Nitte University

(Deemed University under Section 3 of UGC Act, 1956)

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year

> 2013-14

1. Details of the Institution

1.1 Name of the Institution

> **NITTE UNIVERSITY**

1.2 Address Line 1

> University Enclave

Address Line 2

> Medical Sciences Complex, Deralakatte

City/Town

> Mangalore

State

> Kartnataka

Pin Code

> 575018

Institution e-mail address

> nitteuniversity@nitte.edu.in

Contact Nos.

> 0824-2204300/01/02/03

Name of the Head of the Institution:

> Prof.(Dr.) S. Ramananda Shetty

Tel. No. with STD Code:

> 0824-2204404

Mobile:

+919008794195

Name of the IQAC Co-ordinator:

Dr. Rajshekar M.

Mobile:

+917259002633

IQAC e-mail address:

iqac@nitte.edu.in

1.3 **NAAC Track ID**

KAUNGN10154

OR

1.4 **NAAC Executive Committee No. & Date:**
*(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)*

1.5 Website address:

www.nitte.edu.in

Web-link of the AQAR:

www.nitte.edu.in/AQAR2013-14.pdf

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	A	3.11	2013	5 years
2	2nd Cycle				
3	3rd Cycle				
4	4th Cycle				

1.7 Date of Establishment of IQAC :   DD/MM/YYYY

17-11-2013

1.8   Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((*for example AQAR 2010-11submitted to NAAC on 12-10-2011*)

   i.   AQAR 2013-14 submitted on 06/11/2015
   ii. AQAR_____-- _____ (DD/MM/YYYY)
   iii. AQAR_____--_____ (DD/MM/YYYY)
   iv. AQAR_____--_____ (DD/MM/YYYY)

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)*   [Not Applicable]

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

Autonomy by State/Central Govt. / University [--]

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 [07]

2.2 No. of Administrative/Technical staff [07]

2.3 No. of students [01]

2.4 No. of Management representatives [01]

2.5 No. of Alumni [01]

2. 6 No. of any other stakeholder and

community representatives [01 (Parent)]

2.7 No. of Employers/ Industrialists [--]

2.8 No. of other External Experts [02]

2.9 Total No. of members [20]

2.10 No. of IQAC meetings held   02

2.11 No. of meetings with various stakeholders: No. [   ]   Faculty [02]

Non-Teaching Staff Students [02]   Alumni [01]   Others [02]

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

Total Nos. | 9 | International | - | ational | - | te | Ins | - | on Level | | 9 |

(ii) Themes | Quality Assurance in Higher Educational Institutions |

2.14 Significant Activities and contributions made by IQAC

1. Staff were encouraged to submit Research Projects for External Funding – 32 Projects received funding
2. International conference on Radiation Biology conducted
3. Update course contents - Basic Life Support Training made compulsory for interns and Postgraduates
4. Software driven attendance and progress monitoring of students ("Chaitanya") for UG courses implemented.

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

No.	Plan of Action	Outcome
1.	Upgradation of Research facilities	To enhance research activities and provide facilities for interdisciplinary research.
2.	Increasing research output through an incentive scheme	Improve the number of publications in refereed journals so that the quality of paper is enhanced.
3.	Enhancing external funding for research projects by providing seed money to the faculty and expert guidance to prepare project reports for submission to agencies.	To prepare and submit projects for external funding. 13 Projects submitted 32 Projects receive external funding
4.	Revision /updating course curriculum by including subjects like professional ethics and Humanities at UG level.	Providing holistic education keeping in mind the vision and mission of the University.
5.	To start new courses	To move into areas of other health sciences
6.	To encourage institution to conduct national/International conferences	To provide opportunity to faculty and students to interact with external experts and develop useful academic linkages.
7.	To introduce innovative methods in Teaching-Learning	To improve clinical teaching
8.	Upgradation of infrastructure and Learning resources	For better patient management and care To improve skills and knowledge of students

2.15 Whether the AQAR was placed in statutory body   Yes   √

Management   √   Syndicate   ☐   Any other body   ☐

Provide the details of the action taken

1. Centre for Animal Research and Experimentation established (NUCARE)

2. Centre for Science Education and Research (NUCSER) established.

3. Full fledged R & D Directorate to support faculty in preparation of project proposals and provide facilities for advanced research

4. IVF Centre established.

5. UG and PG courses in Journalism and Mass Communication were started.

6. UG and PG courses in Biomedical Science were started.

7. Subjects like Constitution of India and Human Rights, Gender Equity and Environmental Studies made compulsory for UG courses

Part – B

Criterion – I : Curricular Aspects

1.1 Details about Academic Programmes

No.	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
1.	PhD	5	0	5	1
2.	PG	40	2	42	8
3.	UG	10	1	11	1
4.	PG Diploma	1	3	4	0
5.	Advanced Diploma	0	0	0	0
6.	Diploma	1	0	1	0
7.	Certificate	1	0	1	1
8.	Others	1	0	1	1
	Total	59	6	65	12
9.	nterdisciplinary	3	0	3	2
10.	nnovative	0	0	0	0

1.2   (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

  (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	7
Trimester	0
Annual	58

1.3 Feedback from stakeholders*   Alumni [√]   Parents [√]   Employers [√] Students [√]
  (On all aspects)

  Mode of feedback   :   Online [ ]   nual [√] perating 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 of PB Diploma in Dialysis Nursing restructured

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

- B.A and MA in Mass Communication & Journalism, B.Sc and M.Sc in Biomedical Sciences have been started
- A centre for interdisciplinary research was started.

Criterion – II : Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
496	133	77	122	163

2.2 No. of permanent faculty with Ph.D.

37

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
71	0	28	0	37	0	61	11	177	11

2.4 No. of Guest and Visiting faculty and Temporary faculty

16	18	4

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	63	116	962
Presented papers	23	54	82
Resource Persons	12	24	94

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

1. Computer aided software for pharmacological screening
2. Skill-Lab based training for medical interns and Postgraduates
3. Early clinical exposure for I year MBBS students through community interaction (Grama Kshema)
4. E-learning module (on-line LMS) introduced in Medial college

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

300

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

Double Valuation, Photocopy Multiple choice questions

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

77	31	9

2.10 Average percentage of attendance of students

92%

2.11 Course/Programme wise distribution of pass percentage :

No.	Title of the Programme	Total no. of students appeared	Division				
			Distinction %	I %	II %	III %	Pass %
1.	MBBS	94	2.13	55.32	40.43	-	97.88
2.	MD/MS	21	-	-	-	-	91
3.	B.Sc (MIT)	8	252	37.5	37.5	-	100
4.	B.Sc (OTT)	3	-	100	-	-	100
5.	BDS	83	4	93	2	-	99
6.	MDS	48	-	-	-	-	95.83
7.	B.Sc (Nursing)	92	3.26	60.87	25	-	89.13
8.	M.Sc (Nursing)	15	33.33	66.67	-	-	100
9.	BPT	7	-	86	14	-	100
10.	MPT	8	-	25	50	-	75
11.	B.Pharm	30	43.3	53.3	-	-	96.6
12.	M.Pharm	9	80	10	-	10	100

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

1. Training Workshop on T – L for new staff
2. Preparation of Academic Calendar for all constituent colleges based on which that Academic events and activities of the individual colleges will be planned and monitored.
3. Periodical Departmental Meetings
4. Clinical Audit of Teaching Hospital by Infection Control Committee
5. Results analysis
6. Students feedback on Teaching

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	10
Faculty exchange programme	1
Staff training conducted by the university	47
Staff training conducted by other institutions	17
Summer / Winter schools, Workshops, etc.	1
Others	188

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	367	--	34	25
Technical Staff	752	--	120	38

Criterion – III: Research, Consultancy and Extension

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

1. Establishment of Advanced Research Laboratories
2. Establishment of R & D Directorate
3. Introduction of Incentive scheme for publications
4. Lectures and Seminars on Project Preparation and Research Ethics
5. Short Term course on Biostatistics and Research Methodology

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	13	32	14	4
Outlay in Rs. Lakhs	137.9 lakhs	347.5 lakhs	143 lakhs	0

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	48	32	16	4
Outlay in Rs. Lakhs	25.00 lakhs	10.52 lakhs	9.00 lakhs	1 lakh

3.4 Details on research publications

	International	National	Others
Peer Review Journals	311	167	0
Non-Peer Review Journals	7	39	0
e-Journals	33	14	0
Conference proceedings	29	11	72

3.5 Details on Impact factor of publications:

Range   0-5.76   verage   2.23   h-index   78.5   SCOPUS   100

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2010-13 2011-14 2012-15 2013-16 2014-17	BRNS; ICMR; DBT; SERB; ICSSR,;K-FIST; WFU, USA,; NIH, USA	Rs. 402.08 Lakhs	Rs. 286 lakhs
Minor Projects	2013-14	ICMR	Rs. 1.25 lakhs	Rs.1.25 lakhs
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	2013-14	Nitte University	Rs. 8.02 lakhs	Rs. 8.02 lakhs
Students research projects *(other than compulsory by the University)*	2013-14	ICMR/NU	Rs. 3.84 lakhs	Rs. 3.84 lakhs
Any other(Specify)	-	-		-
Total	-	-	Rs. 415.19 lakhs	Rs. 299.11 lakhs

3.7 No. of books published   i) With ISBN No.   `7`   hapters in Edited Books   `1`

ii) Without ISBN No.   `1`

3.8 No. of University Departments receiving funds from

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   `75 lakhs`

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number		2	7	1	9
Sponsoring agencies		University	VGST	University	University

3.12 No. of faculty served as experts, chairpersons or resource persons   `72`

3.13 No. of collaborations   International | 6 | National | 2 | Any other | 5 |

3.14 No. of linkages created during this year | 2 |

3.15 Total budget for research for current year in lakhs :

From Funding agency | Rs.324.05 lakhs |

From Management of University/College | Rs. 156 lakhs |

Total | Rs. 480.05 lakhs |

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	0
	Granted	0
International	Applied	0
	Granted	0
Commercialised	Applied	0
	Granted	0

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

Total	International	National	State	University	Dist	College
4	2	4	0	0	0	0

3.18 No. of faculty from the Institution
who are Ph. D. Guides | 69 |
and students registered under them | 78 |

3.19 No. of Ph.D. awarded by faculty from the Institution | 8 |

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

JRF | 1 | SRF | 0 | Project Fellows | 7 | Any other | 0 |

3.21 No. of students Participated in NSS events : University level | 848 | e level | 112 |

National level | 0 | tional level | 0 |

3.22 No. of students participated in NCC events: University level | 0 | State level | 0 |

| 0 | | 0 |

National level   International level

3.23 No. of Awards won in NSS: University level   [4] e level   [0]

National level   [0] national level   [0]

3.24 No. of Awards won in NCC: University level   [0] tate level   [0]

National level   [0] national level   [0]

3.25 No. of Extension activities organized   University forum   [0]   College forum   [75]

[0]   [18]   [0]
NCC   NSS   Any other

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

1. Compulsory Community exposure for I MBBS students
2. Health Awareness talks at Schools, Anganwadi's and specific groups in the community
3. General health check-up camps
4. Oral health check-up, ophthalmology, deafness check-up camps
5. Camps for children with special needs
6. Adoption of rural school for comprehensive health-care
7. Health cards with insurance benefits introduced to cover local village population.
8. Commemorating World Health Days

Criterion – IV: Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	50.22 acres	0		50.22 acres
Class rooms	51	1		52
Laboratories	43	1		44
Seminar Halls	30	0	University	30
No. of important equipments purchased ($\geq$ 1-0 lakh) during the current year.	943	201		1144
Value of the equipment purchased during the year (Rs. in Lakhs)	Rs. 167.00 lakhs	Rs.72.07 lakhs		Rs. 239.07 lakhs

4.2 Computerization of administration and library

Administration
1. Software for HR Management
2. In-house development, Software for Accounts Management
3. Software for patients records management system in dental college
4. Computerization of Examination processes like entry of Internal assessment, generation of results etc.

 Library
1. Software solution for Library management system
2. Digital Repository in institutions

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value (Rs. in lakhs)	No.	Value (Rs. in lakhs)	No.	Value (Rs. in lakhs)
Text Books	28782	168.03	1955	15.71	30737	183.74
Ref. Books	5641	184.89	538	31.25	6192	218.55
e-Books	4691	0	1421	0	6112	0
Journals	309	247.67	2	48.10	311	295.80
e-Journals	4329	9.99	3256	2.88	7585	12.88
Digital Database	11	12.42	3	7.92	14	20.34
CD & Video	1685	0	204	0	1889	0
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	518	46	47	48	5	43	196	133
Added	39	0	9	0	0	11	6	13
Total	564	46	56	48	5	47	214	148

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

> 1. Internet connection to all departments in Dental College
> 2. 2 computer centres established in KSHEMA
> 3. Training to Staff on HR Management, maintenance and use of software
> 4. Training to Teachers on use of online student attendance monitoring system (Chaitanya)

4.6 Amount spent on maintenance in lakhs :

   i) ICT   Rs. 10.00 lakhs

   ii) Campus Infrastructure and facilities   Rs. 175.00 lakhs

   iii) Equipments   Rs. 167.00 lakhs

   iv) Others   Rs. 21.00 lakhs

                              Total :   **Rs. 373.00 lakhs**

Criterion – V: Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

   1. Orientation Programmes for the I year students at the beginning of the academic year
   2. Student handbook provided at the start of the I year
   3. Student Orientation on Ethics and Values
   4. PTA Meetings
   5. Alumni Newsletter

5.2 Efforts made by the institution for tracking the progression

   1. Teacher Guardian Monitoring system
   2. Online attendance monitoring system
   3. Periodical tests and sessional examinations
   4. Projects for advanced learners
   5. Regular meetings with various students committee
   6. Parent Teacher Meetings
   7. Counselling service by Psychologists and Psychiatrists

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2021	523	99	7

   (b) No. of students outside the state   1673

   (c) No. of international students   94

   Men

No	%age
884	33%

   Women

No	%age
1766	67%

d)

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1649	12	12	606	1	2280	1940	18	8	678	1	2628

Demand ratio   1:8   Dropout % : 0.23%

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

Career guidance cell established in all institutions

No. of students beneficiaries   110

5.5 No. of students qualified in these examinations

NET   -   SET/SLET   -   GATE   -   CAT   -

IAS/IPS etc   -   State PSC   -   UPSC   -   Others   -

5.6 Details of student counselling and career guidance

1. All the constituent colleges have a system of allotting 10 – 15 students to a teacher who will act as their guardian as far as their studies and behaviour in the college are concerned.
2. The students with deviant behaviour or have mental sickness are referred to the Psychiatry department of the medical college for counselling and treatment.
3. The Career Guidance Cell organizes interactive sessions with industry executives and Practitioners

No. of students benefitted   553

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
4	152	70	14

5.8 Details of gender sensitization programmes

1. Women's cell of the constituent colleges conducted seminars and guest lectures
2. One-week Yoga Training was conducted for women employees
3. A Lecture –cum-demonstration on self-defence, for girl students and women employees was conducted
4. Talks on 'Breast Cancer' was conducted.

5.9 Students Activities

   5.9.1   No. of students participated in Sports, Games and other events

State/ University level   353   ational level   108   rnational level   0

No. of students participated in cultural events

State/ University level   110   ational level   2   national level   0

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

Sports : State/ University level   99   ational level   56   ernational level   0

Cultural: State/ University level   17   ational level   2   ernational level   0

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	282	239.00 lakhs
Financial support from government	120	40.34 lakhs
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

5.11   Student organised / initiatives

Fairs   : State/ University level   2   ational level   0   ternational level   0

Exhibition: State/ University level   1   ational level   0   ernational level   0

5.12   No. of social initiatives undertaken by the students   10

5.13 Major grievances of students (if any) redressed:
1. Hostel accommodation improved with building a new hostel
2. Improvement in Canteen food
3. Airconditioned Gymnasium

Criterion – VI: Governance, Leadership and Management

VISION : To build a humane society through excellence in Education and Health care

MISSION : To develop Nitte University as a Centre of Excellence imparting quality education, generating competent, skilled manpower to face the scientific and social challenges, with a high degree of credibility, integrity, ethical standards and social concern.6.1 State the Vision and Mission of the institution

6.2 Does the Institution has a management Information System

> YES, HR Management, Accounting, Purchase, Staff Attendance

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

6.3.1 Curriculum Development

1. Curriculum Development Directorate has established
2. Workshop for faculty and students
3. BoS includes external Experts;
4. Student feedback, Peer feedback on curriculum

6.3.2 Teaching and Learning

1. ICT based teaching – online teaching made available to students
2. Teaching and Lesson Plans
3. Student feedback on Teaching-Learning
4. Teachers training on Teaching Methodology
5. Every student is given the course curriculum and Regulation booklet
6. Academic calendar prepared for all institutions and made available to students

6.3.3 Examination and Evaluation

1. Examination Manual is prepared outlining method of conducting examination and evaluation
2. Computerization of examination processes
3. Committee to handle cases of malpractice
4. Installation of CC cameras in the Examination Hall
5. Centralized valuation
6. Results published within one week.
7. Examination schedule for all courses prepared at the beginning of the year and adhered to.
8. Examination cell in respective institutions to conduct IA Exams

6.3.4   Research and Development

1. Incentives for publications
2. Seed money for starting projects
3. Research committee at institutional level to screen proposals
4. Institutional ethics committee guide in project preparation
5. Sensitising faculty through guest lectures and workshops

6.3.5   Library, ICT and physical infrastructure / instrumentation

1. Each constituent college has its own library with all facilities
2. Library automation software installed in all libraries of all institutions
3. Using open source softwares; Library committees; Wi-Fi campus; periodical audit of equipments for upgradation

6.3.6   Human Resource Management

1. Self-appraisal
2. Performance-based promotion system
3. Digitalized attendance monitoring

6.3.7   Faculty and Staff recruitment

1. Board of Appointment with external experts
2. Training on Teaching Methodology for newly recruited staff
3. Annual appraisal reports, Confidential Reports

6.3.8   Industry Interaction / Collaboration

1. Invited expert lectures from industry executives;
2. MoU with Universities and Institutions for research, staff and student exchange.

6.3.9   Admission of Students

1. Merit Scholarship to attract bright students
2. Fee fixation committee with a retired High Court Judge as Chairman, External Financial Auditor and Finance Director meets to review and suggest fee structure

6.4 Welfare schemes for

Teaching	Residential quarters, free transport, fee concession for children, medicare, PF, Gratuity, Leave benefits
Non teaching	PF gratuity, ESI, free transport, medicare, fee concession for children, staff loans.
Students	Free/subsidized hospital services, Medicare, group insurance, Fee concession, Scholarship

6.5 Total corpus fund generated   Rs. 4254.00 lakhs

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	MCI, DCI, PCI, INC	-	-
Administrative	-	-	-	-

Inspection by statutory councils have been done.

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

For UG Programmes   Yes   √   No

For PG Programmes   Yes   √   No

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

> 1. Computerization of examination processes
> 2. Schedule of Examinations fixed in the beginning of the Academic year.
> 3. Multiple sets of question papers are prepared in advance.
> 4. MCQ Bank
> 5. Double valuation for all UG and PG courses.

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

> Not applicable, since the University is a Deemed University

6.11 Activities and support from the Alumni Association

> 1. Herbal garden in medical college
> 2. Endowment lectures
> 3. Faculty resource for continuing education
> 4. Awards for meritorious students
> 5. Competitions to motivate
> 6. Support to Students to take up projects and publish papers

6.12 Activities and support from the Parent – Teacher Association

> 1. Participate in college activities and give feedback for improvement in T-L and student support.
> 2. Representation in IQAC, both at University level and institutional level

6.13 Development programmes for support staff

> 1. Training on skill enhancement and life skills
> 2. Training on maintenance of equipments and computers (Hardware and software)
> 3. Training on handling patients.

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

> 1. Use of tobacco and plastic banned,
> 2. Rain water harvesting,
> 3. Planting of saplings,
> 4. Water conservation through re-use of waste water after treatment,
> 5. Solar energy for water heating in hostels
> 6. Conducting Vanamahotsava

Criterion – VII : 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.

> 1. On-line information management system – This gives timely information for decision making. Grievances handling has made more objective and hassle free.
> 2. Introduction of fast track clinic : To reduce waiting time for patients – This is a 'Pay Clinic' where the patients pay a nominal fee for treatment which allows them for access to diagnostic facilities. This reduces the waiting time.
> 3. The incentive scheme for publications has helped increase publications by 20% and motivated the faculty enhance the quality of papers.

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

> 1. Centre for Animal Research and Experimentation established (NUCARE)
> 2. Centre for Science Education and Research (NUCSER) established.
> 3. Full fledged R & D Directorate to support faculty in preparation of project proposals and provide facilities for advanced research
> 4. IVF Centre established.
> 5. Cancer treatment and Research Centre established.

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

> 1. Technology assisted teaching - learning in Medical Education
> 2. Rural & Social Outreach Programme For Undergraduate & Postgraduate Students
>   *Annexure - 2*

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

7.4 Contribution to environmental awareness / protection

1. Awareness talks,
2. Training school teachers on ill effects of pollution on health
3. Rain Water harvesting
4. Solar heating system installed in hostels
5. Conserving usage of water by treatment of waste water and using for garden and toilets.

7.5 Whether environmental audit was conducted?   Yes √   No ☐

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

1. 'A' category Deemed University by MHRD, Govt. of India.
2. The promoters of the University have 35 years of experience in running more than 25 institutions from schools to PG Professional institutions.
3. Network of 20 Rural Health Centres

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

1. To enhance facilities in the Skill Laboratory
2. Psychiatric Clinics upgraded and relocated.
3. To conduct professional development programs through alumni
4. To upgrade library and classrooms
5. To make the campus Wi-Fi enabled
6. To start DM/MCH programs
7. To introduce semester system in UG pharmacy
8. To conduct international workshop on research methodology
9. To sign MoU with foreign Universities for research, exchange of staff and students

Name: **PROF. RAJSHEKAR M.**   *Name:* **PROF. (DR.) S. RAMANANDA SHETTY**

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Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*

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FEED BACK

2013-14

1. **Students Feedback**

It is done at the end of the academic year. Students are asked to give their feedback on course curriculum, support system, hostels etc. Students Feedback for the year 2013-14 is as follows:

- The students are generally happy with the teaching-learning processes
- They want more sports facilities: The gym was renovated and a air-conditioned gymnasium has been established.
- The students have requested for better facilities in the hostel with more single occupancy rooms: Proposal for new blocks have been made and construction initiated.
- Requirement of Wi-Fi in the campus. Phase-wise installation of the facility taken up.

2. **Employee Feedback**

At the end of the Academic year the feedback is taken on general administration, transparency, infrastructure facilities, library, syllabus, and support for research, pay scale and staff facilities.

- The employees feel that the administration is benevolent, there is good working environment and sufficient autonomy is given.
- The faculty felt that they require support in terms of upgraded laboratory facilities for research. The University has taken measures to relocate the existing laboratory and establish a R&D directorate. This establishment is for faculty as well as for PG students
- Faculty felt that they have to be trained in newer methods of teaching and the Curriculum Development Directorate organised training workshops in these areas.
- A well- designed Incentive Scheme to boost the publication numbers has been set out by the University.
- Canteen facility should be improved. Quality of food is poor. A committee to conduct periodical inspection has been constituted. One more cafeteria started in the hospital campus.

3. **Parents Feedback**

The feedback from the parents is taken on the monitoring system, facilities, hostels etc., during the PTA meetings.

- Monitoring attendance: The request of the parents to monitor the attendance of their wards resulted in the implementation of software driven online system developed in-house.
- Hostel food needs improvement. The mess committee in the hostels have been made more active and there is an improvement in the food.

Best Practice 1: Technology assisted teaching - learning in Medical Education

Need and context:

Conventional classroom teaching-learning tends to be passive, teacher-centric and limited by time constraints. Computer and internet based technological developments offer opportunities to enrich the learning activities of students. The Medical School at Nitte University has undertaken a phased project to introduce the use of technology in improving effectiveness of teaching-learning.

Objectives of the practice:

Tointroduce the use of technology to develop e-learning and contemporary training methods for medical students

The Practice:

- **NUeLearn, a comprehensive learning management system (LMS)** based on the Sakai platform has been deployed. Sakai is an internationally renowned LMS platform. This online portal facilitates the hosting of course websites for students by the teaching departments. The course websites provide tools for communication and interaction between students and faculty, developing and providing online learning content, discussion forums etc. This e-learning resource is currently being used by the Pre-Clinical and Para-Clinical departments and will be extended to other departments. This initiative creates "anytime, anywhere" learning opportunities for students.
- **CONNECT, a cloud based digital teaching-learning system** has been offered to first year MBBS students. This online resource is based on textbooks published by McGraw Hill Education. Major features of this e-learning resource include
  - Access to interactive Smart e-Books
  - Adaptive learning modules (LearnSmart), interactive exercises and assessments for self-directed learning
  - Rich multimedia resources for Anatomy (APR), Interactive Lab Simulations in Physiology (Ph.I.L.S) and other multimedia content for use in teaching
  - Facilities to create homework assignments and online tests and track student learning and performance leading to identification of "at risk students"

- A **Digital PhysiologyLaboratory** for undergraduate Physiology students has been established. This is possibly a first of its kind fully functional computerized Human Physiology Teaching Lab in India. The lab has six workstations with digital data acquisition systems, transducers and accessories for performing a range of physiological experiments and tests. Customized laboratory instruction material for the lab is being developed in house. Laboratory practicals which are performed on obsolete equipment in other medical schools are being performed here using contemporary digital instruments. This offers current and relevant training exposure to students.
- A full-fledged **Clinical Skills Laboratory** has been established. It is equipped with manikins, models and simulators for hands-on training in skill intensive medical procedures including injection, catheterization, suturing, intubation, laparoscopic procedures, obstetric maneuvers as well as basic and advanced life support skills. This lab allows students to practice medical and surgical procedures repeatedly in a safe environment in preparation for real clinical encounters.
- **Wi-fi network based internet access for entire campus** – The entire campus including college blocks, hospital blocks and student hostels have been networked through a Wireless Local Area

network through which all students and faculty have broadband internet access. This enables the deployment and delivery of the e-learning resources described above. It also enables faculty and student researchers to access internet resources including

Impact:

- All students and faculty have access to free broadband internet on campus
- There are approximately 600 student and faculty users registered on the NUeLearn LMS which offers course websites with learning resources.
- 150 students and 20 faculty are actively using the CONNECT online resources platform
- Student feedback about the utility of e-learning resources available through NUeLearn and CONNECT resources is positive
- Student engagement and participation in Physiology laboratory practicals is higher after introduction of digital physiology Labs

Resources required:

- Financial resources for establishing wi-fi network, computer assisted teaching labs and skill labs
- Technical expertise for deployment and maintenance of learning management systems and digital lab equipment
- Training resources for faculty and students to use the technology-assisted methods effectively

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Best Practice 2: Rural & Social Outreach Programme For Undergraduate & Postgraduate Students

Objective:

- To provide appropriate, accessible, affordable and acceptable comprehensive Oral health services to the rural areas and economically disadvantaged populations.
- To facilitate student clinical experience and build interpersonal skills between dentists, allied dental professionals and patients.

Context:

- A student in college is exposed to theory as well as clinical situations within the four walls of the institution. However, the feasibility and practicability of education are real life circumstances which can be provided only when they are exposed to outreach programs like camps, rural satellite centres. Such an exposure bridges the gap between the discipline based educational environment at college and the independent environment of a dental practice. It also helps in developing practice management skills and interpersonal relationship between professional colleagues and patients.

Practice:

Every week undergraduate and postgraduate students on rotation are posted for the dental camps and rural satellite centres in batches of 10 -20 each. Conveyance is provided to them. At centres which are far off from the institution, accommodation for the students is provided too. Their attendance is monitored by the staff in-charge. The work done is checked regularly and monitored by the concerned department staff.

Evidence of success:

The patient output at the centers has increased as the patients get the benefit of quality specialty treatment free of cost. These well-equipped rural centers are available for further follow up of the patients. This has led to increased awareness among the rural population.

The students get additional clinical exposure, which enables them to complete their quota of clinical work in time, which is monitored by the staff at the camp/ centre and also is evaluated by the concerned department staff.

Difficulties encountered:

The travel time and problem of conveyance is a major hindrance.

Shortage of man power and monetary funds to carry out this project smoothly.

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