

OUTCOME DOCUMENT OF RRU (SISDSS)

“State could be at risk from four different kinds of threats – internal, external, externally-aided internal and internally-aided external” -- Kautilya in the Arthashastra

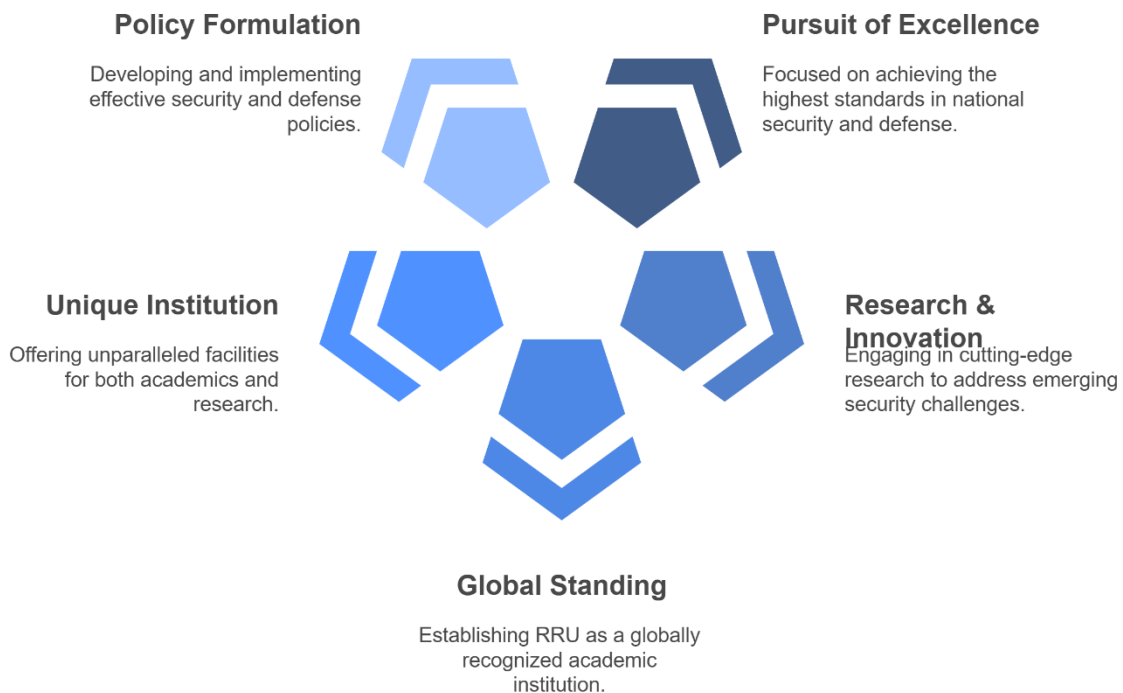
1. **Background.** The Second decade of 21st Century has commenced with changing landscape, driven by internal and external factors, spread across from the West to the African and Asian countries. Armenia- Azerbaijan, Ukraine and the West Asia conflicts are redefining the norms of war with the disruptive and AI technologies redefining the scope and pace of war. These developments have made strategists, academicians and industrialists getting on to the drawing board to remain relevant in ever changing geo strategic environment.

2. **Rashtriya Raksha University (RRU) as Centre of Excellence.** Based on the vision of our Hon’ble PM on ‘*RRU to be Centre of Excellence for National Security and Defence Management*’ as enunciated in Nov 2023, RRU as an ‘**Institute of National Importance**’ seeks to become a Centre of Excellence. Under such evolving geo political environment, School of Internal Security and Defence & Strategic Studies (SISDSS) has embarked upon becoming a ‘Centre of Excellence’ for National Security and Defence Management. The COE is intended to focus on formulating and implementing security and defence policies, solve strategic and operational challenges, presenting policy related research, developing appropriate and sustainable planning mechanisms and providing outcomes related to transforming and managing security sector organisations and resources. The COE will provide a unique platform for research, consultancy and innovation to address the complex and everchanging national security threat environment of India. RRU is expected to be a unique Institution where the research, academics and various hypothesis can be practiced under one roof and involving undergrad, postgrads, PhD scholars and the faculty. **Aims and Objectives of COE** are as under: -

- (a) **Pursuit of Excellence** – The CoE is dedicated solely to the pursuit of excellence in national security and defence and will only contribute to the national **mission of Atma Nirbhar Bharat**.

- (b) **Research & Innovation** – Research on current and emerging security challenges, contributing to the overall security of the nation. Presenting policy-related research; **Bridging the gap between theory and practice.**
- (c) **Global Standing** – The CoE will also establish RRU as an institute that is at par with global academic institutions
- (d) One-of-a-kind institution with facilities available for both **Academics & Research.**
- (e) Formulating and implementing **security and defence policies** and solving strategic and operational challenges to Defence Management.

Advancing National Security Through Excellence, Innovation, and Policy



3. **Phased Implementation** of COE is as under: -

(a) **Phase 1 (December 2024 to December 2025).**

- (i) Establish Centres for Indo Pacific, West Asia, Strategic Neighbourhood (including Internal Security), Aerospace & Maritime Studies, War Studies/Military History and Defence Acquisition. Propagate research for UG & PG students besides PhD scholars and the faculty.

- (ii) Commence Foreign Military Training & Military Diplomacy (under Department of Professional Military Education - PME).
- (iii) Establish Laboratories - Remote Pilot Training Centre, GIS & IMINT and AR/VR for defence training.
- (iv) Collaborate and develop a holistic approach to innovation and skill training by rebalancing academic and non-academic training. Develop an integrated program, in collaboration with AIC, SASTRA and SITAICS.
- (v) RRU to assist marginalized sections to enter armed forces through pre-entry training. RRU, will also be proactively involved in preparing Agniveers industry ready, post their release from armed forces.
- (vi) SISDSS UG and PG Curriculum to be revamped as per UGC guidelines; RRU to be the pioneers in implementation of NEP 2020 and ABC credit system. **Program framework design of new curricula and courses** in tune with the **NEP 2020**, to be as under: -

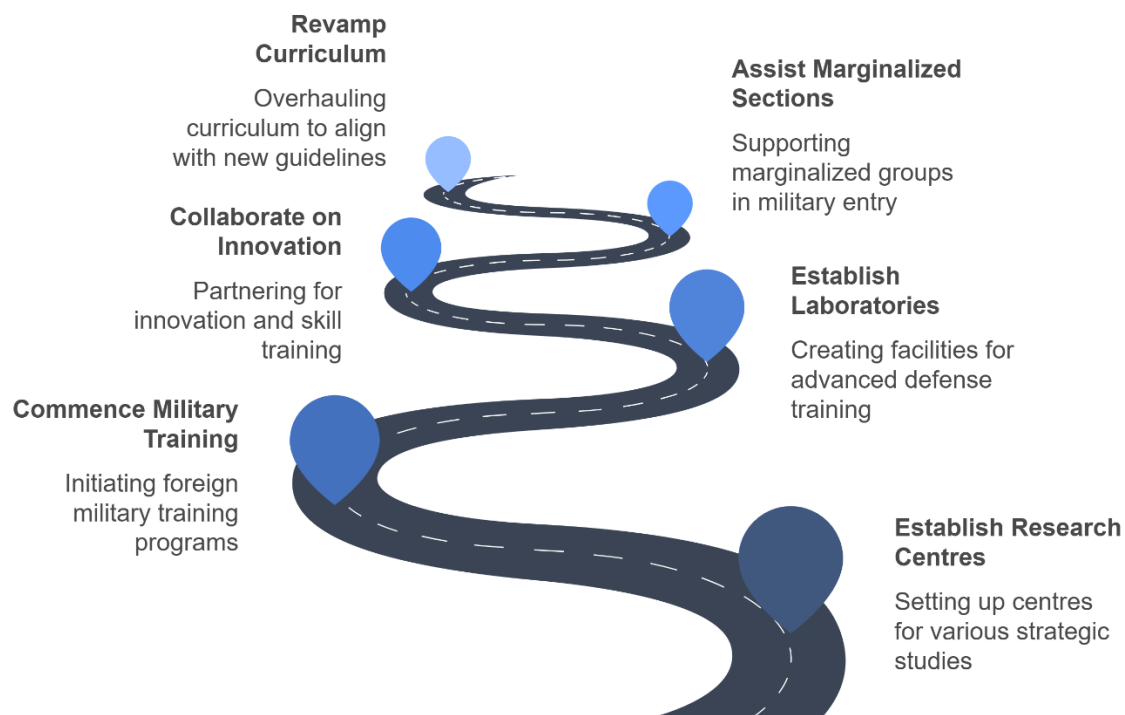
(aa) **DSS.**

- (aai) 05 Year UG+PG course - Defence and Strategic Studies (05 years Integrated Course).
- (aaii) 04 Year UG Course - Defence and Strategic Studies (03+01).
- (aaiii) 02 Year PG Course – Defence and Strategic Studies.
- (aaiv) 02 Year PG Course – Defence Management (MBA program).

(ab) **Post Graduate Diploma courses (One Year each)** in Disaster Management, Counter Insurgency & Counter Terrorism, Nuclear, Chemical, Biological & Radiological Warfare, Defence Journalism and Defence Analyst, Aviation Security and Defence Management. **Cyber Security, Maritime Security and Police Administration in collaboration with other schools of RRU.**

(ac) Degrees, PG Diploma course and certificate cadres (which enhances student skills and additional qualifications), to be offered to personnel of the services, civil and defence industry.

Phase 1



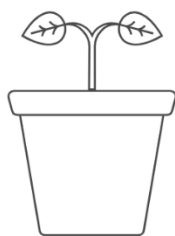
(b) Phase 2 (December 2025 to December 2026).

- (i) Establish Departments of National Security and Defence Management Studies,
- (ii) Establish Centres for Military Leadership, Science & Security and Strategic Communication.

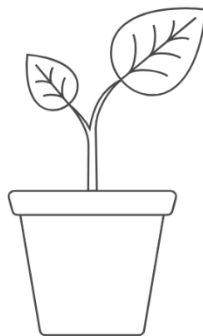
(iii) **Affiliation of UG and PG degrees of Armed Forces Training Institutions by the RRU to.** Presently, DSSC and NDC are affiliated with Madras University; AWC with DAVV Indore, NDA and Technical Training Institute (TEC) with JNU or Rajiv Gandhi University, CDM with Osmania University. These universities neither have proper research faculties nor do have DSS departments or regular staff. Similarly, other institutes of armed forces do not have a single university for affiliation and the list includes; [National Cadet Corps](#), Infantry School including Junior Leaders Wing, [Indian Military Academy](#), [Officers Training Academy](#), [High Altitude Warfare School](#), Army Service Corps Centre and College, Army Education Corps Training Centre and College, [Special Forces Training School](#), Corps of Military Police Training Centre and School, Army School of Physical Training, Army Airborne Training School, Institute of National Integration, Army Sports Institute, [Army Cadet College](#), Combat Army Aviation Training

School, Army Clerks Training Schools, Army School of Mechanical Transport, Army/Air Transport Support School, EME School, Military School of Music, [Indian Naval Academy](#), [Naval War College](#), INS Chilka (Sailors Training), INS Dronacharya (Gunnery School), INS Garuda (Aviation), INS Hamla (Logistics Training), INS Kunjali (Music Training School), INS Mandovi (Provost and Physical Training School), Naval Institute of Educational and Training Technology, Ship Wright School, INS Venduruthy (Seamen Training), INS Satavahana (Submarine School), Helicopter Training School, [Air Force Academy](#), [College of Air Warfare](#), [Tactics and Air Combat Development Establishment](#), [Flying Instructors School](#), Pilot Training Establishment, [Air Force Administrative College](#), Paratrooper's Training School, [Indian Air Force Test Pilot School](#), TETTRA School, [Air Defence College](#), Basic Training Institute, Mechanical Transport Training Institute, Workshop Training Institute, Air Force Police & Security Training Institute, Non-Technical Training Institute, Air Force School of Physical Fitness and Garud Regimental Training Centre. **Affiliation of armed forces institutes with the RRU would be in the larger national interest.**

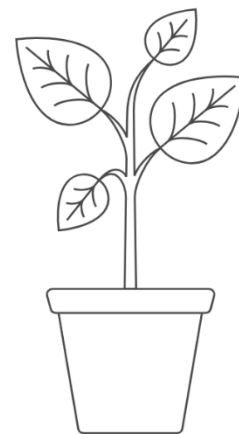
Steps to National Security Education Enhancement



Establish
Departments



Create
Leadership
Centers



Affiliation of
armed forces
institutes with
RRU

(c) **Phase 3 (December 2026 to December 2027).**

- (i) Establish the Department of Professional Military Education.
- (ii) Establish Centres for Grand Strategy & Strategic Gaming & Net Assessment.
- (iii) Establish Centre for Joint Warfare Studies (created from Centre for Aerospace & Maritime Studies by including Land Warfare studies as part of planned enlarged scope).
- (iv) Defence studies, National security related fundamental paper course with CBSE affiliation institute, target school like AWES, Sainik schools, Military schools, RIMC, Army Public schools, Air Force Public schools, Navy Schools, which will boost the culture of nationalism, strategic thinking and importance of national security besides enhancing employability for DSS UG and PG Students in schools/Colleges as well as other think tanks and research institutes.
- (v) Distance education for DSS UG, PG and other defence related courses in lines with the concept of the IGNOU to be offered to defence personnel through ARTRAC.

Strategic Educational Initiatives Phase 3



4. **Outcomes.**

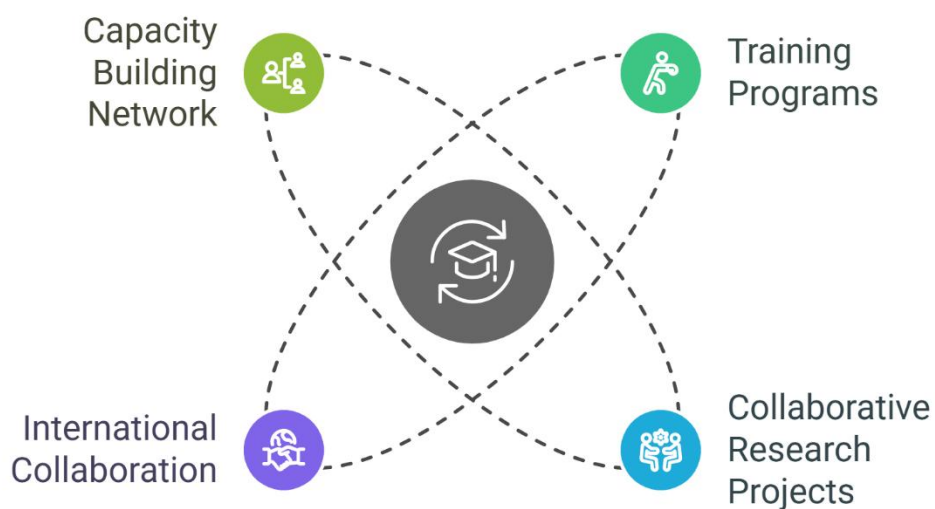
- (a) **Training Programs.** The CoE will deliver specially curated training programs for defence personnel – EME B. Tech in Military Technology, Defence Acquisition Course (training programs for the bureaucrats serving in the Ministry of Defence as well as for the industry), Practitioner’s Ph D program, training to foreign military personnel as well as equipping students and professionals with advanced skills.

(b) **Collaborative Research Projects.** Cooperative research projects with partners in the government and private sectors.

(c) **International Collaboration.** To facilitate the sharing of best practices, knowledge and skills, the CoE will collaborate and draw agreements with foreign partners.

(d) **Capacity Building Network.** The CoE's network of institutes will offer capacity-building programs and contribute to the creation of an informed human resource in the security and defence sectors, not just within the CoE but across affiliated institutions.

Comprehensive Defence Education and Collaboration



5. **What distinguishes RRU COEs from other organisations.**

(a) There are a number of research centres in India, carrying out country & region studies with focus on the theoretical aspects. RRU is the only institution where entire skill development can be implemented, through congruence of academic and non-academic activities, to achieve practical orientation. Given that RRU has developed into a hub of direct interaction with various wings of the armed forces, paramilitary & police forces, students/scholars are enabled to make field visits to experience the

developments in various fields. Field exposure to these organisations brings in realism and practical orientation to students of RRU.

(b) It is a unique experiment where the UG, PG and PhD scholars provide an interface between research, teaching and practice.

(c) RRU is an institution where the practical functioning of Centres/Schools such as the Atal Innovation Centre (AIC), SITAICS, etc. can be effectively integrated with the CoE. The University is honing entrepreneurship qualities, research and in-depth area analysis capabilities, net assessments, PESTLE analysis and national security strategies among its students, who will be key assets to the development of the CoE and contribute to the civil-military industry.

(d) The Indian Defence Industry has undergone significant transformation over the past decade, emerging as a critical player, driven by strategic imperatives, technological advancements and robust government policies such as 'Make in India' and 'Atmanirbhar Bharat'. India has made substantial strides in developing indigenous capabilities, fostering a burgeoning ecosystem that includes state-owned enterprises, private sector players, and innovative start-ups. There are opportunities within the sector such as manufacturing, maintenance repair and overhaul (MRO) and the integration of advanced technologies. The proposed CoE aims to cultivate a specialised workforce adept in both Defence Studies and International Relations, focusing on the strategic implications of the Indian Defence Ecosystem on geopolitical dynamics. Through a phased implementation plan, the CoE seeks to foster collaborations with industry, government, and academia, positioning itself as a pivotal contributor to National Security and Defence Diplomacy. By integrating advanced technologies and innovative research methodologies, this initiative aspires to not only meet domestic needs but also elevate India's standing as a Global Defence Technology Exporter.

(e) The establishment of CoE for the Defence & Aerospace Industry at RRU, stands as a critical step toward enhancing India's capabilities in a sector marked by rapid evolution and strategic significance. By fostering a multidisciplinary approach that integrates technology, policy and international relations, the CoE aims to develop a skilled workforce capable of addressing the complex challenges facing the defence landscape.

6. **Summary.** Initiation of research and area studies at the RRU (SISDSS) is expected to draw out National Security Strategies for various organs of the State. Reorientation of course

curriculum of various courses being run on strategic and security studies has commenced with realignment to the NEP 2020, with a focus on the key opportunities and challenges for India under the changing geo strategic environment. The outlined phased implementation plan ensures a structured progression from initial setup to achieving self-sustainability, while the emphasis on collaboration with key stakeholders including government ministries, industry leaders and academic institutions will strengthen India's position in global defence industry. Ultimately, the CoE is not just an academic initiative; it is a commitment to advancing national security and enhancing India's geopolitical influence, paving the way for innovative solutions and sustainable growth in the defence sector. Through rigorous research, strategic partnerships and a focus on indigenous capabilities, the CoE will play a pivotal role in shaping the future of India's defence and aerospace landscape, contributing to both domestic security needs and international standing.