind is highlighted by incidents of war and peace. It is therefore necessary to have in depth knowledge of these concepts for better understanding and clarity.

Unit 1 : INTRODUCTION

(a) Nomenclature and understanding of the terms Military Science, Military Studies, War Studies, Peace Studies, Conflict Studies, Defence Studies and Defence and Strategic Studies

(b) Relevance and significance

Unit 2: BASIC CONCEPTS

(a) War, Strategy, Grand Strategy, Tactics, Campaign, Battle, Operations, Defence and Security

(b) Categorization of War: Civil war, Limited war, Chemical and Biological war, nuclear war, Guerrilla war, Insurgency and Low Intensity Conflicts

Unit 3: CAUSES AND PRINCIPLES OF WAR.

Unit 4: UNDERSTANDING OF PEACE

(a) Meaning, Definition and Forms of Peace

(b) Role of Peace Education and Peace Movements

(c) Concepts of Peaceful Co-existence & Zone of Peace

Unit 5: MECHANICS OF WAR AND PEACE

(a) Amicable Settlement of International Disputes

(b) International Law and Peace, Peace Treaties, International Court of Justice

(c) Concepts of Peace Making, Peacekeeping & Peace Building

References: -

- 1) Philip, T.R., (ed), Roots of Strategy, 1943.
- 2) Michael Howard, (Ed), The Theory and Practice of War, 1965.
- 3) D.G.Chandler, The Atlas of Military Strategy: the art, theory and practice of war (London, 1980)
- 4) Fuller, J.F.C., The Foundation of the Science of War (London, 1925)
- 5) Field Marshal, Montgomery, Viscount, A History of Warfare, (London: Collins, 1968).
- 6) Galtung, Johan, The Struggle for Peace, (Ahmedabad: Gujarat Vidyapeeth, 1986)

ALLIED-I: AN INTRODUCTION TO POLITICAL SCIENCE- I

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-I	CREDITS-5	NO. OF HOURS PER WEEK-6

Objectives:

This paper tries to introduce to the discipline of Political Science- State, Government and political systems: besides the theories of governance.

UNIT I –I INTRODUCTION

- (a) Political Science as a discipline-Meaning and Definition-Nature and Scope
- (b) Is Politics a Science or Art
- (c) Methods of Political Science

UNIT II –STATE AND NATION

- (a) State Definition, Element and Functions of State
- (b) Distinction between State and Government
- (c) Distinction between State and Society and Association

UNIT III—THEORIES OF ORIGIN OF STATE

- (a) Divine Origin Theory
- (b) Force Theory
- (c) Social Contract Theory: (EXCLUDING HOBBS, LOCKE, and ROUSSEAU’S THEORIES)
Patriarchal and Matriarchal theory Historical or Evolutionary Theory

UNIT IV—SOVEREIGNTY AND PLURALISM

- (a) Sovereignty-Definition and Kinds of Sovereignty
- (b) Austin’s Theory of Sovereignty
- (c) The concept of Pluralism

UNIT V—THE STATE AND THE INDIVIDUAL

- (a) Law: Meaning and Features
- (b) Rights: Kinds and Fundamental Rights
- (c) Liberty: Its kinds and safeguards
- (d) Equality: Relation with Liberty and Rights

References: -

1. Amal Roy and Mohit Bhattacharya: Political Theory: Ideas and Institutions, Calcutta: The World Press
2. R.C. Macridis (ed) Modern Political System, Prentice Hall International
3. A.C.Kapoor: Principles of Political Science.
4. R.L.Gupta: Introduction to Political Science.

NON- MAJOR ELECTIVE

NME- I: INTRODUCTION TO POLICE ADMINISTRATION

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-I	CREDITS-2	NO. OF HOURS PER WEEK-2

Objectives:

The subject primarily aims to provide quality human resources with sufficient skills on Police issues. It also enables the candidates to understand and appreciate police administration from the citizens' perspective and point of view. Students can understand the organizational structure and function of Police Departments in various States and Union Territories as well as several para-military forces such as BSF, CRPF, ITBP, CRPF, GRPF, and CISF, etc.

UNIT I-INTRODUCTION:

- (a) History of Indian Police
- (b) Evolution Of Policy
- (c) Police Act 1851
- (d) National Police Commission NPC-1979

UNIT II – ORGANISATIONAL STRUCTURE

- (a) State Police
- (b) District Police
- (c) City Police
- (d) Village Police
- (e) Railway Police
- (f) Armed Forces

UNIT III-CENTRAL POLICE ORGANISATION

- (a) CBI, ITBP, BSF, CISF, CRPF, NSG, SSB, AR, SPG, NCB, NIA, ASSAM RIFLES.
- (b) Police Research and Crime Detective Organisation-BPRD, NCR.
- (c) Intelligence Organisation- RAW, DRI, IB.

UNIT IV- RECRUITMENT AND TRAINING

- (a) Constable, Deputy and Assistant Superintendent of police
- (b) Tamilnadu Police Academy
- (c) Police training college.
- (d) Command Control Centre (CCC) / State Command Centre (SOC)

UNIT V- CIVIL DEFENCE

- (a) Home Guard
- (b) Friends of Police
- (c) Fire Services and Rescue

References:

1. O. W. Wilson, Police Administration (McGraw-Hill, 1950)
2. Hoover, Larry T., ed. 1992. *Police management issues and perspectives*.

Websites:

1. <https://dgfscdhg.gov.in/tamil-nadu-1>.
2. <https://eservices.tnpolice.gov.in/CCTNSNICSDC/pdfs/rti/rtiunits/RTIbattalianIV.pdf>

2019 Batch onwards
DEPARTMENT OF ENGLISH UG Part IV

SOFT SKILLS - I

INTRODUCTION TO STUDY SKILLS

SUBJECT CODE:	THEORY	MARKS: 100
SEMESTER: I	CREDITS:3	NO. OF HOURS PER WEEK: 2

Objectives

- To help, develop and improve the vocabulary of the learners
- To help the learners develop the skill of inference
- To help the learners to acquire writing skills in English

Use of Dictionary and Dictation

Speech Sounds in English & Right Pronunciation

Stress & Intonation

Vocabulary Building Exercises

Listening and Reading Comprehension

Paragraph and Essay Writing

BOOKS FOR REFERENCE:

1. *Hewings, Martin. 1999. Advanced English Grammar: A Self- study Reference and Practice Book for South Asian Students. Reprint 2003. Cambridge University Press. New Delhi.*
2. *Lewis Norman.1991. Word Power Made Easy.*
3. *Mohan, Krishna &Meenakshi Raman. 2000. Effective English Communication. Tata McGraw Hill Publishing Company Ltd.*
4. *Mohan, Krishna &MeeraBanerji. 2001. Developing Communication Skills. Macmillan.*
5. *Syamala. 2002. Effective English Communication for You. Emerald Publishers, Chennai.*
6. *Harishankar, Bharathi. Ed. Essentials of Language and Communication. University of Madras.*
7. *Swan, Michael and Catherine Walter. 1990. The Cambridge English Course-2. Cambridge University Press.*

CORE PAPER-III: ART OF WARFARE IN INDIA (Up to 1947)

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-II	CREDITS-4	NO. OF HOURS PER WEEK-5

Objectives:

This paper attempts to familiarize the students with the evolution of the art of warfare in India. It is to establish that the art of warfare changes with changes in political governance, nature of threat, and weapon systems

Unit 1: WARFARE IN ANCIENT INDIA

- (a) Military System in Vedic, Puranic and Epic ages
- (b) Alexander's Invasion of India
- (c) Rise of Mauryan Empire and its military system
- (d) Kautilya's philosophy of war and peace.

Unit 2: WARFARE IN MEDIEVAL INDIA

- (a) Arab Conquest of Sind (Battle of Rawar)
- (b) Ghazni's invasions (Battle of Somnath)
- (c) Md.Ghori's Conquest of India (Battle of Terrain I and II)
- (d) Foundation of Mughal Empire in India (Battle of Panipat I and II)

Unit 3: MILITARY SYSTEM OF SOUTH INDIA (MEDIEVAL PERIOD)

- (a) Rise of Pallavas and their Military system
- (b) Chola Imperialism and military system
- (c) Conquests of Pandya emperors and their military system

Unit 4: REVIVAL OF HINDU MONARCHY

- (a) Sivaji as a great guerrilla leader
- (b) Military system of the Marathas
- (c) Rise of Sikhism
- (d) Military system of Maharaja Ranjit Singh

Unit 5: COMING OF THE EUROPEANS

- (a) British Conquest of Bengal
- (b) Anglo- Mysore Wars
- (c) Rise of Presidency Armies
- (d) First War of Independence 1857 (Causes and Consequences)

References:

- 1) Majumdar, R.C., An Advanced History of India, New York: St.Martin,1967
- 2) Malleon, G.B., The Decisive Battles of India, London: W.H.Allen, 1885
- 3) Saxena, K.L.M., Military System of India-1850-1900, Delhi'1976.
- 4) Roy, Koushik., From Hydespas to Kargil : A History of Warfare in India from 326 B.C. to A.D 1999, Delhi: Manohar,2004.
- 5) Anjoli Nirmal, The Decisive Battles of Indian History, Jaipur: Pointer Publications,1999.

CORE PAPER-IV: WORLD MILITARY HISTORY

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-II	CREDITS-4	NO. OF HOURS PER WEEK-5

Objectives:

On successful completion of the paper, the candidates will be able to narrate the evolution of warfare from early times. This paper outlines the wars which were fought from 4th century BC to 19th Century AD. To make the students understand the evolution of wars in the world from early period.

Unit 1: MILITARY SYSTEM IN ANCIENT GREECE

- (a) Greek Military Organization,
- (b) Greco Persian War (Battle of Marathon, Thermopylae and Salamis),
- (c) Rise of Alexander's Empire(Battle of Isus, Arbela)

Unit 2: MILITARY SYSTEM IN ANCIENT ROME

- (a) Roman Military organization,
- (b) Rome- Carthage Conflict (Battle of Cannae, Zama)
- (c) Julius Caesar's Military Campaigns

Unit 3: MILITARY SYSTEM IN MEDIEVAL EMPIRE

- (a) Military Reforms of Gustavus Adolphus
- (b) French Revolution – Causes and Consequences
- (c) Napoleon's art of war (Battle of Trafalgar, Battle of Um Jena and Waterloo)

Unit 4: WORLD WAR I

- (a) Causes
- (b) Trench and Static Warfare, Use of Gas
- (c) Role of Naval and Air Power
- (d) Military lessons

Unit 5:WORLD WAR II

- (a) Causes
- (b) Blitzkrieg Tactics,
- (c) Role of Air Power and Naval Power
- (d) Military Lessons.

References: -

- 1) Howard, Michael. War in European History, Oxford: Oxford University Press, 1977.
- 2) Keegan, John., A History of Warfare, New York: Vintage, 1993.
- 3) Fuller, J.F.C., A Military History of the Western World, New York: Funk & Wagnalls Company, 1955
- 4) Neilberg, Michael,S., Warfare in World History, London / New York : Routledge,2001.
- 5) Andre Corviser, (ed.), A Dictionary of Military History, Oxford: Blackwell Publishers,1994.
- 6) Dupey & Dupey, Encyclopaedia of Military History

ALLIED PAPER-II : AN INTRODUCTION TO POLITICAL SCIENCE-II

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-II	CREDITS-5	NO. OF HOURS PER WEEK-6

Objectives:

This paper tries to give an introduction to government, its structure and function: forms of government structure of government and the role of public opinion, Political parties and pressure groups on governance.

UNIT I –I FORMS OF GOVERNMENT

- (a) Leacock’s classification of Governments-Its Meaning
- (b) Unitary and Federal forms of governments-Merits and Demerits
- (c) Parliamentary and Presidential form of government

UNIT II - DEMOCRACY

- (a) Democracy-Definition, Meaning and Principles
- (b) Merits and Demerits of Democracy
- (c) Conditions for the success of Democracy

UNIT III - ORGANS OF GOVERNMENT

- (a) Legislature: Its powers and functions and types
- (b) Executive: Its powers and functions
- (c) Judiciary: Its powers and functions and Methods for independence

UNIT IV- PUBLIC OPINION, POLITICAL PARTIES AND PRESSURE GROUPS

- (a) Public Opinion: Meaning, Definition and Types
- (b) Agents of Public Opinion
- (c) Political Parties and types
- (d) Pressure Groups

UNIT V- ELECTION

- (a) Electoral System, Importance of Elections and Universal Franchise
- (b) Qualifications of Voters and candidates
- (c) Methods of minority representation
- (d) Territorial and Functional Representation
- (e) conditions of good electoral process

References: -

1. A.C, Kapoor: Principles of Political Science
2. A. Appadurai: Substance of Politics, Oxford University Press, India
3. V.D. Mahajan: Modern Governments, S.C.Chand and Co., New Delhi
4. M. N. Kaul and S.L. Shakhdar, Practice and Procedure of Parliament, Metropolitan Book Company

NON-MAJOR ELECTIVE

NME-II: CRIMINOLOGY - AN INTRODUCTION

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-II	CREDITS-2	NO. OF HOURS PER WEEK-2

Objective:

Crime has been part of societal life since time immemorial. Crime has assumed more complex and multi-dimensional facet in recent times. In order to prevent crime it is imperative to know about the manifestations of crimes and its scope to curtail it. This paper endeavours towards this.

UNIT I –INTRODUCTION

- (a) Criminology: Definition, Meaning, Nature and Scope
- (b) Types and Historical development and Fundamentals of Criminal law
- (c) Schools of Thought within Criminology
- (d) The Classical School
- (e) the Positivist School
- (f) The Chicago School.

UNIT II – CONCEPT OF CRIME

- (a) Definition, Meaning, causes and types of crime Classification of Crimes
- (b) Characteristics of Crime, frequency and types of crime

UNIT III - ORGANIZED CRIMES

- (a) Introduction, Definition and different types of Crime Organizations
- (b) White Collar Crime –Definition
- (c) White Collar Crimes in India
- (d) White Collar Crime in certain professions
- (e) Alcoholism, Drug Addiction, Crime and its impact

UNIT IV-INVESTIGATION

- (a) Process of Investigation in CrPc
- (b) Difference between Police and Private Investigator
- (c) Desirable attributes of Investigator
- (d) Instruments used in Investigation: Audio recording devices, Video recording devices, Photo camera.
- (e) Interrogation and Interview Difference between interrogation and Interview
- (f) Uses of Interviews and Interrogations
- (g) Types of witnesses

UNIT V – PUNISHMENT

- (a) Definition, nature and scope
- (b) Nature of Punishment and Types of Punishment
- (c) Corporal and Capital Punishment
- (d) Theories of Punishment: Retributive theory, Preventive theory, deterrence theory, Reformation theory.

References:

1. Danielle M. Reynald Guarding Against Crime Measuring Guardianship within Routine Activity Theory, Griffith University, Australia

2. Clare Fletcher and Daniela Herrmann, The Internationalization of Corruption Scale, Impact and Countermeasures
3. Steveny Annoulidis, Mental State Defence in Criminal Law , Monash University, Australia
4. Andrew Von Hirsch, (1987) Past or future crimes: Deservedness and Dangerousness in the Sentencing of Criminals, Rutgers University Press.
5. Ahmed Siddique, (1993). Criminology, Problems and Perspectives, III Edn., Eastern Book Company, Lucknow.
6. Bhattacharya S.K., (1986). Probation system in India, Manas Publications, New Delhi
7. Brodie, S.R., (1976). Effectiveness of sentencing, Home office, London.
8. Chockalingam K., (1993). Issues in Probation in India, Madras University Publications, Madras.
9. Christopher J. Emmins, (1985). A practical approach to sentencing, Financial Training Publications Ltd., London.

2019 Batch onwards
DEPARTMENT OF ENGLISH UG Part IV

SOFT SKILLS –II

SECOND SEMESTER: LIFE SKILLS

SUBJECT CODE:	THEORY	MARKS: 100
SEMESTER: II	CREDITS: 3	NO. OF HOURS PER WEEK: 2

Objectives

- To build the confidence of learners to face the challenges of a globalized society
- To sensitize learners' ethical, moral and social values in their work environment
- To help them understand how to overcome stress-related problems
- To train the learners to use their time effectively

SWOC Analysis Etiquette

Stress Management Time Management

Discussion of Success Stories

- i. Auto-suggestions
- ii. Problem solving
- iii. Decision Making
- iv. Presentation Skills-Oral/PPT

Books for Reference:

1. Pease, Allen. 1998. *Body Language: How to read other's thoughts by their gestures*. Sudha Publications. New Delhi.
2. Powell. *In Company*. MacMillan
<http://www.essentiallifeskills.net/>

CORE PAPER V – FUNDAMENTALS OF NATIONAL SECURITY

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-III	CREDITS-4	NO. OF HOURS PER WEEK-6

Objectives:

National security is the highest political goal of all states; the approaches adopted by states differ based on their individual power status, and the prevailing political and strategic dynamics at regional and global level. This paper introduces threats to a state, typology of threats, national power and its elements, doctrinal orientation for security; its linkages with foreign policy and defence policy.

Unit I: INTRODUCTION

- (a) India's national values
- (b) National Security of objectives
- (c) Objectives of India's Foreign Policy.

Unit II: HIGHER DEFENCE ORGANISATION OF INDIA

- (a) Security Structure of Army, Navy, Airforce and Para Military Forces.

Unit III: SPECTRUM OF THREATS

- (a) Threat Perception
- (b) Threat Assessment
- (c) Threat Analysis and Policy Formulation.

Unit IV: NATIONAL SECURITY ANALYSIS

- (a) Concept, Components and formulation of Security
- (b) Defence Policies and their linkages.

Unit V: INTERNAL THREATS:

- (a) Basic concepts of: Left Wing Extremism, Naxalism, Guerrilla Warfare, Terrorism, Insurgency, fundamentalism (religious).

References: -

1. Barry, Buzan. People, State and Fear: The National Security Problems in International Relations, Sussex; Wheatsheaf Books, 1983.
2. Bajpai, U.S.,(ed) India's Security : The Politico-Strategic Environment, New Delhi :Lancers Books, 1983.
3. Dixit, J.N., Across Borders: Fifty Years of India's Foreign Policy, New Delhi: Picus Books,1998.
4. Satish Kumar, (ed)., Yearbook on India's Foreign Policy, New Delhi : Deep & Deep,1993.
5. Jayaramu, P.S., India's National Security and Foreign Policy, New Delhi: ABC Publishers, 1978.

CORE PAPER-VI: INTERNATIONAL RELATIONS

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-III	CREDITS-4	NO. OF HOURS PER WEEK-6

Objectives: -

Ever since states were identified on their territoriality, the need for jealously guarding their territoriality and if possible expanded has been the prime motive of international relations. To grasp its historical progress and the expanding scope of relationship amongst the states becomes imperative for the students of defence and strategic studies.

Unit I: INTRODUCTION

- (a) Components of State
- (b) Evolution of State system (Placeholder1)

Unit II: STATE SYSTEM AND ITS COROLLARIES

- (a) Elements of National Power
- (b) National Interest
- (c) Foreign Policy

Unit III: THEORIES OF INTERNATIONAL RELATIONS

- (a) Idealist and Realist
- (b) Integration
- (c) Behaviourist
- (d) Structuralism

Unit IV: DIPLOMACY

- (a) Concept of Diplomacy
- (b) Kinds of Diplomacy
- (c) Functions of Diplomacy

Unit V : CONTROL OF INTERNATIONAL RELATIONS

- (a) Collective Security
- (b) Balance of Power
- (c) International Law

References:

1. Introduction to International Relations: Theories and Approaches, Robert H.Jackson, Georg Sorensen, Oxford University Press,
2. International Relations, Palmer and Perkins,
3. International Relations, Prem Arora, IAS Study Circle, New Delhi
4. Man, the State, and War: A Theoretical Analysis, Kenneth Waltz,
5. International Relations Theory: A New Introduction, Palgrave Macmillan

ALLIED PAPER-III: PRINCIPLES OF ECONOMICS – I

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-III	CREDITS-5	NO. OF HOURS PER WEEK-6

Objectives:

Principles of Economics aim to teach considerable range and depth of Economic concepts through an approachable style and methodology.

Unit I: INTRODUCTION

- (a) Definitions of Economics: Adam Smith, Alfred Marshall, Lionel Robbins and Samuelson
- (b) Nature of Economics: Micro and Macro Economics
- (c) Central problems of an Economy

Unit II: CONSUMPTION

- (a) Wants and their characteristics
- (b) Consumer's equilibrium
- (c) Marginal utility analysis and Indifference curve analysis
- (d) Consumer's surplus

UNIT III: PRODUCTION

- (a) Factors of production
- (b) Law of variable proportions
- (c) Laws of returns to scale
- (d) Producer's equilibrium
- (e) Expansion Path

UNIT IV: MARKET STRUCTURE

- (a) Perfect competition, Monopoly and Monopolistic competition, Oligopoly and Kinked Demand Curve

UNIT V: DISTRIBUTION

- (a) Functional vs. personal distribution
- (b) Factor Pricing
- (c) Marginal Productivity Theory of Distribution
- (d) Quasi Rent
- (e) Keynes' Liquidity Preference Theory of Interest
- (f) Schumpeter's Theory of Profit

Reference

1. Ahuja H. L - Principles Of Microeconomics
2. Microeconomic Theory.R.Cauvery & Team.
3. Ahuja H. L -Advanced Economic Theory

2019 Batch onwards
DEPARTMENT OF ENGLISH UG Part IV

SOFT SKILLS –III
THIRD SEMESTER: JOB-ORIENTED SKILLS

SUBJECT CODE:	THEORY	MARKS: 100
SEMESTER: III	CREDITS: 3	NO. OF HOURS PER WEEK: 2

Objectives:

- To prepare the students to be job-ready.
- To help learners use English Language appropriately to the role or situation.
- To develop confidence in them to face Interviews.
- To train them to prepare their own CV/Resume

Different kinds of Interviews Letter of Application and CV

Technical Writing - Circulars, Memos, Agenda and Minutes Group Discussion
Review

- i. Books
- ii. Films

Books for Reference:

1. Harishankar, Bharathi. ed. *Essentials of Spoken and Presentation Skills*. University of madras.
2. John, Seely. 1998. *The Oxford Guide to writing and speaking*. Oxford U P, 1998, Delhi.
3. *The Princeton Language Institute and Lanny Laskowski*.2001. *10 days to more confident Public Speaking*. Warner Books.
4. <http://jobsearch.about.com/cs/curriculumvitae.html//>
5. <http://www.cvtips.com//>

QUESTION PAPER PATTERN

TIME – 3 HRS

MAXIMUM MARKS – 50

PART – A (5X2=10)

Answer any FIVE from the questions given below from Q.No.1 to Q.No.7 (5 out of 7)

PART – B (4X5=20)

Answer any FOUR from the questions given below from Q.No.8 to Q.No.13 (4 out of 6)

PART – C (2X10=20)

Answer TWO questions only choosing one each from Q.No.14 &Q.No.15 (Internal Choice)

PART IV: ENVIRONMENTAL STUDIES (Applicable to III & IV Semesters)

(FOR UNDER GRADUATE COURSES OF ALL BRANCHES)

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-III	CREDITS-2	NO. OF HOURS PER WEEK-2

COURSE OBJECTIVE

The course will empower the undergraduate students by helping them to:

- i. Gain in-depth knowledge on natural processes that sustain life, and govern economy.
- ii. Predict the consequences of human actions on the web of life, global economy and quality of human life.

UNIT-1: The Multidisciplinary nature of environmental studies Definition; Scope and importance, Need for public awareness.

UNIT-2: Natural Resources: Renewable and non-renewable resources: Natural resources and associated problems.

- a) Forest resources: Use and Over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forests and tribal people.
- b) Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams benefits and problems.
- c) Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies.
- d) Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.
- e) Energy resources: Growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources, Case studies.
- f) Land resources: Land as a resource, land degradation, man induced landslides, soil erosion and desertification. - Role of an individual in conservation of natural resources. - Equitable use of resources for sustainable lifestyles.

UNIT-3: Ecosystems - Concept of an ecosystem. - Structure and function of an ecosystem. - Producers, consumers and decomposers. - Energy flow in the ecosystem.

- Ecological succession. - Food chains, food webs and ecological pyramids. - Introduction, types, characteristic features, structure and function of the following ecosystem: -

- a. Forest ecosystem
- b. Grassland ecosystem
- c. Desert ecosystem
- d. Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)

UNIT-4: Biodiversity and its Conservation

- Introduction-Definition: genetic, species and ecosystem diversity.
- Biogeographical classification of India.
- Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values.
- Biodiversity at global, National and local levels.
- India as a mega-diversity nation.

- Hot-spots of biodiversity.
- Threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts.
- Endangered and endemic species of India.
- Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity.

UNIT-5: Environmental Pollution: Definition - Causes, effects and control measures of: -

- a) Air pollution
 - b) Water pollution
 - c) Soil pollution
 - d) Marine pollution
 - e) Noise pollution
 - f) Thermal pollution
 - g) Nuclear hazards
- Solid waste Management: Causes, effects and control measures of urban and industrial wastes.
 - Role of an individual in prevention of pollution. - Pollution case studies.
 - Disaster management: floods, earthquake, cyclone and landslides.

REFERENCE BOOKS

1. “ Introduction to Environmental Engineering and Science” by Gilbert M Masters. ...
2. “ The Biodiversity of India” by Bharucha Erach.
3. ...Essentials of Ecology” by Townsend C and Michael Begon. ...

CORE PAPER-VII: MILITARY GEOGRAPHY & GEO – POLITICS

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-IV	CREDITS-4	NO. OF HOURS PER WEEK-5

Objectives: -

To enable the student to understand the influence of Geography on the nature and function of war. Geography has had great influence on the scope and outcome of several decisive battles across the globe. Geography is the fundamental determinant of the national power and decides on the politico-strategic structure of the states.

Unit I: INTRODUCTION

- (a) Fundamentals of military geography (Accessibility, Visibility, Location, Distance, Climate etc.,)
- (b) Role and Importance of Geo – Politics
- (c) Geographic components of National Power.

Unit II: GEO – POLITICAL THOUGHT

- (a) Theories of Mackinder
- (b) Haushofer
- (c) A.T. Mahan.

Unit III: APPLIED MILITARY GEOGRAPHY

- (a) Basics of Global Positioning System (GPS),
- (b) Global Information System (GIS)
- (c) Remote sensing
- (d) Map reading-scale, relief and representation

Unit IV: GEO – STRATEGIC SIGNIFICANCE OF INDIA

- (a) Geographical Location
- (b) Natural resources, Land mass, Rivers, Minerals & Oil
- (c) Importance of Andaman, Nicobar and Lakshadweep Islands

Unit V : INDIA'S BORDERS

- (a) Nature and characteristics of land borders
- (b) Maritime boundaries
- (c) Concept of Territorial waters
- (d) Exclusive Economic Zone.

References: -

- 1) Das, S.T., Geo-Strategies, Allahabad: Kitab Mahal, 1985.
- 2) Black, Jeremy, Cambridge Illustrated Atlas, Warfare, Renaissance to Revolution: 1492-1792, (Cambridge: Cambridge University Press, 1996).
- 3) Chandler, David G., Atlas of Military Strategy: The Art, Theory and Practice of War, 1618-1878, (1980 reprint, London: Arms and Armour, 1996)
- 4) William D Puleston, The Life and Work of Alfred Thayer Mahan, U.N.S. (New Haven, CT,1939) 5) Earl Meade, Edward, Makers of Modern Strategy: Military Thought from Machiavelli to Hitler,1948.

CORE PAPER-VIII: INTERNATIONAL ORGANIZATIONS

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-IV	CREDITS-4	NO. OF HOURS PER WEEK-5

Objectives:

In the contemporary world the survival of mankind is conditioned by the facts of war and peace. The conditions of war and peace are influenced by various actors, viz., State, non-state and international organizations. This paper introduces the students to all these factors.

Unit I: INTRODUCTION

- (a) Evolution of International Organisation and Regional Organisation
- (b) Characteristics
- (c) Overview of related theories
- (d) Significance of International and Regional Organisations

Unit II: LEAGUE OF NATIONS AND UN SYSTEM

- (a) Principles
- (b) Powers and Structures.

Unit III: REGIONAL ORGANISATION

- (a) Objectives
- (b) Functioning and Evaluation of SAARC, ASEAN and Asian Regional Forum (ARF), League of Arab States, Shanghai cooperation organisation.

Unit IV: (a) Salient Features of European Union (EU) (b) Organisation for Security Cooperation in Europe (OSCE) (c)

Unit V: Fundamentals of Organisation of African Unity (OAU) Commonwealth of Independent States (CIS), Organisation of Islamic Conference (OIC), and Organisation of American States (OAS) BRICS, Asia-Pacific Economic Forum

References: -

- 1) Palmer, N.D. and H.C.Perkins, International Relations, Boston: Houghton Mifflin, 1953.
- 2) Jackson, R. and G.Sorensen, Introduction to International Relations: Theory and Approaches, Oxford: Oxford University Press, 2003.
- 3) Frankel, J., International Relations in a Changing World, London: Oxford University Press, 1977.
- 4) Nicholson, M., International Relations: A Concise Introduction, New York: Palgrave, 2002.
- 5) Chatterjee, Aneek. International Relations Today: Concept and Applications, New Delhi: Pearson, 2010.
- 6) Johari, J.C., International Relations and Politics, New Delhi: Sterling Publishers, 1985.

ALLIED PAPER-IV: PRINCIPLES OF ECONOMICS – II

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-IV	CREDITS-5	NO. OF HOURS PER WEEK-6

Course Objective:

- To familiarize the students with the models in economic development.
- To provide the knowledge of various issues in economic development. And to impart the knowledge regarding planning techniques and role of Government

Unit I: NATIONAL INCOME

Meaning of National Income – Concepts of National Income – Difficulties in the Measurement of National Income

Unit II: PLANNING AND ECONOMIC DEVELOPMENT

Objectives of Economic planning – Mixed Economy and Economic planning – PURA-A new Gandhian approach to development

Unit III: PUBLIC FINANCE

Government Budgets – Direct and Indirect taxes – Government Expenditure – Meaning of Deficit Financing- Functions of Financial Commission

Unit IV: INTERNATIONAL TRADE

Theories of International Trade – Comparative Cost theory, Balance of trade and balance of payments: Disequilibrium corrective methods- WTO-Trade Blocks: Meaning, EU, NAFTA and ASEAN

Unit V: INTERNATIONAL MONETARY SYSTEM

Functions of IMF and IBRD, the EURO, Meaning of Foreign Exchange- Purchasing Power Parity Theory - FEMA

References

1. Ahuja H. L – Principles Of Microeconomics
2. Ahuja H. L – Macro Economics, Theory & Policy
3. Rudder Dutt, Sundharam, K. P. M. – Indian Economy
4. Francis Cherunilam, International Business
5. Seth, M. L. MACRO ECONOMICS
6. Singh S. K, Public Finance in theory and practice
7. Sawyer, Sprinkle, International Economics

DEPARTMENT OF COMPUTING SKILLS

SOFT SKILLS IV – COMPUTING SKILLS

SUBJECT CODE:	PRACTICAL	MARKS :100
SEMESTER : IV	CREDIT :2	NO.OF.HOURS PER WEEK :

(For the following UG Departments)

SHIFT –I:

B.A. (Economics), B.A. (Defence and Strategic Studies), B.Sc. Mathematics, B.Sc. Physics, B.Sc. Chemistry, B.Sc. Zoology, B.Sc. Plant Biology and Plant Biotechnology, B.Com (General), B.Com (Corporate Secretaryship)

SHIFT –II:

BBA, B.Sc. Visual Communication, B.Com (General), B.Com (Accounting & Finance), B.Com (Corporate Secretaryship), B.Com (Information System Management), B.Com (Banking Management) and B.Com (Marketing Management)

COURSE OBJECTIVES

- The major objective in introducing the Computer Skills course is to impart training for students in Microsoft Office which has different components like Ms word, MS Excel, Ms Access, Power point etc., at two levels based on their knowledge and exposure.
- It provides essential skills for the user to get adapted to any work environment, as most of the systems in any workplace have Ms Office installed for their day to day activities. The course is highly practice oriented rather than regular class room teaching

UNIT I : *Word Processing* – Open, Save and close word document; Editing text- tools, formatting, bullets; Spell Checker; Navigating in word – keyword, Mouse; document formatting- paragraph alignment, indentation, headers and footers, numbering; printing- preview, options

UNIT II : *Spreadsheets* – MS Excel – opening, entering text and data, formatting, navigating; Formulas – entering, handling and copying; Charts –creating, formatting and printing, header and footer, centering data, printing.

UNIT III: *Presentations* – Power point – exploring, creating and editing slides, inserting tables and charts – Special effects – Clip Art, creating and drawing shapes, inserting multimedia content – Presentations – planning, animation, handouts, slideshow.

UNIT VI : *Networks* – Internet Explorer- components; www – working, browsing, searching, saving – Bookmark – favorite, create, delete – Printing a web page; email- creating, receiving, reading and sending messages

UNIT V: *HTML* – Defining HTML paragraph and spacing – HTML styles, that include Background color – Text color - Text Fonts – Text that includes Bold, Italic, Underline, Superscript and Subscript.

Note: *Unit II to Unit V needs exposure thru Practicals*

REFERENCE BOOKS:

1. Introduction to Computers – Peter Norton, Tata McGraw Hill Microsoft 2003 – Jennifer Ackerman Kettell, Guy Hat-Davis, Curt Simmons, Tata McGraw Hill

CORE PAPER IX – NATIONAL SECURITY OF INDIA

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-V	CREDITS-4	NO. OF HOURS PER WEEK-6

Objectives:

This paper encompasses all aspects of National Security of India - its national values, interests, objectives, foreign policy and nature of threats both internal and external

Unit I : INTRODUCTION

- (a) Geo-political setting of India-(1) land frontiers (2) Sea borders

Unit II: INTERNAL SECURITY THREATS

- (a) Poverty and Communal harmony
- (b) Corruption
- (c) Insurgency in North East.
- (d) Drug Abuse

Unit III: ISSUES WITH PAKISTAN

- (a) Jammu and Kashmir
- (b) Siachen
- (c) Sir Creek Island
- (d) Wuller Barrage
- (e) Terrorism.

Unit IV: ISSUES WITH CHINA

- (a) Boundary dispute
- (b) Misperceptions on Tibet
- (c) Mutual Rivalry for Regional and Global Dominance
- (d) String of Pearls

Unit V: INDIAN OCEAN

- (a) Strategic significance
- (b) India's interests Power rivalry (militarization)

References: -

- 1) Ajey Lele, Strategic Technology for the Military, New Delhi: Sage, 2009.
- 2) Gopalakrishnan, K.V., Impact of Science and Technology on Warfare, New Delhi: National Book Trust, 2003.
- 3) Buzon, Barry. An Introduction to Strategic Studies: Military Technology and International Relations, New York: St.Martin Press,1987.
- 4) Kelin, John. Space Warfare: Strategy, Principles and Policy' London: Routledge, 2006.
- 5) Nair, K.K., Space the Frontier of Modern Defence, New Delhi: Knowledge World, 2006.
- 6) Pruthi, R.K.(ed)., Robotic Warfare, Delhi: Prashant Publishing House,2009.
- 7) Rappert, Brain (ed)., Technology and Security: Governing Threats in the New Millennium, New York: Hampshire, Palgrave Macmillan, 2007.

CORE PAPER-X: SPECIALIZED WARFARE

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-V	CREDITS-4	NO. OF HOURS PER WEEK-6

Objectives:

After completing the paper the students will understand the types of war prevalent in the world. This paper describes the various types of warfare that are taught in the world. To understand the different types of war waged by nations at large.

Unit – I: PSYCHOLOGICAL WARFARE

- a) Definition and nature of Psychological Warfare
- b) Types of Propaganda
- c) Brain washing and Rumour—Nature, Techniques and its Effects

Unit – II: BIOLOGICAL AND CHEMICAL WARFARE

- a) Concept and objectives
- b) Characteristics
- c) Types of Agents and its effects

Unit – III: GUERILLA WARFARE

- a) Concept and objectives
- b) Characteristics of Guerilla Warfare
- c) Elementary knowledge of Insurgency and Counter Insurgency

Unit – IV: NUCLEAR WARFARE

- a) Concept and origin of Nuclear Warfare
- b) Development of Nuclear Weapons
- c) Effects of Nuclear Explosion- Flash, Thermal Radiation, Nuclear Radiation

Unit – V: HYBRID WARFARE

- a) Definition
- b) Causes
- c) Types and Techniques

References: -

- 1) Philip M. Taylor, Munitons of the Mind: War Propaganda from the Ancient World to the Nuclear Age, (Wellingborough, 1990)
- 2) Qualter, T.H., Propaganda and Psychological Warfare, (New York, 1962)
- 3) SIPRI, The Problem of Chemical and Biological Warfare (4 Vols, New York, 1971)
- 4) Brown, F.J., Chemical Warfare : A Study in Restraint, (Princeton,1968)
- 5) Walter Laqueur, Guerilla, (London,1977)
- 6) Fairbairn, G., Revolutionary Guerilla Warfare (Harmondsworth,1974)
- 7) Asprey, R.B., War in the Shadows (London,1975)
- 8) Lawrence Freeman, The Evolution of Nuclear Strategy (London,1981)

Web Sites

1. <http://www.cliffsnotes.com/cliffsnotes/history/what-is-guerrilla-warfare>
2. <http://www.britannica.com/EBchecked/topic/248353/guerrilla-warfare>
3. <http://www.opcw.org/about-chemical-weapons/what-is-a-chemical-weapon/>

**CORE PAPER-XI: BASICS OF DEFENCE ECONOMICS AND DEFENCE
MANAGEMENT**

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-V	CREDITS-4	NO. OF HOURS PER WEEK-6

Objectives:

Economic imperatives are the vital factors in all activities of mankind to gauge its success. This applies to the study of defence sector of a country in its endeavor to meet its security needs. Knowledge about budgeting, defence allocation, resource augmentation, indigenization etc., are essential to understand the functioning of the defence sector of the state. A clear insight into the principles and concepts of management, those are imperative in comprehending defence management It is imperative for the practicing managers and the officers in the armed forces to get acquainted with the essentials of management

Unit I: INTRODUCTION

- (a) Definition of Economics and Defence Economics
- (b) Economic System: kinds, features, merits and demerits.

Unit II: Defence Budget:

- (a) Concepts of Finance, Revenue, Expenditure, process of Budget, National Income and Gross National Product
- (b) Analysis of India's Defence Budget.

Unit III: EFFECTS OF WAR ON ECONOMY

- (a) Inflation
- (b) Balance of Payments
- (c) Mobilization of Resources.

Unit IV: INTRODUCTION TO MANAGEMENT

- (a) Definition of administration and management
- (b) Principles and process of defence management.
- (c) Planning-(a) Definition and features
 - (b) Steps in planning (c) Management by objectives (d) Decision Making process and techniques.

Unit V : DEFENCE PRODUCTION:

- (a) Assessment of Defence requirements
- (b) Role of Ordnance Factories and Public and Private sector Undertakings
- (c) Contribution of DRDO.

References: -

1. The Economics of Defence, Keith Hartley and Todd Sandler, Cambridge Surveys of Economic Literature
2. Economic Theories of Peace and War, Fanny Coulomb, Routledge
3. From Defence to Development? International Perspectives on Realizing the Peace Dividend, Sean M. DiGiovanna, Ann Markusen, Routledge.

4. Defence Production in India, Ron Mathews New Delhi: ABC,
5. Jasjit Singh, India's Defence Spending: Assessing Future Needs, New Delhi: Knowledge Publishers.
6. Y. Lakshmi, Trends in India's Defence Expenditure, New Delhi: ABC.

Web Sites

1. <http://www.britannica.com/EBchecked/topic/155696/defense-economics>
2. <file:///C:/Users/defence/Downloads/1-Keith%20Hartley.pdf>
3. <http://ofbindia.gov.in/index.php?wh=ourunits>
4. <http://www.economicshelp.org/blog/2180/economics/economic-impact-of-war>

CORE PAPER-XII: COMPREHENSIVE SECURITY

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-V	CREDITS-4	NO. OF HOURS PER WEEK-5

Objectives:

Comprehensive security is an approach that goes beyond the traditional realist state-centric and military approach and includes various subjects including human, economic and environmental dimensions as well as a subjective feeling of security or insecurity of individuals,

Unit I: INTRODUCTION

- (a) Meaning, Concept
- (b) Types of Security

Unit II: ENVIRONMENTAL SECURITY

- (a) Meaning, Concept, Pollution, Types, Effects, Climate, Water Security measures taken

Unit III: HEALTH SECURITY

- (a) Meaning
- (b) Definition Epidemic, Pandemic, Food Security

Unit IV: ENERGY SECURITY

- (a) Meaning
- (b) Definition
- (c) Types, Coal, Oil, Natural Gas, Nuclear.

Unit V : INDUSTRIAL SECURITY

- (a) Meaning, importance, types and scope

References:

1. Beebe, Shannon D. and Mary Kaldor, *The Ultimate Weapon Is No Weapon: Human Security and the New Rules of War and Peace*, Perseus Books Group, New York, 2010.
2. Edwards, Alice and Carla Ferstman, *Human Security and Non-Citizens: Law, Policy and International Affairs*, *Human Security and Non-Citizens: Law, Policy and International Affairs*, Cambridge University Press, New York, 2010.
3. Wellman, James K., Clark Benner Lombardi, *Religion and Human Security: A Global Perspective*, Oxford University Press, 2012.
4. Li, Menggang, *Research on Industrial Security Theory*, Springer-Verlag Berlin Heidelberg, 2013.

ELECTIVE – I: FUNDAMENTALS OF JOURNALISM

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-V	CREDITS-5	NO. OF HOURS PER WEEK-5

Objectives:

Defence journalism, though very much a part of modern day journalism, has practically very little literature for reference. There is an urgent need to understand essential information, facts, sources, and the qualities required to become a successful defence journalist. Also, provide knowledge on how to be a responsible Defence Journalist. Depending on the branch of service and specific Military Occupational Specialty, military journalists learn to do a surprising variety of jobs.

Unit I: Introduction Journalism:

- (a) Meaning, relevance and scope
- (b) News Organization Structure and functioning
- (c) Media: concept, kind and characteristics.

Unit II: Defence News:

- (a) Purpose and meaning
- (b) Kinds and sources
- (c) Theories of news selection.

Unit III: Reporting Defence Stories:

- (a) Format, Language and Grammar
- (b) Kinds: Eye Witness, Computer assisted Features
- (c) Concepts of Graphics and animation
- (d) Interviewing skills.

Unit IV: Editing:

- (a) Abbreviations and definition of military terms
- (b) Proof – reading symbols
- (c) Caption writing and picture editing.

Unit V: Hurdles in Defence writing:

- (a) Media Ethics
- (b) Media Laws
- (c) Military vs Media debate
- (d) News Photography.

References: -

- 1) Menon, P.K., Practical Journalism, Jaipur : Aavishkar Publishers & Distributors, 2005.
- 2) Dhara,R., Journalism, Calcutta : Industry Publishers,1945.
- 3) Basu, R.N., Handbook of Journalism, Jaipur: Pointer Publishers, 2005.
- 4) Kamath,M.V., The Journalist's Handbook, New Delhi : Vikas,1980.
- 5) Professional Journalism, New Delhi: Vikas, 1983.

Web Sites

1. <https://handbook.monash.edu/2020/units/ATS1089>
2. <https://owlcation.com/academia/JournalismBasics>
3. <http://www.poynter.org/how-tos/journalism-education/190429/in-defense-of-journalism-education-the-3-essentials-it-teaches/>

VALUE EDUCATION

SUBJECT CODE:	THEORY	MARKS: 100
SEMESTER: V	CREDITS: 2	NO.OF HOURS PER WEEK: 2

COURSE OBJECTIVE:

To teach and inculcate the importance of value based living. To give students a deeper understanding about the purpose of life. To teach and inculcate the essential qualities to become a good leader.

Unit 1: Education and Values

Definition, Concept, Classification, Theory, Criteria and Sources of values Aims and objectives of value education

Role and Need for value education in the contemporary society, Role of education in transformation of values in society

Role of parents, teachers, society, peer group and mass media in fostering values

Unit 2: Value Education and Personal Development

Human Values: Truthfulness, Sacrifice, Sincerity, Self-Control, Altruism, Scientific Vision, relevancy of human values to good life. Character Formation towards Positive Personality Modern challenges of adolescents: emotions and behavior Self-analysis and introspection: sensitization towards gender equality, differently abled, Respect for - age, experience, maturity, family members, neighbors, strangers, etc.

Unit 3: Human Rights and Marginalized People

Concept of Human Rights – Principles of human rights – human rights and Indian constitution – Rights of Women and children – violence against women – Rights of marginalized People – like women, children, minorities, transgender, differently abled etc Social Issues and Communal Harmony Social issues – causes and magnitude - alcoholism, drug addiction, poverty, unemployment – communal harmony –concept –religion and its place in public domain –secular civil society

Unit4: Value Education towards National and Global Development

Constitutional Values:(Sovereign, Democracy, Socialism, Secularism, Equality, Justice, Liberty, Freedom, Fraternity)

Social Values: (Pity and Probity, Self-Control, Universal Brotherhood).

Professional Values:(Knowledge Thirst, Sincerity in Profession, Regularity, Punctuality, Faith).

Religious and Moral Values: (Tolerance, Wisdom, character).

Aesthetic Values: (Love and Appreciation of literature, fine arts)

Environmental Ethical Values

National Integration and international understanding.

Need of Humanistic value for espousing peace in society. Conflict of cross-cultural influences, cross-border education

Unit 5:

Guru Nanak Devji's Teachings

Relevance of Guru Nanak Devji's teachings' relevance to Modern Society

The Guru Granth sahib

The five Ks

Values and beliefs

Rights and freedom (Right of equality, Right to Education, Right to Justice, Rights of women, Freedom of religion, Freedom of culture, Freedom of assembly, Freedom of speech)

Empowerment of women

Concept of Langar

Eminent Sikh personalities

REFERENCE BOOKS:

1. Dr.AbdulKalam. *My Journey-Transforming Dreams into Actions*. Rupa Publications, 2013.
2. Steven R Covey, *8th Habit of Effective People (From Effectiveness to Greatness)*, Free Press, NewYork, 2005. Prem Singh, G.J. (2004). 'Towards Value Based Education', University News. Vol. 42 (45): P.11-12.
3. V.R. Krishna Iyer.*Dialectics & Dynamics of Human Rights in India (Tagore Law Lectures) The Yesterday, Today and Tomorrow*, Eastern Law House (1999, Reprint 2018)
<http://www.ncert.nic.in/rightside/links/pdf/framework/english/nf2005.pdf>

CORE PAPER-XIII: INTERNATIONAL LAW

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-VI	CREDITS-4	NO. OF HOURS PER WEEK-6

Objectives:

This paper aims at introducing to the student different aspects of International Law. The laws which govern the conduct of war, Laws of neutrality and the organization of the International court of Justice are covered in this paper.

Unit I INTRODUCTION:

- (a) Definition, Basis of international Law, History and its development
- (b) Nature, Source and Codification
- (c) Distinction between International and Municipal laws

Unit II LAWS OF LAND, SEA AND AIR WARFARE

- (a) Laws of Land Warfare
- (b) Laws of Maritime Warfare
- (c) Laws of Aerial Warfare
- (d) War Crimes and Genocide

Unit III LAWS OF NEUTRALITY

- (a) The laws of Neutrality
- (b) Right of Angary
- (c) Contraband and Doctrine of Continuous Voyage

Unit IV MANAGEMENT OF INTERNATIONAL LAW

- (a) Settlement of International Disputes
- (b) War its Legal Character and Effects
- (c) Enemy Character

Unit - V LEGAL MECHANISMS

- (a) Blockade - Concept, Establishment, Kinds and Penalties for breach
- (b) Prize Courts
- (c) Organization, role and functions of the International Court of Justice.

References:

- 1) Tandon, M.P, and Rajesh Tandon, An Introduction of International Law, Allahabad: Allahabad Law Agency, 1987.
- 2) Kapoor, S.K., International Law, Allahabad; Allahabad Law Agency, 1989.
- 3) Chavan, R.S., An Approach to International Law, New Delhi: Sterling, 1971.
- 4) Starke, J., An Introduction to International Law.
- 5) Oppenheim, International Law.

Web Sites

1. [https://www.google.co.in/webhp?sourceid=chrome-instant&ion=1&espv=2&ie=UTF-8#safe=active&q=international law](https://www.google.co.in/webhp?sourceid=chrome-instant&ion=1&espv=2&ie=UTF-8#safe=active&q=international+law)
2. http://www.loc.gov/rr/frd/Military_Law/pdf/law_warfare-1956.pdf
3. <https://www.icrc.org/eng/resources/documents/misc/57jpcl.htm>
4. http://www.geneva-academy.ch/docs/academyLecture/Lecture_Heinegg.pdf
5. <http://dictionary.reference.com/browse/blockade>

CORE PAPER-XIV: POST INDEPENDENT WARS OF INDIA

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-VI	CREDITS-4	NO. OF HOURS PER WEEK-6

Objectives:

The course of Political and strategic dynamics in Indian sub-continent becomes essential to appreciate the series of wars India encountered with her neighbouring states

Unit I: INTRODUCTION

- (a) Partition of British Indian Army
- (b) Early Challenges: Annexation of Junagadh – 1947.
- (c) Operations Polo (Integration of Hyderabad 1948),
- (d) Operation Vijay (Integration of Goa 1961).

Unit II: OPERATION IN KASHMIR – 1947 – 48

- (a) Events leading to annexation
- (b) Operations of Indian Army
- (c) Military lessons.

Unit III: CHINESE INVASION OF INDIA – 1962

- (a) Causes of War
- (b) Important Operations of War
- (c) Military Re – organization.
- (d) 1967 India-China Chola incident

Unit IV: INDO – PAKISTAN WAR OF 1965

- (a) Outline of the Operations,
- (b) Role of Artillery
- (c) Operation Gibraltar
- (d) Liberation of East Pakistan 1971- Origin and Causes of War.

Unit V : INTERNAL SECURITY OPERATIONS:

- (a) Operation Blue Star – 1984
- (b) Operation Rhino (Northeast Region)
- (c) Operation Vijay (1999-Kargil War).

References:

1. Sinha Lt. Gen - Slender was the Thread
2. Johari, Sitaram - Chinese invasion of NEFA
3. Mankekar D.R - Pakistan Cut to size
4. Subramaniam. K. - Liberation War
5. Subramaniam. K - Kargil Report.

Web Sites

1. <https://history.state.gov/milestones/1961-1968/india-pakistan-war>
2. <https://www.rhinoalive.com/wp-content/uploads/2017/03/Rhino-crisis-overview.pdf>
3. http://www.globalsecurity.org/military/world/war/indo-pak_1971.htm
4. <https://defproac.com/?p=3972>
5. https://link.springer.com/chapter/10.1057/9781403983138_6

CORE PAPER-XV: DISARMAMENT AND ARMS CONTROL

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-I	CREDITS-4	NO. OF HOURS PER WEEK-6

Objectives:

Disarmament efforts from the formation of nation state system is attempted in this paper which gained momentum after the Second World War and also Arms control measures are applied to Nuclear states which is being appraised in this paper.

Unit I: Introduction

- (a) The evolution of the nuclear era since 1945
- (b) Basics of nuclear technology, nuclear energy and its uses.

Unit II: Development of Missiles

- (a) Classifications and characteristics,
- (b) Brief study of the theories of nuclear warfare: Preventive, Pre-emptive, Massive Retaliation, Counter Force, Counter Value, Flexible Response, MAD and MAS.

Unit III: Elementary Study of Treaties:

- (a) Nuclear – weapon Treaties, (PTBT, TTBT, PNET & CTBT)
- (b) Nuclear Arms Limitation Treaties (ABM, SALT, INF and START)
- (c) Nuclear – Weapon proliferation Treaties (NPT, MTCR) FMCT, NSG and its impact on Indo-US Agreement

Unit IV: Conventions

- (a) Chemical and Biological Weapons
- (b) Prevention of Accidental Wars

Unit V : India's contribution in the process of arms control.

References: -

- 1) Cochran, Thomas, Arkin, William, and Hoenig, William, Nuclear Weapons Databook (5 vols., Cambridge, Mss, 1984).
- 2) Glasstone, S., and Dolan, P.J., The Effects of Nuclear Weapons (Washington, 1977).
- 3) Grace, Charles, Nuclear Weapons: Principles, Effects and Survivability (London, 1994).
- 4) Brodie, Bernard, Strategy in the Missile Age (Princeton, 1959).
- 5) Lee, R.G., Guided Weapons (London, 1988).

Web Sites

1. <https://www.armscontrol.org/act/2010-09/nuclear-arms-control-india-relationship-explored>
2. <http://www.britannica.com/EBchecked/topic/421797/nuclear-strategy>
3. <https://fas.org/sgp/crs/nuke/RL33865.pdf>
4. <https://fas.org/nuke/control/index.html>
5. <https://www.un.org/disarmament/wmd/chemical/>

ELECTIVE-II: LIMITED WARS

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-VI	CREDITS-5	NO. OF HOURS PER WEEK-6

Objectives:

After going through this paper students will have an understanding of wars that were fought after the end of World War – II . This paper deals with the evolution of limited wars after the end of World War – II. To make the students learn about some of the important wars that were fought after 1945.

Unit – 1: KOREAN WAR

- a) Concept, meaning and scope of limited wars
- b) Causes of Korean War
- c) Main events
- d) Role of UNO

Unit – 2: VIETNAM WAR-1956

- a) Causes
- b) Main events
- c) Lessons learnt

Unit – 3: ARAB ISRAELI WARS (1948, 1956, 1967 & 1973)

- a) Causes
- b) Main events
- c) Role of Air power
- d) Lessons learnt

Unit – 4: IRAN – IRAQ WAR (1980-1988)

- a) Causes
- b) Highlights of the war
- c) Result and lessons learnt

Unit – 5: GULF OF WAR (1991, 2003)

- a) Causes
- b) Highlights of the war
- c) Role of the UN

References:

- 1) Hastings, Max, The Korean War, (London: 1987)
- 2) Herring, George, America's Longest War (New York, 1996)
- 3) Fraser, T.G., The Arab - Israeli Conflict (London: 1995)
- 4) Agwani, M.S., The West Asian Crisis, New Delhi: 1995.
- 5) Colvocoressi, P., World Politics: 1954 - 2000, New Delhi: Pearson Education,2001.
- 6) Schoot, Ian., World Famous Battles , London : Magpie Books Ltd., 1994.

Web Sites

1. https://www.indiastrategic.in/topstories1368_limited_wars_in_the.htm
2. <https://www.pbs.org/wgbh/americanexperience/features/bomb-korean-war/>
3. <https://tnsr.org/2021/02/the-gulf-wars-afterlife-dilemmas-missed-opportunities-and-the-post-cold-war-order-undone/>
4. <http://sites.austincc.edu/caddis/vietnam-wars/>
5. <https://www.history.com/topics/middle-east/iran-iraq-war>

ELECTIVE-III: INTRODUCTION TO STUDENTS' SUPPORT SERVICES

SUBJECT CODE	THEORY	MARKS 100
SEMESTER-VI	CREDITS-5	NO. OF HOURS PER WEEK-6

Objectives:

This paper is designed to provide a challenging, yet rewarding, life experience. It is the goal of Student Support Services to assist the students within our program, in achieving their educational goals and to enhance their college experiences.

Unit-I: INTRODUCTION

Aim, Motto, Nature, Organizational Structure of NCC, NSS and YRC

Unit- II: PLACEMENTS

NCC, Recruitment in Army, Navy and Air Force- Certificate Examination in NCC, NSS Honors and Awards

Unit –III: HEALTH AND HYGIENE

Structure and Functions of Human Body, Hygiene and Sanitation, Preventable Diseases, First Aid, Yoga: Introductions and Postures, Physical and mental health, Fractures: Types and Treatments

Unit –IV: LEADERSHIP

Meaning, Traits, Types, Discipline & Duty of an Indian Citizen, Code of Ethics, Importance of Teamwork

Unit-V: SOCIAL SERVICE ACTIVITIES

Basics of Social Service- Weaker Sections in the Society and its Identification, Social Evils, NGOs (Road Safety India-RSI), International Society of Security Professionals (ISSP) and their role and contribution.

References:

1. <https://indiancc.nic.in/red-book/>
2. Jain, Amit & Rathi, Dr. (2016). National Service Scheme: A Youth Volunteers Programme.
3. Sax H, et al. 'My five moments for hand hygiene': a user-centred design approach to understand, train, monitor and report hand hygiene. Journal of Hospital Infection. 2007
4. Amey, M., 2006. Leadership in Higher Education. Change: The Magazine of Higher Learning.