



Veer Bahadur Singh Purvanchal University, Jaunpur U.P.

Template for designing the Syllabus of Pre-Ph.D. course work

As per NEP-2020 guidelines

With effective from **academic session 2022-23**

[BoS shall decide POs, PSOs, and COs, and their mapping, the course code (for example C010506T: Commerce/Commerce/Fifth semester/ 6th paper/ Research Project), subject, course title, no of lecture hours as per the content in each unit, suggested readings etc.....as per the NEP-2020. For university faculty codes, subject codes in each faculty, a list is also attached as annexure 1.]

Subject prerequisites: To study the subject **M.A./M.Sc Defence & Strategic Studies**

Programme outcomes (POs):

PO1: The Students able to understand the basic concept and Principles of Research Methodology in Defence and Strategic Studies and Security related Issus.

PO2: Students learn Research Methodology in Defence and Strategic Studies and Security related Issus.

Programme specific outcomes (PSOs):.....

PSO1: The Students will be able to understand the Contemporary Issues and understand the International strategic Relations.

PSO2: The Students will be able to understand the Regional Strategic Relations.

PSO3: Students learn Research Methodology in Defence and Strategic Studies and Security related Issus.

List of all papers of Pre-Ph.D. course work or Post graduate diploma in Research (PGDR)

Year	Sem	Course Code	Course Title	Theory/ Research	Credit	Max. Marks
6	XI	Decide as per NEP -2020	Core subject : Contemporary Issues, paper- 1	Theory	6	100 [25(CIE)+75(UE)]
		Decide as per NEP -2020	Core subject : India and Neighborhood, Threat, Security Issues, paper- 2	Theory	6	100 [25(CIE)+75(UE)]
		Decide as per NEP -2020	Research Methodology, Research Publication Ethics and Computer Applications	Theory	4	100 [25(CIE)+75(UE)]
		Decide as per NEP -2020	Research Project	Research	-	100 [25(CIE)+75(UE)]

Credit system:

- A four (4) credit theory course/paper will have four Lectures/periods (of one hour) in a week. In one full semester the course will be covered in 60 Lectures.
- Similarly, a six (6) credit theory course/paper will have six Lectures/periods (of one hour) in a week. In one full semester the course will be covered in 90 Lectures.

Continuous Internal Evaluation (CIE) of 25 marks:

- Continuous internal evaluation will be performed by the teacher/ course coordinator concerned.
- CIE shall be 25% of total assessment in a Theory paper and research project.
- 25 marks shall be distributed as 5 marks for attendance, 5 marks for presentation and assignment and remaining 15 marks for class test.

Marking system:

- All papers will have a total maximum mark of 100, including both CIE and University Examination (UE). Maximum marks of 25 will be allotted to CIE and 75 to UE in a theory paper/ research project.
- The CIE of the research project shall be evaluated by the research supervisor and co-supervisor (if any).
- 75 marks of **research project** shall be distributed as 50 marks (project work and presentation) and a viva voce of 25 marks.
- The evaluation (Max Marks 75 UE) of the research project shall be done by internal examiner/s (Supervisor and Co-supervisor (if any)) and one external examiner appointed by the University.

Research Project Submission:

- The evaluated research project report in two sets of hard copy (spiral binding) must be prepared. One copy of it shall be submitted to the university if it demands. A second copy of the evaluated research project report must be in the records of the college/research centre.
- The format of university Ph.D. thesis writing guidelines can be used as format of Research project writing guidelines.

Programme: Post graduate diploma in Research (PGDR)	Year: six (6)	Semester: XI
Subject: Defence and Strategic Studies (Military Science)		
Course Code: A121101T	Course Title: Contemporary Issues paper-1	
Course Outcomes (COs)		
CO1: The Student will be able to understand the Contemporary Issues and understand the International strategic Relations.		
CO2: The Student will be able to understand the Regional Strategic Relations.		
Credits: 6	Core Compulsory	
Max. Marks: 25 (CIE) + 75(UE)	Min. Passing marks: 55	
Total number of lectures: Lectures-Tutorial-Practical (6 hours in a week) L-T-P: 6-0-0 (90 hr#)		
Unit	Topics	No. of Lecture Hrs.
I	(1) Indo - US Relation and Strategic Cooperation. (2) Indo - Russian Relationship & Strategic Cooperation.	15
II	(1) Indo - Africa Economic Cooperation. (2) Russian Intervention in Afganistan .	15
III	(1) Growing influence of the US, the USSR and China: Its implications for India. (2) Strategic Environment in South Asia South - East Asia Pacific Ocean, Indo-Pacific.	15
IV	(1) Conflict and cooperation among SAARC Nations (2) ASEAN BMST - EC , APE , GCC , IOR - ARC and NAM .	18
V	(1) South - West Asia , Central Asia , (2) North - East Asia and North - West Asia.	15
VI	(1) Growing influence of the US, the USSR and China: Its implications for India. (2) Crisis in Afganistan and US Intervention against International Terrorism, GWOT.	12

One credit is equivalent to 15 lecture hours as per NEP norms in theory classes. Number of hours in each unit 15 hours may vary as per the content of the unit.

Suggested Readings:

- | | | |
|-----|--|---|
| 1- | Aron,R. | War and Peace |
| 2- | Wright, Q. | A Study of War |
| 3 | Frankel, J. | International Relations |
| 4- | Knorr and Verba | The International Politics |
| 5- | Sprout and Sprout | International Politics |
| 6- | Gibbs, G. | Problem of International Relations |
| 7- | Northeges | Foreign Policy and Powers |
| 8- | Frankel, J. | Making of the Foreign Policy |
| | | |
| 9- | Goldwin, R. | Readings in World Politics |
| 10- | Gupta, M.G. | International |
| 11- | Relations, Vol. I and II11- | Morgenthau, H.J. |
| | Politics among the Nations | |
| 12- | Thompson, D. | Foreign Policy of the World |
| 13- | Black,C. | Neutralization |
| 14- | Kar, E.H. | Between Two World Wars |
| 15- | Bernard, L. | War and Its Cause |
| 16- | Deutsch, Karl, W. | The Analysis of International Relations |
| | And other books and journals as recommended by the teacher | |

<https://www>.

Suggested Continuous Evaluation Methods:

Course prerequisites: To study this course, a student must have had the subject

Suggested equivalent online courses:

Further Suggestions:

Programme: Post graduate diploma in Research (PGDR)	Year: six (6)	Semester: XI
Subject: Defence and Strategic Studies (Military Science)		
Course Code: A121102T	Course Title: India and Neighborhood, Threat, Security Issues, Paper-2	
Course Outcomes (COs)		
CO1: The Student will be able to understand Conceptual aspect of National Security including Human Security and Human Right.		
CO2: The Student will be able to understand Internal and External threat Related with India's Security.		
Credits: 6	Core Compulsory	
Max. Marks: 25 (CIE) + 75(UE)	Min. Passing marks: 55	
Total number of lectures: Lectures-Tutorial-Practical (6 hours in a week) L-T-P: 6-0-0 (90 hr#)		
Unit	Topics	No. of Lecture Hrs.
I	(1) Conceptual Aspects of National Security (2) Human Security and Human Rights, Naxalism : Traditional and Non- traditional Threat,	15
II	(1) New Dimensions of Indo-Pak relation and Kahmir issue. (2) Sino Indian relation and Border Disputes. (3) Tamil - Singhali Crisis in Sri Lanka.	15
III	(1) Maoist Activities in Nepal, China Intervention and India's Security Threats. (2) Democratic Crisis in Myanmar and North - East Security Problems.	15
IV	(1) India and Indian Ocean , Strategic Environment and Super Powers Strategy . (2) Indo- China conflict 1962. Indo - Pak conflict 1947-48, 1965 & 1971 War.	18
V	(1) Kashmir Problem, Insurgency in North - East India, Border Disputes, Drug Trafficking, Money Laundering and Illegal supply of Weapons and Narcotics . (2) Cyber War and Crime.	15
VI	(1) Civil Defense and Disaster Management. (2) Bangladesh : Illegal Migration and Inurgency Issues. (3) Bhutan and Maldives Crisis.	12

One credit is equivalent to 15 lecture hours as per NEP norms in theory classes. Number of hours in each unit 15 hours may vary as per the content of the unit.

Suggested Readings:

1. Adic, W.A.C. Oil Politics and Sea: The Indian Ocean Ports
2. Agarwal, R.K. Defence Production & Development
3. Anand, V.K. Insurgency & Counter-Insurgency
4. Bajpai, S.C. Northern Frontier of India
5. Bajpai, U.S. Non-Alignment, Perspective and Prospective
6. Bandopadhyaya, J. Making of India's Foreign Policy
7. Brines, R. Indo-Pak Conflict
8. Chaudhary, J.N. India's Problem of National Security in the 70s.
9. Frankel, J. National Interest
10. Khera, S.S. India's Defence Problem.
11. Kohli, S.N. Sea Power and the Indian Ocean
12. Kumar, M. Theoretical Aspects of International Politics
13. Maxwell, M. India's China War.
14. Mishra, K.P. Non-alignment Frontier & Dynamics
15. Morgenthau, H.J. Politics Among the Nations
16. Panikkar, K.M. India and the Indian Ocean
17. Panikkar, K.M. Problems of Indian Defence
18. Prasad, B. India's Foreign Policy
19. Poulouse, T.T. Indian Ocean Rivalry
20. Rahman, M.W. Politics of Non-alignments
21. Rao, P.V.R. India's Defence Policy and Organisation Since Independence
22. Rao, P.V.R. Defence Without Drift
23. Saigal, J.R. Un-fought War of 1962
24. Shah, A. India's Defence and Foreign Policy
25. Singh, S. Defence of the Western Border
26. Singh, K.R. Indian Ocean
27. Singh, R. Aspect of Indian Perspectives
28. Subrahmanyam K., India's Security Perspectives
29. Venkateswaran A.L., Defence Organisation in India
30. Subrahmanyam K., Defence & Development
31. Thomas, Raju. Defence of India.
32. RK Singh National Security.

And other books and journals as recommended by the teacher

<https://www.>

Suggested Continuous Evaluation Methods:

Course prerequisites: To study this course, a student must have had the subject

Suggested equivalent online courses:

Further Suggestions:

Programme: Post graduate diploma in Research (PGDR)	Year: six (6)	Semester: XI
Subject: Defence and Strategic Studies (Military Science)		
Course Code: A121103T	Course Title: Research Methodology, Research Publication Ethics and Computer Applications, Paper- 3	
Course Outcomes (COs)		
CO1: With the help of this course, students will be able to decide the research field, topic, design, and pros and cons of research, sampling, and data collection techniques.		
CO2: The student will be able to understand the research process and acquire the skill of writing research articles.		
CO3: The course will enable you to execute the best practices, morals, and ethical values in scientific conduct and avoid publication misconduct.		
CO4: With the help of this course, students will be able to learn about the standards of journals for good-quality publications of their research work.		
CO5: After this course, the students will be able to learn how to use computers and different application software for manuscript writing.		
CO6: This course will enable the students to learn about reference management and the maintenance of academic integrity using scientific tools. They will be familiar with the protection of the machines from computer hazards.		
Credits: 4	Core Compulsory	
Max. Marks: 25 (CIE) + 75(UE)	Min. Passing marks: 55	
Total number of lectures: Lectures-Tutorial-Practical (4 hours in a week) L-T-P: 4-0-0 (60 hr)		
Unit	Topics	No. of Lecture Hrs.
I	Research Methodology Definition, and Objectives, Motivation and Significance of Research, Types of Research, Truth and Facts of Research, Similarity and Contrast in Literary Research and Scientific Research, Research and Criticism, Research Problem and Research Design, Sampling Design and Methods of Data Collection.	12
II	Research standards: Layout of the Research Report, Research Process: subject Selection, Outline of the Research, Review of Literature, Material Collection; Testing and Classification, Analysis, Discussion and Conclusions, Precautions in Writing Synopsis/Research Paper/Thesis/Research Report.	12
III	Philosophy, Ethics, Scientific Conducts and misconducts Moral Philosophy, Nature of Moral Judgments and Reactions, Publication Ethics, Best Practices/Standards Setting Initiatives and Guidelines: Committee on Publication Ethics (COPE), World Association of Medical Editors (WAME) etc., Intellectual Honesty and Research Integrity:	08

	Falsification, Fabrication and Plagiarism (FFP), Open Access Publishing, and Publication Misconduct.	
IV	Databases and Research Metrics Databases: Indexing Databases, Citation Databases: Web of Science, Scopus etc., Research Metrics: Impact Factor of Journal as Per Journal Citation Report, SNIP, SJR, IPP, Cite Score; Metrics: h-Index, g-Index, i-10 Index, and Altmetric.	08
V	Fundamentals of Computers and application Softwares Types Of Computers, Computer Peripherals and internal component, Types of Operating Systems, Web Browser, Web Search Engine, Spreadsheet Processing, Presentation (MS PowerPoints Preparation or Beamer or Libre Office (Optional), Project/Thesis/Report writing, Using MS-Word or LaTeX or LibreOffice documentation style Labelling, References Style, Footnotes etc.	12
VI	Scientific Softwares Use of Reference Management Software Like Mendeley, Zotero, Reference Manager, Endnote, Authorea Etc. Anti-Plagiarism Software Like Turnitin, iAuthenticate, Urkund, Ebooks and Virtual Library, UGC-Infonet, Computer Hazards and Security	08

Suggested Readings:

1. C.R. Kothari, *Research methodology Methods and Techniques*, 4th Edition, New Age International (P) Ltd. Publisher, 2014.
2. W. Creswell, *Research Design, Qualitative, Quantitative and mixed method approaches*, 3rd Edition, Sage Publications, Inc.
3. D.B. Resnik, (2011) What is ethics in research & Why is it important. National institute of Environmental Health Science, 1-10 Retrieved from
<https://www.niehs.nih.gov/research/resources/bioethics/whatis/index.cfm>
4. Indian National Science Academy (INSA), *Ethics in Science Education, Research and Governance* (2019), ISBN:978-81-939482-1-7.
https://www.insaindia.res.in/pdf/Ethics_Book.pdf
5. Reema Thareja (2019) *Fundamentals Of Computers* (2nd Edition), Oxford University Press
6. *Microsoft Office 365 : A complete Guide to Master Word, Excel, and PowerPoint 365 for Beginners*, Matt Vic
7. Leslie Lamport, *LaTeX, A Document Preparation System*, 2nd Edition, Addison-Wesley Professional Publisher, July, 1994.
8. Latex tutorials <https://www.tug.org/twg/mactex/tutorials/ltxprimer-1.0.pdf>
9. Libre Office tutorial: www.documentation.libreoffice.org/en/english-documentation

Suggested equivalent online courses: <https://epgp.inflibnet.ac.in/>

Programme: Post graduate diploma in Research (PGDR)	Year: six (6)	Semester: XI
Subject: Defence and Strategic Studies (Military Science)		
Course Code: A121104R	Course Title: Research Project Defence and Strategic Studies	
Course Outcomes (COs) CO1: Student will able to know to write review of literature, references and complete the Research Project		
Credits: Non -Credit	Core Compulsory	
Max. Marks: 25 (CIE) + 75(UE)	Min. Passing marks: 55	

Suggested Readings: (To be suggested by Concerned BoS)

Suggested equivalent online courses: **(To be suggested by Concerned BoS)**

Further Suggestions: **(To be suggested by Concerned BoS)**



(Prof. Manoj Kumar Mishra)
Member
BOS, Defence and Strategic Studies
V.B.S.P.U. Jaunpur



(Prof. Ram Krishna Singh)
Convenor
BOS, Defence and Strategic Studies
V.B.S.P.U. Jaunpur

The format of the question paper and evaluation will be as follows –

The duration of each question paper is 3 hours

Types of Question	Total No of Questions	Questions to be Attempted	Maximum Marks = 75 (UE) (Questions x marks)
Very Short Answer Type Questions (50 words)	10	10	10 x 2 = 20
Short Answer Type (200 words)	8	5	5 x 7 = 35
Longs Answer Type (500 words)	4	2	2 x 10 = 20
			= 75 (Maximum Marks)

10-point grading system for evaluation of the Pre-Ph.D. course work

As per the UP GOs 1567/सत्तर-3-2021-16 (26)/2011 TCdated13 July 2021, 401/सत्तर-3-2022, dated09 Feb. 2022, and 1032/सत्तर-03-2022-08(35)/2020, dated 20April2022regarding NEP-2020,the grading system for the Pre-Ph.D. course work shall be followed as given in table -1

Table-1

Letter Grade	Details	Limit of Marks	Grade Point
O	Outstanding	91-100	10
A+	Excellent	81-90	9
A	Very Good	71-80	8
B+	Good	61-70	7
B	Above Average	55-60	6
F	Fail	<55	0
AB	Absent	Absent	0
Q	Qualified		
NQ	Not Qualified		

In pre-Ph.D. course work, there is a mandatory research project that is qualifying in nature. This research project shall be **anon-credit course**. The letter grade for the research project will be Q or NQ. The grade of research project will not be included in the computations of the CGPA.

Computation of CGPA:

Calculations for SGPAand CGPAs shall be followed as given table 2:

Table 2

For j th Sem. $SGPA (S_j) = \frac{\sum C_i \cdot G_i}{\sum C_i}$	Here: C_i = number of credits of the i th course in the j th semester G_i = grade point scored by the student in the i th course in j th semester
$CGPA = \frac{\sum C_j \cdot S_j}{\sum C_j}$	Here: S_j = SGPA of the j th semester C_j = total number of credits in the j th semester

Allocation of CGPA Into Division:

The allocation of CGPA into division in pre-Ph.D. course work follows as given in Table 3:

Table 3

Division	CGPA
First	Greater than or equal to 6.5 and less than or equal to 10
Second	Greater than or equal to 5.5 and less than 6.5

Annexure -1



Department of Higher Education U.P. Government, Lucknow

Code list

National Education Policy-2020 Common Minimum Syllabus for all U.P. State Universities

Notes:

1. The scheme and titles of papers in all the semesters in all the state/private colleges, at UG, PG and Ph.D. levels must be strictly identical. This applies to availing the credit transfer from one University to another. This applies to offering major courses/papers.
2. The coding scheme for courses/papers should be identical in all state/private colleges for uniformity.

Course Codes

A Eight alpha-numeral (letter + digits) code is to be assigned to each course. Description of the code is as follows:

1. First position – Letter – Faculty code
2. Second & third position- two digits – Subject number in chosen faculty
3. Fourth & fifth position – two digits – Semester number
4. Sixth & seventh positions – two digits – Course/paper number
5. Eighth position – Letter – Type of paper – Theory (T), Practical (P), Field Work/ Industrial Training/ Survey Work/ Internship (R)

Table of Faculty Codes

Arts	Science	Commerce	Agriculture	Education	Management
A	B	C	D	E	F
Co-curricular		Vocational			
H		I			

Tables for Subject codes in Each Faculty

Faculty: Arts

Faculty

S.No.	Subject/Program	Program
1	Hindi	B.A.+M.A
2	Sanskrit	B.A.+M.A
3	Urdu	B.A.+M.A
4	English	B.A.+M.A
5	History	B.A.+M.A
6	Political Science	B.A.+M.A
7	Sociology	B.A.+M.A
8	Economics	B.A.+M.A
9	Psychology	B.A.+M.A
10	Philosophy	B.A.+M.A
11	Geography	B.A.+M.A
12	Defense and Strategic Studies	B.A.+M.A
13	Home science	B.A.+M.A
14	Fine Art	B.A.+M.A
15	Ancient history	B.A.+M.A
16	Social Work	B.A.+M.A
17	Anthropology	B.A.+M.A
18	Library and information Science	B.A.+M.A
19	BLIS	B.A.+M.A
20	MLISC	B.A.+M.A
21	Drawing and Painting or Visual Arts or Arts	B.A.+M.A
22	ADVERTISING SALES PROMOTION AND SALES MANAGEMENT	B.A.+M.A
23	ARCHAEOLOGY & MUSEOLOGY	B.A.+M.A
24	EARLY CHILDHOOD CARE AND EDUCATION	B.A.+M.A
25	FOREIGN TRADE	B.A.+M.A
26	HUMAN RIGHTS	B.A.+M.A
27	JOURNALISM	B.A.+M.A
28	LOK PRASASHAN	B.A.+M.A
29	MAHILA ADDHYAYAN25	B.A.+M.A
30	MUSIC (SITAR)	B.A.+M.A

39	SINDHI BHASHA	B.A.+M.A.
40		B.A.+M.A.

Faculty: Science

Faculty

S.No.	Subject/Program	Program
1	Physics	B.Sc.+M.
2	Chemistry	B.Sc.+M.
3	Mathematics	B.Sc.+M.
4	Botany	B.Sc.+M.
5	Zoology	B.Sc.+M.
6	Statistics	B.Sc.+M.
7	Computer Science	B.Sc.+M.
8	Microbiology	B.Sc.+M.
9	Geology	B.Sc.+M.
10	BIOTECHNOLOGY	B.Sc.+M.
11	BIOCHEMISTRY	B.Sc.+M.
12	COMPUTER APPLICATION	B.Sc.+M.
13	GENETICS & GENOMIC	B.Sc.+M.
14	ELECTRONICS	B.Sc.+M.
15	ENVIRONMENTAL SCIENCE	B.Sc.+M.
16	INDUSTRIAL FORESTRY	B.Sc.+M.
17	INDUSTRIAL MICROBIOLOGY	B.Sc.+M.
18	INFORMATION TECHNOLOGY	B.Sc.+M.
19	INDUSTRIAL CHEMISTRY	B.Sc.+M.
20	INSTRUMENTATION	B.Sc.+M.
21	SEED TECHNOLOGY	B.Sc.+M.

Faculty: Commerce

Faculty

Faculty: Agriculture

Fac

S.No.	Subject/Program	Program
1	Agriculture	B.Sc.(Ag.)+M.Sc.
2	Genetics and Plant Breeding	B.Sc.(Ag.)+M.Sc.
3	Plant Protection	B.Sc.(Ag.)+M.Sc.
4		
5		
6		

Faculty: Education

Fac

S.No.	Subject/Program	Program
1	Education	B.A.+M.A.
2	Physical Education	B.A.+M.A.
3	Integrated B.A.B.Ed.	B.A.B.Ed.
4	Integrated B.Sc.B.Ed.	B.Sc.B.Ed.
5	Integrated B.Com.B.Ed.	B.Com.B.E
6	B.Ed.	B.Ed.
7	M.Ed.	M.Ed.
8	Physical Education	B.P.Ed.+M.]

Faculty: Management

Faculty

Faculty: Law**Faculty Co**

S.No.	Subject/Program	Program
1	Law	B.A.+M.A.
2	Integrated B.A.L.L.B.	B.A.L.L.B.
3	Integrated B.Sc.L.L.B.	B.Sc.L.L.B.
4	Integrated B.Com.L.L.B.	B.Com.L.L.B.
5	L.L.B.	L.L.B.
6	L.L.M.	L.L.M.

Faculty: Vocational Studies**Faculty Co**

S.No.	Subject/Program	Program
1	Airline, Tourism and Hospitality Management	B.Voc+M.Voc
2	Medical Lab and Molecular Diagnostic Technology	B.Voc+M.Voc