



SELF STUDY REPORT

FOR

1st CYCLE OF ACCREDITATION

NALLA NARASIMHA REDDY EDUCATION SOCIETY'S GROUP OF INSTITUTIONS

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Nalla Narasimha Reddy Education Society's Group of Institutions (NNRG) is an integrated campus established in the year 2009 under the aegis of Nalla Narasimha Reddy Education Society. The Institution is approved by AICTE, PCI and affiliated to JNTUH, Hyderabad. The institution is scattered over 12 acres with a built up area of about 3 Lakh Sq.Ft. The institute is accredited by NAAC with B+ NBA for three programs, recognized by UGC under section 2(F) and certified by ISO 9001:2015.

The Institution is established with a vision to prepare globally competent and ethically strong graduates. The Integrated Campus is having three programs viz. Engineering, Pharmacy and Management Sciences. The institution is offering 6 Under Graduate Courses in Computer Science and Engineering, Electrical and Electronics Engineering, Electronics and Communication Engineering, Mechanical Engineering, Civil Engineering, B.Pharmacy and 6 Post Graduate Courses in CSE, VLSI & Embedded Systems, Machine Design, and Pharmaceutics, Pharmaceutical Analysis and MBA. The campus has about 156 highly qualified and experienced faculty members out of which 26 are PhDs in all the programs.

The institute has state of the art laboratories for all the departments with latest hard ware and software facilities. There are about 670 high configured computers all connected in LAN with 90 Mbps internet facility. All the class rooms and seminar halls are equipped with ICT facilities. The Library is established with thousands of volumes of books, journals, e- journals and Digital library with 32 exclusive systems. Incubation center and Robotic center are developed to cater the need of the students and faculty innovations. The institution is focusing on training the students to improve their communication, aptitude, technical skills etc. Students are actively participating in curricular, co curricular and extracurricular activities.

By strictly following the curriculum and imparting holistic education, NNRG aims at being one of the most premier educational institutions in the State of Telangana. Our plans from our size to our structure give the students the best possible educational and research experience essential for developing qualitative global citizens who can apply the learnt knowledge to solve the problems of the world.

Vision

To be a Premier Institution ensuring globally competent and ethically strong professionals

Mission

1. To provide higher education by refining the traditional methods of teaching to make globally competent professionals
2. To impart quality education by providing the state of the art infrastructure and innovative research facilities
3. To practice and promote high standards of professional ethics, transparency and accountability

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Highly qualified and experienced faculty
- Accredited by NAAC, NBA and certified by ISO
- State-of-the-art laboratories and IT Infrastructure
- Team work of the faculty and staff
- Close proximity to the industries and R&D organizations.
- Incubation centre, Robotics center and Research Labs
- Industry oriented Training programs for students
- Professional society chapters & technical clubs in every department
- Curriculum enrichment through value added courses, contents beyond the Syllabus
- Overall development of students through their participation in co-curricular & curricular activities
- Good sports and Games facilities
- Structured service rules
- Effective feedback system from stake holders

Institutional Weakness

- High end Research infrastructure
- Back ground of the students
- Younger institution compared to surrounding colleges
- Rigidity of academic structure & curriculum
- Consultancy

Institutional Opportunity

- Potential to gain Autonomous status
- To develop collaborative programs with industry and R&D organizations.
- To establish consultancy for Civil, Mechanical and Pharmacy industries
- To get funding projects from AICTE, UGC, RCI, DRDL, DST etc.
- To train students in PSUs like ECIL, BEL, BHEL, NRSA, etc.
- To get campus drives from reputed software and core companies like Oracle, Microsoft, Google, M&M, Telco, L&T etc.

Institutional Challenge

- Competing with already established institutes in surrounding areas
- Govt. support in releasing tuition fee of students in time.
- Research funding from government and private agencies.
- Modernizing labs with advances in Technology / Industry growth.

- Alternate financial resources.
- To improve the rate of employability of the students.
- Involvement contribution of Alumni in the development of the institute.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

Nalla Narasimha Reddy Education Society's Group of Institutions (NNRG) follows curriculum which is mandated by University from time to time. The Institution meticulously develops action plans for effective implementation and delivery of the curriculum. The curriculum includes orientation, induction programs in line with AICTE model curriculum.

Vision & Mission statements, PEOs, POs, PSOs and COs are displayed and printed at appropriate locations in order to reach the stake holders.

The Institution has perspective planning for effective implementation of the curriculum with emphasis on ICT based delivery. Before the commencement of the semester, for proper execution of the academic activities, proper academic planning is done. Institute academic calendar is prepared in line with University academic calendar. Also activity calendar is prepared which includes curricular, co-curricular and extra-curricular activities. The Course planning is done by every faculty member which include course contents, course outcomes, identification of curriculum gaps based on pre defined POs and COs, keeping in line with Institute Vision and Mission. The academic flexibility is provided to students by offering various elective courses.

For effective transformation of the curriculum, the faculty are encouraged to participate in Faculty Development Programs, Workshops and Seminars conducted by various reputed institutions. The Institution invites experts from Industry and reputed organizations for conducting different skill development training programs for the benefit of both students and the faculty. The faculty of various departments conducts their internal meetings and develops academic plans to be carried out during the academic year, keeping in view the University curriculum. The institution also encourages the faculty to take part in various academic events being conducted by the University from time to time. The faculty contributes for the development of curriculum by sharing their thoughts and views with educationalists, industrialists and also by obtaining feedback from the students. In addition to the regular curriculum, the institution also organizes special lectures by inviting subject experts from various fields to share their knowledge with the students and faculty.

Teaching-learning and Evaluation

Systematic preparation, execution and assessment of Academic plan are the most striking feature of the teaching learning process adopted by the Institution. The Institution organizes Orientation and induction Programs for the parents and the students at the commencement of academic year. The Institution pays required attention to both the slow and advanced learners irrespective of their background and maximum efforts are bestowed to enhance the performance of slow learners and advanced learners. To achieve the teaching objectives, the teachers adopt different instructional tools such as ICT facilities for effective teaching and methodologies which include the use of Flipped Classrooms, blended learning, learning through research and

Project Based Learning. The students are encouraged to participate in Paper presentations, Group Discussions, Projects exhibitions etc. The Institution follows teaching-learning process and Evaluation as per the norms and guidelines stipulated by the affiliated University and AICTE viz. Full time teacher-student ratio is being maintained as per the norms of AICTE. The Institute provides e-learning platforms to facilitate independent learning wherein students can access course contents through on-line facilities to bridge the gap from classroom learning, and also supplement advanced learning and allows the students to access technical resources such as NPTEL, SWAYAM etc. Outcome based Education is being practiced effectively for all the programs offered by the Institution with well defined Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs) and common Program outcomes (POs) which are given by the NBA. The Course outcomes are developed by concerned faculty with reference to Blooms Taxonomy. Reforms in continuous internal evaluation, redressal and grievances of the students are addressed both at the Institution level and University Level. Continuous Internal Evaluation System (CIE) is conducted as per the schedule.

IQAC develops a foolproof mechanism to check the quality and time bound delivery of all academic activities in the Institution. Incubation Centre, Robotics Lab are functional and available to enhance the effectiveness of teaching learning process.

Research, Innovations and Extension

NNRG believes that research and education go together. Therefore, R&D Labs are established in the campus with reasonable hardware and software facilities like 3D printer, Robotic equipment, MAT LAB, CADENCE, ProE etc. Research and development helps the students and faculty to transform their innovative ideas into their projects and entrepreneurship. Several professional bodies like ISTE, IETE, CSI, IEEE chapters have been registered for conducting professional activities and to try for sponsored grants for research projects. The Institution encourages faculty to publish the research papers, conference papers, and also to conduct workshops, seminars, conferences etc. for updating of their technical knowledge. The institution has plagiarism software for maintaining the code of ethics in Research and Publishing. The faculty members are encouraged to present and publish their research papers in National, International Conferences and Journals. About 90 papers were published in UGC approved and Scopus Journals and 3 Patents have been filed. Every Department conducts National Conferences and encourages students and faculty to present research papers. The Incubation Centre and Robotics Lab of the Institute train the students in high- end technologies and prepare them to develop prototypes for ready to use in industry. Students are taken to industries to get awareness on current trends in technology. The Institution encourages faculty members to pursue PhD for their career growth and advancement. The institution motivates the faculty members to participate/organize workshops and seminars to create research awareness and share knowledge in latest trends and technologies. The institute has good infrastructure facilities in terms of research laboratories and library resources.

Infrastructure and Learning Resources

The Institution has a sprawling area of 12 acres with a built up area of about 2500 Sq.m. with spacious structures for class rooms, labs, drawing Halls, board room, Faculty cabins, s conference halls, seminar halls for all the Departments, exclusive Training & Placement Cell, Examination Branch, ample space for outdoor and indoor activities, ramps and lift for physically disable students, Library and other administrative offices. All the class rooms have been equipped with ICT facility. The Institution has state-of-the art Laboratories with

sophisticated furniture. The Incubation Centre and the Robotics Labs are established to carry out the research. As the veritable abode of knowledge, the library houses 4800 titles, 26320 Volumes of books. It has a collection of back volumes, project reports and print journals, magazines, NPTEL material etc.. Digital library services unit has 32 advanced computers with a 20 Mbps internet connection. The Institution has the practice of collecting and maintaining rare books, manuscripts, and special reports or any other knowledge resources to benefit students and faculty for their knowledge enhancement, research and exploring new things apart from the standard books. Details of collection of some of the rare books, manuscripts, competitive examinations books such as IELTS,GATE, G-PAT, GRE, Pharmacopoeia etc., Also, the librarian places orders for all required books as per the needs of the curriculum. Institution has very strong IT infrastructure facilities in terms of hardware, software and regularly updates as per need. The Institution has massive network of 668 high configured computers with 90 Mbps leased internet connectivity to fulfill the academic and research needs. For maintenance of campus facilities, the Institution has framed various committees who constantly look after the general civil maintenance and up keeping of infrastructure, garden, Security and the surroundings of in and around the Campus. Emergency exits and fire fighting system are provided to counter situations like fire hazard and natural calamities. Adequate facilities for outdoor and indoor games, , separate room for Yoga and Meditation are also available. Two Purified RO Water Plants are catering to the needs of all the students and faculty.

Student Support and Progression

The Institution has developed facilities to improve academic and overall personality development skills in students. It has student support system from government of Telangana, in the form of tuition fee reimbursement for eligible students, and provides scholarships for socially and economically backward students and institution also provides tuition fee concession and scholarships every year to the economically backward students on the special occasions viz Founders Birthday, Teachers day, independence day and republic day. The Institution awards medals and certificates for student achievers in curricular, co-curricular and extracurricular activities involving students actively in various academic and administrative committees. It encourages capability enhancement and development schemes like career counseling, higher education, guidance for competitive examinations, soft skill development, and personal counseling/mentoring, yoga and Meditation for the benefit of students. Training and placement cell maintains good relationship with industries and companies to assist in career guidance and placements for students. Various training sessions are conducted for career guidance and entrepreneurship development. About 70% of students have been benefited by scholarships provided by the Government; 13% of students are benefited by scholarships and free ships provided by the Institution. Several students are benefited with vocational Education Training (VET). Quite a number of Awards have been won for outstanding performance in sports and cultural activities at state and national level. Training and Placement Cell plays a vital role in conducting expert lectures, industrial visits and training sessions for students. This endeavor results in 25 to 30% of students going for higher studies and 50 to 60% of students are employed through on campus and off campus recruitment drives in every stratum of Industry and few students become successful Entrepreneurs. The Institution organizes various co-curricular and extra-curricular activities in cultural and sports events which eventually help the students to showcase their talent. The Entrepreneurship Development Cell is functioning exclusively to motivate the students who aspire to be entrepreneurs. Committees like Student Grievances & Redressal, Sexual Harassment Eradication Cell and Anti Ragging Cell are constituted to monitor and support the students. The institute organizes alumni meet annually to have a continuous bonding with alumni.

Governance, Leadership and Management

The governance, leadership, and management of the Institution transforms its vision and mission statements into reality by discussing and sharing their views with each other and come to a consensus on the administrative and academic functions of the Institution. The Institution has well documented strategic plan with Vision, Mission, quality policy, SWOC analysis and action plan. The actionable items are taken up by the concerned people for implementation. Quality education, vision, mission and values are maintained in the institution through involvement of stakeholders. Director who is also the Member Secretary of the Governing Body heads the academic and administrative setup. Deans and Heads support the Director in various academic/administrative activities. Various committees headed by senior faculty members are constituted by the Director in consultation with the Deans and Heads. These committees help in the decentralization of work and ensure collective responsibility among faculty. Heads plan the Annual Budget of their respective Departments. Recruitment of staff is done in a transparent manner as per procedures defined in administrative manual. Various committees' minutes of meeting are communicated and implemented effectively. Faculty development programs being are arranged for faculty to improve the skills on emerging technologies. Staff members are encouraged to attend training programs in higher institutions with financial assistance. More than 90% of faculty members are provided with financial support to attend conferences/workshops. Various Professional development/administrative training programs have been organized by the Institution. More number of faculty members attended professional and development programs like Orientation Programs, FDPs, short term courses etc. various quality initiatives have been conducted by IQAC Cell.

Performance appraisal system is implemented for all employees to have accountability. The Institute organizes Techno Fest Seminars, Workshops and Conferences for the overall development of students. Various activities are conducted to inculcate leadership qualities among students and staff. Institution has IQAC cell to ensure quality in academic, non-academic and administrative functions that strives to achieve Vision, Mission and Quality policy of the institution. Institution conducts internal and external financial audits regularly. The Quality of the institution is supervised by Internal Quality Assurance Cell (IQAC) frequently by conducting academic audit.

Institutional Values and Best Practices

Institute adopted eco-friendly practices such as waste management, semi paperless office and plastic free campus. For better utilization of natural resources solar and rain water harvesting system are deployed. Institution got location advantage by which local community is benefitted in terms of techno-social aspects. As part of social responsibility, Institution always focused on extension activities such as gender equity, environmental consciousness, sustainability, moral and ethics. To inculcate universal values among the students institution consistently celebrates national festivals. The campus is built with lush green grounds and plants & trees. The institution adopts eco-friendly policies to have clean environment in the campus. Solid, liquid and e-waste is separated and disposed in line with green building standards and managed carefully by using outside agencies/ incinerators. Green practices are adopted to reduce pollution. Rain water harvesting pits are made in the campus to recharge underground water. Institution celebrates the birth anniversaries and observes death anniversaries of great personalities. The institute follows some best practices to yield better outcome in teaching learning and over all development. Building structures are designed with natural lighting and ventilation to minimize the usage of electricity. Rain water harvesting is implemented with a desire to conserve water. The institution has a well defined mechanism for career guidance and placements of the students which provides required training and guidance for research and higher studies. Various clubs are functioning to develop all round personality of students. Swamy Vivekananda Center for Human excellence is established in

the campus. The Institution has conducted 102 gender equity promotion programs, good number of specific initiatives to address locational advantages and disadvantages, many activities conducted for promotion of universal values. Institution offers course on Human Values and Professional ethics which enable students to have good conduct and values.

The Institution encompasses various social responsibilities and universal values such as Integrity, Accountability, Punctuality and Humanity with best practices like Quality and Excellence to achieve its Vision of overall development of the students and staff. Institute takes care and provides facilities for students and staff. Gender sensitization in curriculum helps students to realize the importance of gender equality.

NAAC

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	NALLA NARASIMHA REDDY EDUCATION SOCIETY'S GROUP OF INSTITUTIONS
Address	choudariguda vil, Korremula X Road, Ghatkesar Mandal, Medchal Malkajgiri dist
City	Hyderabad
State	Telangana
Pin	500088
Website	www.nnrg.edu.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Director	C V Krishna Reddy	040-29705282	9985311109	040-29705284	director@nnrg.edu.in
IQAC / CIQA coordinator	P Ramesh	-	9502941951	-	iqac@nnrg.edu.in

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
Date of establishment of the college	24-07-2009

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Telangana	Jawaharlal Nehru Technological University	View Document

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	28-06-2019	View Document
12B of UGC		

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
PCI	View Document	10-06-2019	12	
AICTE	View Document	25-04-2019	12	

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No
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Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	choudariguda vil, Korremula X Road, Ghatkesar Mandal, Medchal Malkajgiri dist	Rural	12	23947

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BTech,Civil Engineering	48	Intermediate	English	60	14
UG	BTech,Computer Science And Engineering	48	Intermediate	English	180	145
UG	BTech,Electrical And Electronics Engineering	48	Intermediate	English	60	4
UG	BTech,Electronics And Communication Engineering	48	Intermediate	English	180	130
UG	BTech,Mechanical Engineering	48	Intermediate	English	120	10
UG	BPharm,Pharmacy	48	Intermediate	English	100	54
PG	Mtech,Computer Science And Engineering	24	B.Tech	English	18	1
PG	Mtech,Electronics And C	24	B.Tech	English	18	7

	ommunicatio n Engineering					
PG	Mtech,Mech anical Engineering	24	B.Tech	English	18	4
PG	MPharm,Pha rmacy	24	B.Pharmacy	English	18	3
PG	MPharm,Pha rmacy	24	B. Pharmacy	English	18	5
PG	MBA,Manag ement Sciences	24	UG	English	120	41

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	18				37				101			
Recruited	17	1	0	18	27	10	0	37	56	45	0	101
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				134
Recruited	95	39	0	134
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				34
Recruited	23	11	0	34
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	17	1	0	3	2	0	2	2	0	27
M.Phil.	0	0	0	2	1	0	0	0	0	3
PG	0	0	0	21	8	0	54	43	0	126

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
		9	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
PG	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
Certificate / Awareness	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	8	22	16	20
	Female	21	19	15	13
	Others	0	0	0	0
ST	Male	15	10	25	20
	Female	2	3	1	4
	Others	0	0	0	0
OBC	Male	122	121	149	161
	Female	99	88	104	89
	Others	0	0	0	0
General	Male	91	101	125	101
	Female	60	76	80	93
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	2	0	2
	Others	0	0	0	0
Total		418	442	515	503

3. Extended Profile

3.1 Program

Number of courses offered by the institution across all programs during the last five years

Response: 762

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of programs offered year-wise for last five years

2018-19	2017-18	2016-17	2015-16	2014-15
12	12	12	12	13

3.2 Students

Number of students year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1779	1560	1609	1610	1510

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
257	257	259	259	259

File Description	Document
Institutional data in prescribed format	View Document

Number of outgoing / final year students year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
492	129	470	408	372

File Description	Document
Institutional Data in Prescribed Format	View Document

3.3 Teachers

Number of full time teachers year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
166	183	203	213	217

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of sanctioned posts year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
166	183	203	213	217

File Description	Document
Institutional data in prescribed format	View Document

3.4 Institution

Total number of classrooms and seminar halls

Response: 59

Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
421.56	416.485	447.83967	378.26911	259.25372

Number of computers

Response: 668

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process

Response:

The Institution scrupulously adheres the guidelines of the Affiliated University and methodically develops various action plans for effective implementation of the curriculum and documented process. At the outset, according to the guidelines of IQAC the Advisory Committee of the Departments conduct meeting at beginning of the academic year to develop various strategies for effective implementation of the curriculum.

The Institution follows meticulously the academic calendar of Affiliated University for instruction delivery and other schedules. The Institution also prepares the academic calendar in line with academic calendar of Affiliated University by incorporating various academic events and schedules like Guest Lectures, Industrial Visits, Workshops, Seminars, certificate programmes and Conferences to be organized in all the Departments during the ongoing semesters.

The Academic Calendars of the Departments, Institute the University are disseminated in to the prominent places such as website, notice boards at the departments and institution to aware of the each and every student and faculty during the beginning of the semester. Frequent review meetings will be conducted by the Director with all the Deans and HoDs to assess whether the activities are being conducted as per the academic calendar.

The Department Advisory Committee invites inputs from various stakeholders regarding strengthening of the curriculum and keeping in view the suggestions received from Industrialists, alumni and students, The Advisory Committee will suggest the topics to bridge the gap in the curriculum to meet the industry needs.

Allocation of subjects to the faculty is done by the HoDs taking into consideration, the faculty experience and specialization in the subject and their willingness. As per the directions of Advisory Committee, all the faculty members prepare Course Files for each subject and prepare Lab Manuals for all the Labs. The Course Files of individual faculty contains: Vision and mission of the department, Students Name List, Program Educational Objectives (PEO) and Program Outcomes (PO), Course Outcomes (CO), Timetables, syllabus, Lesson Plans, question bank, assignment questions, Mid-I, Mid-II, Question Papers, Mid-I & II Marks, Lecture Notes, Result Analysis etc. The IQAC will go through all the course files, lab manuals in their periodical academic audit, and give their suggestions for any modifications/improvements to be carried out. Faculty are oriented towards the implementation of the plan towards innovative teaching methods, ICT tools such as video lectures, animations, NPTEL, SWAYAM and periodic assignments, technical group discussions, seminars, group activities, etc. The progress of syllabus coverage is monitored periodically by the concerned Head of the Department.

Director conducts weekly meetings with Deans and HoDs regularly to devise a mechanism to implement

the curriculum more effectively. The Internal Quality Assurance Cell (IQAC) will also discuss and give their specific directions with regard to effective curriculum delivery to strengthen the Teaching & Learning process to be followed by all the Departments.

In addition to the curriculum, the students are educated about the recent developments in their relevant branch of study by organizing guest lectures, inviting industry experts, conducting industrial visits and field trips to create awareness among the students on industry and societal needs.

File Description	Document
Any additional information	View Document

1.1.2 Number of certificate/diploma program introduced during the last five years

Response: 88

1.1.2.1 Number of certificate/diploma programs introduced year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
20	20	18	15	15

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Details of the certificate/Diploma programs	View Document
Any additional information	View Document

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

Response: 20.88

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
14	15	6	3	3

File Description	Document
Details of participation of teachers in various bodies	View Document
Any additional information	View Document

1.2 Academic Flexibility

<p>1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years</p> <p>Response: 36.48</p>	
<p>1.2.1.1 How many new courses are introduced within the last five years</p> <p>Response: 278</p>	
File Description	Document
Details of the new courses introduced	View Document
Any additional information	View Document
<p>1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented</p> <p>Response: 100</p>	
<p>1.2.2.1 Number of programmes in which CBCS/ Elective course system implemented.</p> <p>Response: 12</p>	
File Description	Document
Name of the programs in which CBCS is implemented	View Document
Any additional information	View Document
<p>1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years</p> <p>Response: 79.67</p>	
<p>1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years</p>	

2018-19	2017-18	2016-17	2015-16	2014-15
1483	1473	1416	1436	655

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	View Document
Any additional information	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates cross- cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum

Response:

The Institution made efforts to guide the students to integrate cross cutting issues by the following ways:

The institute follows the curriculum offered by the affiliated University, The curriculum includes the courses to address the Professional Ethics and Human Values, Indian Constitution, Environment and Sustainability, gender sensitization , Intellectual Property Rights by all engineering and pharmacy programmes, cyber forensics by CSE, Renewable energy sources by civil engineering, mechanical engineering, electrical and electronics engineering and M.Tech(Machine Design), Disaster management by mechanical engineering, electrical and electronics engineering, ECE, Civil Engineering ,Business law and Ethics by Master of Business Administration (MBA), Entrepreneurship and small business enterprises by Mechanical Engineering and B.Parmacy, Industrial waste water treatment by Civil Engineering.

Along with the prescribed curriculum of the affiliated University, Institute delivers various lectures by inviting eminent speakers to deliver Guest lecturers and organize the events to create awareness on environmental issues and build up moral and ethical values among the student community. The teaching of values like gender equality, environment protection, transparency, and ethical behavior takes place in a systematic way through various activities.

Gender equality

The Institution constituted a sexual harassment and eradication cell to address the gender rights/discrimination issues. Under this cell several seminars and awareness programs are being conducted. Girls and boys are encouraged to work together in various curricular-co-curricular activities. There is no discrimination made in offering the various committees to girls and boys. This holistic approach has led to increase the opportunities in employment as well as in building new entrepreneurial

development among the student community.

Environment & Sustainability

The Institution gives the students an exposure to various environmental related policies and issues across the local to global scale. Institution regularly conducts Clean & Green activities to bring the awareness about the climate change. Our students regularly organize Swatch Bharath Activities. Under the auspices of NSS Unit campus cleaning activity, planting of trees etc. are being conducted frequently. The Institution makes arrangements for workshops and seminars wherein the experts are invited to share and deliver their experiences and knowledge on environmental protection, rain water harvesting etc.

Human Values & Professional Ethics

Institution often conducts guest lectures, seminars on Human Values and Professional Ethics in associate with centre of Human Excellence, Ramakrishna math, Hyderabad to highlight plausible implications of holistic understanding in terms of ethical human conduct, and to inculcate moral and ethical values among the students. The importance of moral and ethical values for professional students is highlighted to nurture the students' behavioral aspects.

File Description	Document
Any Additional Information	View Document

1.3.2 Number of value added courses imparting transferable and life skills offered during the last five years

Response: 170

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years

Response: 170

File Description	Document
Details of the value-added courses imparting transferable and life skills	View Document
Any additional information	View Document

1.3.3 Percentage of students undertaking field projects / internships

Response: 57.05

1.3.3.1 Number of students undertaking field projects or internships

Response: 1015

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

1.4 Feedback System

1.4.1 Structured feedback received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni and 5) Parents for design and review of syllabus-Semester wise/ year-wise

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: A. Any 4 of the above

File Description	Document
Any additional information	View Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback processes of the institution may be classified as follows:

A. Feedback collected, analysed and action taken and feedback available on website

B. Feedback collected, analysed and action has been taken

C. Feedback collected and analysed

D. Feedback collected

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
Any additional information	View Document

NAAC

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 0.46

2.1.1.1 Number of students from other states and countries year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
12	15	6	4	1

File Description	Document
List of students (other states and countries)	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

2.1.2 Average Enrollment percentage (Average of last five years)

Response: 53.89

2.1.2.1 Number of students admitted year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
442	515	503	538	162

2.1.2.2 Number of sanctioned seats year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
790	790	790	810	888

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years**Response:** 87.88

2.1.3.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
257	257	259	259	102

File Description**Document**

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)**2.2 Catering to Student Diversity****2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners****Response:**

At the end of the admission process, a general review is conducted and the students profile is checked to assess the quality of the admitted students and the institution has take steps to bridge any gaps in the knowledge base of the students. The Institution pays required attention to both the slow and advanced learners irrespective of their background and maximum efforts are bestowed to enhance the performance of slow learners. The Institution organizes Orientation Program for the parents and the students at the commencement of academic year for all the programs. The program would help the students and parents to get familiarized with the institution, course structure, credits, curricular and co-curricular activities, facilities, rules and regulations etc.

Every class contains a mix of intelligent and average students. The slow learners and advanced learners are distinguished on the basis of marks obtained in their previous course; and subsequently the classification of slow and advanced learners is done from time to time on the basis of day-to-day evaluation, internal exams, University exams, assignments, presentation of seminars and observation in tutorial sessions etc. The interactive teaching methodology is an essential part of the regular classroom activity enables the lecturers to identify the slow and advanced learners.

Slow learners

Remedial activities are designed for the slow learners so that maximum personal attention is provided to such students, thus enabling them to cope-up with the curriculum. Continual counseling by lecturers helps

to boost the self-confidence of the slow learners. The class in charges monitors this group of students who are behind in learning the subjects and counsels them to improve their performance and advises them to attend College regularly to understand the subjects which makes the students to excel in studies. Students are given regular class tests in order to improve their performance in the examinations. Further, faculty members are advised to revise the tough topics as per the students requisition and provide Study material. Mentors enquire with the student / parents about their problems and educate them to take care of their wards to avoid risk of drop out. Extra/remedial classes are organized to clarify doubts, re-explaining the critical topics for improving the performance; appropriate counseling with additional teaching etc. eventually helps the students to improve their performance in academics.

Advanced Learners

Advanced learners are continuously encouraged to strive for higher goals by providing the additional inputs for better career planning and growth. Encouraging the students to take active part in various professional bodies and be the members of Departmental Committees to enhance their academics, managerial skills and leadership qualities. Motivating the students to organize technical sessions on the emerging technical areas to have better exposure in the areas of recent developments and also encouraged to do innovative projects during the course. Advanced learners are encouraged to participate in the Technical Symposia/Conferences. Advanced learners are encouraged to take up competitive exams like GATE, GRE, GPAT, CAT etc. Students are guided to higher levels of achievements and encouraged towards challenging goals.

File Description	Document
Any additional information	View Document

2.2.2 Student - Full time teacher ratio

Response: 10.72

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0.11

2.2.3.1 Number of differently abled students on rolls

Response: 2

File Description	Document
Institutional data in prescribed format	View Document
Any other document submitted by the Institution to a Government agency giving this information	View Document

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response:

The Institution supports student-centric learning through its efforts by creating learning atmosphere which allows students to think in different way, respond and pose questions. For common teaching methods the lectures are supported by Assignments, Tutorials, industrial visits, internships, field works, seminars and projects. Etc.

Further, the student-centric learning is promoted through different types of interactions to ensure that real communication takes place in the classroom Student-centric learning has been the practice of the Institution for a long period and this has been reinforced with new ways of learning which was adopted by the faculty at different levels as they revamp the student-centric methods.

Experiential learning:

The main focus on experiential learning is on knowledge transfer and learning through students' active participation and involvement. The Teachers provide a platform to students to explore independently, learn through self study and from their guides to develop effective and lifelong skills. The Institution adopts certain learning methodologies to motivate the students to learn for higher retention of knowledge through better understanding for developing positive attitude towards subject taught.

Students are encouraged constantly to contemplate on **Experiential Learning** partly through curriculum itself by imparting practical sessions in laboratory courses besides undertaking end semester Project work. Apart from this, students are directed to make models to augment their learning in the class room. Every semester students are taken for Industrial Visits to the Industries which are relevant to their subjects to gain practical exposure to industrial practices.

Participative Learning Methods:

The institution is adopting **Participative Learning Methods** which include presentation of Technical seminars by students on topics related to the curriculum and making them to work towards Competitive and Team Spirits are developed through debates and panel discussions.

In addition to this students involve themselves in making working models and exhibits to be showcased during inter-collegiate symposia. The invited talks and workshops enable the students to have an exposure to the latest trends and issues in their own discipline and also learn the ways and means to handle them. These events are structured as student association activities, national symposiums, e- learning, identifying online resources for self-learning, NPTEL, videos case studies, Brain storming, Group Discussions, Quizzes, Debates etc., are being implemented to enhance the learning Environment. The institution has student's chapters namely IETE, IEEE, ISTE with professional societies which facilitate students to participate in project contest involving hands on learning.

Problem Solving Methodology:

Apart from the above methods, Teachers are conducting Tutorial classes which are part of the course delivery to inculcate **problem solving skills** among the students to supplement regular teaching learning process. The problem solving ability is further honed by incorporating questions on case studies in the internal assessment examinations. problem based learning in projects/competitions etc. and participating students are assigned with different tasks, assignments, activities in which students engage in complex, challenging problems and collaboratively work towards their solutions by using inter disciplinary knowledge like implementation of software/Apps, design and building robots etc.

File Description	Document
Any additional information	View Document

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 100

2.3.2.1 Number of teachers using ICT

Response: 166

File Description	Document
List of teachers (using ICT for teaching)	View Document
Any additional information	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 11.4

2.3.3.1 Number of mentors

Response: 156

File Description	Document
Any additional information	View Document

2.3.4 Innovation and creativity in teaching-learning**Response:**

Teaching-Learning is a phenomenon where teachers and the students are learning, which is a continuous process. This kind of support would certainly enhance their innovative skills and creative ideas. The teachers are refining their subject knowledge for effective teaching, and the students find it easier to understand the subject and its applications. Of late, conventional teaching has been replaced with more innovative and creative ways by scattering, sharing and leveling the progress of the knowledge development among the students.

The dedicated faculty members of the Institution aim to deliver their lectures in an effective manner to enrich the knowledge of the student community. They continuously do research to evolve innovative teaching methodologies. The various innovative teaching methods that our teachers follow to make their class more interesting are:

Teaching-Learning-Evaluation Using ICT and other methods:

The Institute provides E-learning platforms to facilitate independent learning wherein students can access course contents online. Thus e-learning platforms through on-line facilities to bridge the gap from classroom learning, and also supplement advanced learning and allows the students to access technical resources such as NPTEL, SWAYAM lectures etc.,

Flipped Classroom & Blended Learning:

The faculty employs flipped classroom and Blended learning system to encourage active learning among students. In these pedagogical models, students' engage with the concepts individually outside the classroom through short videos and Open Educational Resources. The class room activity then focuses not on concept understanding but on higher order thinking skills like creating, analyzing and application of the knowledge gained.

Teaching-Learning through Research:

- The Institute also promotes collaborative learning with industry projects and research projects along with industrial visits and field visits, Internships.

- The Incubation and Robotics Centers are provides encouragement to the students to fabricate small models demonstrating certain principles and concepts by enhancing their ideas and to convert the ideas into prototypes ensuring hands-on training with multidisciplinary approach etc.

Other initiative methods adopted by the Faculty:

The teachers & students are involved with commitment in learning process, teachers are encouraging the students to come out with their new and innovative ideas. New approaches to teaching and learning such as Outcome-Based Learning, Student-Centered Learning, Problem-based learning, Case Study etc. have proven that many students have positive impact on learning on implementations of the above different methods in our teaching methods. An innovative teacher will constantly formulate new ways and approaches to teaching and learning to maximize the output among the students, i.e. learning. The teaching-learning innovative method would certainly encourage the students to raise questions and sometimes by working with models development in order to get answers to their queries.

File Description	Document
Any additional information	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document
List of the faculty members authenticated by the Head of HEI	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Response: 10.47

2.4.2.1 Number of full time teachers with Ph.D. year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
27	26	18	15	13

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document

2.4.3 Teaching experience per full time teacher in number of years

Response: 8.72

2.4.3.1 Total experience of full-time teachers

Response: 1447

2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Response: 15.78

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
11	7	7	2	4

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters (scanned or soft copy)	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 21.98

2.4.5.1 Number of full time teachers from other states year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
40	45	46	36	47

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document

2.5 Evaluation Process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

Response:

The reforms implemented by the institution in Continuous Internal Evaluation (CIE) at institute level in line with academic regulations governed by the affiliated university. The Institution ensures strictly the guidelines stipulated by the University in the Evaluation process and reforms:

The performance of a student in every subject will be evaluated by Internal Evaluation and Semester End-Examination. There will be two midterm examinations for theory subjects and two assignments during a semester. Each mid-term examination consists of one objective paper, one descriptive paper and one assignment. Mid examination question papers are prepared by the faculty based on OBE by considering Blooms' Taxonomy levels and Cos.

The objective paper is set with 20 multiple choice, fill-in the blanks questions. The descriptive paper shall contain 4 full questions out of which, the student has to answer 2 questions. The first mid-term examination shall be conducted as per the schedule of the University Academic Calendar. As per the directions of the University, the Institution should complete 2.5 Units i.e. 50% of the syllabus before the I Mid, and by the time the second mid-term examination is scheduled to be held the remaining 2.5 Units i.e. 50% of the remaining syllabus should be completed. The first assignment should be submitted by the students before the conduct of the first mid-term examination, and the second assignment should be submitted before the conduct of the second mid-term examination.

For practical subjects there shall be a continuous internal evaluation during the semester. The external Lab examinations will be conducted by an external examiner appointed from the clusters of colleges which are decided by the control of evolution of the University.

Industrial Oriented Mini Project/Summer Internship shall be submitted in a report form and presented before the committee in IV year I semester. The committee consists of an external examiner, Head of the Department, supervisor of the Industrial Oriented mini project/Summer Internship and a senior faculty member of the department will evaluate the Mini Project/summer internship. There shall be a seminar presentation in IV year I semester. UG project work shall be carried out during IV Year II Semester.

The end semester examinations question paper will be framed by the Affiliated University and the examination will be conducted strictly as per the schedule of University Academic Calendar.

The Mid answers books are shown to students after evaluation of scripts for avoiding discrepancies in evaluation of answer scripts and partiality or favoritism. Internal Examination Results are announced immediately after evaluation of answer scripts through displaying in Notice boards and same will be intimated to parents via SMS.

The University Evaluation Rules & Regulations is provided in the additional information.

File Description	Document
Any additional information	View Document

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

Response:

The Institution is taking efforts to make the Internal Assessment is transparent by following various assessment strategies:

- Institute follows the rules and regulations for the assessment process are maintained as per guidelines of affiliated university.
- Internal Assessment is made twice in a semester for the students in terms of theory, practical and Assignments scheduled by affiliated university.
- Two Internal Examinations are conducted in each theory in every semester and Final marks shall be arrived at by considering marks secured by the student in both the mid examinations with Average of two mid exams. The Internal examinations are conducted as per the university's regulations.
- Final year students are assessed by a variety of activities once in the curriculum such as technical seminar, comprehensive viva, mini and major projects as per the university schedule.
- The Assessment of major project, Project Review Committee constituting with HOD as chairperson, and Project Coordinator and two senior faculty members and PRC meet is conducted to finalize the project proposals and guides are allotted as per the project domain.
- The schedules of all examinations are communicated to students and faculty in the commencement of the semester through university academic calendar along with display of detailed schedule on notice board.
- Students assess the level of achievements of course outcomes at the end of every semester, to measure the level of program outcome achievements; direct assessment provide for the direct examinations or observation of student knowledge or skills against measurable learning outcomes.

- Faculty conduct direct assessment of student learning throughout the course viz. performance evaluation through Internal and External Examinations in both theory and laboratories; performance evaluation by conducting tutorials and assignments; performance evaluation in project work/seminars/comprehensive viva-voce etc.
- Indirect Assessment will be obtained by Alumni Feedback; employer feedback; and course-end feedback.
- Above and all the mechanisms practiced as mentioned above, the answer scripts and model papers are given to the students immediately after the tests, so that students get a chance to discuss their performance in the tests with the concerned teachers.
- The outcome results are also discussed in the classes and students are individually counseled for improving the existing standards of assessment.
- Institute displays the internal marks obtained by the students on the notice boards.
- The Institution also encourages the independent learning of the students which includes paper presentation in Conferences, innovative Mini & Major projects, and gives proper weightage to these factors.
- In order to improve the internal assessment further, the Institution will focus on written tests, attendance, presentations, field visits, assignments, seminars, workshops, communication skills, research activities, independent learning and behavioral aspects of the students from time to time.

The faculty formulates the objectives for the course both in theory and in laboratory to evaluate and assess the student satisfaction levels and application of mind in following the lectures. Teachers pose verbal questions; conduct slip tests etc, immediately after completion of the lecture to check the fulfillment of the objectives. Faculty also observes the proficiency of the students in lab experiments.

2.5.3 Mechanism to deal with examination related grievances is transparent, time-bound and efficient

Response:

Mechanisms for redressal of grievances at the **Institution level:**

The answer scripts of internal examinations are shown to the students after evaluation and student grievances are addressed, if any. If students found discrepancies, if any, the same will be brought to the notice of teacher concerned with the intervention of the HoD, and the necessary corrections will be made. If student is not satisfied with the marks awarded in any subject/laboratory after bringing it to the notice of the faculty concerned, student may represent the same to the Director through the HoD concerned. All such representations are taken positively and reassessment will be made by a competent teacher, if

necessary.

Mechanisms for redressal of grievances at the **University level**:

After publishing the results on-line by the University, if any student found the marks are not up to his expectation and/or any discrepancy is suspected, the students can apply for scrutiny within 15 days of declaration of results. The results committee of the University considers all aspects and sees that all grievances are properly addressed. The students can also apply for Re-correction/Revaluation if they are not satisfied with the results and students can apply for photocopy of their answer scripts on payment of stipulated fee to the University. Even after revaluation, if students found dissatisfactory then students can apply for Challenge Evaluation.

The Parent-Teacher Meeting is a regular phenomenon in the Institution once in a Semester. Usually, such meetings are held after the publication of Mid examinations and parents interact with all the faculty during the meeting to find out the reasons for getting low marks, if any, by their ward in the examinations. If there is any marked discrepancy between the class performance and performance in the examinations, the HoD and the faculty identify such cases and find out the reasons for low performance in the examinations of such students. If the reason for such discrepancy is purely academic, the teachers try whole-heartedly to provide the students with a broader understanding of the subject of their study by discussing the topics taught in the classes again to balance the performance of the students in the class as well as in the examinations.

File Description	Document
Any additional information	View Document

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

Response:

The Institution is affiliated to JNTUH, Hyderabad and follows the Academic Calendar as prescribed by the University. Apart from the University Academic Calendar, after receiving the academic calendar from affiliated university, the Institution academic committee prepares the institute Academic Calendar in accordance with the University Academic Calendar. Based on the Institution's Academic Calendar, Departments prepare their own Academic Calendar showcasing events planned by individual department during the Semester viz. industrial visits, guest lectures, seminars/workshops/conferences etc. It has regular procedures to plan and organize curricular, co-curricular and extra-curricular activities by the Department concerned. Dates proposed by University for commencement and conclusion of semester, mid exams, end-semester exams and Institutional events are reflected in the Institution's calendar and will be followed strictly.

The Academic Committee (AC) and Departmental Advisory Committee (DAC) will discuss and plan various academic, co-curricular, extra-curricular and other social activities in accordance with the University Calendar. All these activities are included in the Academic Calendars of the Departments, thus

the advance planning of the events are enabling the delivery of vigorous teaching plan.

As per the AICTE guidelines, the Institute organizes the induction programme before start the class works for the First year UG students. Regular classes start only after the induction programme is ended. Induction Programme is to facilitate new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self-exploration.

Internal examinations are conducted by all the Departments on the dates planned in the Academic Calendar of the University. Results of internal assessment are declared and communicated to students within a scheduled time. Every department conducts project progress review and seminar presentations as per the standard procedures set by each Department according to Academic Calendar of the Departments. This is the part of internal evaluation adopted by the Institution. Thus, the Institution adheres to the Academic Calendar for conduct of CIE and all other activities during the semester.

File Description	Document
Any additional information	View Document

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 on website and communicated to teachers and students

Response:

All the programs offered by the Institution have well defined their own Program Educational Objectives (PEOs), Program Specific Outcomes (PSOs) and all the programs are following common Program outcomes (POs) which are fixed and given by the NBA, Course Outcomes (COs) are Defined by the course handling faculty. Teachers are conversant with PEOs, PSOs and POs of the programs as they are involved in PO - PSO formation process. Head of the Departments, Senior Professors and teachers are discuss and frame PEOs and PSOs of the programs which are in line with respective programme Vision & Mission.

The Course Outcomes were framed as per the syllabus prescribed by the Affiliated University while framing the Course Outcomes Bloom's Taxonomy (modified) has been taken into consideration. Around 6 Course Outcomes were prepared for each course.

The Course Outcomes are mapped to the Program Outcomes and Program Specific Outcomes. Each Course Outcome is correlated to all/some of the Program Outcomes and Program Specific Outcomes. The correlation levels on a scale of 1to3 are given for the mapped items. These correlation levels are determined by the subject experts in the Department.

Based on the CO-PO Matrix, the correlation level of each course with all the Program Outcomes and

Program Specific Outcomes are determined. The course correlation level with a particular Program Outcome is obtained by calculating the average value of correlation levels of CO-1 to CO-N with the Program Outcome.

The holistic development of the students from all perspectives has to be taken into consideration while measuring the learning outcomes. Every course teacher discusses expected course outcomes with students at the beginning of course in each semester. PEOs, POs, PSOs and COs are mandatory part of course file prepared by course teacher. POs and PSOs are displayed for teachers and students at following prominent locations; Institution Website, HOD cabins, Notice Boards, Department laboratories and Department Library etc., and intimated to the students in the class rooms.

Course hand book:

The course handbook for every program includes Vision-Mission, PEOs, POs, PSOs of the Program offered by the department and COs of various courses of the Curriculum

Course Files:

All the faculty members will prepare their own course file for each semester that catalog the Vision-Mission of Institution and Department, PEOs, POs, PSOs and COs.

Library:

Institute's central library maintains the POs, PSOs and COs of all programs for easy access to students and faculty through the syllabus books of various programs.

Lab Manual:

Vision-Mission of Institution and Department, PEOs, POs, PSOs and COs of specific lab course are printed on lab manuals and issued to all students at the beginning of every semester.

File Description	Document
COs for all courses (exemplars from Glossary)	View Document
Any additional information	View Document

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

Method of measuring attainment of POs, PSOs and Cos

The effectiveness of the course outcomes have been justified with the help of Performances made by the student in Internal Assessment and End Semester University examination. The Internal Assessment includes Assessment Examination and Assignments. The end semester examination will be conducted by the affiliated university.

PO attainment measuring value is calculated by considering with 80% weightage of Direct Assessment and 20% weightage of Indirect Assessment

Direct Assessment:

The assessment criteria for the theory courses of all semesters/years:

For Mid Exams, Assignments and University Exams:

- 1.If at least 70% of attempted students surpass the specified threshold value then the corresponding attainment level achieved is **3**.
- 2.If 60%-69% of attempted students surpass the specified threshold value then the corresponding attainment level achieved is **2**.
- 3.If 50%-59% of attempted students surpass the specified threshold value then the corresponding attainment level achieved is **1**.
- 4.If less than 50% of attempted students surpass the specified threshold value then the corresponding attainment level achieved is **0**.

Laboratory

- 1.Day to Day Evaluation: Based on the rubrics, day to day evaluation has been calculated for the students

for the concerned laboratories in each semester and concerned average of rubrics of each student of each experiment has been taken into consideration for calculating the assessment.

- 1.Internal lab examination: Internal examination will be conducted for 10 marks. It is expected that a student should score at least 6 marks (60%) out of 10 marks for the attainment of that course outcome.
- 2.External lab exam Evaluation: External examination will be conducted for 50 marks. It is expected that a student should score at least 20 marks (40%) out of 50 marks for the attainment of that course outcome.

Assessment of Course Outcomes:

The final course outcome attainment level of a particular course outcome is calculated by giving 40% weightage to internal examination assessment and 60% weightage to end semester university examination.

Assessment of Program Outcomes:

The final program outcome attainment level of a particular program outcome is calculated by considering mapping matrix of CO-PO's and calculating the average of the corresponding mapped CO attainment values of each PO.

Project Evaluation:**Major Project**

Review Evaluation for major project: 5 reviews has been conducted and evaluated as per the rubrics for major project for 4th year students. Average of rubrics of each student for each review has been calculated and 60 percent threshold used for external viva voice was considered for calculating the assessment.

Mini Project&Comprehensive Viva:

The final course outcome attainment level of a particular course outcome is calculated by giving 100% weightage to External viva voice assessment.

Technical Seminar

The final course outcome attainment level of a particular course outcome is calculated by giving 100% weightage to internal assessment based on rubrics.

Indirect Assessment:

The indirect assessment is calculated based on the following surveys:

1. Student program exit survey (Graduate exit survey)
2. Alumni Survey
3. Employer survey
4. Parent Survey

File Description	Document
Any additional information	View Document

2.6.3 Average pass percentage of Students

Response: 80.21

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 389

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

Response: 485

File Description	Document
Institutional data in prescribed format	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response:

NAAC

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)

Response: 0

3.1.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description

Document

List of project and grant details

[View Document](#)

3.1.2 Percentage of teachers recognised as research guides at present

Response: 3.01

3.1.2.1 Number of teachers recognised as research guides

Response: 5

3.1.3 Number of research projects per teacher funded, by government and non-government agencies, during the last five year

Response: 0.06

3.1.3.1 Number of research projects funded by government and non-government agencies during the last five years

Response: 5

3.1.3.2 Number of full time teachers worked in the institution during the last 5 years

Response: 407

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

The institution has facilities for research programs with well equipped Research laboratories, Incubation center, Robotics center, e-journals, experienced and senior faculty who plays an encouraging and steady role in promoting an ecosystem for innovation among the fraternity of the teaching staff and students. This spirit of innovation encompasses various outreach programs for creation and transfer of knowledge.

Institution has set up Incubation center in association with Digital lynk and H-BOT Industries under Entrepreneur Development cell to broaden scope of research activities and to promote Entrepreneurship through industry and institute interactions. Incubation cell of institution is well equipped with Computers, Internet, Printers, Projectors and LCD screens and hi end equipment and development boards etc, stake holders for Designing and developing high performance Circuits and Systems catering to hardware industry. Institute Incubation center have ample scope for Industry and for product development skills.

The Institute is organizing workshops, seminars, guest lecturers for the students to enhance the learning process in their respective areas with the eminent personalities from the Industry and R&D organizations.

The Institution regularly conducts the conferences & technical symposia etc., for the benefit of both students and faculty members to enhance their knowledge for carrying out the research. The faculty members are encouraged to share their technical exposure / specialized knowledge with other faculty members at regular intervals through discussions. Faculty members are constantly motivated to acquire higher qualifications and actively involved in research work and good numbers of papers are being published in national and international journals. Faculty members are encouraged to attend seminars, conferences, workshops and short- term courses. Sufficient freedom is allowed to the staff for innovation and reforms in the teaching and learning process. The institute encourages the faculty to carryout fund supported research from various funding agencies. The institute has done collaborations with industries for sharing research facilities which facilitate the students for their activities.

EDC of NNRG provides platform for students to become Entrepreneurs and encourages them to become employers than job seekers. Institution has organized various motivational activities to inculcate Entrepreneurial culture in the institution. It focuses on awareness on creativity, innovation and nurtures Entrepreneurial ideas in students. Innovative ideas of students are implemented in incubation center to convert ideas into working products for the benefit of students, industry and to the society. Incubation center provides technical support to incubate and encourages them to become entrepreneurs. Innovative ideas are incubated, faculty and experts help is provided in developing prototype working models. Guest lectures on Entrepreneurship are being organized regularly and entrepreneurship camps arranged. The institution organizes industrial visits for the students of all programs to interact with the industry to enable them to carry out a practical exposure Innovative project are developed through the incubation center.

The Institute provides a substantial budget for in-house Research &Development activities. Inculcating research in the minds of the student is the main motive of the institution.

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years**Response:** 122**3.2.2.1 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
30	25	15	33	19

File Description**Document**

List of workshops/seminars during the last 5 years

[View Document](#)**3.3 Research Publications and Awards****3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research****Response:** Yes**File Description****Document**

Institutional data in prescribed format

[View Document](#)

Any additional information

[View Document](#)**3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards**

Response: Yes

File Description	Document
e- copies of the letters of awards	View Document

3.3.3 Number of Ph.D.s awarded per teacher during the last five years**Response:** 3.5

3.3.3.1 How many Ph.Ds awarded within last five years

Response: 7

3.3.3.2 Number of teachers recognized as guides during the last five years

Response: 2

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document

3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years**Response:** 0.31

3.3.4.1 Number of research papers in the Journals notified on UGC website during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
23	8	14	8	7

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document
Any additional information	View Document

3.3.5 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years**Response:** 3.1

3.3.5.1 Total number of books and chapters in edited volumes / books published, and papers in

national/international conference-proceedings year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
245	180	75	87	21

File Description	Document
List books and chapters in edited volumes / books published	View Document
Any additional information	View Document

3.4 Extension Activities

3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Response:

The institution is very perceptive to the impact of various extension activities on its students, employees, as well as on the regional community and on the environment. The Institution believes in giving back what it has gained from the communities in which we live, work and play. The Institution considers the impact of all extension activities on the local community and hence the various social and technical activities and programs are very much reflects our commitment to operate in a techno-social responsible manner.

The Institution has NSS Unit approved by JNTUH, The main objective of the NSS is to create awareness among the villagers and to counsel them on food consciousness and healthy living habits, creating awareness on education and educating them on environment protection and Clean and green activities.

The Institution is frequently arranges under the auspices of NSS several programs like: frequent eye check up and health camps which gives an momentum on how to keep their eyes and health hale and hearty; organizing various awareness camps for the students and also for the nearby villagers to create awareness regarding road safety, pollution, Hazards of Plastic Use, Voters' pledge program to create awareness about the voter's rights and responsibilities etc. students participated and performed the task of cleaning the village to make it plastic free; and planted about 100 samplings on the both sides of the road leading to the PRATAPA SINGARAM village.

The student of the Institution conducts field research on standards of nutritional intake among the slum dwellers, their rate of school dropouts and perceptions on health and hygiene of girl child and women. Bring awareness among the villagers about how to fight back epidemic diseases like dengue and chikangunia. Several outreach programmes have been conducted focusing on Women Empowerment, Financial Literacy and **Gender issues**. The women of the neighboring villages were educated on the usage of computer and banking procedures. Personal hygiene, antenatal care, thyroid, significance of breast feeding, awareness on prevention of breast cancer and remedies to overcome menopausal issues were some highlights. These activities sensitized the students on various vital issues existent in our community.

Around 200 students participated in the above outreach activities

The Institution has adopted a village for digital literacy program for villagers and the villagers have learnt how to make digital transactions. The Institution under the auspices of NSS Unit is organizing voluntary programs like donating the clothes, food grains to the needy people during the time of natural calamities like floods. Extensive support from the students is witnessed during plantation, Health camps etc. The institution has taken initiative to bring awareness in the society on the social and health problems like dowry system, environment protection, consumer protection awareness, anti corruption, HIV, anti tobacco and cleanliness etc.

The students of NNRG get exposed to the social and economic problems of less privileged section of the society in the neighborhood community through the extension activities conducted by the NSS Unit. These activities lead to the holistic development of the Institution.

3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

Response: 28

3.4.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1	4	7	10	6

File Description

Document

Number of awards for extension activities in last 5 years

[View Document](#)

3.4.3 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years

Response: 48

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
14	12	12	6	4

File Description	Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	View Document
Any additional information	View Document

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 52.39

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1376	946	923	640	405

File Description	Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document
Any additional information	View Document

3.5 Collaboration

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Response: 110

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
24	26	21	16	23

File Description	Document
Number of Collaborative activities for research, faculty etc	View Document
Any additional information	View Document

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 67

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

2018-19	2017-18	2016-17	2015-16	2014-15
20	14	10	12	11

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.

Response:

The Institution has a sprawling area of 12 acres with a built up area of about 3 lakh Sq.ft. with spacious structure. The Campus is located in a serene and lush green environment with abundant trees and plants with excellent ambience to uphold peaceful atmosphere to impart higher education.

The following Facilities are available in the Institution:

- Each class room is structured with good ventilation and electrical fixtures. The class rooms are provided with LCD Projectors, audio system and ICT facilities for delivering the effective lectures.
- State-of-art Laboratories as per the norms of the Affiliated University and AICTE with sophisticated Equipment.
- Engineering Workshops with latest machinery required for the subjects.
- 7 Departmental seminar halls , one central seminar hall, one board room, one Conference hall equipped with Audio Visual facilities, ICT facilities to facilitate the conduct of meetings, seminars, workshops and conferences.
- Tutorial Rooms with adequate furniture.
- Incubation Centre and Robotics Lab to carry out the Research and Development activities for the faculty and students who involve in research activities in cutting edge disciplines.
- Separate Cell is provided to all the Departments for R&D activities.
- Centralized Digital Library with web based resources, audio/video materials with latest software for efficient functioning with 300 seating capacity; e-books, e journals, DELNET facility; good collection of books, National & International Journals to carry out the research; Separate reading room for the library users.
- 100 mbps broadband connectivity and 25 controlled Wi-Fi access points and optical fiber Connected network for campus-wide internet access
- Two language labs with 90 computers and accessories to enhance the language skills of the students
- Computer Labs with NPTEL Facilities, internet with Wi-Fi facility
- Separate wing for Examination Branch.
- Computers (750) connected with LAN and internet
- Separate administrative offices with individual cabins for every non-teaching staff
- Department staff rooms with computers, printers and other accessories
- Yoga and Meditation Centre
- Placement & Training Cell with adequate infrastructure to conduct interviews, activities and seminars etc
- Separate Ladies Rest rooms equip with incinerator.
- Lift facility, ramps and wheel chairs are available for the benefit of challenged students.
- Stationery stores, Xerox facility within the campus for the immediate needs of the students.
- Clinical Dispensary with qualified Doctor and full time Nurse to cater to the emergencies of students and staff.

- Canteen facility with quality and hygienic food serving the needs of students and faculty.
- ATM facility
- Purified Drinking water coolers in every floor.
- 125 KVA Generator facility.

The Institution maintains a policy to create and enhance infrastructure of the Institution to impart effective teaching and learning process. To provide sufficient, effective academic and supporting space for effective teaching and learning, the feedback from the stakeholders help the institution to enhance the need based infrastructure facilities.

4.1.2 The institution has adequate facilities for sports, games (indoor, outdoor), gymnasium, yoga centre etc., and cultural activities

Response:

The Institution promotes Sports, Games and various cultural activities and offers the individual an opportunity for all-round development by enhancing self-knowledge, expression, personal development, courage and social interaction.

Sports & Games:

To develop team spirit, leadership qualities and organizing abilities among the students, Sports & Games meets are organized regularly in the Institution. Students of all departments participate and prove their talents. Full time qualified Physical Directors and trainers were appointed to look after the day-to-day games and sports activities of the Institution. Students are encouraged to participate in inter college competitions. The sprawling playing area is provided for outdoor games and a separate indoor sports room is provided with adequate seating arrangements and material to play the indoor games.

The following sports facilities and material are provided for conducting Sports & Games events.

- One Football field(80X94 Sq.Mtrs)
- one cricket ground with matting and pitch for net practice(108x108 Sq.Mtrs) (54mtrs radius)
- Kho-Kho court (27X16 Sq.Mtrs)
- 2 Kabaddi court(22X18 Sq.Mtrs)
- 2 basket ball courts with gallery (42X34Sq.Mtrs) (each 28X15 Sq.Mtrs)
- badminton courts(13.40x6.10 Sq.Mtrs)
- 2 volley ball courts (35x27 Sq.Mtrs) (each 18X9 Sq.Mtrs)
- Tennikoit court(12.20x5.50 Sq.Mtrs)
- Throw ball court(12.20x18.3 Sq.Mtrs)
- a gym
- Athletics facilities like long jump(11x60 Sq.Mtrs),high jump,Javeline through,shot put through,discuss through,Hurdles,weight machine,stadio meter.
- Besides, the institute has facilities for an indoor game like caroms, table tennis and chess etc., yoga is available in engineering block.

Cultural Activities:

Apart from the Sports and games, Cultural Activities, Yoga & Meditation are also taking part in the Institution to create a balanced atmosphere of academic, cultural and sports activities for the overall personality development of its students. The institute has auditorium and halls besides two open-air stages. There is a positive environment for Cultural activities in the Campus. Students are constantly encouraged to participate in various cultural activities. Students interested in fine arts and cultural events are trained and encouraged to take part in intra and inter collegiate competitions. The Arts & Cultural Activities Committee members are entrusted with the responsibility of training and ensuring student-participation in competitions. Professional trainers are arranged by The Arts & Cultural Activities Committee for training the students. The Arts & Cultural Activities Committee of the Institution organizes various activities and events that thoroughly facilitate the overall personality development of the students viz.

Yoga & Meditation

The students and the faculty members are given orientation about the importance of **YOGA & Meditation** in reducing stress, improving concentration and physical fitness. Special Yoga Camps are organized for faculty, staff, Boys and Girls separately.

Gymnasium

The Gym is helpful to the students when they involve in physical hard work to improve their frame of mind and attitude. Students are motivated by fitness and wellness which is apt to have better time management skills. It makes them to be fit and provides them sound mind.

File Description	Document
Any additional information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc

Response: 86.44

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 51

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.**Response:** 97.58

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
420	410	440	360	250

File Description	Document
Details of budget allocation, excluding salary during the last five years	View Document

4.2 Library as a Learning Resource**4.2.1 Library is automated using Integrated Library Management System (ILMS)****Response:**

The Library is an essential part of the academic control of our Institute. The Library has an area of 1159 Sq. Mtrs. and seating capacity for about 200 readers. The facility is serving the student fraternity ranging from under graduate to masters and ultimately aiding the research activities in NNRG. The library houses 4800 titles, 26,320 Volumes of books.

Library is automated with Integrated Library Management Software with the modules for Bibliographic Control, Circulation Management, Report Generation Module, customization of Digital library with D Space software, Systematic Mapping of Internet Learning E-resources (SMILES), Web-Online Public Access Catalogue System (OPAC), Library automation: KOHA library management software. Federated searching tools to search articles in multiple databases; Institutional Repository: NPTEL, e-LSDM, etc.,

Digital library services unit has 32 advanced computers with a high-speed internet connection. Students can access digital content in the computing facility available in the library. E-Resources Packages such as online IEEE Journals are subscribed. The Library is a member through subscription for developing library net works (DELNET) for browsing e journals and books.

The Library aims at providing premium quality learning resources in the form of Books, Journals, E-Journals and CDs pertinent to Curricula of diverse Engineering, Science and Technology and of general nature to the students and teaching staff. It has a collection of about back volumes, project reports, and previous question papers.

File Description	Document
Any additional information	View Document

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

Response:

The Institution has the practice of collecting and maintaining rare books, manuscripts, and special reports or any other knowledge resources to benefit students and faculty for their knowledge enhancement, research and exploring new things apart from the standard books. Details of collection of some of the rare books, manuscripts, competitive examinations books such as IELTS, GATE, G-PAT, GRE, Pharmacopoeia etc., Also, the librarian places orders for all required books as per the needs of the curriculum. Every year, it is a common feature for the college library to conduct a book exhibition by inviting various prominent publishers.

4.2.3 Does the institution have the following:

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: B. Any 3 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc	View Document

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

Response: 13.59

4.2.4.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
19.04	14.64	14.54	11.58	8.16

File Description

Document

Details of annual expenditure for purchase of books and journals during the last five years

[View Document](#)

4.2.5 Availability of remote access to e-resources of the library

Response: Yes

4.2.6 Percentage per day usage of library by teachers and students

Response: 11.57

4.2.6.1 Average number of teachers and students using library per day over last one year

Response: 225

File Description

Document

Any additional information

[View Document](#)

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

NNRG has a realistic approach to make and improve IT facilities to advance vertical and flat portability for advancement in showing learning techniques and furthermore in Research. The institute updates the IT facilities all the time. The availability through a completely network accessible in the campus with updated IT framework, computing and correspondence assets, offering understudies' facilities of email, netsurfing, up/down stacking of web based and electronic applications, other than helping them in planning for tasks and classes. NNRG has State-of-the-Art labs with sophisticated servers, providing highly interactive learning environment with full-fledged hardware and software training facilities.

All Labs and Central Computing facilities are associated with LAN and Internet is given to all

Computer centers. Single system over the grounds and access to web/intranet assets under uniform system

approach are additionally made accessible. 90 mbps Internet Bandwidth from various ISP's masterminded to keep up excess and bother free web availability. Campus is Wi-Fi empowered with high throughput indoor and outdoor Wi-Fi access points.

The institute has a day in and day out Wi-Fi facility for understudies and employees can benefit web access in the campus. Institute incorporates antivirus, web channel, and email channel. Understudies and employees are given access to electronic databases which causes them to utilize e-learning resources.

All Classrooms are equipped with LCD Projectors, Audio Visual equipment and Internet with Wi-Fi facility. Smart closed circuit camera`s surveillance is in place all through the campus.

Bio-Metric machines used over the intranet for employees and PG students attendance recording, connected to server at hub location. Up gradation arrangements on a regular basis are incorporated into yearly spending plan.

Computers are gradually increased with high configurations year after year. Obsolete configurations of systems were replaced with latest configurations as per university syllabus. Majority of Pentium systems were replaced with Core2 Duo in the year 2014-15, during the academic year 2016 -17 systems are upgraded to i3-processor and further again upgraded to i5 & i7 processor during the academic year 2017-18.

All Labs and Central Computing facilities are connected to LAN. Internet bandwidth gradually increased from 30 mbps to 90 mbps from BSNL, GTPL Broad Band Pvt Ltd and City Online service providers during the last 5 years. Wi-Fi access points are also updated from time to time with regular intervals as and when required. LCD Projectors and LCD screens are provided gradually in all the class rooms as part of ICT Facilities. Sufficient number of Printers and Scanners are available in the campus and the number is increased year after year as per the requirement. Licensed and open source software is available in all departments depending on requirement, which are upgraded to meet the standards as provided in the syllabus.

4.3.2 Student - Computer ratio

Response: 2.66

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

>=50 MBPS

35-50 MBPS

20-35 MBPS

5-20 MBPS

Response: >=50 MBPS

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture

Capturing System (LCS)**Response:** Yes

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document

4.4 Maintenance of Campus Infrastructure**4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years****Response:** 34.65

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
145.70	137.21	127.22	123.89	115.55

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.**Response:**

The Institution has appointed staff for maintaining facilities such as Buildings, Transport, Electrical, Housekeeping, Garden etc. Regular cleaning of College floors, classrooms, laboratories, equipment, and restrooms are being done by the housekeeping team under the supervision of a floor in-charge. Stock verification and up-keeping of the equipment in all labs and other facilities is done at the end of every year by IQAC and the report is submitted to the Director for further action.

Maintenance of Laboratory Equipment

Periodical check-up of equipment is carried out as per schedule by the lab in-charges. In addition, maintenance is being done regularly and respective registers are maintained in the laboratories.

As per the requirement, minor repairs are carried out by the lab in-charges or faculty member in-charge of

the particular lab. Major repairs for Laboratory Equipment will be carried out following the following procedures:

1. The service request is forwarded to the Director through Lab-in-Charge and HoD
2. After approval, Quotation for service is called for and the recommended service provider is identified and forwarded to the Director for approval.
3. After approval, the service is carried out in the presence of Lab-in-Charge
4. After service, the work completion statement and bills are submitted to the Accounts Department, through proper channel for payment.

Maintenance of Computers

Maintenance of computers is taken care by the System Administrators. Installation of antivirus and firewall ensure that the software and system are secured. A weekly status will be checked on the hardware and software condition of the computers is undertaken and the same is noted in a register. Breakdown maintenance wherein the system fails due to SMPS problem or boot failure is recorded in a register. If the problem is minor, the System Administrators of the Computer Labs will rectify the problem. For major failures, support from the dealer is taken with the permission of the Head of the Institution. Periodic maintenance is done by regular cleaning of the lab spaces, software updates, and antivirus updates etc.

Library Maintenance

Library maintenance continuously involves monitoring and verification of the bundles, displaying of new material on the display racks and arrangement of the books on the racks etc. will be done by the Library Assistants. Also, the book materials are cleaned at periodic intervals to reduce the damage caused by dust, insects and pest invasion.

Sports Infrastructure Maintenance

Indoor and outdoor sports infrastructure facilities are properly maintained by the Physical Directors throughout the year. Playgrounds, sports materials, and other field and gym equipment are also maintained by them regularly.

Maintenance of Power and water supply

Regular check up and maintenance will be carried out by the Supervisors for providing fresh and filtered water to the entire institution. Electrician is responsible to carry out the supply and maintenance of Electricity to the campus.

Most of the maintenance work is completed during summer break and a close monitoring of maintenance activities is a prime responsibility of all the Heads of Departments and the In-charges of various facilities.

NAAC

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Response: 69.54

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1231	1107	1104	1124	1044

File Description	Document
Upload self attested letter with the list of students sanctioned scholarships	View Document
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	View Document
Any additional information	View Document

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 12.98

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
415	369	37	103	139

File Description	Document
Any additional information	View Document

5.1.3 Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling
3. Soft skill development
4. Remedial coaching
5. Language lab
6. Bridge courses
7. Yoga and meditation
8. Personal Counselling

A. 7 or more of the above

B. Any 6 of the above

C. Any 5 of the above

D. Any 4 of the above

Response: A. 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	View Document

5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 47.68

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1014	443	909	848	662

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document
Any additional information	View Document

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during

the last five years**Response:** 12.86**5.1.5.1 Number of students attending VET year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
262	280	215	187	100

File Description	Document
Details of the students benefitted by VET	View Document
Any additional information	View Document

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases**Response:** Yes

File Description	Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression**5.2.1 Average percentage of placement of outgoing students during the last five years****Response:** 41.81**5.2.1.1 Number of outgoing students placed year-wise during the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
271	33	187	164	180

File Description	Document
Details of student placement during the last five years	View Document
Any additional information	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Response: 38.62

5.2.2.1 Number of outgoing students progressing to higher education

Response: 190

File Description	Document
Details of student progression to higher education	View Document
Any additional information	View Document

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 100

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil services/ State government examinations) year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
42	27	85	49	45

5.2.3.2 Number of students who have appeared for the exams year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
42	27	85	49	45

File Description	Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document
Any additional information	View Document

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) during the last five years.

Response: 22

5.3.1.1 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-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
11	8	1	1	1

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document
Any additional information	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

The NNRG Student Council representatives shall actively involve in various academic, co-curricular and administrative activities. Departments have a Student Council Representative for each Section who associates with various student activities being conducted in the Institution in general and their Department in particular. The student council representative plays a vital role in departmental activities such as organizing symposiums, seminars, conferences, and workshops etc. The student council members shall encourage all the students of various sections to actively involve in bringing out the Institution Magazine "REFLECTIONS" by contributing their academic, cultural, and other artistic skills for incorporating in the Magazine.

Technical symposia are completely planned and conducted by the students under the supervision of

faculty. Every fortnight ELIGHT GATHERING shall be organized in the Institution wherein the student council representatives play a vital role in gathering all the students to enable the students to address the students and staff on various topics, which would enhance the leadership qualities among the students.

Students are actively involved as Cultural and Sports Coordinators. The NSS unit at NNRG is functioning effectively and students shall actively participate in various programs conducted by the NSS. By participating in these social activities there is a remarkable change in the outlook of the students and their attitude towards life and society.

The NCC Unit is established in the Institution with an aim to develop character, comradeship, discipline, leadership, secular outlook, the spirit of adventure, and the ideals of selfless service amongst the cadets. Students' chapters of various Professional Bodies like IET, IEEE, and ISTE etc. are actively taken forward by the students.

The Institution believes in providing opportunities for the students in order to inculcate organizational abilities and leadership qualities among the students

The students' representatives also actively involved in various clubs, committees, academic and administrative committees and are playing active roles for their smooth functioning.

Academic & Administrative Committees:

- IQAC
- Class Representative
- Library Committee.
- Anti ragging committee.
- Student counseling and Grievance redressal Committee.
- Disciplinary committee.
- NSS committee.
- Sports committee.
- Arts/cultural/literary hobby club committee.

CLUBS:

- E plus club.
- Photography.
- Literary club.
- Yoga & Meditation Club.
- Hobby Club.

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year**Response:** 43.2

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
57	42	43	41	33

File Description	Document
Number of sports and cultural activities / competitions organised per year	View Document
Any additional information	View Document

5.4 Alumni Engagement**5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years****Response:**

The Alumni Association of NNRG Institution is a registered Association. The institute has a well networked alumni association spread over various parts of the world. The institution has alumni portal in its Website to collaborate with the alumni. The institution collaborates with the alumni by arranging alumni meets every year. All departments have an alumni faculty coordinator who keeps record of the alumni and communicates with them through e-mail. The members of Alumni Association regularly interact with the Director, Deans, IQAC, HODs, Faculty and TPO regarding the need of the Institution and their expectations from alumni. The members of the institution administration and the senior faculty of all the departments participate in the annual or semi-annual alumni meetings on invitation and seek their advice and support for the development of the Institution. The Departments seek the opinion / suggestions of alumni on various developmental Activities by sending mails to them and requesting them to fill the form supplied in this regard.

One of the objectives of the association is to develop a mutually supportive relationship with alumni and to encourage lifelong learning and continued growth of the alumni and at the same time provide opportunities to contribute in their own way to their Alma mater. The objectives are to:

- Enhance employment and internship opportunities and help current students receive mentoring
- Support from the Alumni; encourage, Motivate and educate course pursuing students through Guest Seminars/Workshops.
- Generate funds to support social causes such as Educational sponsoring and create Environmental

awareness, Upkeep and uplift the reputation of the Institution and its fraternity.

The association has helped in Air conditioning CIVIL engineering seminar hall; the alumni chapter organizes special programmes and classes for students to improve their skills.

5.4.2 Alumni contribution during the last five years(INR in Lakhs)

? 5 Lakhs

4 Lakhs - 5 Lakhs

3 Lakhs - 4 Lakhs

1 Lakh - 3 Lakhs

Response: 1 Lakh - 3 Lakhs

File Description	Document
Alumni association audited statements	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Response: 7

5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
1	1	1	3	1

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution

Response:

Governance:

The Nalla Narasimha Reddy Education Society's Group of Institution is an integrated campus established in the year 2009 by an eminent philanthropist Sri Nalla Narasimha Reddy under the auspices of Nalla Narasimha Reddy Education Society, with a strong vision to ensure globally competent and ethically strong professionals by imparting quality education to the younger generations. The Governance of the Institution is strictly in accordance with the Vision and Mission of the Institution. The major decisions which have a bearing on the functions and the goals of the institute are done by the Governing Body.

The Institution is headed by the Director. The Director is the head of both the academic and administrative bodies and performs his roles with the assistance of the Deans & HoDs. HoDs will execute the decisions and policies discussed in the meetings with the Head of Institution.

The Institute has the following perspectives to ensure effective planning in tune with the Vision and Mission of the Institution.

The policies and action plans: The management and director actively participate in Governing body for ensuring that the policies and action plans are aligned for attaining the mission of institute disseminates the vision and mission to all stake holders and involve them in forming the policy statements.

The Director, Deans and HODs and makes action plans in discussion with faculty members to review of outcomes from the implementation of action plans through meetings with functional committees and makes necessary changes in action plans if required. The management takes review of quality policies and makes amendments in quality policies if required.

Formulation of action plans: The action plans are formulated in line with quality policy under the leadership of the Director and the same are incorporated into strategic plans for effective implementation. All the planning and execution is monitored regularly. The action plans helps to streamline various processes like evaluating methodologies of the teaching-learning process, research progress, infrastructure facilities etc.

Interaction with stakeholders for proper support and planning: The requirements of the industry for policy making and planning are collected through interaction with various stakeholders. The director, Deans and HODs ensure that all stakeholders are involved in different activities.

Participation of teachers in the decision-making bodies:

Faculty members have their representation in administrative and academic bodies like Governing Body and Academic Council. Besides, all committees constituted by the Director as mandated by different authorities

have teacher-representatives to foster collaborative administration. A few of the committees are students' grievance redressal committee, anti-ragging committee, prevention of sexual harassment and eradication cell committee, staff grievance redressal committee and students' discipline committee. To provide further impulsion to collaborative decision-making, faculty members are nominated to the various administrative positions.

6.1.2 The institution practices decentralization and participative management

Response:

The institution defines the decentralization in working through delegation of authority. Personnel at different levels implement the decisions. The delegation of authority can be organized in the form of various levels.

The Institution has the culture of following decentralized governance system with well-defined inter-relationships. Institution delegates adequate and systematized authority to the departments to work towards decentralized governance system. There are various committees involving faculty which are constituted to manage different institutional activities. Committees are formed for the various curricular, co-curricular and extracurricular activities to be conducted during the academic year. The departments are encouraged to arrange various activities with the support of Management for the benefit of Students and Faculty; also the Management shall extend enough financial powers to Head of the Institution to carry out the activities.

The Institution adopts a culture of decentralized governance and delegates the powers to the Departments, like:

- The Head of the Department has the authority in deciding the activities and delegating the responsibilities to the staff members of the department;
- The department decides on timetable, subject allocation, purchase of equipment and consumables, organizing guest lectures and workshops, recommend necessary industrial visits, implant trainings, MoUs and work to achieve its goals, vision and mission.
- Administration: Freedom to organize the administrative activities in accordance with the institutional policies.
- The HOD has leave sanctioning authority and autonomy on certain academic issues.

PARTICIPATIVE MANAGEMENT:

The Institution is keen on the teachers' involvement and participation for improvement of effectiveness and efficiency of the institutional teaching learning process. The Institute has always been in favor of participative management and promotes a culture of participative management in the Institution. The decisions and action plans suggested by teachers in various meetings like Director, Deans & HODs meeting and Departmental meetings are conveyed to the Management through the Director. The management ensures and render their approval on the opinions and suggestions made by faculty on implementing various action plans for the development of the Institution. The IQAC is involved in

developing a quality system for conscious, programmed action to improve the academic and administrative performance of the institute. IQAC meets at regular intervals and plays an important role in the implementation of its plans and policies. Entire functioning of institute activities is decentralized into various committees, with committee Conveners and committee members. Committee members consist of both students and staff demonstrating participative management. This process probes to the institutional practices for decentralization and participative management.

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

The Institution has various perspective/strategic plans for the holistic development of the Students. The common approach of the Management, Director, Deans, HoDs and Faculty is to develop and implement the quality policy and promote high standards of professional ethics, transparency and accountability in the Institution. In order to uphold the Mission and Vision of the Institution, the Governing Body of the Institution works in close collaboration with the Director and other academic heads to plan and implement various strategic plans to regulate and maintain an amicable and scholastic environment required for this purpose.

The institute has specific strategic plans which include:

- Getting autonomous status for the institution; permanent affiliation for the UG and PG programs by 2020-21.
- Strengthening the campus facilities,
- Improving the teaching-learning process,
- Enhance the output in research and consultancy.
- Enhance the industry institute collaborations.

- Standardizing the ICT based teaching-learning processes.
- Strengthen Industry-Institute interaction.
- R&D sponsored projects from funding agencies.
- Offering value added certificate programs.
- Organizing National/International Conferences.

All the above strategic plans are monitored by the IQAC that meets often and decide on academic quality control issues.

Apart from the above, the Institution's strategic plans critically examine the grooming of the students for

rewarding with excellent future by meeting various challenges. The major thrust of the strategic plan is to achieve standardized improvement in the quality of technical education, as the Institution imparts in line with the Vision and Mission of the institution. It also aims to meet the expectations from all the stakeholders' viz. Students, teachers, parents and employers.

to achieve improved levels of satisfaction.

After a detailed discussion with faculty and students, proposals for extension activities are prepared every year by all the departments for getting financial support from the management. The proposals are collected by the IQAC for scrutiny and are submitted to the director. After their review, the proposals are forwarded to the management, with their recommendation for financial support. With the sanction of the financial support by the management, the departments involving students and faculty execute the planned extension activity for serving the society. Following this, the departments submit statements of expenditure and detailed reports of the extension activities to the management through the IQAC and Director.

Perspective Plan for development:

- The Institution certainly has plans for its all round development and accordingly several perspective plans are designed viz. Improvement, up-gradation and refinement of the existing set up which is an unending process and the Institution will never lag behind this progression.
- The Institution has spacious campus which offers great potential for the development of further infrastructure. The institution is planning to build a hostel building on the campus shortly for boys. Many such ambitious projects can be taken up for implementation in the days to come.

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Response:

Nalla Narasimha Reddy Education Society's Group of Institutions has well established organizational structure to execute smooth functioning of administrative and academic processes. Various bodies are formulated which constitutes the organization chart. The Governing Body is the highest decision making body constituting members of the Management, nominated faculty members, Industrialists and University Nominee. The Governing Body of the college works in close cooperation with the Director to regulate and maintain a congenial and academic environment required for this purpose. The Director as the Head of the Institution along with the members of Teaching and Non-Teaching staff implements the decisions and policies of the Management.

ADMINISTRATIVE SET UP & DUTIES AND RESPONSIBILITIES:

DIRECTOR

- The Director is Responsible for overall administration and academic function of the institution in delivering the policies of the Management; as well as mandatory regulations and stipulations of the related statutory authorities.
- Institutions Responsible to implement and promote quality policies, improvements, systems, enforce implementation and adherence, monitor effectiveness, in teaching, learning, evaluation and support systems.

DEANS

- Assists the Director in all academic and administrative activities for overall development of the Institution.

Head of the Departments (HODs)

- Responsible for effective and systematic working of the Departments
- Encouraging and employing innovating teaching aids and methods
- Conducting internal evaluation of students as per stipulations
- Maintaining the laboratories, current curriculum and syllabus as per the needs of changing priorities and recommending for improvements for keeping side by side of the latest trends in knowledge and technology etc.,

Other members in the Department assist HOD in the efficient discharge of various academic activities.

Internal Quality Assurance Cell (IQAC)

- The IQAC Cell is constituted in the Institution to ensure maintenance of quality as per the standards enforced by various accrediting agencies like NBA & NAAC.
- The IQAC Cell prepares the plan of action at the beginning of the year, conduct mid-session reviews and the outcome achieved at the end of the year towards quality enhancement.
- The Cell is responsible to conduct periodic internal academic audits for reviewing the quality management system.
- Arrangement for feedback responses from alumni, parents and other stakeholders on quality-related processes of the Institute.

Committees

The committees are constituted at the beginning of the year and are assigned the tasks according to the institutional plans for the co- curricular and extra-curricular activities that enhance over all development of the students. For the smooth conduct of all administrative activities according to requirements of academic bodies, there are committees headed by senior faculty to guide the functions to the respective members.

Service Rules & Procedures:

Service rules leave rules, policies and procedures for the Institution are documented in the form of an

Administrative Manual. The Manual is circulated to the academic and administrative heads to ensure that the staff members are aware of the rules.

The Organization Structure, The Administrative Manual and various committee's functions and responsibilities are available in the institute website and the link is provided in given below link.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.2.3 Implementation of e-governance in areas of operation

1. Planning and Development
2. Administration
3. Finance and Accounts
4. Student Admission and Support
5. Examination

- A. All 5 of the above
- B. Any 4 of the above
- C. Any 3 of the above
- D. Any 2 of the above

Response: A. All 5 of the above

File Description	Document
Details of implementation of e-governance in areas of operation Planning and Development, Administration etc	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Response:

Various committees are constituted for the effective conduct of the academic and other activities. Meetings are conducted by the committees periodically and the minutes are recorded. There are about 22 committees working on various activities of the Institute with well-defined functions and responsibilities of the Institute.

The following various committees are constituted for effective functioning of the institute:

S.No	Name of the Committee/Cell
1	GOVERNING BODY
2	INTERNAL QUALITY ASSURANCE CELL (IQAC)
3	ACADEMIC COMMITTEE
4	EXAMINATIONS/TIME-TABLE/ADMISSIONS COMMITTEE
5	SEXUAL HARASSMENT AND ERRADICATION CELL
6	R&D CONSULTANCY & EXTERNAL FUNDED PROJECTS CELL
7	ANTI RAGGING COMMITTEE (ARC)
8	ENTREPRENEURSHIP AND INDUSTRY INSTITUTE INTERACTION CELL
9	SPORTS, NSS, NCC & CULTURAL ACTIVITIES COMMITTEE
10	FACULTY SELECTION COMMITTEE
11	RIGHT TO INFORMATION CELL
12	ELECTRICAL/ COMPUTER NETWORK MAINTENANCE COMMITTEE
13	FINANCE & PURCHASE COMMITTEE
14	WEBSITE/ICT/SELF OR E-LEARNING COMMITTEE

15	SECURITY COMMITTEE	
16	SOCIAL WELFARE (BC/SC/ST/EBC) CELL	
17	TRANSPORT COMMITTEE	
18	CENTRAL LIBRARY ADVISORY COMMITTEE	
19	ALUMNI COMMITTEE	
20	CAREER GUIDANCE, TRAINING & PLACEMENT CELL	
21	ARTS/CULTURAL/LITERARY & HOBBY CLUBS COMMITTEE	
22	HOUSE KEEPING, HYGIENE, SANITATION COMMITTEE	

The minutes of all the committies are provided in the additional information

File Description	Document
Any additional information	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching staff

Response:

The institution has the following welfare measures for teaching and non teaching staff

- Employees' Provident Fund is deposited along with the same contribution from Institution's side.
- Employees State Insurance (ESI) Medical Facility for all the eligible non-teaching staff.
- Free medical facility for common ailments.
- Transport facility from all the corners of the City for teaching and non-teaching staff on

concessional fare.

- Tuition fee waiver for the children of non-teaching staff studying in NNRG Institution.
- Group Life Insurance.
- Salary advances/festival advances for the needy staff.
- Loans for purchase of Laptops.
- Personal Loans are being arranged with Institution's guarantee.
- Uniform is being provided for Lab instructors, drivers, Lady Sweepers, attenders, and securities.
- Accident Insurance Policy for Drivers.
- ATM facility.
- Maternity leave: 6 Months maternity leave is provided to women employee after completing the probation period.
- Availability of Doctor: This facility is available for all staff and students. Doctor is available as and when required.
- Free yoga training to all the teaching and non-teaching staff
- Financial help for marriage of staff
- Duty Leave for faculty attending academic events.

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 31.76

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
127	76	43	24	18

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc during the last five years	View Document
Any additional information	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 14

6.3.3.1 Total number of professional development / administrative training programs organized by the

Institution for teaching and non teaching staff year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
16	16	17	14	7

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document
Any additional information	View Document

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years

Response: 49

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
141	138	134	23	17

File Description	Document
IQAC report summary	View Document
Details of teachers attending professional development programs during the last five years	View Document
Any additional information	View Document

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

A well-defined system for faculty appraisal is followed in the Institution. This may be an important process for both the institution and the faculty, as it enhances communication channels and thereby establishing a constructive dialogue between the appraisers and the appraised. IQAC initiated the performance appraisal system. This is done for all faculty of all departments of the institution and the non-teaching staff. The Performance Appraisal Forms shall evaluate the overall performance of the staff. The

Performance Appraisal forms submitted by the faculty/staff are evaluated by IQAC and finally by the Director on the following parameters.

- Periodical reports that correspond to the teaching and learning activities of the faculty and cater to the needs of all instructional and mentoring responsibilities as specified in the policies and procedures.
- Faculty participation in research activities which enhance professional development.
- Faculty assistance in the Department, Institution in various academic matters and committees etc.
- Teaching, learning and evaluation related performance (number of theory, practical and tutorial hours conducted against the load given).
- Co-curricular, extension and professional development related activities, Development related Activities.
- Research, publications and academic contributions like attending Conferences and presentation of research papers etc.
- Behavioral Aspects & Official conduct punctuality and obedience.

The performance of the non-teaching staff will be evaluated by the immediate officer of the concerned staff and counsels for serious setbacks.

This Performance Appraisal System shall reveal an opportunity for every faculty member to know their strengths and weaknesses. The accomplishment of this evaluation process is the development of the Institution along with self-growth of every faculty member. The feedback for each faculty, department wise is taken, formatted and sent to HoD with a copy to the Director. The HoD discusses this with the faculty and appreciates or counsels depending on their feedback. The Director along with the Deans, IQAC and the HoDs discuss about the performance issues and implement the corrective measures.

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

The NNRG Institution is maintaining a very transparent financial system as per the rules and regulations for the auditing purpose. The Institution has well defined processes for sanction of budget for the related expenditure being incurred every year. Accordingly, the expenses will be incurred in the Institution strictly in accordance with budget provided for the related heads of the account. After the delivery of any material/equipment proper stock entries will be made in the Departmental/Lab stock registers and along with the signature of the HoD, the bills/vouchers will be forwarded to the Head of the Institution. The Head of the institution verifies scrupulously the material received by the respective Departments and the Bills/vouchers and finally approves the bills for making the payment. All the bills and vouchers are first audited by the internal auditor on a regular basis. Proper records for all the expenses are maintained by the

accounts Department.

The accounts of the Institution are audited regularly as per the Government rules. In every financial year the Institution will conduct internal audit through Accounts Department staff before submitting the final records to the external Auditor. After verifying the records submitted by the Institution, an external Auditor appointed by our Educational Trust, will execute the statutory audit. Statutory financial audit is conducted in two sessions; one in the month of October/November for the period of April to September and second in the month of April/May for the period of October to March. Finalization of the account is completed in June/July and audited statements are prepared in June/July duly signed by the Chairman and Chartered Accountant. The external statutory Auditors shall visit the Institution for final vouching audit and submits the final Audit Report for the respective financial year.

The report of external Auditor along with Audited Balance Sheet and Income & Expenditure statements are placed in the Link provided.

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs)

Response: 12.26

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year-wise during the last five years (INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
5.29	4.09	0.94500	0.48500	1.45

File Description	Document
Details of Funds / Grants received from non-government bodies during the last five years	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

Strategies for Mobilization of Funds:

Term Loans and Hire Purchase Loans from Public sector Bank at a minimum rate of interest are availed by the Institution and this amount is utilized for the development of various non-recurring infrastructural facilities. The Institution is functioning under Nalla Narasimha Reddy Education Trust and the corpus funds of the Trust is also allocated to the Institution when need arises. The Institution utilizes optimally all the recurring expenses. Students' fee collection and the interest earned from the deposits are utilized for the development of the Institution and towards recurring expenses like salaries, electricity maintenance, vehicles, fuel, civil maintenance and other infrastructural maintenance.

Optimal Utilization of Resources:

The college has a well formulated financial policy which ensures effective and optimal utilization of finances for academic, administrative and development purpose which help ultimately in realizing the Institution's Vision and Mission. The Institution shall make the necessary allotment in the books of account towards efficient use of available fund for each academic year under various heads. As per the guidelines of the Management and the Director, a variation report is prepared regularly stating the differences, if any, in the sanctioned budget and actual expenditure met by the Institution. The Institution has a precise procedure to monitor effective and optimal utilization of available financial resources for infrastructure development and academic processes.

Every year, the budget is prepared well in advance after taking into consideration the requirements of every Department. Each Department prepares the budget based on the requirement such as equipment, computers, Lab consumables and other sundry expenses required for next academic session. The Director puts up the budget estimations of every Department in the Governing Body meeting and after elaborate discussion, necessary corrections/modifications will be carried out and finally the Chairman recommends the budget for approval by all the Governing Body Members. After getting the approval from the Governing Body, the Director, Deans and the Heads of Departments discuss the requirement and decide the priorities while allotting financial resources for various purposes; and also ensure optimum use of available financial resources. The Governing body members study the annual expenditure, scrutinize the budget and provide feedback for efficient and optimum use of financial resources. The Institute follows a standardized procedure for sanctioning of funds for various activities and outreach programmes.

The Management has given complete autonomy to the Director for organization of various co-curricular &

extracurricular activities, sponsoring of faculty & staff for various skill development programs, providing financial support for attending conferences, workshops, pursuance of higher education etc.

The Institution has constituted a separate Purchase Committee. For any requirement for equipment or other major items, requisition is submitted to the Director by the respective Head of the Departments. Quotations are invited and evaluated, comparative statements are prepared, suppliers are called for personal discussion and after comparing all aspects from various suppliers, orders are placed. The committee ensures that suitable equipment with right specification is procured at competitive and optimal prices.

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Response:

IQAC of the Institution is committed to enhance the quality in academic and administrative domains and meet the standards of institution. IQAC strategies are institutionalized for quality achievement, substances, and enhancement and so as to keep in pace with the expectations of stakeholders like students, industry and society. IQAC has mechanisms for ensuring implementation of all the policies, review and evaluation.

Most of the quality initiatives of the institute are suggested by the IQAC. These initiatives are:

- Curriculum Enrichment and implementation
- Research practice and Enhancement of quality publications
- Community engagement
- Quality of Teaching, learning and evaluation
- Best practices
- Organizing workshops and seminars related to quality enhancement
- Accreditation and ranking
- Academic audits
- Awards and recognition to faculty Consultancy, collaborations and linkages
- Feedback analysis and action taken
- Initiative towards patents filing and incubation centre
- Internal promotion guidance

In addition to the above, the IQAC has also established Mentoring and Professional Counseling for both UG and PG Students. In order to ensure for industry interaction, the institute has MoU's with industries and students are given exposure to industry practices through industry oriented mini projects, internships and guest lectures by industry people. These practices are intended at providing enhanced employability opportunities, hassle-free transition from institution to industry and improved ability to cope with stressful situations.

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Response:

Institute has well planned teaching learning process and has robust methodology for rolling out the process. At the same time there is well-planned structure, as per the Guidelines of IQAC, to review the Teaching Learning Process. The IQAC is responsible for developing, coordinating and monitoring academic assessment activities to effect improvement in student learning. All the heads of the departments, deans and senior professors are members of the Institute Academic committee and are chaired by the head of the Institution.

The roles and responsibilities of the committee are to Plan, monitor and control the academic functioning of all the Departments. Introduce innovation in Teaching, Learning and Evaluation practices. Recommend additional infrastructural facilities required to strengthen the Departments in view of the changing needs of curriculum or introduction of new disciplines. Evolve processes for conducting Academic Audit both at the Institute level and at the Department level.

The Institute Academic Committee meets every month as a scheduled activity and monitors all the activities. The Internal Quality Assurance Cell Supports the activity by involving various departments of the institute, and audits the departments as a calendar activity every semester. IQAC also conducts an External Audit for the Academic as well administrative aspects.

The institute prompts the departments to implement the recommendations of the Audit Committee. The IQAC also supports in fastening the academic review activities such as:

The Academic Plan is prepared well in advance before the commencement of class work for the courses. Feedback is collected twice in a semester. It is communicated to Faculty and Heads of the Departments and necessary measures are taken.

Ongoing course review is done by involving students and faculty through class Review Committee Meetings. Attendance registers are maintained with day-to-day outcome mapping and the delivery mechanism. Every Faculty maintains Course files for the subjects.

The IQAC of the institute also reviews the assessment of teaching learning outcomes through Course end survey which is collected after a semester course for every subject. Course outcome analysis for each course after completion of the semester which incorporates the input collected from course end survey also. Analyze the Results in every semester. The Learning outcomes of program (POs) are assessed through curricular and co-curricular activities. All the suggested value Added courses to enrich the curriculum by the department advisory committees and departments are put forth to the Governing Body through director for approval.

OUTCOMES

- Exit survey, Alumni feedback and other stakeholder's feedback has helped to enrich the curriculum and implementation according to the needs of the present Market by Inclusion of value added courses, training programs etc., led to better placements.
- Three UG Programs are NBA Accredited with 3 years.

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year**Response:** 5.4**6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years**

2018-19	2017-18	2016-17	2015-16	2014-15
10	10	3	2	2

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document

6.5.4 Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements**
- 2.Academic Administrative Audit (AAA) and initiation of follow up action**
- 3.Participation in NIRF**
- 4.ISO Certification**
- 5.NBA or any other quality audit**

A. Any 4 of the above**B. Any 3 of the above****C. Any 2 of the above****D. Any 1 of the above**

Response: A. Any 4 of the above

File Description	Document
e-copies of the accreditations and certifications	View Document
Details of Quality assurance initiatives of the institution	View Document

6.5.5 Incremental improvements made during the preceding five years (in case of first cycle) Post accreditation quality initiatives (second and subsequent cycles)

Response:

To enhance the quality in academic and administrative domains, various IQAC initiatives are implemented incrementally so as to keep in pace with the expectations of stakeholders like students, industry and society. Few are mentioned below:

Curriculum enrichment and Delivery: The Institution is striving hard to maintain the quality provisions in curriculum enrichment and effective delivery. The institute invites inputs from various stakeholders regarding strengthening of the curriculum and keeping in view the suggestions received from Industrialists, alumni and students and introduces the various value added courses by the departments to bridge the gap in the curriculum to meet the industry needs.

Periodical feedbacks are obtained from the students and class review committee meetings are held by the Head of the Departments to review the teaching-learning process, academic progress of the students, grievances if any, for taking appropriate actions whenever necessary.

Teacher's Quality: To improve the teaching quality of faculty members, Professional Faculty Development Programmes (FDP) are being conducted. The faculty members are also encouraged to acquire additional qualifications to foster their skills.

Up gradation of ICT facilities: A blend of licensed and indigenously developed software is used for ERP which has resulted in the establishment of dedicated Student, Parent, Faculty and administrator Portals. About 700 computers for students' use and 25 controlled wi-fi access points with 90 Mbps bandwidth are available.

Academic and Administrative Audit: Academic and Administrative Audits are conducted regularly at the end of semester by internal audit team and at the end of every year by external audit team. The reviewed audit reports act as an input to the overall quality improvement in various activities.

R&D Activities: Faculty members are encouraged to publish in quality journals by conducting required research activities in the institution.

Industry Academia initiatives: Industry academia interaction Programmes are important to equip the students to meet the challenges in their career. Seminars, workshops and technical talks are being conducted; regular industrial visits and industry-academia interactions are organized so as to get the practical exposure about the functioning of the organization, to the students and in utilizing their acquired

academic knowledge to the requirement of the industry.

Training and Placements: Centre for training and placement of NNRG is largely responsible and committed towards the identification and catering to the need of training the students so that they are able to develop a good personality and assist them to find right job and help them place in right company. The main intend of this division is to empower our students to take up the future campus recruitment with confidence.

Apart from the above activities, Quality initiatives have been made by the institution Based on the recommendations of the peer team, Improvements were made both in the academic and administrative domains. IQAC has been strengthened in the past two years. Several quality initiatives and quality assurance initiatives were well planned and executed by IQAC.

NAAC

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 102

7.1.1.1 Number of gender equity promotion programs organized by the institution year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
35	40	8	9	10

File Description	Document
Report of the event	View Document
List of gender equity promotion programs organized by the institution	View Document
Any additional information	View Document

7.1.2

1. Institution shows gender sensitivity in providing facilities such as:

1. Safety and Security
2. Counselling
3. Common Room

Response:

Following are the ways and means through which the institution shows gender sensitivity in providing facilities to the students and staff.

Safety and Security

The Institution clearly and comprehensively follows safety norms in all aspects. Security personnel safe guard the campus in all aspects and the administrative and academic corridors are covered under sufficient CCTV surveillance and lighting arrangements. The anti-ragging squad members, mentors and other in charge faculty members will monitor the grounds and the corridors of all the buildings, classrooms and laboratories especially during the admissions time. Suitable medical assistance for students is provided since a full-time staff nurse and part time doctor is available in the campus. Transport facilities will be provided immediately in case of emergency. This gender sensitive initiative by itself is a step ahead

towards gender equity. Safety and security for girl students is ensured by these personnel and providing all the required facilities in the institution. The institution has a very good reputation in the public for providing a very safe and secured place for both teachers and students. Grievance Cell provides a convenient opportunity for girl students to raise the problems of harassment by safeguarding them. Proper lighting and security measures are ensured for students when they stay after office hours.

Counselors

Counselors on campus are available during the working hours of the Institution. A team of faculty is available for mentoring students with depression, psychological problems and even gender-related issues apart from regular academic counseling. Grievances Cell will respond immediately to share the grievances in a confidential way. Special programmes regarding women safety and health issues are organized by the Women Protection Cell.

Common rooms

Separate common rest rooms are available for boys and girls. Apart from the regular facilities in common rooms, ladies rest rooms are provided with sanitary vending machines, incinerators for girls and lady faculty.

7.1.3 Alternate Energy initiatives such as:

1. Percentage of annual power requirement of the Institution met by the renewable energy sources

Response: 85.94

7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

Response: 165000

7.1.3.2 Total annual power requirement (in KWH)

Response: 192000

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Response: 44.34

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 11.47

7.1.4.2 Annual lighting power requirement (in KWH)

Response: 25.87

File Description	Document
Details of lighting power requirements met through LED bulbs	View Document

7.1.5 Waste Management steps including:

- Solid waste management
- Liquid waste management
- E-waste management

Response:

The NNRG Institution's activities to keep the environment green and pollution free are encouraging and evolving best efforts to manage waste from its source until its final disposal is done. This includes the collection, transport, treatment and disposal of waste. In this regard, it is appropriate to mention that our affiliated University has framed a course named Environmental Science which is a mandatory course for students of all branches through which awareness about the environment and related issues with solution strategies is imparted. Many awareness environment awareness programs are also organized.

Waste Management is classified into three categories viz.

Solid Waste Management:

The following steps are following in the Institution.

- Separate Dustbins for recyclable and non-recyclable wastes are available in common places.
- Institution is planning to implement Paperless communication (e-mail / Whats App communication) in due course.
- Usage of one-sided paper is encouraged.
- Metal and other scraps are given to agents for further processing.
- Cattle Farm of nearby fields caters manure for our garden;
- Sanitary napkin incinerator machine is available in the ladies restroom.

Liquid Waste Management

- Wastage of drinking water is limited through proper monitoring.

- Waste water is properly drained out to maintain the greenery in the campus.
- Proper drainage system is arranged for all the buildings of the campus
- Rain Water Harvesting system is in place;
- Wastewater from the RO plant is also used for watering the plants.

E-Waste Management

- The computer accessories are disposed through outside agencies. Awareness programs are initiated on waste management.
- Used batteries and electronics wastes are disposed of through outside agencies
- Outdated computers with minimum configurations not suitable for the revised regulations of the University are given to the needy for their usage or sold as scrap to authorized buyers.

The Institution has entered into a MoU with Recykle Pvt.Ltd., Hyderabad who periodically collects the e-waste and solid waste accessories from the Institution for processing of recycling. The Institution deploys the Students to take part in carrying out the recycling process. The Agency after the recycling process of solid and e-waste material, informed the Institution through a Certificate stating that how much environment was sustained in the Institution by disposing the obsolete items like worn out computers and other scrap material.

7.1.6 Rain water harvesting structures and utilization in the campus

Response:

Rain Water harvesting

The Institution has rainwater harvesting system to collect the rainwater. Due to extensive urbanization, water is increasingly becoming a scarce natural resource in metropolitan cities like Hyderabad. All the rain water collected is diverted to common channel and conveyed for storage in an underground storage tank. This helps to recharge the tube well dug in the campus as well as the ground water. It will increase the ground water levels of the surrounding premises. The water stored in the underground sump is drawn through a pump and used for gardening and watering for trees and plants in the campus. The rain water on ground is collected and the arrangement is made for its percolation for recharging the ground water aquifers.

7.1.7 Green Practices

- **Students, staff using**
 - a) **Bicycles**
 - b) **Public Transport**
 - c) **Pedestrian friendly roads**

- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Response:

The rapid development in infrastructure at local, regional and global level has led to various environmental issues. To support and build healthy environment it becomes necessary to adopt green practices. Being a leading institution of higher Technical Education, Institute initiates the Green Campus activity which will support environmental sustainable development. 'The Green Campus' actively promote the various programs for the environment protection and sustainability such as, use of bicycles, public transport, and pedestrian friendly roads, promotes plastic free campus, paperless office, green landscaping with tree and plants.

Bicycles:

NNRG students and staffs who are staying in nearby college are using bicycle for transportation for reducing both pollution and fuel usage.

Public Transport: Most of the NNRG students and faculties are availing Institution buses. Institution provides bus facilities to the faculty members, non-teaching staff and students.

Pedestrian Friendly Roads: Pedestrian Friendly roads in NNRG are enabling pedestrians to travel safely and freely in the campus.

Plastic free campus: NNRG is moving ahead to make the campus a plastic free campus. NNRG has organized programs to create awareness on harmful effects of plastic free zone.

Paperless office: The institute gives emphasis on paperless office to save carbon emission in printers. Reuse of one –side paper printouts is also being done.

Green landscaping with trees and plants: Carbon dioxide neutrality is maintained on the campus by planting different varieties of trees and plants. The green campus concept offers NNRG to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental, social and economic needs of the mankind.

Major Green Campus Initiatives

- Green audit of the institute is conducted annually.
- Tree Plantation is done every year through NSS.

Energy conservation

- Creating awareness among the students and faculty on energy conservation by placing flexes and notice boards.
- Students and staff are instructed to switch off the fans and lights when ever not required.
- Providing good ventilation and sun lighting system in to the class by placing big windows.
- Using LED bulbs in the institute to save electricity

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years**Response:** 2.35

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

2018-19	2017-18	2016-17	2015-16	2014-15
25.055	22.125	0.60	0.61	0.51

File Description	Document
Details of expenditure on green initiatives and waste management during the last five years	View Document

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

A. 7 and more of the above**B. At least 6 of the above****C. At least 4 of the above****D. At least 2 of the above****Response:** B. At least 6 of the above

File Description	Document
Resources available in the institution for Divyangjan	View Document

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Response: 60

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
12	11	11	15	11

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	View Document
Any additional information	View Document

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

Response: 55

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
19	14	8	7	7

File Description	Document
Any additional information	View Document

7.1.12

Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff

Response: Yes

File Description	Document
Any additional information	View Document
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	View Document

7.1.13 Display of core values in the institution and on its website

Response: Yes

File Description	Document
Any additional information	View Document
Provide URL of website that displays core values	View Document

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations

Response: Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	View Document
Any additional information	View Document

7.1.15 The institution offers a course on Human Values and professional ethics

Response: Yes

File Description	Document
Any additional information	View Document
Provide link to Courses on Human Values and professional ethics on Institutional website	View Document

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions

Response: Yes

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct,

Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

Response: 56

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

2018-19	2017-18	2016-17	2015-16	2014-15
12	12	13	10	9

File Description	Document
List of activities conducted for promotion of universal values	View Document
Any additional information	View Document

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Response:

The NNRG Institution organizes every year various National Festivals and birth anniversaries of the great Indian personalities; few of such celebrations are mentioned below:

Republic Day and Independence Day

Every year institute celebrate Republic Day and Independence Day with a great manifestation where all staff and students from Engineering, Pharmacy & Management Sciences gather at one campus along with the Institution Officials and Management personnel.

The program starts with Flag Hosting by the Chairman/Director of the Institution followed by National Anthem. March Past, Patriotic songs, and various activities and skills are presented to the gathering by the students.

Mahatma Gandhi birth anniversary

Mahatma Gandhi is referred to as Father of the Nation who devoted his whole life preaching Truth and following Ahimsa. The Prime Ministers' message for Swaachh Bharat Abhiyaan', will be carried out by the students and staff willingly with the brooms and do sweeping and cleaning on the Institution grounds.

Dr.Babasaheb Ambedkar's birthday is celebrated in the campus on 14 April to commemorate the

memory of Dr.B. R. Ambedkar, the drafter of the Indian constitution,

Swami Vivekananda's birth day is celebrated as National Youth Day to motivate the youth.

Teachers Day

Since 1962 the 5th September day commemorates the birthday of Dr Sarvepalli Radhakrishnan, a great teacher and a staunch believer of education, known for his contribution towards the education system in India. The NSS volunteers provide brief introduction and significance of celebrating Teacher's Day. The students felicitates the faculty of their departments with bouquets and share their views to the gathering by emphasizing the role of a teacher in everyone's life and how teachers contribute their might to mould and nurture the students to shape their growth not only towards education but also to become a good human beings.

Engineers Day

15th September is celebrated as Engineers Day in honour of Bharat Ratna Awardee Mokshagundam Visvesvaraya, an eminent engineer. The Institution organizes Engineers Day on that day and students and faculty participate in the program with great enthusiasm.

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

Financial:All financial transactions of the Institution relating to receipts and payments are always made through the valid supporting documents. The Payments are made with the approval of the competent authority. Financial transactions have been accounted on daily basis by the Accounts Department and the same will be verified by the Statutory Auditors on yearly basis. Based on the audited transactions, financial statements are prepared and signed by the Auditor and the Management of the Institution. The financial statements like Balance Sheet, Income & Expenditure Statements etc. will be submitted to the Income Tax Department every year for the purpose of assessing the Income & Expenditure of the Institution.

Academic:Proposals for value added programmes; courses etc are prepared and submitted for discussions in the advisory committee to the director by the Heads of the Departments after discussions with all the concerned faculty members. Curriculum plan is developed involving all the members of faculty, Academic calendar, Academic plan, Timetables are displayed to the students prior to the starting of the semester. Schedules of Internal & external exams are followed as per the affiliated university directions. Examination related notifications and circulars are widely displayed, circulated and kept on the website. After evaluation of Internal scripts by the concerned faculty and shown the scripts to students marks are verified by students and Internal marks are displayed on department Notice Board and students are given an opportunity to verify the evaluated papers. Revaluation & re-totaling are allowed to maintain transparency in evaluation.

Administrative: Transparency is also maintained in admission of students. As per the directions of the State Government, the admission in all the programmes will be done with 70% under Convener quota and 30% under the Management quota. Service rules are made available on the institution website. The Administrative Policy Manual is made available to all the stakeholders where the roles and responsibilities are well defined. The institution has a participative management model where the faculty and the students are members of various committees of the institution and take part in decision making grievance redressal committee/ Internal Compliant Committee/ Mail ID are all in place.

Auxiliary: The institute provides equal opportunities to all the faculty members to participate in professional development activities viz., FDPs, trainings, conferences. Information about the funding opportunities as and when released by funding agencies is circulated to provide equal opportunities to the entire faculty. Funds/Scholarships received from the Government agencies are audited separately and submitted to the respective agencies. Welfare Schemes extended to the faculty and staff which are incorporated in the policy document are made accessible to all the employees

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

BEST PRACTICE - 1

1.TITLE OF THE BEST PRACTICE

INNOVATIVE PRACTICES IN CURRICULUM ENRICHMENT AND IMPLEMENTATION

2. OBJECTIVES OF THE PRACTICE:

- To develop through knowledge of the subject and other relevant skills.
- To provide adequate learning opportunities for slow learners and advanced learners.
- To bring effectiveness in teaching-learning practice.

3.THE CONTEXT:

All the departments of NNRG have put in tremendous efforts in the implementation of curriculum with various innovative practices like implementing add-on programmes, certificate programmes and vocational education programmes which will impart the subject knowledge along with employability skills to the students. The institute is practicing innovative teaching methodologies like participative learning, flipped classes, ICT based learning etc. to make a balance among slow learners and advanced learners and to produce globally competent and ethically strong professionals.

4.THE PRACTICE:

NNRG has adopted innovative practices with defined schedules, adequate duration and required practical skills. The students are permitted to register as per their interest. The courses range from foundations of Mathematics, English, Physics and other Engineering, Pharmacy and Management Sciences to advanced courses like CAD-CAM, Robotics, IOT, Implementation of Software Applications, Computer Aided Drug Design, Artificial Intelligence, Design of Civil Engineering structures using Primavera, Staddpro, E-tab, Financial Modules etc. All the courses are developed by the faculty members with consultation of subject experts and approved by the Institutional Academic Committee. In addition to the above courses, arranging internships, field trips and industrial visits with different organizations including MOU firms under industry institute interaction cell.

5.EVIDENCE OF SUCCESS:

It has been witnessed that majority of the alumni have been functioning effectively in the reputed institutions and industries and the success of alumni was a strong motivational factor for the juniors. The students success rate was identified in the improvement of their communication skills, subject knowledge and performance in placements. The institute database indicates that majority of the students felt that they are benefited tremendously by the courses introduced in addition to the regular syllabus of the university. They opined that the ICT tools played a dramatic role in understanding the concepts more effectively. The students from rural background utilized these opportunities and succeeded in their career.

6.PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED

- Time is the main constraint for both the students and faculty members in smooth functioning of the programs.
- Lack of awareness among the students on the advanced programs.
- Sustaining student interest in completing the course with the desired objective is one of the challenges.
- Getting adequately trained faculty to teach the skill based concepts.
- Unwillingness among the students to take sustained interest in the opportunities provided by the institute.

The Resources required identified as:

- Manpower - Requires expertise as well as upgrading the existing faculty for the conduct of the programmes.
- Cost – All programmes are offered at free of cost and contributed by the institution. Financial assistance for training of teachers is required.
- Time - Additional working hours are allotted into the regular schedules.
- Infrastructure - The classrooms, library and laboratories are available in the institute.
- Transcript - the certificates are provided.

BEST PRACTICE-2

1.TITLE OF THE PRACTICE:

SERVICE AND LEARNING THROUGH OUTREACH PROGRAMMES

2.OBJECTIVES OF THE PRACTICE:

- To inculcate the values in education and a sense of social responsibility in students.
- To motivate the students with the spirit of active involvement in the service to the society.
- To encourage young minds to work together, give back to our community and society.
- To make awareness in rural population and members of the low-income group to prevent contagious and other diseases like malaria, dengue etc., and to maintain nutritious and balanced diet.
- To donate blood to the needy people and save their lives.
- To promote volunteerism and community-based work in the field of education.
- To contribute to the cause of total literacy campaign through participation of students in their own localities and to empower the domestic workers and underprivileged sections of the society through literacy.
- To create awareness on Environmental sensitization of near and local areas.
- To create awareness on digital literacy through adoption of the village.

3.THE CONTEXT:

Social responsibility has been a fixture in the higher education institutions to contribute good health and welfare of society. Nalla Narasimha Reddy Education Society's Group of Institutions (NNRG) has involved in civil and community service through outreach programmes. The success of an institution indicates the development of community and society. The students and faculty members are being involved for the development of the society by utilizing the resources of the institute. The institute is working for the empowerment of women, uplifting literacy, prevention of diseases etc. under community development. The institute is promoting values in education to the society by its contributions through various activities. The institute is working in association with local bodies and developing local communities.

4.THE PRACTICE:

NNRG is organizing various social service activities as a part of the outreach programmes. Some of these are,

Swachh Bharat

Students participated in Swachh Bharat programs through the institution's NSS unit and cleaned institution's surroundings, roads of the adjacent villages. Also planted samplings and watered them regularly within the campus and in nearer villages like Korremula, Pratapasingaram and Chowdariguda. Created awareness to the villagers about cleanliness, contagious diseases, and construction of toilets and problems which arises through open defecation.

Medical and Health awareness camps

NSS unit also organized local tour in near villages to create awareness on baby care, breast feed and deworming. It is observed that majority of village women feeding their kids, but some of them are not using sanitary napkins which causing UTI. Pharmacy students explained the importance of sanitary napkins to women and the way to dispose them. Pharmacy students of NNRG through NSS unit organized

medical camps in Korremula, Pratapasingaram and Chowdariguda villages. Also conducted healthcare awareness camps on Diabetes, Hypertension, Thyroidism and Antibiotics use. It is also observed that some of them are habituated to smoking, drinking alcohol. Pharmacy students created awareness and advised the evils of these bad habits to them with visual aids.

Telangana Information Technology Association (TITA)

TITA recruited NNRG students as volunteers and they are actively participated in creating awareness about computer knowledge to rural people including government school students. NNRG students visiting nearby villages and identifying the candidates for digital literacy and providing the training in digital operations in the institution's computer labs. They also conducted DIGITHON in Prathapasingaram.

Digital India Programmes:

Students are participated as a part of Digital India to make awareness in cash less transactions, security and safety measures while doing the online bank transactions and mobile banking etc.

Center of Human Excellence

The institute is promoting human excellence through its well established Swami Vivekananda Center for Human Excellence under the aegis of Ramakrishna Matt, Hyderabad. This center is working towards development of human values and professional ethics. Eminent personalities and motivational speakers are invited for the benefit of students and faculty members.

Blood Donation Camps

Every year students, faculty and staff members are participating in blood donation camp and donating blood through the various organizations like Indian Red Cross Society, Lions Club, Ray of Hope, Rudhira etc. in large amount.

5.EVIDENCE OF SUCCESS:

- Students and staff donated large volumes (units) of blood in different blood donation camps held at NNRG and saved the lives.
- Achieved 100% digital literacy in students of Prathapasingaram village ZPHS through Digithon program.
- Treated the diseases of villagers through the diagnosis and medicines distribution through the medical camps conducted.
- The volunteers worked in the programs in TITA are employed in reputed companies.
- Students are selected as volunteers by Rama Krishna Matt, Hyderabad through their excellence in service.

6.PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED:

- Time is a major constraint as the students are busy in their regular academic schedules.
- Lack of experience in community work and lack of cooperation from other officials is another challenge in the implementation.
- Lack of awareness on the part of the community about various schemes.

- Financial constraints in the implementation of large targeted areas.

A detailed plan with all stakeholders, regular interaction of students personal meeting by the staff with various officials, prompt supervision and guidance, sharing of experiences, monitoring and evaluation of programmes and sharing with the help of various clubs and societies are some of the strategies to overcome the above challenges.

The resources required are:

- Financial resources towards creating awareness, training, computers, medicines and other equipments. Certain portion of expenses shared by the contribution of management and faculty members.
- Human resources in the form of experts, faculty and students. Institute is engaging the programmes with the existing faculty.

File Description	Document
Any additional information	View Document

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Response:

The Nalla Narasimha Reddy Education Society's Group of Institutions is distinct in implementing its Vision to produce globally competent and ethically strong graduates by imparting quality education, by virtue of which students contribute in technological as well as societal growth and welfare. With its Vision, the Institution consistently provides motivation, support and excellent platform to young engineers, pharmacists and management students to inculcate entrepreneurial, leadership, project management and multidisciplinary skills for enrichment of competency in their fields of relevance. The Institution ensures to impart quality education to all of its students not only through enhancing their intellectual ability but also by nurturing their talents which will make them to acquire suitable skills and excel well in academics which is the primary goal and vision of the Institution. The Institution strives hard to shape the students into better and ethically strong citizens by enriching their self confidence, perseverance, patriotism and humanity. The teachers and students work with great earnestness and sincerity and involve not only in curricular, co-curricular, extra-curricular and cultural activities but also in socially significant activities to augment the prominence of the Institution. The main objective and Vision of the Institution is to provide quality education in engineering /Pharmacy & Management Sciences with extensive hands-on opportunities and industry exposure, so that students will be ready for careers in engineering/Pharmacy, Management and entrepreneurship after they complete their education in the Institution. To support these ethical ideas, Institution provides adequate infrastructure facilities which are meeting not only the norms of regulating bodies but also satisfies functional needs. The Laboratory equipment is as per the syllabus requirement with sophisticated and high-end equipments to carry out the student projects and research. The Institution conducts soft-skill development programs, career counseling, and personal

enhancement sessions for the students by inviting external experts and motivational speakers. For the overall development of the students, the Institution encourages the faculty members to supplement the latest technologies along with regular teaching to make the learning more effective. The faculty tries to bring innovation in teaching by using social learning platforms, learning through projects etc. and all these innovations in teaching have led the students to improve in academic performance, co-curricular activities, soft skills and industry readiness. The faculties are encouraged to use ICT facilities in teaching to show animations and to explain the basic concepts of the core subjects; and faculties are trained by experts in latest teaching methodologies very often. This made the students to understand the concepts and principles very well and thus improving their performance in the academics. Attending regular Faculty Development Programs by the faculty in advanced subjects help them to deliver the concepts in a better way. Frequent industrial visits, Lectures from industry experts, seminars made the students holistic and helped them to improve their all round capabilities. Special guidance for higher education by conducting coaching classes in GRE, ILETS &GATE, and GPAT achieved good results and many graduates opted for post graduation in India and Abroad. Some of the Pharmacy students even pursuing their PG in most reputed institutes like NIPER. Frequent workshops on Entrepreneur development programs under EDC Cell made some of the students to opt for entrepreneurship and to start their own start-ups in Engineering and Pharmacy. Students are taught from the beginning the importance of ethics, values and respect which they are imbibing with good traits; and these practices are yielding good results in terms of academic results, placements and to lead their lives for better sustainability. The well maintained college grounds with the green patch , shrubs and neat and clean corridors, and surroundings is a testimony to the fact that both the faculty, non teaching staff and students are effortlessly striving towards making the Institution to appear in good ambience and beautiful. The management has been keen in providing every facility to improve the academic performance of the students for sustaining the Vision of the Institution which is a unique distinctive of the Institution.

5. CONCLUSION

Additional Information :

- Institution has been the visiting ground of the great Scientists Dr.P.Sathish Reddy Adviser to Prime minister and chairmen, DRDO, Dr. Prabhakaran, Former Director of DRDO, Dr.Madhusudhan Reddy,Scientist-RCI, Dr.A.GangagniRao, Principle Scientist, IICT, S.Narayana,Scientist –G,NRGI, Dr.Ch.Suresh,Director NIN, Dr.Anil kumar Scientist-F,RCI,Dr.Gopinath Scientist-G,RCI,Dr,Jagadesan,Scientist-G,Dr.Lingaiiah Scientist-E, IICT, Dr.P.Suresh,Scientist–F, ,Dr.K.M.M.Rao, Former Director, NRSA. Dr.Swarnabai Arneker,Scientist-F,RCI,Dr.Y.Srinivasa reddy,Scientist-F,Dr.Karunanidhi,Scientist-F,RCI,Dr.V.N.Mani,Scientist-F, Dr. C. Sharadha Scientist-G, ASL, DRDO.
- Sri.E.Rajender,Swami Minister of Health of TS, Sri.Bodhmayanand Swamy, Director, Vivekananda Institute of Human Excellence,RK Math,Hyderabad.
- Intensive training is given to NCC students to attend RD parade
- Under Corporate social responsibility Telangana Government HARITHARAM has initiated for rising trees in neighboring villages.
- DIGITHON award for achievement of 100% Digital literacy of the adopted Village Prathapa Singaram
- Mentor-mentee system, remedial coaching for slow learners, Additional activities for advanced learners facilitate the students to get motivated

Concluding Remarks :

- Nalla Narasimha Reddy Education Society's Group of Institutions is marching with a rapid growth in all quadrants of Academics, Research and Extra Curricular activities with well defined Vision and Mission.
- The Governing Body, IQAC, Institution Academic Cell and various institute level committees play vital role in meeting the aspiration of all the stakeholders.
- The institute has setup state of the art laboratories, well equipped class rooms, ICT facilities, Seminar halls, Central Library, Digital Library, Computer centers, and other amenities with a built-up area of about 25,000 Sq. m.
- OBE with effective action plan in place and the academic calendar scheduled by the university in verbatim is adopted in the teaching-learning process and is being implemented effectively to attain the program objectives.
- The Institute is accredited by NAAC and the three UG programs of engineering viz. ECE, CSE and Mechanical Engineering have also been accredited by NBA in the year 2018.
- The institute is recognized by UGC under section 2(F) and also certified by ISO in the year 2019.
- The presence of IQAC and R&D Centre is well demonstrated by number of research publications, the research initiatives, Industry-academia interface, and extension and outreach programs by the institution.
- The Incubation and Robotic centers of institute cater to the needs of the students in transforming their

ideas in to the practice.

- Apart from the academics the institute is keen in fulfilling the social responsibilities such as organizing health camps, Digital Literacy programs, Green India as directed by government agencies are showcased by NSS , NCC and TITA unit of the campus.
- In pursuit of excellence, NNRG looks forward to achieve more heights in the times ahead.
- The thrust in academic excellence and holistic growth of the students remain the prime focus of the institution.
- The faculty members join hands in the Institution's zeal to enhance and sustain quality education for the attainment of Vision, Mission and Values.
- The Institution promises to itself to do every possible thing to extinguish its desire to reach the peak of academic excellence.

NAAC