The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)*

Part – A

AQAR for the year

2017-2018

1. Details of the Institution

1.1 Name of the Institution

NARAYANA MEDICAL COLLEGE AND HOSPITAL

1.2 Address Line 1

CHINTHAREDDYPALEM

Address Line 2

NELLORE

City/Town

NELLORE

State

ANDHRA PRADESH

Pin Code

524003

Institution e-mail address

narayanamedical@yahoo.com

Contact Nos.

0861-2317963, Fax: 0861-2317962

Name of the Head of the Institution:

DR.G.VEERA NAGI REDDY

Tel. No. with STD Code:

0861-2317965

Mobile:

09885417989

Name of the IQAC Co-ordinator:

DR.S.V.PHANINDRA

Mobile:

8008511603

IQAC e-mail address:

iqacnahe@gmail.com

1.3NAAC Track ID*(For ex. MHCOGN 18879)*

APCOGN25053

OR

1.4NAAC 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)

NAAC/WH/CERT-A&A/EC (12TH SC)/1.1/2016 66TH MEETING

1.5Website address:

www.narayanamedicalcollege.com

Web-link of the AQAR:

http://www.narayanamedicalcollege.com/wp-content/themes/twentythirteen/pdf/AQAR%202016-17.pdf

For ex. http://www.ladykeanecollege.edu.in/AQAR2012-13.doc

1.6Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	"A"	3.07	2016	19.02.2016 to 18.02.2021

1.7Date of Establishment of IQAC: DD/MM/YYYY **13.09.2017**

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

26.07.2017

1.9 Institutional Status

University   State ☐   Central ☐   emed ☐   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 (PhysEdu) ☐

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

Others   (Specify) [.   ]

1.11 Name of the Affiliating University *(for the Colleges)*   DR.NTR UNIVERSITY OF HEALTH SCIENCES, VIJAYAWADA, AP

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

Autonomy by State/Central Govt. / University   NO

University with Potential for Excellence	NO	UGC-CPE	----
DST Star Scheme	Under process		----
UGC-Special Assistance Programme	----		----
UGC-Innovative PG programmes	----	Any other (*Specify*)	----
UGC-COP Programmes	----		

2. IQAC Composition and Activities

2.1 No. of Teachers 6

2.2 No. of Administrative/Technical staff 2

2.3 No. of students 1

2.4 No. of Management representatives 2

2.5 No. of Alumni 1

2. 6 No. of any other stakeholder and

community representatives 1

2.7 No. of Employers/ Industrialists 1

2.8 No. of other External Experts 2

2.9 Total No. of members 16

2.10 No. of IQAC meetings held 4

2.11 No. of meetings with various stakeholders: No. **9** culty 2

Non-Teaching Staff Students **2** Alumni **3** Others **2**

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

If yes, mention the amount

NA

2.13 Seminars and Conferences (only quality related)

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

Total Nos. International   02   National   01   State   [ ]   Institution Level   02

(ii) Themes

Best Education for Quality Health

2.14 Significant Activities and contributions made by IQAC

The IQAC plays a key role in internalising a culture of good quality within the institution. This positive attitude is maintained and sustained by several initiatives taken by the Cell throughout the year.

- **Orientation sessions were conducted for the faculty and periodical meetings/discussions with department faculty representatives were conducted to collect the data pertaining to various activities of the departments.**
- **Coordinating of the research activities of the institution.**
- **Coordinating the UG and PG CMEs, seminars and conferences.**
- **Coordinating the extracurricular activities of the students.**
- **Coordinating staff welfare measures.**

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
Preparation of AQAR Report	AQAR Report for the year 2017-18 is completed and about to be submitted.
Enhancing Research Activities	NMCH at its research level had state of art central research faculty (Dept. of ARC) with high end infrastructure started in January 2012, which is recognised by DSIR (Department of Scientific and Industrial Research) Govt. of INDIA. This initiative has helped to build on international research collaborations bringing together a sustained network of institutional links and partnerships. The centre organised sessions on topics such as Research Capacity Building, Research Training and Counselling, Research design and methodology for faculty and post graduates.
Enhancing Connectivity and Networking	RESEARCH SERIES on **27 & 28 .10.2017** NMC&GH Networking & Communications were established with the primary aim of enabling the college community utilise the technology in order to keep pace with the changing educational scenario and to create a synergy of knowledge and skills through networks across the Globe which is a need of the present health care system.
Eco-friendly Practices	As energy conservation measures, solar panels have been installed in the campus with **25KW** capacity. Number of trees are grown (Received Greenery Award). Rain water harvesting paperless office is initiated. Medicinal plantation being done and maintained.
Student Wing	New members have been inducted in the student's wing and the members play an active role in enhancing the student's involvement in college activities like conferences, cultural activitiesetc. They meet periodically and involved in working towards green initiatives on campus. Students are actively participating in SwasthyaVidyaVahini(SVVS) programme inducted by government of Andhra Pradesh.

Sustenance and Enhancement of Quality **Increasing visibility of the institution**	Sessions, Workshops interaction on important topics like quality sustenance, enhancing the activities of IQAC capacity building have been conducted and the suggestions are being implemented. Faculty from the institute are attending conferences, seminars and CMEs at State, National and International level and serving as judges and Chairpersons for scientific sessions. **VaidhyaNarayana**is monthly bulletin which reflects the activities and achievements of the institution for better health care information to reach urban and rural areas of in and around Nellore District. **"VOICE"In House Magazine for Prevailing Best Practice in Education. (Nspira Management Service Pvt. Ltd.)**

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

2.15 Whether the AQAR was placed in statutory body   Yes ☐   No √

     Management Syndicate   Any other body

     Provide the details of the action taken   √

The resolutions passed in various meetings of IQAC with its stake holders like students, faculty (teaching and non-teaching), parents, and alumni are placed before the management. Areas of strength and weakness are identified and plan of action to be adopted and implemented are sorted out.

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	NIL	NIL	NIL	NIL
PG	30(22+8)	NIL	30(22+8)	NIL
UG	MBBS	MBBS	MBBS	NIL
PG Diploma	4	NIL	4	NIL
Advanced Diploma	Nil	Nil	Nil	NIL
Diploma	Nil	**05**	05	NA
Certificate	Nil	Nil	Nil	NIL
Others	NIL	NIL	NIL	NIL
Total	34	05	39	NIL

Interdisciplinary				
Innovative				

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

ANNUAL

1.3 Feedback from stakeholders*Alumni √ Parents √ Employers √ ats √
   (On all aspects)

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

*Please provide an analysis of the feedback in the Annexure

Feedback was obtained from the students regarding the faculty teaching and analysed. Majority of the faculty were graded as effective and few were moderate. It was decided that faculty who scored moderate were encouraged to participate more in teacher training programmes and conferences related to medical education. Conducting in house training through Medical Education department is going on.

The exit level feedback was conducted at the exit level of both UG and PG students. The feedback was collected regarding infrastructure, curriculum, teaching and other facilities. Students reported that facilities of the hostel need to be improved and steps were taken after discussion in the review meeting with members of the hostel committee.

The alumni feedback was taken on all aspects and suggested for an improvement in indoor and outdoor sports related activities. The points on other aspects were suggestions for cultural participation and recreational facilities, which were discussed and necessary measures were suggested for improvement after discussion with administration.

Feedback from the parents was analysed and most of the parents were happy with the facilities provided by the college in all aspects.

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

There is no such provision for the institute since institute is following guidelines given by MCI and Dr/NTRUHS, Vijayawada, Andhra Pradesh

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

NO

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
409	**142**	**69**	**100**	**98**

2.2 No. of permanent faculty with Ph.D.   **5**

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
20	**Nil**	**3**	**Nil**	**5**	**Nil**	**33**	**Nil**	**61**	**Nil**

2.4 No. of Guest and Visiting faculty and Temporary faculty   -

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	**24**	**70**	**70**
Presented papers	**49**		
Resource Persons	**20**		

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

- **Problem solving skills**
- **Use of Power Point Presentations**
- **Case studies**
- **Seminars**
- **Integrated teaching programmes**
- **Demonstration using departmental museums**
- **Viewing and discussionof documentaries**
- **Journals review**
- **Short group teaching**

2.7 Total No. of actual teaching days during this academic year   **284**

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

- Evaluation of students is based on continuous performance Assessment (CPA) internal.

- Assessments and final examinations (External) according to the Dr.NTRUHS, Vijayawada Guidelines.

- Difference methods of assessment of the students-Weekly tests, Quiz, Seminar etc.,

- In most of the department the question paper for weekly test is composed of MCQs, short answer type questions and long answer type.

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

2.10 Average percentage of attendance of students

As per the norms of MCI and university the student shall maintain 75% in both theory clinics and practical. The attendance of students in theory, practical, clinics and examinations are taken by facial recognition .The attendance is sent to parents immediately by SMS and also made available on line. The students falling short of attendance are counselled by mentors and HODs.

Only those students who maintain 75% are allowed to university examination .More than 99% students have above 75% attendance.

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
I MBBS						
Anatomy						
Physiology	**240**	**27.93%**	**75.23%**	**24.77%**	**Nil**	**92.50 %**
Biochemistry						
II MBBS						
Pharmacology						
Microbiology						
Pathology	**205**	**18.50%**	**72.83%**	**27.17%**	**Nil**	**84.39**
Forensic Medicine						
III MBBS (Part -1)						
ENT						
Ophthalmology	**131**	**Nil**	**74.59 %**	**25.41 %**	**Nil**	**93.13 %**
PSM						
III MBBS (Part - II)						
Medicine						
Surgery	**148**	**Nil**	**17.71 %**	**82.29 %**	**Nil**	**64.86 %**
OBG						
Paediatrics						

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

The IQAC periodically meets and conducts sessions to explore avenues to enhance teacher effectiveness through the development of professional skill training programmes. The college and management strongly encourage the research activities, publications, paper presentation and participation in International, National and State Conferences and Workshops. Senior faculty and administrative heads discuss future plans of the institution and prepare a clear road map for quality assurance and enhancement.

The on-going policy of reviewing and redesigning the curriculum once in a year helps in keeping pace with the changing trends in Medical Education and Health needs of society. The Principal of the college in consultation with the IQAC Co-ordinator undertakes periodical review of teaching and evaluation patterns encourages creativity;skill based and value added programs. Continuous review of the functioning of various departments of the college is a part of quality enhancement.Measures like restructuring the curriculum once in a year, periodical review of T-L process and feedback from students on curriculum, teaching, learning and evaluation are being implemented.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programs	Number of faculty benefitted
Refresher courses	
UGC – Faculty Improvement Program	-
HRD Programs	**02**
Orientation Programs	**70**
Faculty exchange Programs	-
Staff training conducted by the university	**08**
Staff training conducted by other institutions	
Summer / Winter schools, Workshops, etc.	
Others	Revised basic course workshop in Medical Education Technologies and Sensitization Program on ATCOM in the month of November and December (MCI Approved programme) **59 Members**

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	**847**	**Nil**	**104**	**Nil**
Nursing	**814**	**Nil**	**168**	**Nil**
Technical Staff	**491**	**Nil**	**56**	**Nil**

Criterion – III

3. Research, Consultancy and Extension

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

> **The Narayana Medical College has established RESEARCH WORKING SERIES 2017 in October 2017 and focuses on:**
>
> - Research Capacity building and provides a platform for knowledge sharing.
> - Projects are designed to improve and enhance research potential
> - Projects are submitted to DST and DBT and waiting for the approval.
> - Regularly it events like skills in writing and reviewing research articles are being conducted.
> - The post graduate students were introduced to research software analysis.
> - Competent and experience researches will focus to develop a qualitative group of young researchers who are technically competent with leadership qualities.

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	**4**	**10**	**14**	**04**
Outlay in Rs. Lakhs	48			

3.3   Details regarding minor projects

	Completed	On-going	Sanctioned	Submitted
Number	**6**	**4**	**10**	**7**
Outlay in Rs. Lakhs				

3.4   Details on research publications

	International	National	Others
Peer Review Journals	**292**	**229**	
Non-Peer Review Journals			
e-Journals			
Conference proceedings			

3.5 Details on Impact factor of publications:

Range [   ]   Average [   ]   h-index [**161**]   Nos. in SCOPUS [**59**]

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				
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects *(other than compulsory by the University)*	**2017-18**	**ICMR STS**	**2**	**20,000.00**
Any other(Specify)	**2017-18**	**External Agency**	**6**	**39,77,995.00**
Total				**39,97,995.00**

3.7 No. of books published   i) With ISBN No.

-

Chapters in Edited Books

01

ii) Without ISBN No.

04

3.8 No. of University Departments receiving funds from

UGC-SAP `__`   CAS `__`   DST-FIST **2**

DPE `__`   DBT Scheme/funds **2**

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 organised by the Institution

Level	International	National	State	University	College
Number	**02**	**70**	**70**		
Sponsoring agencies					

3.12 No. of faculty served as experts, chairpersons or resource persons | 37 |

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

3.14 No. of linkages created during this year | 5 |

3.15 Total budget for research for current year in lakhs:

From funding agency | 39,77,995.00 | ment of University/College | 185.22 in lakhs |

Total | 225.00 in lakhs |

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	3
	Granted	3
International	Applied	
	Granted	
Commercialised	Applied	
	Granted	

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

Total	International	National	State	University	Dist.	College
31		31				

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them | 05 | | |

3.19 No. of Ph.D. awarded by faculty from the Institution | 2 |

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

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

3.21 No. of students Participated in NSS events: -

University level | | State level | |

National level | | International level | |

3.22 No. of students participated in NCC events: -

University level | | State level | |

National level | | International level | |

3.23 No. of Awards won in NSS: Nil

University level [ ]   State level [ ]

National level [ ]   International level [ ]

3.24 No. of Awards won in NCC: NIL

University level [ ]   State level [ ]

National level [ ]   International level [ ]

3.25 No. of Extension activities organized

University forum [ ]   College forum [ ]

NCC [ ]   NSS [**05**]   Any other [ ]

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

Efforts are made to realise the social responsibilities of institution inspired by the ideas of Vision and Mission of the college by sensitizing the faculty and students towards the social responsibility and outreach programs and their impact on the institute. With the help of the curriculum, the college will ensures the transmission of attitudes, values and beliefs that will encourage students to be sensitive to social issues and become responsible citizens.

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	28.92			
Class rooms	5 With each 500 Capacity			
Laboratories	8			
Seminar Halls	32			
No. of important equipment purchased (≥ 1-0 lakh) during the current year.				
Value of the equipment purchased during the year (Rs. in Lakhs)	6242.98 in lakhs	680.05 in lakhs	Self	6923.03 in lakhs
Others	1379 in lakhs	188 in lakhs	Self	1567 in Lakhs

4.2 Computerization of administration and library

Administration:

Pay and Accounts Office:

- Salaries, Financial Statements, Annual accounts, Provident Fund details and income tax details have been computerised through the administration office.
- Fees can be paid through online.

Examination Office:

- List of students appearing for examination are transferred through intranet facility from the Principal's Office to the examination office.
- Details of the Hall tickets are computerised.
- Declaration of results is executed online.
- Mark sheets are computerised.
- Grievances related to the examinations from the students can reach the controller of Examination through Principal's office.

Library:

It is computerised with separate software suitable for the needs of our library which has developed by Software department of Narayana Medical College. It is user friendly software for all the administrative and management functions of the library. It can effectively organize the information of Books, Journals and articles.

The available library software offers a total solution for all functions of Library with the following modules.

- Administration
- Librarian desk
- Acquisition of books, journals and articles
- Document catalogue
- Serial control
- Members
- Web Online Public Access Catalogue (OPAC)
- Circulation
- Budgeting

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	25891	3,39,59,809.00	892	25,030,30.00	26783	3,64,62,839.00
Reference Books	8160	11,206,737.00	308	1,260,874.00	8468	12,467,611.00
e-Books	40		53			
Journals	229	1,15,91,882.00	Renewals	RENEWAL	220	1,22,56,121.00
e-Journals						
Digital Database	NTRMEDNET Consortium proquest	250000.00	NTRMEDNET Consortium CLINICAL KEY	RENEWAL	NTRMEDNET Consortium	2,50,000.00
CD & Video	525		80		605	
Others (specify)	DELNET	14500.00	DELNET	Renewal	DELNE	11,500.00

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	**680**	**3**	**10 mbps**			**120**	**225**	
Added	**42**	**0**	**160 mbps**					
Total	**722**	**3**	**170 mbps**					

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

- **Internet up gradation in full extent.**
- **Campus Wi-Fi access facility for staff and students.**
- **Internet access to staff in the departments.**
- **Intranet facility for attendance and academic purpose.**
- **Departments of research, Public Relation and Alumni can be accessed through networking.**

4.6 Amount spent on maintenance in lakhs:

i) ICT

ii) Campus Infrastructure and facilities   **Rs. 11, 59,500.00**

iii) Equipment   **Rs. 16, 08,274.00**

iv) Others

Total: **RS. 27, 67,774.00**

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

> As an innovative, a Students Wing of IQAC was designed to directly involve the student community in quality enhancement and value added practices. The wing comprises 50 members with responsibilities of liaising between IQAC and their peers, giving ideas and suggestions to enhance the quality of student's life by having quality education in the campus and to encourage their participation in seminars and conference.
>
> They play a key role in enhancing student involvement in college activities and this facilities good education. This wing will disseminate information on the support services provided by the college administration.

5.2 Efforts made by the institution for tracking the progression

> This institution tracks the progress of students through continuing mentoring the attendance and performance students by means of.
>
> - Mentoring System
> - Student Teacher Meeting
> - Parent Teacher Meeting
> - Departmental Meeting

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
250	103	5	

(b) No. of students outside the state admitted in 2017-2018

LOCATION	NUMBER			TOTAL
	U.G	P.G	SS	
Within the state AP	226	78	05	309
Outside the state AP	24	15	05	44
Foreign students	0	0	0	0
Total	250	93	10	353

(c) No. of international students :

Men | No | % |
Women | No | % |

	Last Year-2016-17						This Year 2017-18					
	General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
MBBS	151	20	08	71	Nil	250	142	24	08	76	Nil	250
P.G.	57	12	01	30	Nil	100	51	06	03	33	Nil	93
SS	11	Nil	NIL	03	Nil	14	10	Nil	Nil	Nil	Nil	10

Demand ratio   Dropout % Nil

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

No. of students beneficiaries   –

5.5 No. of students qualified in these examinations

NET ☐   ET/SLETGATE ☐   CAT ☐   ☐

IAS/IPS etc ☐   State PSC ☐   UPSC ☐   Others ☐   NEET ☐

5.6 Details of student counselling and career guidance

The students counselling centre will extend the counselling assistance to students with Academic, Psychological and Social concerns. Student counsellors and Clinical Psychiatrists are available who will provide the services to enable the students to function effectively and improve their wellness. Students with serious psychological disturbances are referred to Clinical Psychologist for further evaluation.

The centre conducts Seminars for staff & students on counselling and life skills.

No. of students benefitted

[ ]

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
-	-	-	-

5.8 Details of gender sensitization programmes

The college has established SHE (Sexual Harassment Elimination) committee to eliminate any kind of exploitation at study and workplace. Institute organises Seminars and Workshops on Women empowerment and self-defence.

5.9 Students Activities

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

State/ University level [**135**] National level [ ] International level [ ]

No. of students participated in cultural events

State/ University level [**90**] National level [ ] International level [ ]

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

Sports: State/ University level [**3**] 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	Nil	Nil
Financial support from government	196 Members Social Welfare scheme	**1,10,00000**
Financial support from other sources	Nil	Nil
Number of students who received International/ National recognitions	Nil	Nil

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

Our Vision

To excel in value based medical education health care, research and technology of global standards enrich with quality, contributing to national development.

Our Mission

- o To provide value based, student centric, community oriented, flexible medical education with continuous evaluation.
- o To achieve sustain and further enhance quality medical education. Providing access with thrust on quality, involving stake holders.
- o To offer ultra-affordable health care, integrating AYUSH system with access to rural people in congruence with all national health programs to achieve the goal of "Health for All".
- o To encourage innovative collaborative basic research to benefit the community and enabling the industry to produce cost effective equipments and drugs.
- o To stimulate innovation of indigenous technology and to promote technology transfer and optimal utilization of available contemporary technology for teaching, training, health care and research.

6.2 Does the Institution has a management Information System

> The College ensures a system of participative management whereby information flows and decision making processes are systematised through all key constituents of the College. The suggestions given by the management Committee, Governing body, and the finance Committee, are implemented by the various administrative offices, under the leadership and guidance of the principal.
>
> The Heads of departments ensure the smooth functioning of the activities of the department in collaboration with other members of the department. Regular meeting of the staff Council are held to discuss and decide on matters relating to academic and administration,for the smooth and effective functioning of the College. Interactions with stakeholders comprising of faculty, Parent, alumni and students, are regularly organised. Feedback received from faculty, students, alumni and stakeholders are considered for continuous review and revision which are relevant to the changing needs of higher education.

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

6.3.1 Curriculum Development

> An assessment of the effectiveness of the current curriculum is done through feedback obtained from faculty, subject experts, and member of the academic committee. After reviewing suggestions from all stakeholders, the curriculum restructuring committee add additional inputs, Relevant and innovative suggestions for the restructuring are discussed at staff council and general staff meetings in order to prepare a general curricular framework for the institution. Care is taken to ensure that the norms and guidelines recommended by Dr.NTRUHS, Vijayawada, A.P (MCI India)

6.3.2 Teaching and Learning

> State of the art technology being implemented for promoting innovation teaching methodology, Constant review, testing and evaluation patterns to encourage creativity, originality and analytical thinking. Faculty members are motivated to design contemporary, skill based and value added programmes. Training sessions for the faculty are conducted to enhance their teaching skills. MCI approved medical education programme to train the teachers are going on the presence of observer from nodal centres.

6.3.3 Examination and Evaluation

The Evaluation processes consist of continuous performance assessment and seminar examination and final examinations by Dr.NTRUHS examinations

Weightage is given to the semester (Internal Assessment). Innovative evaluation methodology which may include seminar/ assignment /projects/quiz to assess the learning zeal of the student, Weekly test with MCQ s are also conducted for CIA and to help students in NEET preparation

6.3.4 Research and Development

NMCH at its research level had state of art central research facility (Dept. of ARC) with high end infrastructure, which is recognized by DSIR (Department of scientific and Industrial Research) Govt. of India. Internally, the creation of the central research facility is a continuation of development already underway to support interdisciplinary research in the biomedical science at NMI. The creation of this centre adds a specialized focus in the NMCH in terms of overall biomedical research strategy. NMCH focuses on frontier areas of basic and applied research which include Micronutrients & trace elements, Genomics, Meta-Genomics, infectious diseases, Microbiology, Virology, Cardio Vascular biology, free radical chemistry, herbal formulations Drugs discovery , Bioinformatics, Stroke and Hypertension, Trauma Registry, Child Health , Molecular biology, Pharmacology & Pharmacokinetics, in depth analysis of anatomical& pathological features related to various diseases and disorders, epidemiological studies ,cancer biology and stem cells research while simultaneously importing advance learning aimed at expanding and adding to the body of scientific knowledge. To achieve our aim, NMCH has been initiated various research programme through innovative strategies like **"Research Series"**. Inter disciplinary research has been focused in collaboration with internal departments, internal institutes and other external national and international institute of repute. Moreover the NMI hub, authorized by the MCI, DCI etc., has contributed significantly to the increase in external research funding at NMI from the Reputed National and International organizational and other health-orientation sources.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Library: Networking has been installed in the library to facilities the access of information on online database, e-journal and e-books

ICT (Information and communication Technologies): The institution adopted certain policies and strategies for the deployment of suitable technology. ICT facility and other learning resources are adequately available in the institution for academic and administrative proposes. Access to technology and information retrieval on current and relevant issue are available for staff and students. ICT deployed state-of-the-art equipment including SMART board in selected class rooms. Departments have been provided with computer and LCD projectors.

Physical infrastructure and instrumentation: College as well as hospital has got enough class rooms with AV facilities, buildings for administrative offices, staff rooms, students common rooms, highly equipped laboratories, game field , ATM facility, Canteen, and Parking Area, student hostels and staff quarters.

Infrastructure, Maintenance & Up Gradation:

- In General hospital first floor New PICU/NICU department has been established with upgraded facilities.
- MRD department has been upgraded in hospital block –II by facilitating department rooms and cubicles for records writing staff including adequate area for storage of old record.
- The process of digitalization of old case sheets already initiated.
- Emergency department has been upgraded by providing separate facility for Gynaecology, and Poison and Burns patient
- At main gate entrance behind bus shelter, Toilets facility for gents and ladies separately has been provided.

Over the library building new "Advance Research Centre" has been established costing around 3.00 crores with four clean rooms, Director & staff rooms, Lab area, Including board room for meetings.

- For patient movements in General Hospital "D" Block a new "24 person's capacity passengers cum bed lift" costing around 25.00 lakhs has been installed and put in to use.
- For Hygiene Maintenance of inside and outside the hospital the service is being out sourced to private agency.

Narayana General & Super Speciality Hospital:

1. The Hospital is located in a good approachable area for surrounding rural as well as urban population. There is a well connectivity for the hospital for all kind of people from all over the state as well from other states. It is a 1650 bedded hospital with **Emergency department** established with lifesaving equipment and well trained Clinical &Nursing staff. Well established with general ICU, PICU, NICU, Neurology&Neurosurgery ICU, Cardiac ICU, Nephrology ICU are available.

2. Dialysis Units are there for effective dialysis procedure within reasonable cost.

3. Well Equipped Radiology Department serving to the patients with 3.0 Tesla MRI, CT, Ultrasound machine and X-ray units. All radiology reports are digitalised with PACS

4. Central Clinical laboratory is equipped with state-of-art equipment and it is NABL accredited.

   - Automated Analysers

   - CLIA equipment for serological tests

   - BacT-Alert-Blood Culture system

   - Vitck-2- Antibiotic sensitivity and culture

   - Cell counter for haematology

   - Histopathological examination centre to rule out cancers

   - Blood Bank

6.3.6 Human Resource Management

At the end of each academic year the Management Committee review the exiting positions and identifies personnel for various teaching and non-teaching positions. The Management makes appointment through prescribed procedures. Orientation and training programmes are periodically organized for new recruits especially for:

- Management of emergency situations

- Infection control practices

- Bio Medical Waste management

- Good Patient Care Practices

6.3.7 Faculty and Staff recruitment

New Application for vacancy positions from qualified candidates are invited through advertisement inleading newspapers. Applicants who meet the eligibility criteria lay down By MCI and Dr.NTRUHS, A.P are called for interview. The selection panel consist of Principal, Coordinator, and Members of the management and head of the concern department. Candidates deemed suitable to meet the institutional needs are only selected.

6.3.8 Industry Interaction / Collaboration

NIL

6.3.9 Admission of Students

Admission process is based on the guidelines given by Dr,NTRUHS, Vijayawada for the candidates who qualified in the NEET . The college website prospectus and the hand book contained information about the institution. The prospectus will highlight the details of various aspects of the college and Hospital. All information relating to admission process is made know to the public by way of a help desk that is set up during admissions.

The ICT enabled process will generate the student profile report. An analysis of the profile helps in identifying students who need special assistance in their academic performance due to their problems related to the regional language and rural background to enhance their communication skills and to help them to blend with the college for the needs, local language class were conducted along with the English classes.

6.4 Welfare schemes for

Teaching	1. Doctors Lounge to provide lunch and dinner with minimal cost
	2. Flexi timing provide for Medical reasons
	3. Regular increments in salaries, contribution towards medical insurance
	4. Maternity Leave
	5. Concession on health care bills
	6. Provision sick leaves, casual leaves and academic leaves.
Non-teaching	1. Advance to meet emergency expenditure of the staff'
	2. Free Uniform for the supportive staff'
	3. Concession on health care bills'
	4. Regular Salary Increments'
	5. Canteen Facility.
Students	1. Training for the students to appear for competitive examination
	2. A wellness centre under the supervision of clinical Psychiatrist and a counsellor
	3. Institute organises student's welfare activity, students counselling disbursement of scholarship.
	4. Organises orientation programmes for the first year students on all matters relating to academics, students discipline and services available in the

	institute.

6.5 Total corpus fund generated | 39, 77,995.00 |

6.6 Whether annual financial audit has been done Yes [√]   No [ ]

A. Total budget spent on research for the year 2017-18   **:**

Capital   **: 1, 47,343.00**

Revenue   **: 1, 71, 92,931.00**

B. Total budget spent on research upon the January 2018   **: 98, 03,979.00**

C. Total Corpus Fund raised   **: 39, 77,995.00**

D. Total Budget spent on infrastructure up to January 2018   **:**   -

a. Equipment   :   -

b. Electrical   :   -

c. Furniture   :   -

d. Electronics   :   -

E. Total Budget for the year 2017-18   **:1, 90, 00.000.00**

F. **Total amount spent till January 2018**   **: 73, 88,952.00**

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic			**YES**	**College Council**
Administrative			**YES**	**Governing Council**

6.8 Does the University/ Autonomous College declare 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?

NOT APPLICABLE

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

NOT APPLICABLE

6.11 Activities and support from the Alumni Association

This Institution through established only 18 years back ,focusing upon the contribution from enthusiastic and willing Alumni. There is a registered alumni association with active participation from Alumni.

The Alumni spread all are India and also in other counties are contributing and willing to contributing to the overall growth of organization. Activates like old students meet, lectures from reputed old students to post graduates and under graduate is in process.

6.12 Activities and support from the Parent – Teacher Association

1. **Periodic Meetings**
2. **Online availability of student progress**
3. **Daily SMS of students Attendance**
4. **Feed Back**

6.13 Development programmes for support staff

1. **Periodic Meetings**
2. **Bio Metric Attendance**
3. **Staff welfare measures**
4. **Feed Back**

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

1. **Carbon Neutralization (Received Greenery Award)**
2. **Rain Water harvesting**
3. **Trees Planting**
4. **Solar Energy**
5. **E-Waste management**
6. **Paper Less Office**

Criterion – VII

7. <u>Innovations and Best Practices</u>

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

> **The college periodically introduces new innovations in its curriculum by various departments to cater to the needs of the students.**
> **The following initiatives were taken to enhance knowledge and skills among the students:**
> - **ICMR STS Projects for undergraduate level.**
> - **Introduction of skill development through demonstrations.**
> - **Introduction of integrated teaching modules to impart broad based learning.**
> - **Training in soft skills to increase self-confidence and to build up leadership qualities.**

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

> **Action Taken Report:**
>
> - **Research Series Initiated**
> - **Steps are initiated for Publications in impact Journal**
> - **Faculty Development Programmes**
> - **Steps for increase Collaborations at National / International Levels**

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

1. **Carbon Neutralization (Received Greenery Award) Annexure II**
2. **Continuation of Research Activates (Research Series) Annexure III**
3. **Medical Education (MCI Recognized Teacher Training Programme) Annexure IV**
4. **Rain Water harvesting**
5. **Trees Planting**
6. **Solar Energy**
7. **E-Waste management**
8. **Paper Less Office**

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

7.4 Contribution to environmental awareness / protection

One of the primary objectives of the institution is to sensitise students on environmental issues and to motivate them to promote ecological justice. We follow a best practice like "Reduce", "Reuse", and "Recycle" from the essence of every eco-friendly practice in the college. Eco initiatives of the campus include:

- Green lawns over 20 acres.
- Shady plants around 3960
- R.O plants
- Rain water harvesting
- Herbal garden with 4925 plants
- Energy efficient LED lighting
- Solar power systems
- Waste management
- Safe disposal of laboratory waste

7.5 Whether environmental audit was conducted? Yes

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

STRENGHTS	WEAKNESS

1. Campus a location in the scenic environment with.
   a. Greenery and water facility
   b. Well maintained with facilities and infrastructure.
   c. Eco-friendly measures are being implemented.
2. High quality academic programmes UG and PG course level.
3. A holistic educational experience.
4. BROAD –based curriculum with emphasis both on skills development and knowledge.
5. Highly qualified faculty committed to students welfare.
6. Support programmes for poor achievers.
7. Mentoring system is well structured.
8. Excellent reputation at both National and International level.
9. A strong focus on high quality, students centred teaching – learning processes.
10. Well established partnership with other higher education and research institutes.
11. Sustained approach to research and related academic activities.
12. Excellent library facilities.
13. Well maintained and safe residential facilities for staff and Hostel for students.
14. Well-equipped laboratories.
15. Participation of students in social service and cultural activities.
16. Strong supportive staff.
	1. No Certificate Courses.
	2. No Sufficient student's strength in some programme.
	3. Slow progress in identifying funding agencies for research projects.
	4. Less number of major research projects.

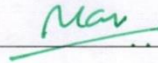| OPPRTUNITIES	CHALLENGES
1. Increasing the possibilities for partnership, and collaborations with other institutes. 2. Good number of patient's inputs for skill based learning. 3. Opportunities for undertaking interdisciplinary research activities. 4. Increase opportunities to develop new programmes. 5. Expertise of faculty to tap the corporate sector for funding and research projects. 6. Potential for leadership role in the Country through innovative curriculum, and knowledge exchange.	1. Focus on vocationalisation of higher education in future policymaking. 2. Perception that all educational processes should be directed towards preparing students for well placement.

8.**<u>Plans of institution for next year</u>**

1. **Restructuring of the curriculum**

2. **Incorporation of integrated modules in T-L methods**

3. **Reforms in formative evaluation**

4. **Enhance research activities and publications**

5. **Faculty development and exchange programmes**

6. **Enhance collaborations service**

7. **Increased eco-friendly infrastructure facilities**

8. **Introduction of nutritious and healthy food in the campus**

Name **_Dr.S.V.Phanindra_**   Name**_Dr.G.V.VeeraNagi Reddy_**

Signature of the Coordinator, IQAC   _Signature of the Chairperson, IQAC_

——— *** ———

Annexure I

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

****

What your appliances cost you and how much CO_2 they emit

Per hour			
Appliance	Power (in Watt)	CO_2 emissions per hour (gr)[1]	Operating cost per hour (€ cent)[2]
Light bulb 60 W	60	39	0.6
Energy-saving light bulb equivalent to 60 W normal bulb	11	7	0.11
Halogen uplighter	300	195	3
TV set	80-300	52-195	0.8-3
Stereo/Hi Fi	55-500	36-325	0.6-5
Laptop & Computer	80-360	52-234	0.8-3.6
Vacuum cleaner	700-2000	455-1300	7-20
Hair dryer	800-2000	520-1300	8-20
Water kettle	300-3200	195-2080	3-32
Micro wave	700-2100	455-1365	7-21
Washing machine	500-3000	325-1950	5-30
Tumble dryer	500-5700	325-3705	5-57
Dish washer	700-3000	455-1950	7-30
Electric radiator/heater	500-3000	325-1950	5-30
Air conditioner	800-5000	520-3250	8-50
Small electric hot water boiler	1500-6000	975-3900	15-60
Per month			
Appliance	Power (in Watt)	CO2 emissions per month (kg)[1]	Operating cost per month (€)[2]
Fridge	200-700	94-328	14-50
Freezer	300-700	140-328	22-50

[1] At 650gr of CO_2 emissions per 1 KWh
[2] At 0.10 € for 1 KWh

Research Working Series 2017

An innovative research series is inaugurated under the title "Research Working Series 2017" under the able guidance of Mr. K.Puneet, Chairman, Narayana Group and Dr. P.Sindhura, Executive Director of Narayana Group on 27th & 28th October, 2017 at Narayana Medical Institutions, Nellore. Organized By : mByom (Consulting Partner) TiaTech (Research and Healthcare Technology Partner).

The program started with a brief introduction about the inception of Narayana Group by Dr.P.Sindhura followed by detailed informative speech by Mr.K.Puneet about the purpose and the end goals and committed support from management towards development of research in Narayana Medical Institutions.

Day 1 : The following International & National speakers enlightened the audience on Research.

1. Dr. Ramesh Madhavan, Medical Director of telemedicine at St.Joseph Mercy Oakland Hospital
& Michigan Stroke Network.
2. Dr.Hari Conjeevram, Professor of Medicine at University of Michigan (UM)
3. Prof. Sudhakar Rao, Professor of Biophysics.
This was followed by small group interaction with speakers on topics like Research Administration and Research in Biophysics.

Day 2 : The second day started with the group discussion with the staff of Narayana Medical Institutions and the speakers, followed by the presentation from Narayana Medical Institutions team to the guests on the action plans
1. Research Eco-system creation in Narayana Medical Institutions.
2. The Research plan from Neuro Surgery and Neurology.
3. The Biophysics Research Plan.
The program was concluded by vote of thanks.

Click on the below image enlarge

Today is a proud day for the Narayana family. Our respect and commitment to nurture Mother Nature has been recognised and honoured by the Government of Andhra Pradesh.

At the 69th Vanamahotsavam celebrations, Narayana Medical College Nellore received the 1st prize in the Private Colleges sub-category of the Andhra Pradesh Green Award. The Honourable Chief Minister of the State, Shri Nara Chandrababu Naidu has graced us with this prestigious award - this is nothing less than an ode to the painstaking efforts of the Narayana crew who had the foresight to create a green campus on a mission mode. They planted and cared for trees that were embedded by their roots in the soil. Even today, as one enters its premises, they would notice that 30% of the total land (9,00,000 square feet) is allotted to greenery alone. These tall trees virtually overpower the sight of the campus buildings.

We are delighted to be a host to one of the best green landscapes in the state where our students and patients enjoy good health and peace of mind.