

UNIVERSITY OF MUMBAI



Draft Syllabus Open for Public Criticism

Syllabus for
Second Year Programs of
Arts/ Science/Commerce Faculties
Course: NCC Studies
(Under Inter-disciplinary Inter-faculty
Innovative Programs-Courses)
w. e. f. 2015-16

Semester III and IV

**(As per Choice Based Credit and Grading System with
facility for Credit transfer)**

Syllabus Committee Members

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**Syllabus for
Second Year Programs of
Arts/ Science/Commerce Faculties
Course – NCC Studies**

i. Name of the Program	-	Second Year Programs of Arts/ Science/Commerce Faculties
ii. Course code	-	UG NCC 203 and UG NCC 204
iii. Course Title	-	NCC Studies
iv. Semester wise course content	-	III & IV Semesters
v. Credit Structure	-	2 Credits per Semester
vi. No. of lectures per unit	-	60 lectures per Semester for 6 Units
vii. No. of lectures per week	-	3 lectures per week

1. Preamble

2. Pedagogy

3. Syllabus Semester III & IV

4. References and Additional Reading

5. Scheme of Examination and Paper Pattern

6. Distribution of periods

7. Ordinances

8. Genesis and process

Preamble: NCC Studies

Immediately after independence, the Kashmir war of 1948 was a bitter pill prompting the Govt. of India to reappoint the Kunjru Committee whose recommendations were instrumental in the inception of NCC on the 16th July 1948. Chinese aggression in 1962 was an eye opener. The then Defence Minister Shri Krishna Menon resigned and the Architect of Modern Maharashtra Shri Yashwantrao Chavan was sworn in. Compulsion of NCC for youth was then felt inevitable, leading to an enrolment of 17.16 million youth. However, with voluntary enrolment recommenced in 1966, presently 1.35 million cadets are enrolled with the plans of raising the strength to 1.5 million, spread over 788 units under 95 NCC groups lead by ADG/DDG of the ranks of Major General/Brigadier equivalent in 17 Regional Directorates under the DG NCC who is of the rank of Lieutenant General. National Cadet Corps as an interface for building a sense of patriotism, secular values, national unity and social cohesion among the youth has also provided an effective channel contributing qualitatively to the Armed Forces. However, we must accept that 'NCC Studies' is not yet a part of vocabulary of the main stream of Indian Higher Education. If the practice of physical training, which is in vogue is supplemented with a pedagogy that encompasses mental & intellectual inputs, the quality of this largest uniformed voluntary youth organization in the world shall be enhanced manifold.

With the introduction of 10+2+3 pattern in education, Inter Arts/Sc/Com came to an end in the University in 1977-78. Foundation Course which was introduced to enhance general awareness of the students played a good buffer. While introducing 'NCC Studies' as an optional subject for F.C. the same philosophy is adhered to, where the syllabus apart from having social relevance in the Indian milieu has emphasis on the overall development of personality. Moreover, with the academic acknowledgement, the cadets will be better equipped to take up careers in civil services, defence, paramilitary, police and security forces further prompting increased demand by the students, augmenting recruitment standards of NCC. Above all the students will get an opportunity to select credits of their own choice thus making a humble beginning of the 'choice based credit system' in its true sense the facility of 'credit transfer'.

Educating people is not done by instant fiat. It requires time; and a variety of different processes of learning and teaching are involved into it vis-à-vis instruction, indoctrination, conditioning and learning by experience. Amongst many other ways the best suited approach is to provide for integrated studies by unifying various aspects ultimately resulting into wholeness for the essence of education. It is a subtle integration where no one aspect is stressed to the exclusion of another. The students are thus provided with quality learning experience through meticulously planned curriculum with a perfect blend of theoretical knowledge & practical skills. The University of Mumbai with this pioneering effort in the State is poised to full-fill the motto of NCC “Unity and Discipline”. Many of the advanced countries at some or the other point of time had military service mandatory for a recommended period. This democratic country with a wide diversity which is otherwise blessed with talents and resources can become a superpower only when each of the youth is an evolved personality who is a true patriot with national fervour and above all a good citizen with civic sense endorsing the need of NCC in the curriculum further.

- VINAYAK DALVIE

(Convener, Syllabus Committee)

Pedagogy

The course is conceived and designed under innovative programmes/courses of the University and will be offered as an optional subject for Foundation Course at the undergraduate level with interdisciplinary-interfaculty approach.

The 'NCC Studies' involves exposure to a range of subjects from Humanities to Science and Technology, apart from the Military Subjects taught both theoretically and practically.

The theory and practical components of specialised subjects of Army, Navy and Air force, shall be imparted both in the classroom and on the field including the camps, ensuring 'Learnt be practised'.

The entire syllabus shall be covered by the concerned teachers and the Permanent Instructors (PI staff), deputed by the NCC. While the teacher is expected to give emphasis on the classroom teaching, expertise of PI, shall be utilised for the instructional and practice sessions especially of Semester I – Unit 2, 3, 5 and Semester II – Units 9, 10 and 11. **Unique feature of this syllabus is the choice given to the students to choose topics in unit 5 and 11 relevant to their NCC streams Army/Naval/Air.** Guest lecturers of professionals from relevant fields / services are encouraged to expose students to the latest developments, trends and changes.

Units 6 and 12 comprise of the project work. The teachers shall have the flexibility of assigning the topics, keeping in view, the potential, talent, skills and interest of the individual student. A wide range of topics could be conceived ranging from specialised subjects, of Army/Navy/ Air force to conceptualising, choreographing, presenting/performing a cultural event encouraging cadets to portray their talents. Socially useful and productive work such as AIDs awareness, Pulse polio, Blood Donation Camps etc. could also be shaped as projects apart from the field work in environment conservation such as tree plantation, rain water harvesting etc. assigned. Care had to be taken however to ensure relevance in the given semester and the modality of being a group or an individual project as prescribed in the syllabus.

The entire course shall be covered during the NCC parades which may preferably be arranged during the working days avoiding Sundays covering 45 period per semester with a total of 90 periods per year. The programme is divided into two semesters per academic year, with two credits per semester and four credits in an academic year. This programme is categorised into six units per semester and a total of twelve units in an academic year.

Institutional training, Camp training, Social services and Community development, Adventure based learning, Sports, Personality development, Youth exchange programmes are the various facets which shall form the components of this course.

The pattern of credits and grading shall be applicable as per the University norms. The Examinations shall be conducted by the college on behalf of the University where the student is enrolled in the NCC Unit. The examination/s of each semester shall be conducted by the concerned teacher/s and scheduled preferably during the regular parade days. However all other modalities for conducting the examination shall be governed by the University Ordinances/Rules followed as for any other subject and the same shall be monitored by the Principal/Dean/In-charge of Examination Committee as the case may be in the concerned College/Institute.

The pattern of evaluation will be in the form of continuous assessments and will comprise of internal and external assessment as per the University Ordinances/Rules/Regulations framed from time to time. Question papers will be set generally based upon the question bank as and when prepared by the concerned committee though the same shall not be obligatory and the paper setters can set questions from outside the question bank.

On successful completion of the course UG NCC 101 in first semester and UG NCC 102 in second semester, the student will be awarded two credits per course and a total of four credits in the year which will be directly reflected in the mark sheet as per the University Ordinances/Rules/Regulations framed from time to time.

Though the student shall be expected to answer in **English**, on prior request, they may be allowed to answer in Marathi, if permitted by the University by issuing a circular to that effect and if granted by the concerned college.

NOTE

The NCC 'B' and 'C' Certificate examinations are independent of the college examinations for being conducted by the NCC separately for the aspiring Cadets.

-Capt. (Mrs.) Nilima Prabhu.

Member- Syllabus Committee

AIMS

To reinforce the aims, motto, vision & mission of the NCC through the academic curriculum.

To instill and inculcate the core values of patriotism, commitment, just and impartial exercise of authority, effective contribution to community development and other social programs , healthy life style practices, habits of restraint & self-awareness & empathy to the needs of socially disadvantaged fellow citizens and above all enduring respect for knowledge, wisdom & power of ideas among the youth.

To train the students, to be graduates with all-round development, who, apart from their own subject, can successfully compete in other fields of career such as defense / paramilitary/ police forces & civil services

Semester III

Course – UG NCC 203

Unit 1: National Integration & Awareness

9

Objective: To create evolved youth, who will be equipped to contribute in the development of the nation.

Desired outcome: The students will display sense of patriotism, secular values and shall be transformed into motivated youth who will contribute towards nation building through national unity and social cohesion.

The students shall enrich themselves about the history of our beloved country and will look forward for the solutions based on strengths to the challenges to the country for its development.

- i. Freedom Struggle and nationalist movement in India.
- ii. National interests, Objectives, Threats and Opportunities.
- iii. Problems/ Challenges of National Integration.
- iv. Unity in Diversity

Unit 2 Drill: Foot Drill

8

Objective: To train students so as to achieve their physical and mental endurance. To acquire body language of smart soldier and to inculcate the sense of authority by commanding the troop under him/her.

Desired outcome: The students will demonstrate the sense of discipline, improve bearing, smartness, turnout, develop the quality of immediate and implicit obedience of orders, with good reflexes.

- i. Side pace, pace forward and to the rear
- ii. Turning on the march and whiling
- iii. Saluting on the march
- iv. Marking time, forward march and halt in quick time
- v. Changing step
- vi. Formation of squad and squad drill

Unit 3A: Adventure Training

4

Objective: To inculcate spirit of adventure, undertake adventure activities, to hone leadership qualities and risk taking abilities.

Desired outcome: The students will overcome fear & inculcate within them the sense of adventure, sportsmanship, esprit-d-corp and develop confidence, courage, determination, diligence and quest for excellence.

i. Any Two such as – Obstacle course, Slithering, Trekking, Cycling, Rock Climbing, Para Sailing, Sailing, Scuba Diving etc.

Unit 3B: Environment Awareness and Conservation

2

Objective: To make student aware of the protection and conservation of the environment.

Desired outcome: The student will be made aware of the modern techniques of waste management and pollution control.

- i. Waste management
- ii. Pollution control, water, Air, Noise and Soil

Unit 4: Personality Development and Leadership

10

Objective: To understand and develop life skills, soft skills and to improve emotional quotient of the student.

Desired outcome: The student will inculcate officer like qualities with desired ability to take right decisions.

- i. Time management
- ii. Effect of Leadership with historical examples
- iii. Interview Skills
- iv. Conflict Motives- Resolution

Unit 5: Specialized subject (ARMY)

12

Objective: To impart basic military training, to develop awareness about the defence forces and expose learners to military ethos / values.

Desired outcome: It will acquaint, expose & provide knowledge about **Army/Navy/ Air force and to acquire information about expanse of Armed Forces ,service subjects and important battles .**

A. Armed Force

- i. Task and Role of Fighting Arms
- ii. Modes of Entry to Army
- iii. Honors and Awards

B. Introduction to Infantry and weapons and equipments

- i. Characteristics of 5.56mm INSAS Rifle, Ammunition, Fire power, Stripping, Assembling and Cleaning
- ii. Organization of Infantry Battalion.

C. Military history

- i. Study of battles of Indo-Pak War 1965,1971 and Kargil
- ii. War Movies

D. Communication

- i. Characteristics of Walkie-Talkies
- ii. Basic RT Procedure
- iii. Latest trends and Development (Multi Media, Video Conferencing, IT)

OR

Unit 5: Specialized subject (NAVY)

A. Naval orientation and service subjects

- i. Organization of Ship- Introduction on Onboard Organization
- ii. Naval Customs and Traditions
- iii. Mode of Entry into Indian Navy
- iv. Branches of the Navy and their functions
- v. Naval Campaign (Battle of Atlantic, Pearl Harbour, Falkland War/Fleet Review/ PFR/ IFR)

B. Ship and Boat Modeling

- i. Types of Models
- ii. Introduction of Ship Model- Competition Types of Model Prepare in NSC and RDC
- iii. Care and handling of power-tools used- maintenance and purpose of tools

C. Search and Rescue

- i. Role of Indian Coast Guard related to SAR.

D. Swimming

- i. Floating and Breathing Techniques- Precautions while Swimming

OR

Unit 5: Specialized subject (AIR)

A. General Service Knowledge

- i. Organization Of Air Force
- ii. Branches of the IAF.

B. Principles of Flight

- i. Venturi Effect
- ii. Aerofoil
- iii. Forces on an Aircraft
- iv. Lift and Drag

C. Airmanship

- i. ATC/RT Procedures
- ii. Aviation Medicine

D. Aero- Engines

- i. Types of Engines
- ii. Piston Engines
- iii. Jet Engines
- iv. Turboprop Engines

Unit 6: Project

15

Objective: To make the students apply the knowledge in specialised military subject/ social topics/ cultural endeavours.

Desired outcome: The students shall have hands-on training field experience and opportunity to portray cultural talent and develop personality.

On military subject, social aspect or cultural performance as may be deemed fit by the concerned teacher and as selected by a group of upto 10 students each.

Semester IV

Course UG NCC 204

Unit 7A: Disaster Management

3

Objective: To empower and train youth to be responsible citizens and assist civil administration in performance of selective duties during disaster.

Desired outcome: The student shall gain basic information about civil defence organisation / NDMA & shall provide assistance to civil administration in various types of emergencies during natural / manmade disasters

- i. Fire Services & Fire fighting
- ii. Assistance during Natural / Other Calamities: Flood / Cyclone/ Earth Quake/ Accident etc.

Unit 7B: Social Awareness and Community Development:

5

Objective: To acquire firm base about voluntary social service.

Desired outcome: The student shall have an understanding about social evils and shall inculcate sense of whistle blowing against such evils and ways to eradicate such evils.

- i. NGOs: Role & Contribution
- ii. Drug Abuse & Trafficking
- iii. Corruption
- iv. Social Evil viz. Dowry/ Female Foeticide/Child Abuse & trafficking etc.
- v. Traffic Control Org. & Anti drunken Driving

Unit 8: Health and Hygiene

5

Objective: To instill respect and responsibility towards personal health and hygiene.

Desired outcome: The student shall be fully aware about personal health and hygiene lead a healthy life style and foster habits of restraint and self awareness.

- i. Hygiene and Sanitation (Personal and Food Hygiene)
- ii. Basics of Home Nursing & First-Aid in common medical emergencies
- iii. Wound & Fractures

Unit 9: Drill with Arms

8

Objective: To train students so as to achieve their physical, mental, psychological and emotional development.

Desired outcome: The students will demonstrate the sense of discipline, improve bearing, smartness, and turnout, and develop the quality of immediate and implicit obedience of orders, with good reflexes.

- i. Getting on Parade with Rifle and Dressing at the Order
- ii. Dismissing and Falling Out
- iii. General Salute, Salami Shastra
- iv. Squad Drill
- v. Short/Long tail from the order and vice-versa
- vi. Examine Arms

Unit 10: Weapon Training

12

Objective: To impart elementary knowledge about riffles and firing.

Desired outcome: The student shall have basic knowledge of weapons and their use and handling.

- i. The lying position, Holding and Aiming- I
- ii. Trigger control and firing a shot
- iii. Range procedure and safety precautions
- iv. Theory of Group and Snap Shooting
- v. Short range firing, Aiming- II -Alteration of sight

Unit 11: Specialized subject (ARMY)

12

Objective: To impart basic military training, to develop awareness about the defence forces and expose learners to military ethos / values.

Desired outcome: The training shall instill patriotism, commitment and passion to serve the nation motivating the youth to join the defence forces.

It will also acquaint, expose & provide basic knowledge about armed, naval and air-force subjects

A. Map reading

- i. Setting a Map, finding North and own position
- ii. Map to ground, Ground to Map
- iii. Point to Point March

B. Field Craft and Battle Craft

- i. Observation, Camouflage and Concealment
- ii. Field Signals
- iii. Types of Knots and Lashing

C. Introduction to advanced weapons and role of technology (To be covered by the guest lecturers)**OR****Unit 11: Specialized subject (NAVY)****A. Naval Communication****i. Semaphore**

- a) Phonetic Alphabets
- b) Radio Telephony Procedure
- c) Wearing of National Flag, Ensign and Admiral's Flag.

B. Seamanship**A. Anchor work**

- i. Types of Anchor, Purpose and Holding ground

B. Boat work

- i. Demonstrate Rigging a whaler and enterprise boat- Parts of Sail and Sailing Terms
- ii. Instructions in Enterprise Class Board including theory of Sailing, Elementary Sailing Tools
- iii. Types of Power Boats Used in the Navy and their uses, Knowledge of Anchoring, Securing and Towing a Boat

C. Introduction to advanced weapons and role of technology (To be covered by the guest lecturers)**OR****Unit 11: Specialized subject (AIR)****A. Air frames**

- i. Fuselage
- ii. Main and Tail Plain

B. Instruments

- i. Introduction to RADAR

C. Aero modelling

- i. Flying/ Building of Aero models

D. Introduction to advanced weapons and role of technology (To be covered by the guest lecturers)

Unit 12: Project

15

Objective: To make the students apply the knowledge in specialised military subject/ social topics/ cultural endeavors.

Desired outcome: The students shall have hands-on training field experience and opportunity to portray cultural talent and develop personality.

On military subject, social aspect or cultural performance as may be deemed fit by the concerned teacher and as selected by each student to be executed individually.

References and Additional Reading

References

Title	Authors	Publication
Cadet's Hand book – Common subject..all wings.		BY DG NCC, New Delhi.
Cadet's Hand book – Specialised Subjects, Army, Navy, Air-force		BY DG NCC, New Delhi
NCC OTA Precise		BY DG NCC, New Delhi
“AVAN” Model of Disaster Mang.	Vinayak Dalvie	Proceedings of Int. Conf. on Urban Plan. and Env Strat & Challenges, Elphinstone College, Jan 2007.

Additional Reading

Humanistic Tradition of India	N.L.Gupta	Mohit Publication, New Delhi
Social psychology	Baron & Byrne	Pearson Publication, 12 th Edition self awareness know yourself / insight (110) Group & Individuals (374) Group discussion
Chanakya's 7 Secrets of Leadership	Radhakrishanan Pillai and D.Shivnandhan	Jaico
Social Psychology: Understanding Human Interaction	Baron, Robert A.	(302/BAR/BYR),7 th Edition
Seven Habits of Highly Effective People.	Covey , Stephen	
The Habit of Winning.	Iyer , Prakash	Penguin , India ; 2011
The Goal	Goldratt , Eliyahu	The Northriver press ; 1994
Freedom Struggle	Chandra Bipin	National Book Trust 1972
Freedom of Religion and The Indian Judiciary	Bachal V.M. , Shubhada Saraswat	(362P)
India 1996- A Reference Annual Govt. of India		
Saha Soneri Pane	Vinayak D. Savarkar	
Environmental Biology and Toxicology	P.D. Sharma.	Rastogi Publication
Environmental Science	S.C. Santra	New Central Book Agency
National Cadet Corps (India)	Lambert M. Surhone, Mariam T. Tennoe, Susan F. Hensonow	Betascript Publishing, 2011
National Cadet Corps, Youth in	National Cadet Corps (India)	Lancer Publishers, 2003

Action (Google eBook)		
Youth in Step: History of the National Cadet Corps	V. Longor	Lancer international, 1983 Original from the University of Michigan
National Cadet Corps of India	Man Mohan Sharma	Vision Books, 1980 Original from the University of Michigan
The National Cadet Corps Act, 1948, as Modified Up to the 1 st July 1963	India	Government of India Press, 1963 (Military Law)
Cadet Corps in India: Its Evolution and Impact	Satis Chandra Maikap	Darbari Udyog, 1979 Original from the University of California
National Cadet Corps: 100 Years of Distinction	National Cadet Corps (Singapore)	NCC
The NCC	Singapore, National Cadet Corps Council	National Cadet Corps Council
Grooming Tomorrow's Leaders: National Cadet Corps, 1917-2006	R.S. Chhetri	Lancer Publishers, 2006
National Civil Defence Cadet Corps	Lambert M. Surhone, Mariam T. Tennoe, Susan F. Henssonow	Betascript Publishing, 2011
Discovery of India	Jawaharlal Nehru	
Health and Hygiene	Manoj. J.S.	Agra University Publication
Yoga for Healing	Venkateswaran P.S.	Bombay:- Jaico Publishing House 1989
Yoga Illustrated	New Delhi	Ministry of Information and Broadcasting, 1995
Yoga Practice, 1972	Shivnande Swami	Mumbai:- D.B. Taraporewala 1972
Yoga of Patanjali-1979	Yardi M.R.	Bhandarkar Oriental Research Institute- 1974
Sustainable Development (An Alternative Paradigm)	Satpathy , N.	Karnavati Publications , Ahmedabad.
Global Partners for Sustainable Development	Pachauri R.K & Srivastava L.	Tata Energy Research Institute, New Delhi ; 1994, 1998
Ecology and the Politics of survival : Conflict over Natural Resources in India	Shiva , Vandana	Sage Publications , California , 1991

Scheme of Examination

A) Internal Assessment 25 marks

<u>Semester III</u>	<u>Marks</u>
1. Attendance / Turn out	05
2. Drill / Word of command / Adventure Training	05
3. NCC Song / Personality Development & Leadership	05
4. Project & Presentation	10
<hr/>	
	25

<u>Semester IV</u>	<u>Marks</u>
1. Attendance / Turn out	05
2. Drill with Arms / Word of Command / Weapon Training	05
3. Socially useful & Productive Work	05
4. Project & Presentation	10
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	25

External Assessment 75 Marks

As per the circular No. UG/04 of 2014

University of Mumbai

Amended R8435 Revised Scheme of Examination

Faculty of Arts, Commerce and Science

(Undergraduate Programmes)

Credit Based Evaluation System

Scheme of Examination

The performance of the learners shall be evaluated into two components. The learner's Performance shall be assessed by Internal Assessment with 25% marks in the first component by conducting the Semester End Examinations with 75% marks in the second component. The allocation of marks for the Internal Assessment and Semester End Examinations areas shown below:-

B) Semester End Examinations – 75% 75 Marks

i) Duration–These examinations shall be of 2.5 Hours duration

ii) Theory question paper pattern

- There shall be five questions each of 15 marks.
- All questions shall be compulsory with internal choice within the questions.
- Question may be subdivided into sub-questions a, b, c... and the allocation of marks depends on the weightage of the topic.

Passing Standard

The learners to pass a course shall have to obtain a minimum of 40% marks in aggregate for each course where the course consists of Internal Assessment and Semester End Examination. The learners shall obtain minimum of 40% marks (i.e. 10 out of 25) in the Internal Assessment and 40% marks in Semester End Examination (i.e. 30 Out of 75) separately, to pass the course and minimum of Grade E, wherever applicable, to pass a particular semester. A learner will be said to have passed the course if the learner passes the Internal Assessment and Semester End Examination together.

Distribution of periods

Semester –III		Semester –IV	
Unit	Periods	Unit	Periods
1	09	7	08
2	08	8	05
3	06	9	08
4	10	10	12
5	12	11	12
6	15	12	15
Total.....	60	Total.....	60

Ordinances for ‘NCC Studies’

O. ___ Recognition of Colleges:

Only those colleges/Institutes affiliated to the University of Mumbai, having operational NCC Unit granted by the Directorate of NCC, Maharashtra shall be eligible to apply for introducing ‘NCC Studies’ as a subject and can continue the said subject with the approval of the competent authorities of the University and/or the Government of Maharashtra till such period as they enjoy the privilege of having NCC unit operational, granted by the Directorate of NCC Maharashtra in the said College/Institute. Needless to say that the permission of the said College/Institute to conduct NCC Studies as a subject shall cease if the NCC Unit is closed down, thereby preventing fresh enrolment.

O. ___ Infrastructure:

The college concerned shall arrange the necessary infrastructural facilities such as class room/s, parade ground, obstacle course, DP Rifles and their maintenance, training equipments, stores and consumables, ledgers and documents etc., of which the immovable items shall be provided by the college while the rest arranged/procured from the NCC Authorities, especially the technical utilities required for the effective administration and conduct of the course of ‘NCC Studies’.

O. ___ Qualifications of Teachers:

The course shall necessarily be taught by ANO/s (Associate NCC Officer/s) of the units who is/are approved Degree College teacher/s, failing which by CTO/s (Care Taker Officer/s) of the unit/s who is/are approved Degree College teacher/s holding NCC ‘C’ certificate, failing which by ANO/s of the units who is/are approved Junior College teacher/s, failing which by CTO/s who is/ are approved junior college teacher/s holding NCC ‘C’ certificate, failing which by Degree College approved teacher/s who is/ are retired ANO/s, failing which by Junior College approved teacher/s who is/are retired ANO/s, failing which by those who hold NCC ‘C’ certificate and is/ are approved Degree college teacher/s, failing which by those who hold NCC ‘C’ Certificate and is/are approved Junior College Teacher/s, failing which a visiting faculty complying any of the qualifications prescribed, here-in-above.

O. ___ Conduct of the Course:

The Course shall be completed by the concerned teacher by conducting/ arranging Lectures, Demonstrations, Camps, Training, Practice Sessions and Guest Lectures during the days and time of regular parades and camps. In addition the PI (Permanent Instructors) staff deputed by NCC shall conduct specialised topics, demonstrations, training and practice sessions as specified in the syllabus from time to time. The parades, however shall be preferably conducted on the working days.

O. ___ Remission in Work-load / Remuneration:

There shall be remission of two periods of work-load per week to the concerned teacher/s for the sanctioned strength of every unit granted by the NCC Directorate Maharashtra, subject to the approval of the Government, failing which remuneration shall be paid by the college at prevailing rates to the concerned teacher/s for the periods engaged, with prior sanction obtained from the concerned Principal/Dean/Director. Further, the remuneration for paper setting, assessment and other duties of the examination, if any, shall be as per the norms prescribed by the University from time to time. The College / Institute shall also arrange for the payment of honorarium for the guest lecturers as per the provisions and practice in the College/Institute with prior sanction of the Principal/Dean/Director.

O. ___ Eligibility, Enrolment and Strength:

The bonafide students of this University offering programme in the faculty of Arts / Science / Commerce are eligible to opt for NCC Studies as a subject in place of foundation course in semester I, II, III and IV, subject to the desired physical fitness and selection in the concerned NCC Unit and that the strength of such enrolment shall not exceed the strength allotted by the Directorate of NCC Maharashtra to the said Unit.

O. ___ Change of subject from NCC Studies to Foundation Course:

Students opting for NCC Studies in the I semester shall be allowed to change and opt for foundation course in the beginning of the II and/or III and/or IV semester if he does not continue to be a cadet enrolled in NCC per se or is unable to continue the course of NCC Studies for valid reason. The same may also be allowed during the I semester or even in the middle of any of the semesters, if the relevant ordinances/rules of the University for enrolment and/or attendance and/or granting of terms etc permit so, at the material time.

O. ___ Extension in NCC for 1 year:

A student completing 3 years of SD/SW NCC in the First year of his degree college i.e, in the II semester of any program can opt for 'NCC studies' in III and IV semesters only if extension of one year is granted to the said cadet by the NCC authorities permitting him to enrol in NCC Unit during his III and IV semester since enrolment in NCC is a prerequisite for opting/continuing NCC studies as a subject.

O. ___ Enrolment in Open Unit (Attached to College/Institute)/NCC Unit in other College/Institute:

In case of a student joining NCC Unit attached to a college/Institute other than the college/Institute where he is a bonafide student, the said student can opt for NCC studies as a subject only if the Principal/Dean/Director of the College/Institute where he is a bonafide student permits him to do so while seeking NOC (in proforma prescribed by the University) from the Principal/Dean/Director of the College/Institute where he is enrolled as an NCC cadet. The Principal/Dean/Director of the College/Institute having the said NCC Unit shall communicate the attendance and other relevant details to the College/Institute where the said cadet is a bonafide student for the purpose of granting terms to such student/s as per the ordinances/rules of the University.

O. ___ Fees:

Fees for NCC Studies shall be the same as that of the foundation course and as prescribed by the University and permitted by the Government, if needed, for the said College/Institute from time to time.

If the student joins NCC in some other College/Institute and offers 'NCC Studies' as an optional subject for the Foundation Course, then the said fees shall be as prescribed for the Foundation Course in the College/Institute where the concerned student joins NCC and pursues 'NCC Studies' and in such case shall pay the proportionate tuition and examination fees to that college.

O. ___ Evaluation:

The pattern of credits and grading shall be as applicable for the Foundation Course. The Examinations shall be conducted by the college on behalf of the University, if applicable, where the student is enrolled in the NCC Unit by the concerned teacher/s and scheduled preferably during the regular parade days and timings by the competent authority such as the Principal/Dean/Director or the In-charge of the examinations of the College/Institute while monitoring the process from setting of question papers (3 sets) to assessment in the CAP along with the other subjects. The marks/credit points/grades of the students joining the said NCC unit and opting 'NCC studies' as the subject who are otherwise bonafide students of some other College/Institute shall be communicated by the Principal/Dean/Director of the College/Institute where the NCC unit exists to the Principal/Dean/Director of the College/Institute where the said student is a bonafide student otherwise.

(NOTE: The NCC 'B' and 'C' certificate examinations are independent of the college examinations for being conducted by the NCC authorities separately for the aspiring cadets. Further notwithstanding anything stated for the introduction of 'NCC studies' as an optional subject for the Foundation Course the benefit of ordinance O.229 continues without prejudice to all the NCC cadets fulfilling the requirements as envisaged therein).

GENESIS AND PROCESS

DATES	EVENT / SESSION	OUTCOME	VENUE
13 th Nov. 2014	Meeting of working committee	Rough draft prepared	Kirti College, Dadar, Mumbai
01 st Dec. 2014	Meeting of working committee	Draft Syllabus Prepared	Kirti College, Dadar, Mumbai
04 th Dec. 2014	Draft syllabus E-mailed to all committee members and stake holders	Suggestions not received	Kirti College, Dadar, Mumbai
08 th Dec. 2014	Meeting of the committee members	Final Draft prepared	University of Mumbai, Kalina Campus

Capt. (Dr) D. V. Pawar.
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Kirti College, Dadar (West)
Mumbai.

NOTES: