Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**NIZAM COLLEGE (AUTONOMOUS)**
Name of the head of the Institution	**Prof. L. B. Laxmikanth Rathod**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**040-23240807**
Mobile no.	**9246521145**
Registered Email	**iqaccellnizamcollege@gmail.com**
Alternate Email	**principal@nizamcollege.ac.in**
Address	**Basheerbagh**
City/Town	**Hyderabad**
State/UT	**Telangana**
Pincode	**500001**

2. Institutional Status

Autonomous Status (Provide date of Conformant of Autonomous Status)	01-Feb-1988
Type of Institution	Co-education
Location	Urban
Financial Status	Self financed and grant-in-aid
Name of the IQAC co-ordinator/Director	Dr. P. Hima Bindu
Phone no/Alternate Phone no.	04023240807
Mobile no.	9603120775
Registered Email	iqaccellnizamcollege@gmail.com
Alternate Email	iqac@nizamcollege.ac.in

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://nizamcollege.ac.in/AQAR/AQAR2017-18R.pdf

4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	http://nizamcollege.ac.in/almanac18-19ugpg.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
3	B++	2.92	2019	28-Mar-2019	27-Mar-2024

6. Date of Establishment of IQAC	25-Jun-2011

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Green Audit	31-Jan-2019 02	14

AAA	22-Feb-2019 06	30
No Files Uploaded !!!		

8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Institution	CPE	UGC	2014 1725	15000000
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	View File

10. Number of IQAC meetings held during the year :	**17**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**
Upload the minutes of meeting and action taken report	View File

11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**No**

12. Significant contributions made by IQAC during the current year(maximum five bullets)

Initiation of Start ups to the faculty and students Started Faculty club in the campus Started construction of hostel facility for girl students in campus itself Proposed the grant of seed money for projects Allocation of research grant for minor projects to the faculty members

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Improve the skills of girl students as a tool of self defence	Certificate course – Self Defence with 2 credits
On-campus coaching for students	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 (NonCreamy layer). • Introduction of Reasoning and Aptitude as Interdisciplinary paper
Hostel facility for girl students	Initiation of construction of new hostel building
The teaching staff attends Orientation and Refresher Course as part of Human Resource Development.	Teachers attended Refresher , Orientation and short term courses in the campus and HRDCs of OU and JNTU
To establish mentoring cell	Mentors regularly provide guidance to students in all aspects (Personal academic) • Remedial classes are held for the students requiring additional help • Guest Lectures have been arranged to students to motivate them to take up higher education and research
To enhance industryacademy interaction and involve eminent persons form the industry as resource persons, invite them for guest lectures, and arrange internship for students in industries.	MoUs
To achieve excellence in pure and applied research in different subjects and contribute to the development of the State and the Nation	Research engagement : seven major research projects worth one crore fifty five lakhs and four minor research projects worth twenty one lakhs
To develop an environment-friendly campus	Students and staff are actively involved in plantation program. Improved green cover will reduce carbon foot print
To build a network of alumni and friends to strengthen allegiance and support to the College.	Administration plans to officially register the Alumni Association, Merit scholarships to students
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Finance Committee	06-Aug-2020

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes
Date of Visit	15-Mar-2019

16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2019
Date of Submission	01-May-2019
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	We use DigitalEdu CIMS software. Our software platform, is cloudbased, modular, scalable robust. Online registration by students during admissions has helped us create an accessible student database. The system also helps save time and the whole process reduces paper usage. Kiosks are set up by the college to help the students in filling of these online forms. • ERP is also used for the following: • For generating merit lists • For admissions wherein the fee received (income) gets linked to our financial transactions • The database of students is used by the RFID based attendance system • The database is also used for library transactions and result processing etc. • Several authorities such as the Government and UOM call for information on student profile which can be easily retrieved from the said MIS. • RFID based attendance marking system is also used to monitor the students' attendance in the gymkhana and Library. This software helps us with various reports for decision making. Academic Results are processed using software. Library Automation is carried out using SLIM 21 software Financial Data of Transactions are maintained using Tally ERP software. All staff members share data using Google drive to contribute to documentation of various modules and save paper

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision

Integrated(PG)	529	Integrated M.Sc (Chemistry)	22/08/2018
[View File](#)			

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
No Data Entered/Not Applicable !!!				
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1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	NIL	Nill
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BA	Economics, Public Administration, Political Science (EPP)	18/06/2018
BA	History, Public Administration, Political Science (HPP)	18/06/2018
BA	History, Sociology, Geography (HSG)	18/06/2018
BA	Psychology, Sociology, Philosphy (PSP)	18/06/2018
BA	Psychology, Sociology, Marketing (PSM)	18/06/2018
BA	Sociology, Urdu, Persian (SUP)	18/06/2018
BA	Psychology, English Literature, Philosphy (PEP)	18/06/2018
BA	Psychology, English Literature, Marketing (PEM)	18/06/2018
BA	History, Hindi, Sanskrit (HHS)	18/06/2018
BA	History, Telugu Literature, Political Science (HTP)	18/06/2018
BA	Economics, Public Administration, Political Science (EPP)	18/06/2018

BCom	Regular	18/06/2018
BCom	e-commerce	18/06/2018
BSc	Mathematics, Physics, Chemistry (MPC)	18/06/2018
BSc	Mathematics, Physics, Electronics (MPE)	18/06/2018
BSc	Mathematics, Electronics, Comp. Science (MECs)	18/06/2018
BSc	Mathematics, Statistics, Comp. Science (MSCs)	18/06/2018
BSc	Mathematics, Comp. Hardware, Comp. Science (MChCs)	18/06/2018
BSc	Botany, Zoology, Chemistry (BZC)	18/06/2018
BSc	Microbiology, Genetics, Chemistry (MbGC)	18/06/2018
BSc	Biotechnology, Botany, Chemistry (BtBC)	18/06/2018
BSc	Biotechnology, Zoology, Chemistry (BtZC)	18/06/2018
BCA	Computer Application	29/08/2018
BBA	Business Administration	29/08/2018
MA	Public Administration	30/07/2018
MA	Economics	30/07/2018
MA	English	30/07/2018
MA	History	30/07/2018
MA	Political Science	30/07/2018
MA	Theatre Arts	30/07/2018
MA	Sociology	30/07/2018
MA	Telugu	30/07/2018
MCom	Commerce	30/07/2018
MSc	Electronics & Communications	30/07/2018
MSc	Bio Physics	30/07/2018
MSc	Organic Chemistry	30/07/2018
MSc	Inorganic Chemistry	30/07/2018
MSc	Physical Chemistry	30/07/2018
MSc	Pharmaco Informatics	30/07/2018
MSc	Comparative Animal Physiology	30/07/2018
MSc	Entomology	30/07/2018

MSc	Integrated Course in Chemistry	30/07/2018
MSc	Information System	30/07/2018
MCA	Computer Application	14/08/2018
MBA	HR	24/09/2018
MBA	Finance	24/09/2018
MBA	Marketing	24/09/2018

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Human Values Ethics (B.A., B.Com.)	01/07/2018	441
Environmental Science (B.Sc., B.B.A.)	01/07/2018	311
Human Values Ethics (B.Sc., B.B.A.)	27/11/2018	300
Environmental Science (B.A., B.Com.)	27/11/2018	421
Multi Disciplinary Skills	06/06/2018	781
Inter Disciplinary Activity Course	27/11/2018	772
Language Pool	06/06/2018	779
Reasoning and Aptitude	27/11/2018	769
	[View File](#)	

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BBA	BBA	34
BSc	Botany	18
BSc	Genetics	30
BA	History	106
BCA	Informatics	10
MCA	Informatics	13
MSc	Informatics	10
MBA	Finance	32
BA	Marketing	65
BA	Sociology Field Projects	82
	[View File](#)	

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

Feedback of Students The College is committed to make continuous efforts by adopting curriculum relevant to local, national and global needs. It ensures that students are well equipped with overall development to become global citizens. The college has also introduced student evaluation of each course and teacher. A questionnaire is given to the student at the end of the academic year and feedback is collated and recorded. Based on these observations, relevant discussions are held with the teacher's concerned in order to implement suggestion given by students and enhance the quality of teaching-learning. Action taken on Teachers with Students Feedback Based on the students feedback teacher have improved their skills and knowledge to generate interest among the students. Mentoring system was strengthened and remedial classes were increased. As per the feedback given by students on teachers regarding teachers punctuality authorities extended their support by talking to the respective faculty members and a continuous monitoring process was implemented for which Vice-Principal was made in charge. Action taken on Teachers feedback Action taken on Teacher's feedback The major concern from the teacher's feedback for the year 2018-19 was on applicability or social relevance, human/social values, professional ethics of courses and hygiene. Syllabus has been revised and also other important facilities like laboratory infrastructure, seminar books availability, ICT facilities have been improved as per suggestions of the suggestions of teachers in the respective departments and college campus. College administration has taken efforts to maintain hygienic conditions in college campus and hostel. Quality in the laboratories was maintained and improved. Various departments by conducting board of studies meetings modified the content of courses to suit the needs of human/social values and professional ethics. As one of the best practices Energy Conservation Club was inaugurated on 24-10-2018. Feedback of Alumni Feedback from Alumni is an important source for all the reform activities taken up by the college. Feedback was collected from the Alumni personally. Feedback on curriculum, teaching learning process, interpersonal relationships with teachers and administrative staff, developmental activities organized by the college and their contribution for overall development of the college. Action Taken with alumni feedback: Most of the Alumni expressed satisfaction that the course content offered was appropriate for their profession and they received adequate training both in theory and practicals. They expressed satisfaction that they had very cordial interpersonal relationships with all the staff of the college both teaching and non-teaching. Most of them agreed to contribute to the overall development of the college. College administration have decided to involve alumni in most of the activities organized by the college. Feedback of Parents Parent's feedback was collected in the form of questionnaire. Their feedback is most essential for improve the quality parameters of the college. Action Taken with parents feedback: They had complaints on the ambience and hostel facilities. These were addressed by the administration and facilities were improved. As per the feedback given by parents on career orientation the placement cell made efforts to improve the placements of the students. Programs

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BA	Social Sciences	365	354	354
BSc	Physical Sciences	180	180	180
BSc	Biological Sciences	120	120	112
BCom	Regular & E.Com	120	120	113
BBA	BBA	60	60	32
BCA	BCA	120	120	104
MA	English	36	36	36
MA	Telugu	40	40	39
MSc	Chemistry	88	83	83
MSc	Physics	44	44	44

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	2613	1188	30	16	82

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
223	128	28	26	1	8

View File of ICT Tools and resources

View File of E-resources and techniques used

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Since its inception, the mentoring cell has been actively involved in mentoring, guiding and counselling the students. The cell provides platform to address grievances of the students, counsel them in hours of need, give the students advice and suggestions regarding their personal, academic and career problems. The mentors reach out to the students not just in the confines of the classrooms but also during the critical stages of student's academic and career development. The members believe that close, consistent, and enduring mentoring relationships are likely to have positive benefits. As the members of the cell have been discretely culled from various departments, each representing a different block, it had become easier for the members to be in touch

with the students and provide help to them whenever necessary. As most of the students are away from their families and come from rural backgrounds to stay in hostels they feel home sick in the initial stages. They initially don't open up and approach the members of the mentoring cell. The members as well as all the teachers are very accessible and approachable. By maintaining a positive rapport with the students the teachers assess the students' problems by way of academic, personal or any other problems. They counsel and give them the right direction. At times the students themselves approach the teachers and seek help and guidance. Each academic year the members of mentoring cell are appointed at the beginning of the academic year and their names are published in the website for the benefit of the students. Various activities and measures are taken to improve their overall development and growth experience. Sessions to enhance goal formation in the students are conducted highlighting career development aspects, soft skills, interview skills and personality development skills. Students are encouraged to take up Role plays, Case study analysis, Business models, and Simulation techniques. Mentor are always F – Faithfull A – Available T – Teachable The objectives of the cell are: • To address the grievances of the students • To help them in navigating their careers • To counsel and guide them if they have any personal problems • To identify slow learners and encourage them to attend remedial classes • To build confidence and prepare them for their future career in terms of academic skills and life skills.: • To organize induction and orientation programmes at the beginning of the academic year • Soft Skills workshop organised by IQAC • Self defence classes for girl students through Women Empowerment Cell? • Encouraging live projects by students • Imparting social responsibility among students through NCC and NSS activities • Analysing of the results and identifying slow learners • Encouraging ICT activities for staff and students

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
3801	128	1:30

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
95	Nill	50	Nill	98

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr. Sambashiva Daravath	Assistant Professor	Young Scientist Award from SOMA(Society of Medical Arthropodology)
2018	Dr. Sreedevi Anumula	Assistant Professor	Awarded " Poet of Prowess" held at Poetry Conference, Hyderabad
2018	Dr.P. Hima Bindu	IQAC / CIQA coordinator	Professor of the year-Nuclear Physics, Ideal Teaching awards programme
2018	Dr.P. Hima Bindu	IQAC / CIQA coordinator	Yuva sangharsh Contribution
2018	Dr. P. Muralidhar Redy	Assistant Professor	Professor of the year-Chemistry, Ideal Teaching awards programme

2019	Prof. L.B. Laxmikanth Rathod	Principal	Bharat Ratna Mother Teressa Gold Medal Award
2019	Prof. L.B. Laxmikanth Rathod	Principal	Best Paper Award
2018	Prof. L.B. Laxmikanth Rathod	Principal	IFPEFSSA award
2019	Dr. Y. Kalyana Lakshmi	Assistant Professor	Associate Fellow of Telangana Academy of Sciences
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BA	151, 153,161,165, 166,169,171, 174,175,176, 177	6/3	04/05/2019	29/05/2019
BCom	141,143	6/3	04/05/2019	29/05/2019
BSc	101, 103, 104,105,106, 121, 124, 125, 127	6/3	04/05/2019	29/05/2019
BBA	178	6/3	04/05/2019	29/05/2019
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2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
Nill	2262	0

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

http://www.nizamcollege.ac.in/programme-outcomes.html

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
141	BCom	Regular	54	44	81.48
127	BSc	BtZC	25	19	76

125	BSc	BtBC	27	25	9048
124	BSc	MGC	37	23	62.16
121	BSc	BZC	17	17	100
106	BSc	MChCs	70	36	51.43
105	BSc	MSCs	28	23	82.14
104	BSc	MECs	35	25	71.43
103	BSc	MPE	28	24	85.71
101	BSc	MPC	25	18	72

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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://docs.google.com/forms/d/1LmIrXwcc2O4ul3EKmRdaiiOFUGTKSOEAtmxhyxOYQ-Q/viewanalytics

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

No

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3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
International	Dr. P. Hima Bindu	Post Doctoral Academic researcher at University of surrey	14/08/2018	University of Surrey

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3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Major Projects	10825	DRDO	56	5.28
Minor Projects	730	UGC	6	6
Minor Projects	730	UGC	2.4	1.75
Minor Projects	730	UGC	6	6
Interdisciplinary Projects	365	DST	13	13

Interdisciplinary Projects	730	UGC	6	6
Major Projects	1095	DST	13.2	13.2
Major Projects	730	DBT	6	6

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3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

11

3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Entomology Public Health	Zoology	21/08/2018

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3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
Education Excellence	Nizam College	Berkshire Media LLC, USA	08/05/2019	Best Arts Science College

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3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NA	NA	NIL	NA	Nill

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3.4 – Research Publications and Awards

3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Economics	6
MBA	1
English	2
Chemistry	1

3.4.2 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Chemistry	24	2.5
International	Physics	19	1.5
International	Microbiology	1	1
International	Mathematics	1	1

3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Microbiology	7
Botany	2
Commerce	1
Economics	2
Geography	2
Hindi	1
Chemistry	4
Public Admin	3
Sociology	3
Physics	1

3.4.4 – Patents published/awarded during the year

Patent Details	Patent status	Patent Number	Date of Award
NIL	Nill	0	Nill

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3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Experimental and theoretical investigations on the EPR parameters and molecular orbital bonding coefficients of VO2 ions in BTTB glasses	Srinivas, B Hameed, Abdul Vijaya Kumar, R Narasimha Chary, M S hareefuddin, Md	Philosophical Magazine	2018	5	Nizam College Osmania University	5
Synthesis, characterization, conductivity, magnetic and magnet	Markandeya, Y Reddy, Y Suresh Bale, Shashidhar Bhikshamai	Journal of Materials Science: Materials in Electronics	2018	5	Nizam College Osmania University	5

oresistance studies of Sr 2 Fe – x In x MoO 6 (x 0.0 and 0.2) double perovskite	ah, G					
Effect of La3 and Pr3 co-doping on structural, thermal and electrical properties of ceria ceramics as solid e lectrolyte s for IT-SOFC appli cations	Madhuri, Chittimadu la Venkata ramana, Kasarapu Nurhayati, Alwiyah Reddy, C V ishnuvardh an	Current Applied Physics	2018	16	Nizam College osmania University	16
Structur al, electrical and thermal studies on microwave sintered Dy and Pr co-doped ceria ceramics as electro lytes for intermedia te tempera ture solid oxide fuel cells	Madhusud an, Ch Ven kataramana , Kasarapu Madhuri, C hittimadul a Reddy, C Vishnuvard han	Journal of Materials Science: Materials in Electro nics	2018	5	Nizam College Osmania university	5
Molecular dynamics and MM/GBS A-integrat ed protocol probing the correl ation between biological activities	Peddi, Saikiran Reddy Sivan, Sree Kanth Manga, Vijjulatha	Journal of Biomole cular Structure and Dynamics	2018	11	Nizam college osmania university	11

and binding free energies of HIV-1 TAR RNA inhibitors						
Structural insights of Staphylococcus aureus FtsZ inhibitors through molecular docking, 3D-QSAR and molecular dynamics simulations	Ballu, Srilata Itteboina, Ramesh Sivan, Sree Kanth Manga, Vijjulatha	Journal of Receptors and Signal Transduction	2018	12	Nizam College Osmania University	12
Synthesis, spectral characterization, antimicrobial, DNA interactions and molecular modeling studies of metal complexes of 1, 3-benzothiazole carbohydrazone	Sudeepa, Kunche Narsimha, Nagula Aparna, Boinala Sreekanth, Sivan Aparna, AV Ravi, Mudavath Mohmed, Jaheer Devi, Ch Sarala	Journal of Chemical Sciences	2018	8	Nizam College Osmania university	8
Photodegradation of organic dyes and industrial wastewater in the presence of layer-type perovskite materials under visible light irradiation	Gade, Ramesh Ahemed, Jakeer Yanapu, Kalyana Lakshmi Abate, Seid Yimer Tao, Yu-Tai Pola, Someshwar	Journal of environmental chemical engineering	2018	9	Nizam College Osmania University	9

| Compact TiO 2 films with sandwiched Ag nanoparticles as electron-collecting layer in planar type perovskite solar cells: improvement in efficiency and stability | Abate, Seid Yimer Wu, Wen-Ti Pola, Someshwar Tao, Yu-Tai | RSC advances | 2018 | 6 | Nizam College Osmania Unviersity | 6 |
| Facile One Pot Multi-Component Solvent-Free Synthesis of 2, 4, 5 -Trisubstituted Imidazoles Using "Green" and Expeditious Ionic Liquid Catalyst under Microwave Irradiation | Sonyanaik, B Ashok, K Rambabu, S Ravi, D Kurumanna, A Madhu, P Sakram, B | Russian Journal of General Chemistry | 2018 | 3 | Nizam College Osmania university | 3 |

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3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Synthesis, characterization, conductivity, magnetic and magnetoresistance studies	Markandeya, Y Reddy, Y Suresh Bale, Shashidhar Bhikshamaiah, G	Journal of Materials Science: Materials in Electronics	2018	6	5	Nizam College Osmania University

of Sr 2 Fe – x In x MoO 6 (x 0.0 and 0.2) double perovskite						
Structural, electrical and thermal studies on microwave sintered Dy and Pr co-doped ceria ceramics as electrolytes for intermediate temperature solid oxide fuel cells	Madhusudan, Ch Venkataramana, Kasarapu Madhuri, Chittimadula Reddy, C Vishnuvardhan	Journal of Materials Science: Materials in Electronics	2018	6	5	Nizam College Osmania university
Synthesis, spectral characterization, antimicrobial, DNA interactions and molecular modeling studies of metal complexes of 1, 3-benzothiazole carbohydrazone	Sudeepa, Kunche Narsimha, Nagula Aparna, Boinala Sreekanth, Sivan Aparna, AV Ravi, Mudavath Mohmed, Jaheer Devi, Ch Sarala	Journal of Chemical Sciences	2018	6	8	Nizam College Omania University
Molecular dynamics and MM/GBSA-integrated protocol probing the correlation between biological activities	Peddi, Saikiran Reddy Sivan, Sree Kanth Manga, Vijjulatha	ournal of Biomolecular Structure and Dynamics	2018	6	11	Nizam COllege Osmania University

and binding free energies of HIV-1 TAR RNA inhibitors						
Experimental and theoretical investigations on the EPR parameters and molecular orbital bonding coefficients of VO2 ions in BTTB glasses	Srinivas, B Hameed, Abdul Vijaya Kumar, R Narasimha Chary, M S hareefuddin, Md	Philosophical Magazine	2018	6	5	Nizam College Osmania university
Structural insights of Staphylococcus aureus FtsZ inhibitors through molecular docking, 3D-QSAR and molecular dynamics simulations	Ballu, Srilata Itteboina, Ramesh Sivan, Sree Kanth Manga, Vijjulatha	Journal of Receptors and Signal Transduction	2018	6	12	Osmania University
Photodegradation of organic dyes and industrial wastewater in the presence of layer-type perovskite materials under visible light irradiation	Gade, Ramesh Ahemed, Jakeer Yanapu, Kalyana Lakshmi Abate, Seid Yimer Tao, Yu-Tai Pola, Someshwar	Journal of environmental chemical engineering	2018	6	9	Nizam College Osmania University
Effect	Madhuri,	Current	2018	6	16	Nizam

of La3 and Pr3 co-doping on structural, thermal and electrical properties of ceria ceramics as solid electrolytes for IT-SOFC applications	Chittimadula Venkataramana, Kasarapu Nurhayati, Alwiyah Reddy, C Vishnuvardhan	Applied Physics				College Osmania University
Compact TiO 2 films with sandwiched Ag nanoparticles as electron-collecting layer in planar type perovskite solar cells: improvement in efficiency and stability	Abate, Seid Yimer Wu, Wen-Ti Pola, Someshwar Tao, Yu-Tai	RSC advances	2018	6	6	Nizam College Osmania University
Facile One Pot Multi-Component Solvent-Free Synthesis of 2, 4, 5 -Trisubstituted Imidazoles Using â€œGreenâ€• and Expeditious Ionic Liquid Catalyst under Microwave Irradiation	Sonyanaik, B Ashok, K Rambabu, S Ravi, D Kurumanna, A Madhu, P Sakram, B	Russian Journal of General Chemistry	2018	6	3	Osmania university

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3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	25	35	Nill	10
Presented papers	13	22	Nill	4
Resource persons	1	11	Nill	11
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
NA	NA	NA	0
No file uploaded.			

3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
NIL	NA	NA	0	0
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3.6 – Extension Activities

3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Plantation programme	Biodiversity Club	2	26
Trainers In English Lang. In Tswreis	IGNITORS Camp- 2019-Ts W- Summer Samurai	1	6
Awareness Programme on Energy Conservation Club, 30-10-2018	Energy Conservation Club	8	32
Energy Conservation rally, 16-12-2018	Energy Conservation Club	8	200
National Energy Conservation Week celebrations, 17-12-2018	Energy Conservation Club	8	150
"E-Mobility: The Future" 20-10-2018	Energy Conservation Club	8	100
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3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
IGNITORS	Certificate stipend 8000	TSWRIES TTWRIES	4

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3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Non-government organization (Ignitors)	Sri Tapovann Educational Society	Career Guidance /Personality Development	1	2

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3.7 – Collaborations

3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Characterization of materials	Dr. B. Vijaya Kumar	DST	60

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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Research projects	Supervising the student projects	Anwar uloom college, Hyderabd	04/02/2019	30/04/2019	6
Projects	Student Projects	St. Francis College for Women Begumpet, Hyderabad	01/06/2018	30/11/2018	28
Lab visit	Student visit	Mesco Grades High School	14/08/2018	14/08/2018	90
Guest LEcture	Faculty extension activity	Govt. Degree college for women,	28/01/2019	28/01/2019	30

Sharing of research facility	Characteri zation of materials	University of Hyderabad	28/08/2018	27/08/2019	04
		Begumpet			

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3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
Mesco Grades	12/07/2018	To perform Physics Experiments	44
Pingle Government College for Women	20/04/2018	Exchange of faculty and staff for research	7
Kaohsiung Medical University, Taiwan	12/02/2019	Student exchange and study program	4
The University of Texas	22/02/2019	To carry joint research	3

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
2400000	2367848

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Newly Added
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added

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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
NEWGENLIB software	Fully	4.2.0	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	146143	3644257	409	56035	146552	3700292

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 4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NIL	**NIL**	**NIL**	**Nill**

No file uploaded.

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	326	8	326	1	0	8	32	35	0
Added	0	0	0	0	0	8	0	0	0
Total	326	8	326	1	0	16	32	35	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

35 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NIL	**Nill**

4.4 – Maintenance of Campus Infrastructure

 4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
11500000	**11360326.5**	**6865000**	**6858778**

 4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

The institution has laid down policies and procedures which are implemented as protocols for taking important organizational decisions, alternative mechanisms, programs for the smooth functioning of administration. The institution is particular about maintaining academic quality and maintenance of the infrastructure. Courses are regularly modified to match the needs of the society, industry and market. To maintain cleanliness in the college several house-keeping staff take care of sweeping entire college every day. There are two dedicated care takers in the college to look after all the maintenance

activities of the college and whenever required buildings and furniture are repaired. Infrastructure maintenance budget is allocated every year to carry out maintenance related work. Academics: The college has six faculties that includes Faculty of Arts, Social Sciences, Commerce, Science, Business Management and Informatics comprising 33 departments. Each department is taken care by the respective In-charge Heads of the Department concerned. Governing Body is the highest decision making body of the College. It decides matters such as the functioning of the college, and academic programmes. It also ratifies policy matters and the constitution of various Boards of Studies. It also nominates members of the Finance Committee of the college. Academic Council is the body which reviews the academic performance and progress of the college. It meets regularly to ratify the changes in syllabus and other such matters. From the time Nizam College had academic autonomy, all the departments have Boards of Studies duly constituted members both internal and external. Infrastructure: Classrooms: All the classrooms are well lit, ventilated, furnished for the smooth and optimal conduct of classes. Regularly fans, tube lights, tables, chairs and boards are repaired and updated. There is a full time electrician available at the college working hours who renders his service immediately in case of any electrical problem faced by any department. Labs: Laboratories are cleaned everyday by the in-house staff of the college. Equipment is regularly serviced to avoid any sort of damage. Parts of the instruments are replaced as and when required. Repairing of various equipment, scientific instruments, devices, printers and computers undertaken to keep them in good working conditions. Computers labs are equipped with UPS inverters and Air Conditioners that are also subject to regular maintenance and sometimes further servicing and repairing. Library: It is the knowledge dissemination centre so it is maintained in an efficient manner. Library racks, almaras, furniture (tables, chairs and computer tables), computers, periodical racks, notice boards are regularly checked and repaired as and when required. Vacuum cleaner is used to clean the books and maintain them in a neat and tidy condition. Sports Complex: It includes gymnasium and other indoor gaming facilities. To up keep the equipment in the gym, regular maintenance is done to ensure the availability of all items every time. Computer Labs: For maintaining the good performance of computers, licensed antivirus software is installed in every computer.

https://www.nizamcollege.ac.in/instpolicy.html

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Reader Charges for Blind students	16	36000
Financial Support from Other Sources			
a) National	Telangana Higher Education Scholarship, Reimbursement of. Tuition Fee, Alumni scholarship	307	3476480
b)International	N/A	Nill	0
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Career Guidance	20/07/2019	25	Telangana Academy for Skill and Knowledge, Telangana, Hyderabad
Vignan 2k18 and career guidance program	21/12/2019	83	Nizam College
Workshop on personality development, communication excellence, career opportunities	15/02/2019	174	Nizam College
SOFT SKILL DEVELOPMENT - Skill Enhancement	20/07/2018	28	Telangana Academy for Skill and Knowledge, Telangana, Hyderabad
REMEDIAL COACHING	06/09/2018	180	Nizam College
PERSONAL COUNSELLING	03/10/2018	32	Counselling Center, Nizam College
YOGA AND MEDITATION	04/09/2018	65	Yoga Centre and NSS, Nizam College
Business English	01/08/2018	35	English Language Teaching Centre, Nizam College
LANGUAGE LAB-A course in English Language Skills	05/02/2019	9	English Language Teaching Centre, Nizam College
LANGUAGE LAB- A course in Spoken and Written Communication	09/09/2018	9	English Language Teaching Centre, Nizam College
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	13th Plan	150	90	25	25
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
2	2	8

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
MRF TYRES, Innovare, MNR, Sree Chaitanya Techno School, iBiosciences	371	91	TCS	5	1

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	1	B.Sc. BZC	Biological Science	Osmania University	M.Sc. Chemistry
2019	1	B.Sc. BZC	Biological Science	University of Hyderabad	M. A. Public Health
2019	3	B.Sc.	Biological Science	Osmania University	MSc Microbiology
2019	4	B.Sc	Physical Science and Biologoical Sciences	Osmania University	MBA
2019	2	B.Sc. BZC	Biological Science	University of Hyderabad	MBA
2019	1	B.Sc. Bt.B.C	Biological Science	University of Hyderabad	MSc Molecular Microbiology
2019	1	B.Sc. MChCs	Physical Science	Osmania University	M.Sc. Computer Science
2019	1	B.Sc. BtZC	Biological Science	University of Hyderabad	MSc Biotechnology
2019	1	B.Sc. BtZC	Biological Science	JNTU Hyderabad	MSc Biotechnology
2019	1	B.Sc. BtBC	Biological		MSc Bioinf

	Science	Pondicherry University	ormatics

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
SET	2
Any Other	2
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Intramural Competitions (Men)- Games	Institution	816
Intramural Competitions (Men)- Athletics	Institution	161
Intramural Competitions (Women)- Games	Institution	181
Intramural Competitions (Women)- Athletics	Institution	60
Inter College Athletics Championship (Men and women)	Inter College	35
International Workshop on physical education and sports science	International	77
International Youth Day celebrations	Institution	104
Yuva Sangarsh 2k19	Institution	46
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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Silver	National	1	Nill	17105331	Raghav Srivastava
2019	Silver	National	1	Nill	171662104	Sita Mahalaxmi
2019	Silver	National	1	Nill	181712309	G. Vennela
2019	Bronze	National	1	Nill	181411361	Krishna
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of

the institution (maximum 500 words)

Student councils representation: Hostels:-Mess Committees are formed with the final and second year boarders in the UG Hostel. Applications for the Mess Committee are notified .interested Boarders from BA, B.Com and B.Sc. will fill in the forms. A meeting is arranged after the deadline of receiving the applications is over. Every member has to be nominated by ten other boarders. Rules, guidelines of the Mess are shared with them. This committee monitors the hostel administration. They drop in their suggestions for the better administration of the Hostel. Same procedure is followed for the PG Hostels of the College. Placement Cell:- Student Coordinators are appointed from BA, B.Com and B.Sc. and PG final and second Student councils representation: Hostels:-Mess Committees are formed with the final and second year boarders in the UG Hostel. Applications for the Mess Committee are notified .interested Boarders from BA, B.Com and B.Sc. will fill in the forms. A meeting is arranged after the deadline of receiving the applications is over. Every member has to be nominated by ten other boarders. Rules, guidelines of the Mess are shared with them. This committee monitors the hostel administration. They drop in their suggestions for the better administration of the Hostel. Same procedure is followed for the PG Hostels of the College. Placement Cell:- Student Coordinators are appointed from BA, B.Com and B.Sc. and PG final and second year students. They will coordinate all the programs of the Cell. Equal Opportunity Cell:- Student Coordinators are appointed from BA, B.Com and B.Sc. and MA ,MSc, MBA, MCA final and second year students. They will coordinate all the programs of the Cell. Board of Studies:- Students are appointed as members representing student community in the Board of Studies of each Department. They attend the meetings and share their feedback and suggestions about the syllabus and the teaching. Department of Physical Education:-Students from various sports not only participate in the college competitions but also assist the Referees in conducting the events smoothly and sportively. Quiz programs:- Students are given the job of Timer, scorer, organizers to monitor the participants and audience. Department of Botany:- Students maintain and monitor the Herbarium. Literary circle: - Students organize these literary circle events by involving the concerned teachers. Poetry and creative writings are taken up in this group. Alumni :- A batch of 2000 BSc Alumni distributes Merit Scholarships on the Republic Day. Swach Nizam:- volunteers of three wings of NSS (Two boys wings and one girls wing) ,cadets of NCC, volunteers of Bio Diversity Club and other students actively participates in Swach Nizam programs. Cleanliness of classrooms, laboratories, lawns, hostels, student lounge's and college campus is maintained regularly under this program. Library committees:-Students committees are formed subject wise to revise the and place the orders for the new Books database, magazines etc.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

0

5.4.3 – Alumni contribution during the year (in Rupees) :

40000

5.4.4 – Meetings/activities organized by Alumni Association :

NIL

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The Institution believes in decentralization practices and participative management at various levels and continues with the same practices. College has a vision and mission which are futuristic in nature. Based on the Vision and Mission of the Institution, Quality Policies are framed and driven by the needs of the today's corporate world, society and stakeholders. The governance comprising of various committees such as Governing Body (GB), Internal Complaint Cell (ICC), Women Empowerment Cell (WEC) and Internal Quality Assurance Cell (IQAC) plays a significant role in positioning the Institute in the preferred list of all stake holders. The college strongly believes in promoting a culture of delegation of powers through various strategies and policies. The Principal of the College is assisted by Heads of the Departments, Administrative Head, Section in-charges and coordinators of various cells/committees in decision making process of the Institute. Faculty and staff are assigned with the roles and responsibility to work in a harmonious environment with a complete transparency. IQAC has a well-developed process to ensure quality benchmarks of academic and administrative activities. Fair representation of women faculty is also ensured at all levels of organization and congenial environment is fostered. Institute has a perspective plan developed by Principal, HoD's and all the teaching staff with the suggestions of IQAC. Deployment of the quality policy is done by providing requisite academic infrastructure, learning environment and harmonious work culture. Student's surveys and feedback from all the stakeholders play a vital role in framing and revising policies. Internal Quality Assurance cell (IQAC) formulates perspective plan taking into consideration the inputs from all the stake holders. This plan is presented and deliberated under the chairmanship of Principal to get consensus. This plan is forwarded to the governing body for approval. The Institution believes in involvement of all the staff in decision making and implementing the decentralized decision policy. To streamline the same, various committees at Institute level are formed which look after academic and administrative activities that lead to the realisation of vision and mission of the Institute.

6.1.2 – Does the institution have a Management Information System (MIS)?

Partial

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	Admission of Students: Students seeking admission into the graduate programs need to go through the online process of admission that is under the aegis of the State Government Degree Online Services, Telangana (DOST). This is an online process.
Industry Interaction / Collaboration	Industry Interaction/Collaboration: • Regular field trips are organized • Placement officer interacts efficiently with the corporate sector • Faculty is advisory board members in external

	agencies. • Faculty are consultants • New collaborations and MOUs obtained • Industry experienced persons are invited for invited/guest lectures at departmental levels. • Resource persons from Industry invited as speakers at counseling and career guidance. • Feedback from employers
Human Resource Management	Human Resource Management: The introduction of Multi-disciplinary and inter-disciplinary courses has made it conducive for effective management of the Human Resources available at the College. Teachers from across Departments and streams are engaged in teaching subjects like: Reasoning, Human Values, Ethics, Basic Computer skills etc which are opted by students other than their departments. • Regular meetings with teaching, non teaching and auxiliary staff help in the smooth conduct of the variety of activities. Nizam College being in the centre of the city, is a hub and a host of academic and co-curricular and extra-curricular activities. The timely help extended by the staff of the College for all the events shows the ability of the Administration in having management strategies and good interpersonal relationships. • The College premises is used as a Counselling centre for Competitive exams like EAMCET,NEET,PGCET etc. • The Administration believes in total decentralization, and after the formal approval to the initiatives/programs taken up by the Departments, it empowers the department to complete the program with least interference. • The Placement officer works in liaison with the industries, and academic coordinator and respective departments in ensuring optimum benefit to students by way of placements. • All administrative and academic committees meet periodically for reviews, further development and planning.
Library, ICT and Physical Infrastructure / Instrumentation	Library, ICT and Physical Infrastructure/Instrumentation: • The automation of Library is done with the 'Newgenlib Software' • As per the suggested reading from the Departments, Books and periodicals are added to the digital database • Improved audio visual facilities at the Auditorium in Centenary Block. • Establishment of a

	fully furnished and equipped E Class room
Curriculum Development	Curriculum Development: As an autonomous Institution, Nizam College has the freedom to design and prepare the curriculum. Some of the points mentioned below throw light on the steps taken by the College to fortify this vital area- Curriculum Development and improvement. • Board of Studies meetings are conducted from time to time to discuss and review curriculum for each program as per the latest developments and industry needs. • Suggestions given by the Board members are discussed and implemented after approval by the higher bodies, and in accordance with the Policies of Education like the Common Core Syllabus. • Several faculty members from Our college are members of the Board of Studies - UG and PG of the Osmania University. Their experience and expertise in framing the syllabus helps in strengthening this Core area. • A host of Academic activities such as projects, class room seminars, subject quizzes, group discussions and assignments are included, paper reading contests, field trips, workshops etc. enrich the teaching-learning process. • Feedback is taken at the end of every course
Teaching and Learning	Teaching and Learning: Faculty with their vast experience and research knowledge bring in their expertise to the classroom to make it rich and vibrant. Their dynamism in the classroom and laboratory is enlivened with the use of ICT technologies and other Audio-visual aids. The learning is ensured with continuous assessment, such as slip tests, quiz and mid-term exams. Project based curriculum help the students to engage and improve their critical thinking and analytical faculties. Seminar presentations and group work build their confidence and team-work.
Examination and Evaluation	Examination and Evaluation: The Controller of Exams along with the Academic Coordinator, Heads of the Departments, Vice-Principal and Principal take crucial decisions regarding the Academic Schedule, Examination Schedule, the necessary changes to be brought in the

	examination scheme, conduct. During term exams, strict vigilance is maintained by way of internal and external squads. A panel of examiners from outside the College, set the End Semester Question Paper and teachers from outside the College evaluate the papers at the Spot Valuation Centre at the College. This ensures both the academic seriousness on the part of the students, and also helps in ensuring the declaration of results at a record breaking time of 10 days after the completion of the Exams is an achievement of the College. Students are also given the chance to apply for recounting and revaluation thus giving a fair chance to the students.
Research and Development	Research and Development: A number of our faculty are active on the circuit of research as it is evident in the number of patents filed and obtained The number of papers published, presented and the professional courses attended by them augur for their continued interest in research and participation to keep themselves abreast of the rapid changes and add to their existing knowledge.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Student Admission and Support	Students seeking admission into the graduate programs need to go through the online process of admission that is under the aegis of the State Government Degree Online Services, Telangana (DOST). This is an online process. Hostel accommodation and mess allotments are performed online
Examination	All the examinations fee payments, registrations, marks entry for internals, externals and practicals, results analysis and declaration is done online for all the programmes offered in the institution
Finance and Accounts	Students scholarships, remunerations for faculty, salaries of all the employees are remitted online.
Planning and Development	Placement, academic and administrative activities, announcements, notifications, awards, contributions are planned by the respective committees and made available on the institutional website

Administration	WhatsApp groups (students and teachers) for the college committees, email circulars and web notifications.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Dr. Y. Kalyana Lakshmi	N/A	Instrument Society of India (ISOI)	3000
2019	Dr. G. Upender	N/A	Instrument Society of India (ISOI)	3000
2019	Dr. M. Sreenath Reddy	N/A	Instrument Society of India (ISOI)	3000
2019	Dr. Kaleem Ahmed Jaleeli	N/A	Instrument Society of India (ISOI)	3000
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6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Faculty Development programme	Workshop on Professional communication	01/09/2018	01/09/2018	35	25
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
GRADnet Winter School, United Kingdom	1	18/02/2019	20/02/2019	3
Refresher course(Botany)	1	29/10/2018	20/11/2018	21
UGC Sponsored Short Term	1	30/07/2018	04/08/2018	6

Course JNTU, Hyderabad(Chemistry)				
Short Term Course(Economics)	1	31/10/2018	06/11/2018	6
Short Term Course(Economics)	1	12/11/2018	17/11/2018	6
RC in English MANUU (English)	1	04/09/2018	25/09/2018	21
One Week Workshop pr JNTU. (English)	1	11/12/2018	16/12/2018	6
UGC-HRDC(Refresher course Physics)	3	19/12/2018	11/01/2019	21
UGC-Short term course on Yoga and spiritual Science (Public Admin.)	1	02/07/2018	07/07/2018	6
Refresher Course at HRDC, OU on Soft Skills for Professional Excellence (English)	1	24/01/2019	14/02/2019	21

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nill	Nill	Nill	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Special health checkups for women staff, Health-Centre, Fitness Centre, Yoga Centre, Medicinal plants supply	Special health checkups for women staff, Health-Centre, Festival advance, Fitness Centre, Yoga Centre, Medicinal plants supply	Various training and coaching programmes, Sponsorship for sports trips, Health-Centre, Fitness Centre, Insurance, Reader charges (for visually challenged)

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The College conducts internal and external financial audits periodically to ensure transparency. Audit will be conducted at the end of each financial year. College receives grants under various plans. For instance, the College receives CPE Grant, Sports Grant, annual autonomous grant, OU block grants, Scholarship grants and hostel funds. Finances are audited through internal financial audit

which comprises of the head of the institution, team of administrative staff. Internal Audit: Governing body appoints finance committee members. The Finance Committee allocates budget for all administrative and academic activities. It also examines the expenditure of the college. It meets twice a year to review the financial status of the college and to examine the budget presented by the various departments. It decides the fee structure for self-financing programmes periodically. Administrative office takes care of general administration and maintains records related to both academic and non-academic works. The college has different sections, committees and cells. Efficient budget and purchase committee of the college help in proper and efficient allocation and optimum usage of available funds. External Audit: The faculty salaries and financial benefits are audited by Academic audit cell of Osmania University regularly. Service rules, procedures, recruitment, and promotional policies are followed as per Government of Telangana service rules, recruitment and promotional policies. The charted accountant invited for conducting external financial audit of different financial accounts of this institution. The financial audit is done by M/S Prabhakar Co. Any audit objections/clarifications if any are sought by the auditors (internal or external) through postal correspondence.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	NA

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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Directorate of Academic Audit, OU	Yes	Academic Council
Administrative	Yes	Audit Officer, OU	Yes	Assistant Registrar Accounts

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

Telephonic Support Induction program Annual Day activities Contributions to the departments by parents

6.5.3 – Development programmes for support staff (at least three)

Professional development programs Psychological Counseling De-addiction programs Adult education acquiring higher educational qualifications

6.5.4 – Post Accreditation initiative(s) (mention at least three)

Registration of Alumni Association Automation of exam branch Seed-money grant to faculty Incubation centre for startups Construction of Hostel for girls Faculty club formation Development of LMS (Moodle) Development of College App Formation of Heritage club

6.5.5 – Internal Quality Assurance System Details	
a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
c)ISO certification	No
d)NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Workshop on Current NAAC assessment and acreditation process	01/08/2018	04/08/2018	04/08/2018	120
2018	IQAC members awareness program for students	10/08/2018	13/08/2018	14/08/2018	1060
2018	Seminar on analysis of Scientific expressions using Excel	20/08/2018	27/08/2018	27/08/2018	62
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Inauguration of girls wing of NSS unit-III	25/09/2018	25/09/2018	164	26
Installation of CCTV Cameras.	09/06/2018	09/06/2018	42	69
Inducation program	10/08/2018	10/08/2018	150	60
Celebration of Savitri Bai Phule's Birthday	03/01/2019	03/01/2019	100	60
Self defense course for girls	01/09/2018	31/03/2019	20	Nill

International Women's Day	08/03/2019	08/03/2019	140	35
Awareness program on Sanitary hygiene	18/12/2018	18/12/2018	103	40
Selection program for Voice4girls	03/12/2018	03/12/2018	48	Nill

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
The college ensures greenery by the way of conducting Haritha Haram program. Biodiversity club also undertakes activities for maintenance of plants, trees, and water resources. Green audit and energy audit are conducted to verify the quality. RO plant wastage is used to water the grass plants in the campus. Rain water harvesting pits are maintained regularly

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	15
Braille Software/facilities	Yes	11
Physical facilities	Yes	2
Rest Rooms	Yes	15
Scribes for examination	Yes	11
Any other similar facility	Yes	15

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	2	1	15/08/2018	45	Haritaharam and Afforestation drive	Enhancing Green Cover and addressing Climate Change	68
2018	1	10	05/09/2018	1	Pusthak Pradhan (Gift a Book – Change a Life) for Orphan	Supporting students of orphanages and students of margin	47

					Students.	alized communities	
2018	1	1	02/07/2018	365	Centre for Major Competitive examinations	Skill and ability enhancement	92
2018	1	1	10/09/2018	4	Distribution of clay Ganesh idols	Environmental pollution, Prevention and accumulation of clay in water bodies	300
2019	1	1	29/08/2019	1	Bharosa – She team and Anti ragging program	Eve teasing, ragging, rights, responsibilities, punishments under law	80
2019	1	1	05/03/2019	1	University NSS Youth Festival-SWA CHATHA	Health Hygiene , Cleanliness	156
2019	1	1	27/04/2019	1	World Earth Day Celebrations Launch of Walk Alliance.	Environmental protection	234
2019	1	5	18/04/2019	8	Global Road Safety Week	Awareness on road accidents . Use of Helmets . Hazards of using cell phone while driving . Rash driving effects .	300

2019	1	1	31/05/2019	1	Tobacco Kills	Hazardous effects of Tobacco	65

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7.1.5 – Human Values and Professional Ethics

Title	Date of publication	Follow up(max 100 words)
Handbook on Code of Conduct	18/07/2018	Effective teaching and learning atmosphere can be ensured only by strictly adhering to certain disciplinary measures. Our institute has formulated Code and Conduct for all the stakeholders which ensures overall development of students and improving professional skills of teaching and non-teaching faculty. The aim of framing the Code and Conduct is to ensure that all the stakeholders are aware of the rules and regulations of the college. It helps in improving the academic performance of the students and preparing them as productive and responsible citizens. Code and Conduct aims to accomplish the vision and mission of the institute which is to emerge as one of the best institutions offering quality higher education in the state of Telangana and to disseminate knowledge through students globally.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Gandhi Jayanthi -"SWACHH BHARATH	02/10/2018	02/10/2018	160

AROGYA BHARAT".			
Birth Anniversary Of Sardar Vallabhai Patel As Rashtriya Ekta Diwas (National Unity Day) - "Clean and Green Programme"	31/10/2018	31/10/2018	250
Elocution Competition on Eradication of Corruption - Build New India,	31/10/2018	31/10/2018	50
"Red Ribbon Run" on World AIDS Day	01/12/2018	01/12/2018	70
National Voters Day Run	25/01/2019	25/01/2019	270
Competitions for Govt School Students in Amberpet on the Occasion of Sri.Gurajada Venkata Appa Rao Jayanthi Celebrations	21/09/2018	21/09/2018	36

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1) Plastic free campus – College management has discouraged the use of plastics in all Academic and Cultural events by all stake holders. Use of Plastic bottles is discouraged in the campus 2) Rain water harvest pits – To improve the ground water table of campus many rain water harvesting pits have been dug in the campus and to ensure continuous water supply throughout the year even during peak hot summer 3) Increasing Green cover to decrease carbon print – Massive plantation programme during the rainy season – August-September months by students and staff has made the campus green. It has also aided in reducing the carbon foot print in the campus. Walking in the campus is encouraged instead of use of Vehicles 4) Measures to reduce the power bills and steps to conserve energy – Energy Conservation Club of Nizam College actively takes part in National Energy Week celebrations organized by Energy conservation Mission of Telangana State jointly organised with Telangana State Renewable Energy Development Corporation Ltd – TSREDCO. Green Energy Volunteers of college continuously strive to spread message of conservation of Energy and other renewable recourses thus contributing to sustainable Environment. Use of LED bulbs and Solar panels has considerably reduced the power bills. RO plant water is diverted for gardening. 5) Green Practices of College – Use of bouquets for any Programme/Guest/Resource person has been discouraged and tradition of use of Sapling is encouraged. Use of paper is minimised and use of Technology to send all notices/circulars/seminar workshops brochures etc., NCC, NSS Student volunteers regularly conduct Swachata campaigns to keep the campus clean green

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1) Students Contributions for the Community - O.Y.S.T.E.R – Organization by Youth for Social Transformation and Environmental Recoup Title: – O.Y.S.T.E.R – Organization by Youth for Social Transformation and Environmental Recoup – Students contributions • Objective of the practice To develop sense of volunteerism among the students and feeling of responsibility for their fellow beings and contribute for the society • The context Promotion of sense of volunteerism among Nizam college students and their enrolments as volunteers. • The Practice • The mission of O.Y.S.T.E.R is empowerment of Youth and inculcation of individual Responsibility-Sensitizing people to act on social issues and contribute their might to their society. Its Vision is Youth empowerment for social transformation. It is a registered Non-Governmental Organization, founded in the year 2009 by group of youngsters and alumni of Nizam College who wish to mobilize the efforts and strength of many students, towards the Community Development. It focuses on overall personality development of the enrolled volunteers of Nizam College and other neighbouring colleges. Several programs were organized and successfully conducted by the student volunteers. They participated in i) Harithaharam –Plantation programme ii) Educating the poor children of orphanages iii) Conducting carrier guidance and orientation classes for high school students of government schools iv) Conducting sessions for farmers on organic farming v) Blood donation camps vi) Environmental Eco-friendly activities • Evidence of Success Many students have the facilities offered and completed their studies in flying colors. Most of them are employed. The growing numbers of students joining the college is the proof that college is Divyangjan friendly. • Problems encountered and Resources required Even though these facilities are provided many more activities and facilities make learning more accessible to them by using technological advancement, streamlined policies and programmes is needed. 2) Voice 4 Girls Title: – Contribution to Voice 4 Girls initiative by Government of Telangana to create awareness on girl's education, health, nutrition, human rights • Objective of the practice To create awareness among the girl students about their Education, Health, Nutrition, and Human rights, and their role in society. To channelize the potential and resources available towards betterment of the society. • The context The youth has lot of potential to make a positive difference in the society. The NGO Voice for girls select a few girls from the college and these girl students groom guide and mentor students of KGBV residential schools from classes V to X • The Practice The girl students from Nizam College stay with the girls of KGBV residential schools. This is the initiative of Government of Telangana. The girl students of Nizam College groom and mentor the students of the schools located at various places in the state. The college girl students stay with school students for a period ranging a week to a fortnight and educate them about importance of education, health, nutrition and human rights. • Evidence of Success There are certificates awarded to the college girl students who completed internship programmes with Voice for girls. After the internship the girl students become more aware of their social responsibilities and the role of their contribution. In turn they are looked up as role models by their juniors and inspire them to contribute to society. • Problems encountered and Resources required The challenges for this type of initiative require dedication and hard work along with commitment to require hands-on approach and patience. Another challenge is to take initiatives with their studies

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://www.nizamcollege.ac.in/best-practices.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and

Nizam college is one of the oldest colleges in the state of Telangana offering quality education to students from various backgrounds, states and countries. The vision of the college is - 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 One area distinctive to our vision is – Scientific, Technical and Social Research Nizam College, though one of the oldest Colleges of Hyderabad, strives in its efforts to strike a perfect balance with its founding Principles and Vision, and, the needs and challenges of a contemporary world with its ever changing needs. In tandem with the Vision, Mission and the Core Values of the Institution, the College endeavors to makes its presence felt distinctively in areas of Research across different disciplines. This commitment to promote quality education and research is evident both in the number of Conferences, workshops that are organized by the College as well as those attended by the faculty who keep themselves constantly abreast of the developments in their fields. The faculty's dedication to further their research is augured by the number of Research Projects (14) they have been awarded by the numerous bodies, the Research articles published, the Patents applied and obtained The College is not only research oriented but also balances it with other co-curricular activities such as Industrial Visits, start-ups and entrepreneurship. The Institution fosters independent and critical thinking ability among the students, which is substantiated by the Projects undertaken by the final semester UG and PG students. Further, the MoUs and Linkages and Collaborations that the Institution has established is ample proof of the potential of the Faculty who are also invited as Resource persons to different places and platforms Additionally the Institution feels proud to state that it leaves no stone unturned in its efforts to be on par with the best private institutions. Therefore, it has attracted a number of foreign students from number of countries. Keeping in mind the spirit and age of globalization, a number of activities are organized and these create an interface, and develop bonding among the local and the foreign students. This is evident in the fact that students from other countries are a sizable number on its campus. Girl students on the campus are made to feel safe and secure, and are also given additional courses on self-defense. The Institution believes in the all-round development of the students, therefore, the students play various sports and games and represent the college at various levels and win laurels for the College. Social responsibility is encouraged through NSS activities like helping rural people during camps, blood donation camps, awareness rallies, 'Swach Nizam' programs, Haritha haram etc.

Provide the weblink of the institution
https://www.nizamcollege.ac.in/research-projects-list.pdf

8.Future Plans of Actions for Next Academic Year

- Introducing new courses under SWAYAM. -Seed grant will be given to teaching staff for the encouragement of research. -Cultural fests would be conducted for foreign students to exchange the cultural and tradition values between different country students. - Encouragement of students' participation to maintain the departmental notice boards for display of current affairs, academic and job opportunities and other important day to day things related to national and international event. - Increasing greenery in the college premises by conducting more plantation programs and awareness programmes among students and staff and also by involving biodiversity club ,energy saving club ,women cell, and other important cells of college.