

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

2019

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year (for example 2013-14)

2018-19

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:

Maj Gen Sandeep Sharma, AVSM,
VSM, Ph.D.

Tel. No. with STD Code:

040-27862548

Mobile:

8527655777

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 2016-17.pdf

1.6 Accreditation Details

Sl. No .	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	2 nd 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 2017-18, submitted post NAAC Accreditation in Oct 2016 in Jan 2018.

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	<input type="text" value="NA"/>		
University with Potential for Excellence	<input type="text" value="-"/>	UGC-CPE	<input type="text" value="-"/>
DST Star Scheme	<input type="text" value="-"/>	UGC-CE	<input type="text" value="-"/>
UGC-Special Assistance Programme	<input type="text" value="-"/>	DST-FIST	<input type="text" value="-"/>
UGC-Innovative PG programmes	<input type="text" value="-"/>	Anyother(Specify)	<input type="text" value="-"/>
UGC-COP Programmes	<input type="text" value="-"/>		

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="12"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="04"/>
2.3 No. of students	<input type="text" value="3"/>
2.4 No. of Management representatives	<input type="text" value="1"/>
2.5 No. of Alumni	<input type="text" value="1"/>
2. 6 No. of any other stakeholder and community representatives	<input type="text" value="01 (HEADQUARTERS INTEGRATED DEFENCE STAFF, MINISTRY OF DEFENCE, GOVT OF INDIA)"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="Nil (GOVT OF INDIA)"/>
2.8 No. of other External Experts	<input type="text" value="-"/>
2.9 Total No. of members	<input type="text" value="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.	12	International	2	National	5	State	-	Institution Level	5
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(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: 2018-2019 – **TRANSFORMATION OF ARMED FORCES, STRATEGIC CONTOURS TO SHAPE THE EMERGING WORLD ORDERS.**

2.14 Significant Activities and contributions made by IQAC

- (a) Timely and progressive monitoring of academic, administrative and financial goalposts and tasks to ensure quality sustenance.
- (b) Generating new ideas / concepts and evolving execution methodology for the same to endeavour continuous quality enhancement.
- (c) Re-evaluation of format of question papers for conduct of Exams to increase weightage of objective questions to test overall knowledge of the subject.
- (d) Improvement and standardisation of feedback being obtained from students as well as alumni.
- (e) Evolving methodology for modularisation of subject delivery to enhance quality.
- (f) Digitisation of knowledge bank of dissertation, case studies, papers existing in the college.
- (g) Conduct of regular quiz tests to maintain continuity of learning.
- (h) Refinement of assessment methodology to enhance objectivity.
- (j) Migration to new virtual learning environment for better knowledge management.

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)	Review of syllabus prior to commencement new academic session.	Completed. Syllabus for all subjects revised and contemporary topics included
(b)	Establishment of War Gaming Cell.	In Progress.
(c)	Introduction of Data Analytics.	Completed. Data Analytics has not only been included in the syllabus but data analytics projects are being undertaken at the service headquarters level.
(d)	Inclusion of Qualitative Research by Students.	Completed. Further, 'R' software based tools for qualitative data analysis are under evaluation for introduction in the classroom.
(e)	Guest lecture by distinguished alumni to reinforce relevance of the management tools taught.	Completed.
(f)	Introduction of Inter Faculty Teaching.	Partially completed.
(g)	Introduction of Seminar on Space based technology.	Completed.
(h)	Submission of revised syllabus for approval to Osmania University.	Completed.
(i)	Introduction of Research Fellowship by Army Offrs at CDM.	Completed.
(k)	Enhanced Research by Faculty members.	Faculty members being encouraged to write articles for accredited journals as well as present papers in National level Conferences. Further, faculty driven projects are also being undertaken. Faculty members are undertaking M.Phil Research as well as Doctoral Research.
(l)	Introduction of modularisation in subject delivery.	Completed.

*** 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	10 (MDPs)	-	-	-
Others	15 (External capsules)	-	-	-
Total	27	-	-	01
Interdisciplinary	27	-		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.

Pak study forum initiated for conduct of research on contemporary issues affecting the security environment by volunteer offers on the lines of existing China Study forum.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
43	-	-	-	-

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

2.2 No. of permanent faculty with Ph.D.

03

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

69

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	02	14 (FDPs)	
Presented papers		02	
Resource Persons			

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

- (a) Participative and interactive learning for students. 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 academia.
- (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) Courseware has been kept contemporary by constantly updating precis with the latest update of subjects. In addition 13 sets of handbooks on specific themes of management have been prepared by Faculties and published by FR&C for reference by participants of short courses.
- (d) A management development program on 'Big Data Analytics' has been introduced for service officers.
- (e) A big data analytics facility has been created for further specialisation in the subject.
- (f) The operations management content of the course essentially required by service officers has been enhanced.

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

44 Weeks

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

Multiple Choice and other objective type questions introduced to shift focus on overall understanding than rote based learning.

Evaluation by a team of faculty members to increase objectivity.

Online evaluation of answer sheets formalised.

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

10

2.10 Average percentage of attendance of students

97-98

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	154	77	23	-	-	100
Senior Defence Management Course	58	-	-	-	-	100
Management Development Programs	298	-	-	-	-	100
Certificate Course on Social Awareness & Life Skills	32	-	-	-	-	100

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

- Monitoring of progress of various initiatives undertaken / directions given to enhance quality of teaching during quarterly IQAC meets.
- Regular feedback from students on quality of Guest Lectures as well as subject content & delivery and instituting mechanisms to improve upon the shortcomings.
- Standardisation of feedback format to make it amenable to analysis.
- Organization of workshops, seminars and conferences on quality related themes.
- Undertaking detailed documentation of various activities leading to quality improvement.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	-
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes / Train the Trainer Capsule for newly posted faculty members	17
Faculty exchange programme	04
Staff training conducted by the college (Power BI, Advanced Excel, RM Workshop, Guest Lectures)	46

Staff training conducted by other institutions (Kaivalyadham Institute, ASCI etc)	07
Summer / Winter schools, Workshops, etc.	NA
Others (Management Development Programs conducted by IIMs, ISB, XLRI)	14
M. Phil & Ph. D.	14 (3+11)

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) Encouraging faculty members to enrol for Ph.D & M.Phil in management from Osmania University.
- (b) Maximum faculty members encouraged to write articles / papers for in house as well as external service publications.
- (c) Dissertation work undertaken by all students of Higher Defence Management Course including foreign students.
- (d) Consultancy projects for the three services undertaken by faculty members as well as students, after due deliberation and analysis of feasibility and likely outcome by a committee of experts headed by the Chairman.
- (e) Two faculty driven consultancy projects undertaken on behalf of MoD during the year.
- (f) International connect with Eisenhower School of National Security and Resource Strategy, USA and Cranfield University, UK as well as with ISB, Hyderabad and BITS, Hyderabad campus has been established to learn from best practices of teaching.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	17	03	20	-
Outlay in Rs. Lakhs	171.14	139.82	311.56	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	20	02	22	-
Outlay in Rs. Lakhs	32.101	3.82	35.921	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals		Defence Management Journal - Dur Drishti ISSN (Print) : 0976-7347, ISSN (Online) : Applied for (2 Issues per yr)	
Non-Peer Review Journals	-		(a) Annual News Letter of CDM – Sameeksha (One issue per year) (b) CDM Causerie – Tarang (One issue per year)
e-Journals	-		
Conference proceedings			
Dissertations			154

3.5 Details on Impact factor of publications:

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 Gol

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 (<i>other than compulsory by the University</i>)				
Any other(Specify)				
Total				

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

ii) Without ISBN No.

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

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	01	02	-	-	-
Sponsoring agencies	MoD	MoD	-	-	-

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

3.13 No. of collaborations International 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. – 06 Ph.D. – 03	-	-

Officers awarded M.Phil. by Osmania University

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

and students registered under them

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

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	18634.52 Sq Mtrs	500.00 Sq Mtrs (Addl store Room)	Public Fund	19134.52
Class rooms	2878.02 Sq Mtrs	721.50 Sq Mtrs	Public Fund	3599.52
Laboratories	Nil	Nil	Nil	-
Seminar Halls	02	-	Public Fund	-
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	-	Firewalls-02 Printers-23 Video Conf cameras-03 2GB RAMs-200 Software Licenses-769-	Public Fund	Rs.16.99 Rs.6.28 Rs.2.33 Rs.67.11 Rs.12.29
Value of the equipment purchased during the year (Rs. in Lakhs)	-	-	Public Fund	Rs.39.92
Others	-	Major Projects in Pipeline 3x3 Display wall for conference hall.	Public Fund	Rs.60.79 Rs.49.72 Rs.11.30 Rs.0.83

		Procurement of 153xThinclinets Procurement of 18xDesktop PCs. Design & of Web Portal for NKN. Design & Development of Alumni Web Portal.		Rs.0.86
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4.2 Computerization of administration and library

- (a) Four Internet PCs with Proquest and ebrary software for online journals & publications available in the Library.
- (b) Thin clients / PC available to all students and faculty members for coordinating academic sessions and other administrative activities.
- (c) Entire repository of digitised databank to include Dissertations, Case Studies, Project Report etc. available to all students and faculty members on their PCs as well as in the Reference Section in library.
- (d) Automated issue and deposit system in library to enable easy access to knowledge material.

4.3 Library Services

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	44810	22158550	516	582356	45326	22740906
Reference Books	5050	5025200	-	-	-	5025200
e-Books	-	-	-	-	-	-
Journals	72	388569	-	-	72	388569
e-Journals	-	-	-	-	-	-
Digital Database	01	464625	-	-	01	464625
CD & Video	541	12934	-	-	541	12934
Others (specify)	7626	-	342	0	7968	-

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	500	291	03	110	03	01	04	01	
Added	Nil	25	-	5	-	-	-	-	
Total	834		-	115	-	-	-	-	

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

- (a) A new virtual learning environment for hosting study materials and modules for feedback, online survey, notices and online quiz for all participants.
- (b) Six new state-of-the art Virtual Class Rooms equipped with following facilities have been made functional:-
- Interactive Smart boards and Smart Podium with touch screen.
 - 10G supported Campus Wide Network and National Knowledge Network.
 - Videoconferencing and video recording facility.
 - Two 50 KVA UPSs with hot standby mode with 8 hours of backup.
- (c) A new facility centre with four Internet PCs, four CWN PCs, two standalone PCs and two heavy duty printers has been commissioned in Apr 2019.
- (d) Virtual Terrain Room with latest VR head gear have been commissioned for better assimilation and planning during operational exercises.
- (e) 02 x NIC based CDM websites viz <https://cdm.ap.nic.in> and <https://cdm.telangana.nic.in>.
- (f) 100 Mbps Internet connection on National Knowledge Network (NKN) with 100 Mbps (BSNL) standby internet connection.
- (g) Course work/Lectures on Information, Communication and Technology (ICT) panel matters.
- (h) Guest lectures & exercises on Cyber Security.
- (j) Training session on “Artificial Intelligence & Power BI” for faculty members by subject matter Experts.

4.6 Amount spent on maintenance in lakhs :

i) ICT

70.27

ii) Campus Infrastructure and facilities	242.42
iii) Equipments	-
iv) Others	-
Total :	356.29

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- (a) Senior student officers part of IQAC meeting.
- (b) Open House sessions conducted by Chairman IQAC over & above semester & end of course feedback.
- (c) Review of administrative infrastructure of course students in IQAC meet conducted every quarter.

5.2 Efforts made by the institution for tracking the progress

- (a) 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
-	154		365

(b) No. of students outside the state -

(c) No. of international students 11

No	%
155	100

Men

No	%
00	0

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

45

5.5 No. of students qualified in these examinations

NET	-	SET/SLET	-	GATE	-	CAT	-
IAS/IPS etc	-	State PSC	-	UPSC	-	Others	IPMA Level D- 40 Level C- 20

5.6 Details of student counselling and career guidance

- (a) All students interviewed individually by Head of Faculty every semester and once during the course by the Chairman
- (b) 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

154

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

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

Criterion – VI

6. Governance, Leadership and Management

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:

6.3.1 Curriculum Development

- (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) Additional capsules on Indian Philosophy, Cyber Security etc have been introduced.
- (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) Multiple Choice and other objective type questions introduced to lay emphasis on overall knowledge over rote based learning.
- (b) Coding and decoding system is practised in evaluating the answer scripts of the participants by a team of evaluators to enhance objectivity.
- (c) Regular quiz test introduced to maintain continuity of learning.
- (d) Refinement of assessment methodology to enhance objectivity.

6.3.4 Research and Development

- (a) Inclusion of Qualitative Research by Students. “R” based tools for qualitative 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) Four Internet PCs with Proquest and ebrary software for online journals & publications available in the Library.
- (b) Entire repository of digitised databank available to all students and faculty members on their PCs.
- (c) Virtual learning environment with Thin clients / PC available to all students and faculty members for online exam, feedback & coordination
- (d) 100 Mbps Internet connection incorporating National Knowledge Network (NKN) available
- (e) Adequate number of classrooms, conference halls and auditoriums for central discussion available.
- (f) Creation of additional Classrooms.

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 / Gol

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	E-Ticketing introduced for Army, Navy & DSC. Picnic for Civilian Staff.
Non teaching	
Students	Social Awareness and Life Skill program for Spouses. Ecological Club for enhancing environmental awareness amongst children.

6.5 Total corpus fund generated

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 come as guest speakers for various domain expertise and also 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.

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.

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

7.4 Contribution to environmental awareness / protection

Green initiatives in the form of Herbal Garden Plantation, Solar Tree installation and additional tree plantations undertaken

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) 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) Establishing CDM as a nodal centre for research fellowship program and IPMA level D & level C qualification in the three services.
- (d) Introduction of Management Development program on 'Research Methodology' for service officers.

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Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC
