NIZAM COLLEGE

(Autonomous)

A Constituent College of Osmania University

with CPE Status

Basheerbagh, Hyderabad
Telangana State, India

Submission of

AQAR
(Annual Quality Assurance Report)
2015-16

To

NAAC

(NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL)

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Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

1. Details of the Institution

1.1 Name of the Institution	NIZAM COLLEGE
1.2 Address Line 1	Opp. L.B. Stadium
Address Line 2	Basheerbagh
City/Town	Hyderabad
State	Telangana
Pin Code	500001
Institution e-mail address	principalnizamcollege@gmail.com
Contact Nos.	040-23240806
Name of the Head of the Institution	Prof. Syed Rahman
Tel. No. with STD Code	040-23240806
Mobile:	9246521145
Name of the IQAC Co-ordinator:	Dr. A. Krishnam Raju
Mobile:	9849145743
IQAC e-mail address:	iqaccellnizamcollege@gmail.com

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

12208

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)

EC/58/RAR/090 dated 10-03-2012

www.nizamcollege.ac.in

1.5 Website address:

Web-link of the AQAR:

www.nizamcollege.ac.in/AQAR/AQAR2015-16R.pdf

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B++		2005	2010
2	2nd Cycle	A	3.19	2012	2017
3	3rd Cycle				
4	4th Cycle				

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

25.06.2011

1.8 AQAR for the year *(for example 2010-11)*

2015-16

1.9 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 2012-13 submitted to NAAC on 29.05.2018
 ii.   AQAR 2013-14 submitted to NAAC on 29.05.2018
iii.   AQAR 2014-15 submitted to NAAC on 29.05.2018
 iv.   AQAR 2015-16 submitted to NAAC on 29.05.2018

1.10 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 ☐

1.11 Type of Faculty/Programme

Arts	√	Science	√	Commerce	√	Law		PEI(Phys. Edu)	
TEI (Edu)		Engineering		Health Science		Management	√	Others (Specify)	**Faculty of Informatics** (BCA, MCA, M.Sc (IS))

1.12 Name of the Affiliating University *(for the Colleges)*   Osmania University

1.13 Special status conferred by Central/ State Government--

UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University   University, UGC

University with Potential for Excellence		UGC-CPE	√
DST Star Scheme		UGC-CE	
UGC-Special Assistance Programme		DST-FIST	√
UGC-Innovative PG programmes	√	Any other (*Specify*)	
UGC-COP Programmes	√		

2. IQAC Composition and Activities

2.1 No. of Teachers   12

2.2 No. of Administrative/Technical staff   01

2.3 No. of students   01

2.4 No. of Management representatives   02

2.5 No. of Alumni   01

2. 6 No. of any other stakeholder and community representatives   02

2.7 No. of Employers/ Industrialists | 01 |

2.8 No. of other External Experts | 00 |

2.9 Total No. of members | 20 |

2.10 No. of IQAC meetings held | 2 |

2.11 No. of meetings with various stakeholders: Total No. | 6 | No. Faculty | 2 |

Non-Teaching Staff | 2 | Students | 1 | Alumni | 1 | Others | |

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

      If yes, mention the amount | |

Note: *Received an amount of Rs. 3,00,000/- in March 2014 for the period of 5 years.

2.13 Seminars and Conferences (only quality related)

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

Total Nos. | 5 | International | - | National | - | State | 5 | Institution Level | - |

    (ii) Themes

> ✓ Reforms in Higher Education
> ✓ Multimedia and Animations
> ✓ Data Base Search and Sequence Analysis
> ✓ E-Resources
> ✓ Skills and Personality Development
> ✓ Science Day

2.14 Significant Activities and contributions made by IQAC

> ✓ Introducing CBCS
> ✓ Introduction of HHS and SUP at UG Level
> ✓ To encourage the departments to collaborate and sign MoUs with industry corporates, etc
> ✓ Introduction of Project reports for UG final year students
> ✓ Introduction of Value added courses (Ability Enhancement Courses, ID papers)
> ✓ Analysis of teaching-learning feedback

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
Curriculum enrichment	✓ Introducing CBCS ✓ Introduction of HHS and SUP at UG Level ✓ Introduction of Project reports for UG final year students ✓ Introduction of Value added courses (Ability enhancement courses)
Quality enhancement initiatives	✓ IQAC organized a Two day National Seminar on "Reforms in Higher Education – Opportunities and Challenges for Autonomous Colleges" during 28th & 29th March 2016 with the support of Telangana State Project Directorate, RUSA
Programmes on research methodology and multimedia and e-resources.	✓ Dept. of Informatics organized a Seminar on "Multimedia and Animations" on 21st August 2015 ✓ Dept. of Botany organized a National workshop on "Database search and sequence analysis" at PGRRCDE from 27-28 Feb 2016 ✓ IQAC organized a Guest lecture on "E-Resource of Osmania University" on 09th November 2015
Expanding placement cell activities	✓ Placement Cell conducted a seminar on "Personality Development", on 9th October 2015 ✓ Placement Cell organized a workshop on "Skill Development" in collaboration with OYSTER on 10th Feb 2016
Infrastructural upgradation	✓ Two R.O. Plants were installed in Nizam College Hostel UG and PG Block sanctioned by Sri. Raja Singh, MLA under MLA funds ✓ Three R.O. Plants were installed in Nizam College Principal Block, English/Commerce Block and Chemistry/ Physics Block sanctioned by Sri. M.S. Prabhakar Rao, MLC under CDP funds ✓ Washrooms exclusively for ladies were constructed in MBA & Biotechnology block.

	✓ Central Instrumentation laboratory with Sophisticated instruments was inaugurated ✓ A sprawling sports complex with state of the art facilities has been constructed and inaugurated in April 2015
Student Support Activities.	✓ The Department of Commerce Organized Nizam ComFest on 1st and 2nd March 2016
Celebration of National Science Day	✓ The Science departments of the College organized a two day programme on "Recent Innovations in Science and Technology" on 29th Feb & 1st March 2016, Supported by Telangana State Council of Science &Technology (TSCOST) and National Council for Science & Technology Communications (NCSTC), DST New Delhi, under the theme National Science Day-2016 Celebrations: Make in India – S & T Driven Innovations

* 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 | Academic council
Governing Body |

Provide the details of the action taken

| All the activities under 2.15 (Plan of Action by IQAC/Outcome) have been achieved |

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	10			
PG	21*		3	
UG	22	02	13	
PG Diploma	1		1	
Advanced Diploma				
Diploma	4		2	
Certificate	1		1	
Others				
Total	59	02	20	

Interdisciplinary				
Innovative	01*			

Note:*M.Sc. Chemistry (Pharmacoinformatics) is UGC innovative programme

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

Pattern	Number of programmes
Semester	50
Trimester	--
Annual	01

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-II

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

- ✓ Dept. of Chemistry
    - ○ B.Sc. Sem-V & VI, resolved to have electives
    - ○ Implementation of CBCS pattern for B.Sc.
    - ○ PG: Resolved to have one practical paper & project work for foreign students in Sem-IV.
    - ○ PG : FYIC, Proposed Syllabus for VII, VIII and IX semesters should have 5 theory and semester -X will exclusively be project
- ✓ UG syllabus was modified by 30%
- ✓ Dept. of English revised the syllabus for English Literature
- ✓ Dept of Sociology:
    - ○ UG Paper V titled Applications of Sociology has been upgraded with the title Philosophical Foundations and Applications of Sociology;
    - ○ Practicals were introduced at UG second year with 25 marks in semester III and IV
    - ○ Introduced Ability Enhancement course titled Human Values and Ethics at UG level across the streams
    - ○ Introduced two skill enhancement courses titled i) Indian Society and Culture and ii) Disaster Management
- ✓ Dept. of Psychology introduced Statistics in Paper I at UG level
- ✓ Dept. of Zoology revised the syllabus and introduced Projects and ID paper

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
64	49	05	10	--

2.2 No. of permanent faculty with Ph.D.

59

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
49	--	05	50	10	08	--	--	64	58

Please Note: Appointments are made by Osmania University and posted to Nizam
College to Work.

2.4 No. of Guest and Visiting faculty and Temporary faculty | 186* |

* Assistant Professor (c) and Part time Lecturers

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	28	74	07
Presented	19	50	04
Resource Persons	01	14	03

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

- ✓ ICT facilities provided to the departments
- ✓ CBCS adopted for under graduate courses and Post graduate courses
- ✓ Add on course for all subject in allied subjects
- ✓ Industrial visits and Scientific research institute visits are organised for undergraduate and post graduate science students
- ✓ Environmental sciences and Human values and ethics were made mandatory subject for all graduate courses under AECC

2.7 Total No. of actual teaching days
during this academic year | 180 |

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

> ✓ CBCS introduced
> ✓ Provision of obtaining Photocopy of answer script on request by the student

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

> ✓ All full time teachers of respective departments are involved in curriculum revision, restructuring and syllabus development
> ✓ All the permanent teachers are members of Board of Studies. In several departments the other full time teachers are also members of Board of Studies

2.10 Average percentage of attendance of students   76%

2.11 Course/Programme wise
distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.A.	328	_	73.48	10.37	_	_
B.Com.	160	_	61.88	20.00	_	_
B.Sc.	294	_	77.89	16.67	_	_
B.B.A.	42	_	83.33	14.29	_	_

Please Note: Data pertains to only VI Semester. Distinction is not followed.

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

> ✓ Introduced CBCS syllabi for UG semester I and II
> ✓ Dept. of Hindi started Diploma in Translation and communicative Hindi
> ✓ Coordinating with NCC, NSS units of the college for various extension activities and social responsibility programmes

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	06
UGC – Faculty Improvement Programme	02
HRD programmes	02
Orientation programmes	07
Faculty exchange programme	01
Staff training conducted by the university	02
Staff training conducted by other institutions	04
Summer / Winter schools, Workshops, etc.	03
Others	--

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	41	123	--	--
Technical Staff	26	20	--	--

Please Note: Appointments are made by Osmania University and posted to Nizam College to Work.

Criterion – III

3. Research, Consultancy and Extension

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

- ✓ Encouraging industrial educational tours to gain grass root experience
- ✓ Encouraging staff and students to attend Seminars and Conferences and present the papers
- ✓ Organise National Science Day Celebrations
- ✓ Establish Central Instrumentation Lab with sophisticated instruments to facilitate and promote research

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	7	3	1
Outlay in Rs. Lakhs	20.00	13.89	82.52	15.00

3.3   Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	7	--	1
Outlay in Rs. Lakhs	--	32.28	--	6.00

3.4   Details on research publications

	International	National	Others
Peer Review Journals	61	22	01
Non-Peer Review Journals	05	14	--
e-Journals	03	--	--
Conference proceedings	01	01	--

3.5 Details on Impact factor of publications:

Range 0.2-3.14   Average 1.65   h-index 5   Nos. in SCOPUS 29

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 (in Rs)	Received (in Rs)
Major projects	3	UGC	985800	424320
	3	DST-SERB	3751800	3325600
	3	AERB	3400000	--
	3	DST	1100000	--
	3	UGC	909400	557400
	5	DBT	1500000	--
Minor Projects	2	UGC-Startup	600000	--
	2	UGC-Startup	600000	--
	2	UGC-SERO	450000	--
	2	UGC-Startup	600000	--
	2	UGC-SERO	255000	--
	2	UGC	600000	600000
Interdisciplinary Projects		--	--	--
Industry sponsored		--	--	--
Projects sponsored by the University/ College		--	--	--
Students research projects *(other than compulsory by the University)*		--	--	--
Any other(Specify)				
Total			14752000	4907320

3.7 No. of books published   i) With ISBN No. | 13 | Chapters in Edited Books | 2 |

ii) Without ISBN No. | 4 |

3.8 No. of University Departments receiving funds from

UGC-SAP | | CAS | | DST-FIST | 2 |

DPE | | DBT Scheme/funds | |

3.9 For colleges   Autonomy | √ | CPE | √ | DBT Star Scheme | |

INSPIRE | √ | CE | | Any Other | DST-FIST |

3.10 Revenue generated through consultancy | |

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number		4			1
Sponsoring agencies		UGC; NC; ICSSR			College

3.12 No. of faculty served as experts, chairpersons or resource persons   29

3.13 No. of collaborations   International   National   Any other   1

3.14 No. of linkages created during this year   2

3.15 Total budget for research for current year in lakhs:

From Funding agency   37.50   From Management of University/College

Total   37.50

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	2
	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

Total	International	National	State	University	Dist	College
3	--	3	--	--	--	--

3.18 No. of faculty from the Institution   31
who are Ph. D. Guides
and students registered under them   109

3.19 No. of Ph.D. awarded by faculty from the Institution   7

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)
JRF   31   SRF   10   Project Fellows   Any other   1

3.21 No. of students Participated in NSS events:

University level [13]   State level [12]

National level [6]   International level [-]

3.22 No. of students participated in NCC events:

University level [ ]   State level [11]

National level [19]   International level [2]

3.23 No. of Awards won in NSS:

University level [ ]   State level [ ]

National level [ ]   International level [ ]

3.24 No. of Awards won in NCC:

University level [ ]   State level [7]

National level [5]   International level [1]

3.25 No. of Extension activities organized

University forum [ ]   College forum [6]

NCC [ ]   NSS [ ]   Any other [ ]

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

- ✓ The college organized an awareness programme on "Prevention of Suicides" on 25th Feb 2016
- ✓ The college organized an awareness programme on "HIV-AIDS" on 27th Feb 2016 in association with Telangana State AIDS-Control Society.
- ✓ The college in collaboration with ACB organized an Essay writing competition on "Anti Corruption" on 05th Dec 2015
- ✓ The College celebrated "International Women's Day" on 5th March 2016
- ✓ Nine Girls and three faculty participated in "Voice4Girls" out reach programme of Telangana Government and trained school level students at Sadasivapet and Mirdoddi of Medak District from 21st to 30th January 2016
- ✓ The College is centre for conducting various state and national level competitive examinations

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 (in acres)	24.4		Govt	24.4
Class rooms	78	0	Govt	78
Laboratories	60		Govt	60
Seminar Halls	10		Govt	10
No. of important equipments purchased ($\geq$ 1-0 lakh) during the current year.	29	6		35
Value of the equipment purchased during the year (Rs. in Lakhs)	78.61	1.54		80.15
Others				

4.2 Computerization of administration and library

> ✓ Library has purchased four computers.
> ✓ Library has purchased CD's and DVD's on various subjects.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	139195	_	3501	639275	142696	_
Reference Books	850				850	
e-Books	86				86	
Journals						
e-Journals	378				378	
Digital Database	NEWGENLIB SOFTWARE					
CD & Video	8				8	
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart -ments	Others
Existing	312	8		1		7	32	
Added	2					1		
Total	314	8		1		8	32	

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

> ✓ Training is provided to teachers on SPSS

4.6 Amount spent on maintenance in lakhs:

  i) ICT   6.38

 ii) Campus Infrastructure and facilities   3.76

iii) Equipments   7.90

iv) Others   12.96

Total: 31.01

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- ✓ IQAC has coordinated with the Dean, Student affairs and Director, Physical Education for student support system and also conducted meetings periodically with the officers for supporting facilities suggested for improvements. It has organised Orientation programmes with the help of the counsellor for newly admitted Indian and foreign students
- ✓ IQAC has conducted training programmes in collaboration with Placement cell and conducted campus interviews by inviting prominent industries
- ✓ IQAC also encourages students to come out with their views and suggestions to provide quality education
- ✓ Facilities are provided within the campus for physically challenged such as ramps, wheel chairs, etc for their easy mobility. College has provided tablets/laptops for visually challenged. And scribes are provided during the examination for the physically/visually challenged students
- ✓ IQAC emphasizes on the implementation of roaster system in admissions
- ✓ Slow learners are identified and remedial classes are conducted. Assignments are given to the students. Tutoring time is extended for the weak students.
- ✓ Peer mentoring is also encouraged by IQAC
- ✓ Collection of feedback from stake holders is done at departmental level.
- ✓ Study tours are conducted and students are encouraged for internships and projects. IQAC encourages the participation of students in various conferences/competitions (attendance condonation by 10%). Students are also encouraged to publish articles in journals, magazines, etc.,
- ✓ Sessions on goal setting, planning and skill development programmes are conducted.
- ✓ Cultural and social events and activities are organised for the interested students.
- ✓ University visits are encouraged by IQAC to share and gain knowledge about higher studies
- ✓ Legal assistance is provided to the foreign students whenever required
- ✓ Counselling and grievance redressal of students are given priority for the peace running of the academics; Anti- ragging committee takes necessary measures to curb the menace of ragging in the campus
- ✓ Health Centre with basic facilities is available and medicines are provided as per requirement

5.2 Efforts made by the institution for tracking the progression

- ✓ Student feedback is analysed
- ✓ Internal exams are conducted and evaluation scripts are shown to the students in the immediate class for discussion and clarification; Analysis of results are done
- ✓ Seminar presentations and viva-voce are conducted
- ✓ Annual meeting with graduate advisors/directors is conducted
- ✓ Initial level of performance and skill at the end of the semester is graphed by the teachers
- ✓ Mentors are allotted who meets the students periodically
- ✓ Attendance report is monitored regularly

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
4129	2085	109	--

(b) No. of students outside the state

125

(c) No. of international students

1271

Men

No	%
4226	68%

Women

No	%
1988	32%

	Last Year					This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
578	990	430	2500	72	5690	635	1103	484	2721	77	6214 * **

** Note: Total is including Foreign Students *The number of Ph.D and Physically Challenged is not included in the total.

Demand ratio: 13.74   Dropout: 14.83%

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

- ✓ Equal Opportunities Cell was established to provide free coaching classes for various competitive examinations(also entry level services) for the BC/SC/ST & minority students of the College (Non-Creamy layer). Students needs analysis was taken. Majority of them requested for coaching classes for Group-II state level services. The Cell has arranged classes for the following topics : General Studies, Polity , Economy
- ✓ Some students opted for coaching classes for Banking services (IBPS). The Cell has arranged classes for the following topics: Arithmetic & Reasoning and English.

- ✓ On-campus and Off-campus coaching given. Mock-tests conducted for students appearing for exams.
- ✓ Faculty of the departments also coach interested students.
- ✓ Lectures conducted every weekend in college by successful candidates and subject experts.
- ✓ Workshops on interview skills conducted.

No. of students beneficiaries

310

5.5 No. of students qualified in these examinations

NET 2 SET/SLET GATE 6 CAT

IAS/IPS etc State PSC UPSC Others 01

5.6 Details of student counselling and career guidance

- ✓ Nizam College Training and Placement Cell organized a Career Counselling & Orientation session wherein students who were interested in Placements/Internships/Career Guidance were initiated into writing industry-relevant curriculum vitae and they were counselled about the various career options available to them
- ✓ Training and Placement cell conducted Seminars and Workshops in order to develop student's skills for the future. The topics covered were resume writing, personal interviews, mock group discussions, and Vedic Mathematics. Students were informed how to crack 'CAT', Bank P.O., and SSC examinations
- ✓ The faculty members of the Department of Psychology use their professional skills to counsel their students and extend their services to the students of the college if these students willingly approach them
- ✓ Teachers hold extra-classes and tutorials to assist the students in managing their academic and personal problems
- ✓ Remedial Classes are held for students who require extra input
- ✓ The English Language Training Centre (ELTC) and Centre for English Language Training (CELT) provide communicative skills and other soft skills

- ✓ TASK (Telangana Academy for Skill and Knowledge) is a non-profit organization created by Government of Telangana for bringing synergy among institutions of Government, Industry & Academia with an objective of offering quality human resources and services to the industry. Nizam College is registered with TASK. TASK is facilitating the students by giving training to get the jobs in different companies

No. of students benefitted

70

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
8	300	124	10

5.8 Details of gender sensitization programmes

- ✓ Awareness meetings on Gender Sensitisation.
- ✓ Lecture on Sex Education and Life styles
- ✓ Awareness programme on Women issues like Female Foeticide, child marriage, violence against women
- ✓ Celebration of International Women's Day and Open Day for staff and students

5.9 Students Activities

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

State/ University level   41   National level   35   International level   14

No. of students participated in cultural events

State/ University level   16   National level   International level

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

Sports : State/ University level   06   National level   02   International level   02

Cultural: State/ University level   National level   International level

5.10 Scholarships and Financial Support

	Number of students	Amount (in Rs)
Financial support from institution		
Financial support from government	3214	44590602/-
Financial support from other sources		
Number of students who received International/ National recognitions		

5.11   Student organised / initiatives

Fairs   : State/ University level | 01 | National level | 01 | International level | |

Exhibition: State/ University level | | National level | | International level | |

5.12   No. of social initiatives undertaken by the students | 03 |

5.13 Major grievances of students (if any) redressed:
- ✓ Students have expressed their wish to have Wi-Fi in campus and college has provided the same after discussing with the Principal

- ✓ Students have complained about the delay in scholarships and it was addressed by the committee by advising the clerks and concerned authorities to speed up and the same was solved within a period of 10 days

Criterion – VI
6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

- ✓ To continue as a Centre of Excellence in education and research and consolidate our position as a reputed institution of higher education in the country.
- ✓ To enhance the standing of the College as a preferred institution of higher education both among the national and international student community.
- ✓ To provide students with a teaching-learning experience that develops in them the capacity for creativity, critical evaluation, discernment, effective communication, in-depth knowledge and fashion them into innovators, leaders and entrepreneurs.
- ✓ To enhance industry-academy interaction and involve eminent persons form the industry as resource persons, invite them for guest lectures, and arrange internship for students in industries.
- ✓ To ensure effective evaluation of teaching / learning curricula and provide co-curricular opportunities for students and faculty.
- ✓ To achieve excellence in pure and applied research in different subjects and contribute to the development of the State and the Nation.
- ✓ To ensure and enhance accountability among all students, administration and faculty.
- ✓ To provide a support system of reliable services – both academic and social – to the students.
- ✓ To develop an environment-friendly campus.
- ✓ To build a network of alumni and friends to strengthen allegiance and support to the College.
- ✓ To fulfil the various responsibilities of an institution of learning towards the community / society at large.

6.2 Does the Institution has a management Information System

Yes. For Exam results

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

6.3.1 Curriculum Development

- ✓ CBCS pattern has been implemented with a distribution of 4 credits for theory paper and 1 credit for practical session for semester I to IV for all the BSc programs and BA programs offering practical.
- ✓ Faculty members are involved in course restructuring and revision committees
- ✓ Add on Courses:
  1. Communicative English and Soft Skills (Common for all)
  2. Basics of Computer (Faculty of Science)
  3. Computer basis and Applications (Faculty of Arts, Commerce & Social Science)
- ✓ Inter Disciplinary Papers:
  1. Spectroscopy and Analytical Techniques. (PG)
  2. Nano Science (PG)
  3. Health & Hygiene (PG)
  4. Space Physics (UG)
  5. Basic Electronics (UG)
  6. Computer Hardware & Networks (UG)
  7. Basics of Computer Science (UG)
  8. Vermi culture (UG)

6.3.2 Teaching and Learning

- ✓ Mentoring of the students has been started apart from regular teaching.
- ✓ Highly qualified and dedicated faculty.
- ✓ Healthy interaction between students and faculty
- ✓ Learning beyond curriculum.
- ✓ Remedial classes were held for the students requiring additional help
- ✓ Guest Lectures have been arranged to students to motivate them to take up higher education and research
- ✓ UG students interactive program was held to make them understand the CBCS pattern of curriculum at UG level
- ✓ PG: The foreign students were permitted to opt for project work in place of one practical paper in semester IV, which was in demand for their benefit in their country.

6.3.3 Examination and Evaluation

- ✓ Continuous evaluation through different methods like Internal Assessment Test, assignments, presentations, projects etc.
- ✓ Transparency is maintained in evaluation process.
- ✓ The examination question papers are set by external examiners
- ✓ The Pattern of assignments has been continued with two internal assessments. In this regard, students are given 20 questions in each paper in the fourth week of the semester and the completed assignments will be submitted in the 13th week of that semester, which will be evaluated for 5 Marks.
- ✓ UG: one internal exam for 20% of the marks has been conducted.

6.3.4 Research and Development

- ✓ Teachers have developed their research facilities with the start-up and other projects obtained.
- ✓ The college encourages teachers to undertake Minor and Major Research Projects under various schemes from various funding agencies
- ✓ Teachers allotted research labs to continue their research work.
- ✓ Tie up with the Central Facilities for Research Development (CFRD), Osmania University
- ✓ Teachers and Students visit National level science and research institutions like CCMB, IICT, NIN, ICRISAT etc.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- ✓ Automated Library
- ✓ Department Seminar Libraries
- ✓ Good number of computer and research labs
- ✓ Wi-Fi facility for research support
- ✓ Central Instrumentation facility
- ✓ The equipment purchased under FIST Level '0' program has been made available to all the teachers to utilize their usage in carrying their research work effectively.
- ✓ The Software's for theoretical calculations – SIGRESS and Gaussian have been procured, which is of great use for the research scholars

6.3.6 Human Resource Management

- ✓ The teaching staff attends Orientation and Refresher Course as part of Human Resource Development.
- ✓ Administration supports faculty, staff and students with necessary and relevant support to optimize their work.

6.3.7 Faculty and Staff recruitment

- ✓ It is guided by the policies of state government and as per the guidelines of UGC.
- ✓ If any deficiency of teachers are arises then Part-time teachers are recruited by the Department as per Osmania University norms

6.3.8 Industry Interaction / Collaboration

- ✓ All the Departments are encouraged to make their courses of study relevant to industry/ market.

- ✓ Industrial visits, lectures by industry experts and domain experts are regularly conducted

6.3.9 Admission of Students

- ✓ Constitution of Scrutiny Committee
- ✓ Constitution of Admission Committee
- ✓ Appointment of members for Career Guidance Cell
- ✓ Admission of students following reservation rules and on merit basis

6.4 Welfare schemes for

Teaching	✓ LIC Pension Fund ✓ Maternity Leave ✓ Paternity Leave ✓ Contributory Pension Fund ✓ Non-Contributory Pension fund ✓ Child care Leave ✓ Career Advancement Schemes ✓ Faculty Improvement Schemes ✓ Faculty Development Programmes ✓ Residential Quarters ✓ Health Centre
Non teaching	✓ Residential Quarters ✓ Health Centre ✓ Maternity Leave ✓ Paternity Leave
Students	✓ Janata Insurance Policy ✓ Scholarship ✓ Health Centre, ✓ Hostel Facility, ✓ Sprawling grounds and provision for In-door Games.

6.5 Total corpus fund generated   Rs. 1880050/-

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

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No		Yes	Head of the department and the Institution
Administrative	Yes	M/s. M.K. Prabhakar & Co. CA	Yes	State Audit, Osmania University, State Audit Department, Govt. of Telangana.

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?

> ✓ Introduced CBCS with grading system

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

> ✓ The University has provided complete academic autonomy at UG level only facilitating launching new courses syllabus modification, curriculum planning and development.

6.11 Activities and support from the Alumni Association

> ✓ Nizam College has a strong Alumni Association. The annual Alumni meet is held every year.
>
> ✓ Since 2011An annual merit scholarship programme for the undergraduate students of the college has been instituted by Alumni of 2001 batch.

6.12 Activities and support from the Parent – Teacher Association

> ✓ The Parent teacher meetings are held at department level.
> ✓ Suggestions by Parents are discussed and incorporated wherever possible.

6.13 Development programmes for support staff

> ✓ Support staff tours
> ✓ Training Seminar for support staff on positive communication at work place
> ✓ Training on English Skills for promotional Excellence

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

> ✓ Rain water harvesting pits
> ✓ Butterfly conservation house
> ✓ Vermi Compost pit
> ✓ Plantation Programme
> ✓ Paper Recycling
> ✓ Testing of Soil and Water samples
> ✓ The Department of Computer Science donates the old versions of computers to the schools of our organization.
> ✓ The faculty members and students of Department of Electronics and Computer Science of the college are working on different aspects of e-waste management.

Criterion – VII

7. Innovations and Best Practices

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

- ✓ Established Psychological Counselling facility for students in collaboration with Roshni Counselling Centre and Psychology Clinic, Hyderabad.
- ✓ A sprawling sports complex with state of the art facilities has been constructed and inaugurated.
- ✓ R.O. Plants were installed in Nizam College, Hostel in UG & PG.

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

- ✓ Introduced two new combinations of History, Hindi, Sanskrit and Urdu, Persian, Sociology at BA Level.

- ✓ Department of Hindi started "Diploma in Translations Communicative Hindi.

- ✓ Awareness programme on HIV-AIDS in association with Telangana State AIDS control Society was organised.

- ✓ A Plethora of activities fruitified by way of "Commerce Fest" by Department of Commerce, "Literary Resonance" by Department of Sociology, "Samvidha" by MBA Department.

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

- ✓ Provided in Annexure-III

7.4 Contribution to environmental awareness / protection

- ✓ Jana Vignana Vedika conducted conference to promote awareness.
- ✓ National Science Day-2016 celebrations with the theme of 'Make in India – S &T Driven Innovations.
- ✓ Harita Haaram Programme was organised in college by NSS and around 300 saplings were planted.
- ✓ Water harvest pits were dug.

7.5 Whether environmental audit was conducted?   Yes ☐   No √

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

- ✓ NCC unit for boys and girls impart training to students in the true spirit of NCC and Cadets winning accolades for the college.

- ✓ Educational tours organised for the students.

- ✓ Books authored and compiled by faculty members.

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

- ✓ To facilitate women empowerment cell and CASH to organise a women conference on the eve of International Women's Day.
- ✓ Encourage placement drives in the college.
- ✓ Encourage staff and students to attend Indian Science Congress in 2017 at Tirupati.
- ✓ Motivating educational tours and field work.
- ✓ To have self defence classes for girl students.

Name: Dr. A. Krishnam Raju   Name: Prof. Syed Rahman

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

Coordinator, IQAC   PRINCIPAL
Nizam College, O.U.   NIZAM COLLEGE
Hyderabad-500 001.   ***   (Autonomous)
                                                    HYDERABAD-500 001

_____***_____

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
NC	-	Nizam College

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<u>**Annexure-I**</u>

UG ALMANAC FOR THE ACADEMIC YEAR 2015-2016

1	Commencement of I,III&V Semester Classes	1st July 2015 (Wednesday)
2	Internal Assessment	21st to 23rd Sept. 2015
3	Short Vacation / Preparation Holidays	12th & 27th October 2015
4	Practical Examinations	28th Sep. to 9th Oct. 2015
5	Last day of Instruction for I, III & V Semesters	9th October 2015
6	Commencement of Exams (I, III&V Semester Regular & Backlog Vi semesters)	28th October 2015
7	Commencement of II, IV and VI Semester Classes	25th November'2015
8	Short Vacation	11th to 16th January 2016
9	Internal Assessment	16th to 18th February 2016
10	Last day of Instruction for II, IV & VI Semesters	7th March 2016
11	Practical Examinations	8th to 15th March 2016
12	Preparation Holidays	8th to 15th March 2015
13	Commencement of Exams II, IV&VI Semester Regular & Backlog I to VI semesters	16th to 20th March, 2016
14	Submission of project Work Report (Vi Semester)	29th February 2016
15	College Annual Day	March 2016

Annexure-II

1	2	3	4	5
Unsatisfactory	Satisfactory	Good	Very Good	Excellent

S No	Parameter	Paper-1	Paper-2	Paper-3	Paper-4	Lab course-1	Lab course-2	Lab course-3
1	Depth of Course contents	4.5	4.5	4.4	4.5	4	4	4.5
2	Recent advances in course are covered/not	4.3	4.4	4	4.5	4	4	3
3	Applicability or social relevance	3.5	3.5	4	4.2	3	3	3
4	Does the course instill creativity	3.8	4	4.5	4.3	3.8	4	4
5	Does the course address about human/social values, professional ethics	4.5	4	4.5	4	0	0	0

6	Laboratory infrastructure	4.3
7	Seminar- Books availability	4.5
8	Hygiene-Swach Bharat	3.5
9	ICT facilities	3.5
10	Faculty support	4.2

2015-16

- Depth of Course contents
- Recent advances in course are covered/not
- Applicability or social relevance
- Does the course instill creativity
- Does the course address about human/social values, professional ethics

2015-16
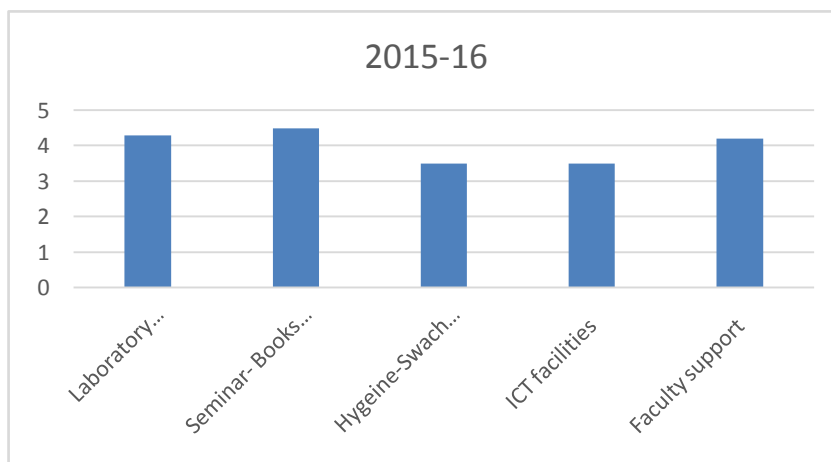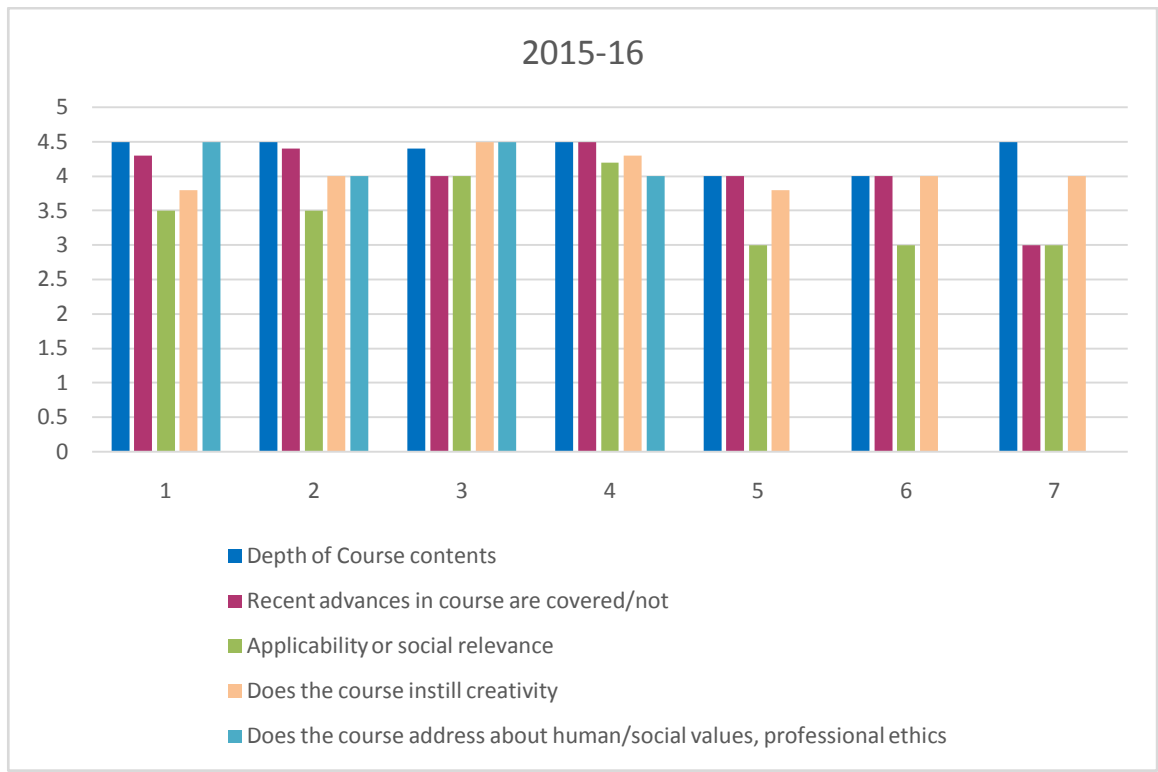
Annexure-III

Best practices of the Institution

Title: Fieldworks, interaction in the classroom, presentation, project work is encouraged for all round   academic development of students.

1. **Objective of the practice**

    ✓ The objective is to cultivate analytical and reasoning abilities of the students through project work, field work
    ✓ To develop scientific temperament
    ✓ To get the grasp of the subject in a practical way

2. **The Context**

    ✓ Keeping in mind the requirement of skilled work force and to reduce the gulf between classroom practices and market requirements. The challenges lay in making students aware of the need for such activities instead of theoretical project supervisors due to shortage of staff but then the faculty members went an extra mile and addressed and resolved the issue.

3. **The Practice**

    ✓ In an era of cut throat competition, redundant learning methodologies, hands on learning provides an edge to the students, this is the objective which is met through this practice.

4. **Evidence of success**

    ✓ The confidence of students has increased due to the practical component included in their learning. Students became more practice in giving inputs getting involved in the learning procedure this also reflected in placements of students

5. **Problems encountered and Resources required**

    ✓ The supervisors had to deal with issues related to sensitizing the students about issues such plagiarism, meeting deadlines and developing professionalism among the students, but with continuous mentoring by faculty members, it could be resolved

Title: Interdisciplinary courses have been initiated by the different departments

1. **Objective of the Practice**
   - ✓ The Objective of initiating inter-disciplinary courses is to provide exposure to students about courses in other streams.
   - ✓ To gain exposure about courses across the different facilities.

2. **The Context**
   - ✓ As the time dividing the subjects is building it makes more sense to offer courses which are inter-disciplinary in nature, So, there was an urgent need to provide courses which cater to these requirements.

3. **The Practice**
   - ✓ There were many inter-disciplinary courses being offered across the departments both at UG and PG level.
   - ✓ The interdisciplinary courses provided the platform for students to explore the possibilities of bringing two disciplines together.
   - ✓ The ID courses introduced at UG level were:
     - ➢ Space Physics
     - ➢ Basic Electronics
     - ➢ Computer Hardware and Networks
     - ➢ Basic Computer Science
     - ➢ Vermi culture
   - ✓ The courses introduced at PG level were:
     - ➢ Health and Hygiene
     - ➢ Spectroscopy & Analytical techniques
     - ➢ Nanoscience

4. **Evidence of Success**
   - ✓ There are many students who opted for this courses and it equipped the curiosity and interest of the students. This itself is the evidence that the courses are successful.

5. **Problems encountered and resources required**
   - ✓ The problems were technical in nature. Many students wanted to take up courses from different faculties but they were not eligible for it. For example basic knowledge of Physics is required for a student of Arts stream to opt for space Physics as an ID course. Nevertheless most of the courses are open to the students of all streams.