ANNUAL QUALITY ASSURANCE REPORT (AQAR)

Submitted to

National Assessment and Accreditation Council

by

College of Defence Management

(Accredited by NAAC with 'A+' Grade with CGPA of 3.51)
Sainikpuri, Secunderabad – 500094
Telangana State

2021

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year *(for example 2013-14)*

| 2020-21 |

1. Details of the Institution

1.1 Name of the Institution

| **COLLEGE OF DEFENCE MANAGEMENT** |

1.2 Address Line 1

| SAINIKPURI POST |

Address Line 2

| SECUNDERABAD |

City/Town

| HYDERABAD |

State

| TELANGANA |

Pin Code

| 500094 |

Institution e-mail address

| cdm@nic.in |

Contact Nos.

| Tele   : 040-27862548
Fax No : 040-27116451 |

Name of the Head of the Institution:

| Air Vice Marshal Pawan Mohey, VSM, |

Tel. No. with STD Code:

| 040-27862548 |

Mobile:

| 9968352581 |

Name of the IQAC Co-ordinator:

| CAPT (IN) VMD JAGANNATH |

Mobile:

| 8500366845 |

IQAC e-mail address:

ds31.cdmap@nic.in

1.3 NAAC Track ID

TSCOGN14118

OR

1.4 NAAC Executive Committee No. & Date:

EC(SC)/18/A&A/10.2   dt 10-11-2016

1.5 Website address:

https://www.cdm.ap.nic.in

Web-link of the AQAR:

https://www.cdm.ap.nic.in/AQAR 2019-20.pdf

1.6 Accreditation Details

Sl. No .	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	2nd Cycle	A+	3.51	2016 - 2021	5 years

1.7 Date of Establishment of IQAC :

01/02/2010

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC. AQAR for the year 2020-21, submitted post NAAC Accreditation in Oct 2016 in Sep 2022.

1.9 Institutional Status

University   State ☑   Central ☐ Deemed ☐ Private ☐

Affiliated College   Yes ☑   No ☐

Constituent College   Yes ☐   No ☑

Autonomous college of UGC Yes ☐   No ☑

Regulatory Agency approved Institution Yes ☐   No ☑

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution   Co-education ☑   Men ☐ Women ☐

              Urban ☑   Rural ☐ Tribal ☐

Financial Status   Grant-in-aid ☑   UGC 2(f) ☐   UGC 12B ☐

              Grant-in-aid + Self Financing ☐   Totally Self-financing ☐

1.10 Type of Faculty/Programme

Arts ☐   Science ☐   Commerce ☐   Law ☐   PEI (Phys Edu) ☐

TEI (Edu) ☐   Engineering ☐   Health Science ☐   Management ✓

Others   (Specify) | - |

1.11 Name of the Affiliating University (for the Colleges)

| OSMANIA UNIVERSITY |

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University | NA |

University with Potential for Excellence | - | UGC-CPE | - |

DST Star Scheme | - | UGC-CE | - |

UGC-Special Assistance Programme | - | DST-FIST | - |

UGC-Innovative PG programmes | - | Any other(Specify) | - |

UGC-COP Programmes | - |

2. IQAC Composition and Activities

2.1 No. of Teachers | 12 |

2.2 No. of Administrative/Technical staff | 04 |

2.3 No. of students | 3 |

2.4 No. of Management representatives | 1 |

2.5 No. of Alumni | 1 |

2. 6 No. of any other stakeholder and

community representatives | 01 (HEADQUARTERS INTEGRATED DEFENCE STAFF, MINISTRY OF DEFENCE, GOVT OF INDIA) |

2.7 No. of Employers/ Industrialists | Nil (GOVT OF INDIA) |

2.8 No. of other External Experts | - |

2.9 Total No. of members | 22 |

2.10 No. of IQAC meetings held

One per quarter

2.11 No. of meetings with various stakeholders :

Faculty

16

10

Non-Teaching Staff 2   Students 2   Alumni 2   Others -

2.12 Has IQAC received any funding from UGC during the year?   Yes ☐ No ☑

If yes, mention the amount   -

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC every year

Total Nos. 7   International 3   National 4   State -   Institution Level -

(ii) Themes

Institution level Seminars with external Subject Matter Experts conducted on various themes related to enhancing quality of education being imparted, by providing holistic, all round exposure to defence management subjects

Theme of Annual National Seminar: 2020-2021 – **TRANSFORMATION OF IMPERATIVES FOR THE INDIAN ARMED FORCES.**

2.14 Significant Activities and contributions made by IQAC

(a) Updation of Course Content.

(b) Consultation with Academia for projects.

(c) Contributing articles for various journals both within and outside CDM for publication.

(d) Customised FDPs.

(e) Additional Ph.D vacancies.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

	Plan of Action	Achievements
(a)	Creation of DS Prayer Rooms within Faculty Offices	Action is in hand for procurement of conference table which can also accommodate PCs that will b e required for each DS during DS prayer. Conference chairs also in the process of being procured.
(b)	Upgradation of DS PCs	Completed.
(c)	Upgradation of IT Infra in Data Analytics Lab (DAL)	Under progress.

*** Attach the Academic Calendar of the year as Annexure.**

2.16 Whether the AQAR was placed in statutory body   Yes [√]   No [ ]

Management [√]   Syndicate [ ]   Any other body [ ]

Provide the details of the action taken

AQAR scrutinised and refined by stakeholders as well as Head of Faculty. Final approval of the AQAR by the Head of the Institute and Chairman IQAC.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	01 (MoU)	-	-	-
PG	02 (MMS, M.Phil)	-	-	-
Research Fellowship	01	-	-	-
UG	-	-	-	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	02 (MDPs)	-	-	-
Others	14 (External capsules)	-	-	-
Total	20	-	-	01

Interdisciplinary	20	-		01
Innovative	-	-		

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open Options : Fixed Syllabus
(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	Nil
Trimester	01
Annual	Nil

1.3 Feedback from stakeholders* Alumni [√]   Parents [-]   Employers [√]   Students [√]

(On all aspects)
Mode of feedback : Online [√] Manual [√] Co-operating schools (for PEI) [-]

Please provide an analysis of the feedback in the Annexure

1.4 Whether there is any revision/ update of regulation or syllabi, if yes, mention their salient aspects.

> Syllabus refined every year internally by respective Heads of Department to keep it contemporary and reviewed every Three Years in consultation With Osmania University

1.5 Any new Department/Centre introduced during the year. If yes, give details.

Nil

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
49	-	-	-	-

All are service officers posted on deputation from Army, Air Force and Navy.

2.2 No. of permanent faculty with Ph.D.

-

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
-	-	-	-	-	-	-	-	-	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

79

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops		08 (FDPs)	
Presented papers			
Resource Persons			

2.6 Innovative processes adopted by the institution in Teaching and Learning:

(a) Handouts on various procedure based exercises like Big Data Analytics, MS Excel, MS Project etc prepared and handed over to participants for posterity and ease of use.

(b) Open source software for qualitative analysis developed by ISB has been obtained with permission of the developer and handed over to participants for use during dissertations

(c) Mentor Directing Staff assigned to four /five participants to act as an academic guide to identify suitable areas for research in dissertations and case studies and enable them to deliver quality outputs.

(d) Courseware has been revised to keep the content contemporary. Handbooks on specific themes of management have been prepared by Faculties and published by FR&C for reference by participants of short courses.

(e) Big data analytics lab is being utilised effectively during the war game and projects.

2.7 Total No. of actual teaching days during this academic year –

| 39 Weeks |

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

| Evaluation by a team of faculty members continues.
Online evaluation of answer sheets is continued.
Online Multiple Choice Question during quiz test. |

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

| 08 |

2.10 Average percentage of attendance of students

| 98 |

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Higher Defence Management Course	159	83	16	1	-	100
Senior Defence Management Course	- (covid)	-	-	-	-	-
Management Development Programs	44	-	-	-	-	100
Certificate Course on Social Awareness & Life Skills	53 Ladies	-	-	-	-	100

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes.

(a) Monitoring of progress of various initiatives undertaken / directions given to enhance quality of teaching during quarterly IQAC meets.

(b) Regular feedback from students on quality of Guest Lectures as well as subject content & delivery and instituting mechanisms to improve upon the shortcomings.

(c) Standardisation of feedback format to make it amenable to analysis.

(d) Organization of workshops, seminars and conferences on quality related themes.

(e) Undertaking detailed documentation of various activities leading to quality improvement.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	-
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes / Train the Trainer Capsule for newly posted faculty members	16
Faculty exchange programme	-
Staff training conducted by the college (Power BI, Advanced Excel, RM Workshop, Guest Lectures)	45
Staff training conducted by other institutions (Kaivalyadham Institute, ASCI etc)	06
Summer / Winter schools, Workshops, etc.	NA
Others (Management Development Programs conducted by IIMs, ISB, XLRI)	09
M. Phil & Ph. D. enrolment	17 (12+5)

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	137	-	-	02
Technical Staff	85	-	-	-

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

(a) Provide regular/informal counselling sessions and monitor progress of the Ph.D/M.Phil students.

(b) Encourage the scholars to attend workshops on subject matter and Research Methodology.

(c) Provide inputs to the Faculty of Research and Consultancy on the specific requirements of Books and Periodicals for scholars.

(d) Co-ordinate with eminent institutes for obtaining expert inputs for research projects.

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	05	00	05	-
Outlay in Rs. Lakhs	65.33	00	62.33	-

3.3   Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	15	00	15	-
Outlay in Rs. Lakhs	22.806	00	22.806	-

3.4   Details on research publications

	International	National	Others
Peer Review Journals	NIL	Defence Management Journal - Dur Drishti ISSN (Print) : 0976-7347, ISSN (Online) : Applied for (2 Issues per yr)	
Non-Peer Review Journals	-	China Study Forum Journal (Limited Edition) Pakistan Study Forum Journal Indian Cultural Study Forum	(a) Annual News Letter of CDM – Sameeksha (One issue per year) (b) CDM Causerie – Tarang (One issue per year)
e-Journals	-	-	-
Conference proceedings	-	-	-
Dissertations	-	-	159

3.5   Details on Impact factor of publications: NA due to limited circulation

Range [-]   Average [-]   h-index [-]   Nos. in SCOPUS [-]

3.6   Research funds sanctioned and received from various funding agencies, industry and other organisations – **NA**, funded by GoI

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				

Projects sponsored by the University/ College				
Students research projects (other than compulsory by the University)				
Any other(Specify)				
Total				

3.7 No. of books published   i) With ISBN No. [01]   Chapters in Edited Books [ ]

ii) Without ISBN No. [03]   [-]

3.8 No. of University Departments receiving funds from   :   NA

UGC-SAP [ ]   CAS [ ]   DST-FIST [ ]

DPE [ ]   DBT Scheme/funds [ ]

3.9 For colleges   Autonomy [ ]   CPE [ ]   DBT Star Scheme [ ]

INSPIRE [ ]   CE [ ]   Any Other (specify) [ ]

3.10 Revenue generated through consultancy   [Nil, being a defence service institute]

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-	-	-	-	-
Sponsoring agencies	-	-	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations   International [02]   National [-]   Any other [-]

3.14 No. of linkages created during this year   [-]

3.15 Total budget for research for current year in lakhs   : Not applicable since it is a Govt. Institution

From Funding agency [ ]   From Management of University/College [ ]

Total [ ]

3.16 No. of patents received this year - Nil

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year   -   Nil

Total	International	National	State	University	Dist	College
-	-	-	-	M. Phil. – 08 Ph.D. – 05	-	-

Officers awarded M.Phil. by Osmania University

3.18 No. of faculty from the Institution who are Ph. D. Guides | Nil |

and students registered under them | Nil |

3.19 No. of Ph.D. awarded to faculty from the Institution | NA |

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)   Nil

JRF | | SRF | | Project Fellows | | Any other | |

3.21 No. of students Participated in NSS events: NA

University level | | State level | |

National level | | International level | |

3.22 No. of students participated in NCC events: NA

University level | | State level | |

National level | | International level | |

3.23 No. of Awards won in NSS: NA

University level | | State level | |

National level | | International level | |

3.24 No. of Awards won in NCC: NA

University level | | State level | |

National level | | International level | |

3.25 No. of Extension activities organized   NA

University forum ☐   College forum ☐

NCC ☐   NSS ☐   Any other ☐

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

(a)   Certificate Course on Social Awareness & Life Skills.
(b)   Swachh Bharat Week.
(c)   International Yoga Day.
(d)   International Environment Day with Tree Plantation.
(e)   Vigilance & Security Awareness Week.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	19829.00 Sq Mtrs	Nil	Public Fund	19829.00
Class rooms	3752.71 Sq Mtrs	Nil	Public Fund	3752.71
Laboratories	Nil	Nil	Nil	-
Seminar Halls	02	-	Public Fund	-
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	-	(a) Procurement of USB Web camera in the month of 08/2020. (b) Procurement of Multi Port Network Card in the month of 08/2020. (c) Procurement of Interactive Board in the month of 08/2020. (d) Operationalisation of social distancing measures by activation of live Audio Video Solution between Ashoka Auditorium and Vivekananda		Rs. 0.25 Rs. 0.25 Rs. 0.47 Rs. 2.54

		Convention Centre under current COVID-19 situation at CDM in the month of 10/2020.		
		(e) Procurement of plan telephones and misc items at CDM in the month of 10/2020.		Rs.0.49
		(f) Procurement of 02 x USB Integrated Mic with Speaker Sound Catcher in the month of 10/2020.		Rs. 0.25
		(g) Procurement of IT eqpt for providing network connectivity in Vyas Classroom for conduct of Senior Defence Management Course and Management Development Programme to meet social distancing requirement under present COVID-19 situation in the month of 11/2020.		Rs. 4.81
		(h) Procurement of Video Projector in the month of Jan 2021.		Rs.14.46
		(j) Procurement of 180 x PCs in the month of Mar 2021.		Rs.97.02
		(k) Development of Training Management Software in the month of Mar 2021.		Rs. 2.18
		(l) Procurement of IP Exchange (400 lines) in the month of Mar 2021.		Rs.41.60
Value of the equipment purchased during the year (Rs. in Lakhs)	-	-	Public Fund	Rs.164.35
Others	-	-	-	-

4.2 Computerization of administration and library

(a) Ongoing e-Books repository creation underway.
(b) Digitised Issue/return of books has been operationalised.
(c) Press-reader – Subscription of Online Newspapers and Magazines.
(d) Subscription of Online Year Book – SIPRI.

4.3 Library Services

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	45599	22966720	382	481229	45981	23447949
Reference Books	5073	5241520	-	-	5073	5241520
e-Books	-	-	-	-	-	-
Journals	66	303619	-	-	66	223469
e-Journals	-	-	-	-	-	-
Digital Database	01	417974	-	-	01	414569
CD & Video	541	12934	-	-	541	12934
Others (specify)	7968	-	331	0	8299	-

4.4 Technology up gradation (overall) IT

	Total Comp uters	Thin Client PCs	Comp uter Labs	Inter net	Browsing Centres	Computer Centres	Office	Depar t- ments	Othe rs
Existing	477	319	03	118	02	01	06	01	
Added	56	25	-	-	-	-	-	-	
Total	852		-	118	02	01	06	01	

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

(a) Online Trg Capability on internet & intranet .
(b) Social Distancing Capability using technology.
(c) Use of AV modules.
(d) Use of CDM Next cloud for file storage and sharing.
(e) Establishment of UCMS for exploiting NKN.
(f) Deployment of Quixy software for progress of the college automation.
(g) Establishment of Alumini Portal for interaction with various aluminis of HDMC.
(h) **LMS**.   Learning Management System has been developed by NeGD (National e-governance division) of meity. LMS has enabled the participants of HDMC-18 to access the course content on the internet. It is specifically useful to those participants who are staying outside in HRS and don't have access to the campus network.
(j) Online PG Diploma in Cyber Law.   Cyber investigation and Digital Forencis NeGD is association with National law Institute University (NILU) Bhopal. Under the Digital India Programme is conducted a PG Diploma. Around 15 officers of permanent staff are undergoing the course for a period of 09 months.

4.6 Amount spent on maintenance in lakhs :

i) ICT

165.18

ii) Campus Infrastructure and facilities

88.13

iii) Equipments

-

iv) Others

-

Total :

253.31

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

(a) Open House sessions conducted by Chairman IQAC over & above semester & end of course feedback.

(b) Review of administrative infrastructure of course students in IQAC meet.

5.2 Efforts made by the institution for tracking the progress

(a) Regular weekly update by all faculties to Chairman.

(b) Fortnightly conference of Heads of Faculty with the Chairman to discuss & monitor quality aspects.

(c) IQAC meet conducted every quarter.

(d) Academic Review & Academic Council meet conducted annually.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
-	159		

(b) No. of students outside the state

-

(c) No. of international students

12

No	%	
156	98	Men

No	%	
3	2	Women

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total

Demand ratio   Dropout %

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

> Additional class room sessions conducted for weak students for the course syllabus only.

No. of students beneficiaries   30

5.5 No. of students qualified in these examinations

NET   -   SET/SLET   -   GATE   -   CAT   -

IAS/IPS etc   -   State PSC   -   UPSC   -   Others

IPMA
Level D- 46
Level C- 12
Level B- 10

5.6 Details of student counselling and career guidance

> (a) Students individually counselled by the faculty. Extra classes scheduled for week students.
>
> (b) All students interviewed individually by Head of Faculty every semester and once during the course by the Chairman
>
> (c) Service wise Interaction and counselling of all students by respective HR appointments of the three services to decide on their future profile as per the qualification achieved and area of specialisation.

No. of students benefitted   159

5.7 Details of campus placement   NA

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
-	-	-	-

5.8 Details of gender sensitization programmes

-

5.9 Students Activities

5.9.1   No. of students participated in Sports, Games and other events – 150 (college level)

State/ University level [ ]   National level [ ]   International level [ ]

No. of students participated in cultural events - NA

State/ University level [ ]   National level [ ]   International level [ ]

5.9.2   No. of medals /awards won by students in Sports, Games and other events - NA

Sports : State/ University level [ ]   National level [ ]   International level [ ]

Cultural: State/ University level [ ]   National level [ ]   International level [ ]

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	-	-
Financial support from government	-	-
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

5.11   Student organised / initiatives

Fairs   : State/ University level [-]   National level [-]   International level [-]

Exhibition: State/ University level [-]   National level [-]   International level [-]

5.12   No. of social initiatives undertaken by the students   [01]

5.13   Major grievances of students (if any) redressed: Nil

Criterion – VI

6. <u>Governance, Leadership and Management</u>

6.1 State the Vision and Mission of the institution

> **Vision**. To be the nation's leading centre of excellence in developing management thought to optimise the effectiveness of the armed forces for meeting the challenges to national security.
>
> **Mission**. To develop and impart the skills of management thought that leads to effective decision making, enlightened resource management in a knowledge centric environment to enhance the effectiveness of the armed forces.

6.2 Does the Institution have a management Information System

Yes

6.3 Quality improvement strategies adopted by the institution for each of the following:

(a) Syllabus has been kept contemporary by refining & updating precis of all subjects every year internally by respective Heads of Department.

(b) Course curriculum is reviewed every Three Years in consultation With Osmania University.

(c) Overall course curriculum is reviewed every year in ACM & ARM and the previous course feedback is incorporated appropriately.

(d) Defence Procurement procedures and changes in the Higher defence organisation incorporated in the syllabus

(e) Conduct of regular quiz tests to maintain continuity of learning.

(f) Comprehensive review of syllabus for approval Osmania University have been completed.

6.3.2 Teaching and Learning

(a) To remain contemporary seminars / workshops / panel discussions / Guest Lectures are conducted with Subject Matter Experts of repute being invited both from the services and the civil.

(b) Mentor Directing Staff assigned to four /five participants to act as an academic guide to identify suitable areas for research in dissertations and case studies and enable them to deliver quality outputs.

(c) Modalities of Inter Faculty Teaching & Modularisation of subject delivery being evolved.

(d) Introduction of Seminar on Space based technology, Research Fellowship by Army Offrs and modularisation in subject delivery completed.

6.3.3 Examination and Evaluation

(a) Online evaluation adopted for all the written examinations.

(b) Multiple Choice and other objective type questions introduced to lay emphasis on overall knowledge over rote based learning.

(c) Coding and decoding system is practised in evaluating the answer scripts of the participants by a team of evaluators to enhance objectivity.

(d) Regular quiz test introduced to maintain continuity of learning.

(e) Refinement of assessment methodology to enhance objectivity.

6.3.4 Research and Development

(a) Inclusion of Qualitative Research by Student, Several open source tools, data analysis are under evaluation for introduction in the classroom.

(b) Conduct of Research Methodology Workshop for students prior to allotment of dissertation topics.

(c) Encouraging faculty members to enrol for Ph.D & M.Phil in management from Osmania University.

(d) Maximum faculty members encouraged to write articles / papers for in house as well as external service publications.

(e) Dissertation work undertaken by all students of Higher Defence Management Course including foreign students.

6.3.5 Library, ICT and physical infrastructure / instrumentation

(a) 100 Mbps Internet connection incorporating National Knowledge Network (NKN) available

(b) Adequate number of classrooms, conference halls and auditoriums for central discussion available.

(c) Creation of additional Classrooms.

(d) Renovation of Single officers accommodation undertaken.

(e) Maintenance and upkeep in terms of whitewash, tiling etc undertaken for Married officers accommodation at Dhruva

6.3.6 Human Resource Management

(a) Faculty development by giving opportunity to attend MDPs at reputed Management institute.

(b) Attendance of International and National level seminars & conferences by faculty members.

6.3.7 Faculty and Staff recruitment

MoD / GoI

6.3.8 Industry Interaction / Collaboration

(a) Management Education Tours to various industries across India conducted every year.

(b) Industry Secretary of all states are contacted prior to Management Education Tours.

(c) CDM is lifetime member of AIMA. The Chairman is a distinguished invitee to the AIMA council meet and one Head of Faculty is a member on the AIMA board. Collaboration with industries during the Management Education Tours also carried out through Local Management Associations of AIMA.

6.3.9 Admission of Students

(a) Students are nominated by the three services, coast guard and administrative services as well as by friendly foreign countries based on their merit and outstanding performance over a career spanning 20 – 25 years.

6.4 Welfare schemes for

Teaching	Picnic conducted for Civilian Staff.
Non teaching	Regular social interactions conducted for the teaching staff
Students	Social Awareness and Life Skill program for Spouses. Ecological Club for enhancing environmental awareness amongst children.

6.5 Total corpus fund generated

Nil

6.6 Whether annual financial audit has been done   √ Yes   ☐ No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	HQ IDS (MoD)	Yes	College
Administrative	Yes	HQ IDS (MoD)	Yes	College

6.8 Does the University/ Autonomous College declares results within 30 days? NA

For UG Programmes   Yes ☐   No ☐

For PG Programmes   Yes ☐   No ☐

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

NA

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

NA

6.11 Activities and support from the Alumni Association

> (a) Alumni invited as guest speakers for various domain expertise and also interact with faculty and students to provide inputs for quality enhancement of intellectual output of the college.

6.12 Activities and support from the Parent – Teacher Association

> NA

6.13 Development programmes for support staff

> Six monthly training on basic computer skills and Microsoft office software.
>
> Inter service refresher courses

6.14 Initiatives taken by the institution to make the campus eco-friendly

> (a) Conduct of environment awareness programme.
>
> (b) Environmental audit committee formed.
>
> (c) Green initiatives in the form of Solar Tree installation and additional tree plantations undertaken.
>
> (d) Additional machines for Arboriculture have been procured.
>
> (e) Plantation and establishment of a Herbal Garden.

Criterion – VII

7. Innovations and Best Practices

7.1. Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

> (a) Entire repository of knowledge bank of college has been digitised and is now available to all students and faculty members on their PCs.
>
> (b) Data Analytics included in the syllabus and data analytics projects are being undertaken at the service headquarters level.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

> (a) Weekly update by all faculties to Chairman to monitor progress on directions passed / actions taken.
>
> (b) Fortnightly conference of Heads of Faculty with the Chairman to discuss & monitor progress of goals / plan of action decided in the beginning of the year.
>
> (c) IQAC meet conducted every quarter.
>
> (d) Academic Review & Academic Council meet conducted annually to review & revise goals.

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

> (a) High student teacher ratio.
> (b) Syndicate based classroom to permit participative and all round learning.
> (c) State of the art class rooms and infrastructure provided to the students for faster learning.

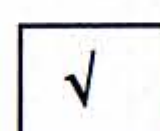***Provide the details in annexure (annexure need to be numbered as i, ii,iii)***

7.4 Contribution to environmental awareness / protection

> Paper less interactions.
> Emphasis on Green campus

7.5 Whether environmental audit was conducted?　　　Yes　　　　　No

√　　　☐

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

> Nil

8. **Plans of institution for next year**

> (a) Pursue the case for hiring of Civilian faculty as assistant professors to augment the quality of subject delivery.
>
> (b) Enhancing external connect with academic institute of repute to benefit from best practices.
>
> (c) Identify and establish specific connect with subject matter specialised institutions.

(d) Identify and invite experts from industry and academia.

(e) Explore feasibility to establish MoUs with more institutions for Ph.D.

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