No: IQAC/NECN/AAA/2021-22

External

Academic and Administrative Audit (AAA)

For A.Y: 2021-22

Date of Audit: 01ˢᵗ October, 2022

By

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Preface

Academic and Administrative Audit

Academic and Administrative Audit (AAA) is the process of evaluating the efficiency and effectiveness of an academic institution. The college conducts AAA at regular intervals to review the programmes and academic activities in the departments and in the institution. AAA involves a peer review process including a self-evaluation and a site visit by peers from inside and outside the institution. The aim of AAA is to analyse and evaluate the institution's academic and administrative processes. It is indeed a good gesture on the part of Narayana Engineering College, Nellore to undergo this exercise. Accordingly, the Principal constituted the experts committee with the external members and requested the committee to conduct the Academic and Administrative Audit for the academic year 2021-22.

Further, the Principal has also nominated following members of the college to assist AAA committee:

#	Name of the Member	Designation
1.	Dr P Penchalaiah	Coordinator, IQAC
2.	Mrs. N Shanthi Kumari	Member
3.	Dr J Srinivasulu	Member
4.	Dr. T. Sudheer	Member
5.	Mrs. G.V.Nagamani	Member

The Committee had a formal meeting in the office of the Principal, Dr. G Srinivasulu, who presented the overall developments and emphasized on the progress made in the academic year 2021-22 in all spheres of activities.

Members of the Committee discussed on the procedural issues and began their exercise as per the programme schedule prepared by the Coordinator, IQAC.

The Committee visited all the departments, support services, administrative sections and chalked other infrastructural facilities and interacted with the teaching staff, students, officers, coordinators to know the academic and administrative performances. This has given scope of thorough interaction and also for seeking several clarifications.

The Committee after completing all stages of inspection and interactions prepared the AAA Report covering their summarized observations and recommendations

INSTITUTIONAL INFORMATION

Name and Address of the College:

Name	**NARAYANA ENGINEERING COLLEGE**
Address	Narayana Avenue, A K Nagar (Post), Muthukur Road
City	Nellore
State	Andhra Pradesh
Website	http://www.necn.ac.in

Principal	Dr. G Srinivasulu
IQAC Coordinator	Dr P Penchalaiah
Establishment of IQAC	03rd December, 2015
Type of Affiliation	Autonomous

Facilities on the campus

Number of Building	03
Auditorium	Yes(1 main auditorium + Each department has its own seminar Hall)
Play ground	Yes
Gymnasium	Yes
Staff Quarters	No
Cafeteria	Yes
Dispensary	Yes
Own Transport Available	Yes (07 Busses)
Other facilities	Water Purification Plant, Transport

Feedback Collected and Analysed

- Feedback on Teaching Learning Practices
    a. Manual Feedback
    b. Online Feedback

- Feedback on Curriculum
    a. Autonomous Batches
    b. Affiliated Batches

- Feedback on Facilities from stake holders

- Student Satisfactory Survey

Active Cells and Committees

S.No.	Name of the Committee
➤	Alumni Committee
➤	Anti - Ragging Committee
➤	Attendance Committee
➤	Canteen Committee
➤	Career Guidance Cell
➤	College Academic Committee
➤	Counselling Cell
➤	Department Student Association Committee
➤	Discipline Committee
➤	Entrepreneurship Development Cell
➤	Examination Grievance Committee
➤	Grievance Redressal Cell - Department level
➤	Grievance Redressal Cell
➤	Grievance Redressal Cell - Institute level
➤	Hobby Club
➤	HV & E Cell
➤	Industry - Institute Interaction Cell(IIIC)
➤	Innovation & Incubation Cell (IIC)
➤	Intellectual Property Rights Cell(IPR)
➤	IQAC
➤	Library Committee
➤	Library Advisory Committee
➤	Maintenance Committee
➤	CEA/NSS
➤	OBC Cell
➤	Placement Cell
➤	Professional Chapters Committee
➤	R & D Cell
➤	SC/ST Cell
➤	Sports Committee
➤	Staff Grievance Cell
➤	Time Table Committee
➤	Website Committee
➤	Women's Grievance Redressel Cell
➤	Women's Forum

IQAC ACADEMIC AND ADMINISTRATIVE ACTIVITIES UNDER VARIOUS CRITERIA

The Committee has observed the following activities under various criterion aspects adopted by Narayana Engineering College, Nellore.

S No	CRITERIA	ASPECT	ACTIVITY
1	I	**Curricular Aspects**	• Adherence to Academic calendar • Value added courses • Internships • Feedback system
2	II	**Teaching-Learning And Evaluation**	• Student teacher ratio • Usage of ICT tools • Mentoring System • Counselling
3	III	**Research, Innovations And Extension**	• Seminars/workshops • Books and Chapters published • Papers in National/International Conference • Extension programs • Research publications • Linkages, MOUs, Collaborations
4	IV	**Infrastructure And Learning Resources**	• Physical facilities • Library • IT Infrastructure • Campus Infrastructure
5	V	**Student Support And Progression**	• Capability enhancement schemes • Career counselling • Personal counselling • Soft skills training • Training & Placement activities • Student progression-Higher education • Student participation -External • Sports • Cultural activities • Alumni Association Meetings
6	VI	**Governance, Leadership And Management**	• Quality Improvement Strategies • Faculty Empowerment strategies • Professional Development Programs • IQAC-Internal Quality Assurance Cell
7	VII	**Institutional Values And Best Practices**	• Gender equity programmes • Human Values and Professional Ethics • Best Practices of the Institution

Review on initiation of follow up actions
for
Previous AAA AY: 2020-21

Action follow-up for the suggestions from the external audit team of the previous AAA AY: 2020-21, were initiated and circulated among the departments for its necessary action by the Head of the institution.

- ☐ **Suggestion:** <u>Faculty participation in conferences / workshop / Symposium may be enhanced</u>.
  - ☑ **Action Taken & Observations & Suggestions:**
  - ▪ All the departments were instructed faculty to actively participate in conferences / workshop / Symposium.
  - ▪ All departments have organized Technical symposiums and management fest and around thousand students had participated and share their ideas.
  - ▪ Faculty members had participated in different workshops and conferences.

- ☐ **Suggestion:** <u>Suggested to undergo internship program from prestigious institutions/industries</u>
  - ☑ **Action Taken & Observations & Suggestions:**
  - ▪ New MoUs were signed with prestigious industries for internships & job opportunities.
  - ▪ Students of all the departments had enrolled for internships offered from prestigious institutions like Microsoft, internshala and AP higher education.

- ☐ **Suggestion:** <u>Research papers should be published in Quality publication.</u>
  - ☑ **Action Taken & Observations & Suggestions:**
  - ▪ Research publications by the faculty, had gradually increased.
  - ▪ Two books were published by the faculty.

    - ☑ **Recommendation**
    - ☑ The publications in Scopus and web of sciences indexed journals should increase

- ☐ **Suggestion:** <u>Suggested to apply for NBA accreditation.</u>
  - ☑ **Action Taken & Observations & Suggestions:**
  - ▪ The institution has uploaded the self assessment report to NBA and the NBA team is going to visit in couple of weeks.

☑ **Suggestion:** <u>Student pass percentage and quality of the admission needs to be improved</u> **Action Taken & Observations & Suggestions:**

- The pass percentage had improved comparatively and the quality & quantity of admissions have increased.

Suggestion: <u>Participation of National Institutional Ranking Framework</u>

☑   **Action Taken & Observations & Suggestions:**

- The institution had participated in NIRF-2022 rankings.

☑ **Recommendation**

☑ Recommended to get listed in the National Institutional Ranking Framework.

AUDIT – SUMMARY

Criterion I: CURRICULAR ASPECTS

Curriculum Planning and Implementation
- The institution has reviewed NECR-20 Academic Regulation as NECR-21 and strictly adhered to the same from the AY 2021-22 for AUTONOMOUS batches.
- The College strictly following the guidelines of the JNTUA University for Affiliated batches as well.
- The Institutional academic calendar is prepared and implemented as it planned.
- The department-wise academic calendars are also maintained projecting all the events of the respective departments.
- The course files are prepared for all the subjects related to all the courses of the college.
- The institute adopted OBE teaching model.

Observations & Suggestions:

The academic calendars (central-level and department -level) are well designed and its compliances are monitored by IQAC.

Lecture schedules(related to course files) are prepared and verified with the actual class delivery schedule by each department

Programmes offered through Choice Based Credit System (CBCS) During the Year

Programme Code	Programme Name
01	B.Tech(Civil Engineering)
02	B.Tech(Electrical & Electronics Engineering)
03	B.Tech(Mechanical Engineering)
04	B.Tech(Electronics & Communication Engineering)
05	B.Tech(Computer Science Engineering)
E0	Master of Business Administration
F0	Master of Computer Application

value-added courses for imparting transferable and life skills offered during the year

Value added courses are conducted for helping the students to meet industry demands as well as to develop their own interests.

The following are the value-added courses conducted for the academic year 2021-22

#	Name of the value-added courses	Course Starts From
1	Python Programming	22-11-2021
2	A Value Added course on Smart Micro grid protection and relay testing	23-11-2021
3	Advanced Excel	08-12-2021
4	Beginner's Trading	08-12-2021
5	Business Analytics	15-10-2021
6	Business Communication Skills	8-12-2021
7	Digital Marketing	15-10-2021
8	Financial Modelling & Valuation	1-11-2021
9	Human Resource Management	1-11-2021
10	Structured Query Language	1-11-2021
11	Tally	1-11-2021
12	Design and Development of Humanoid Robot	03-12-2021
13	3D Modelling using SKETCHUP Software	21-12-2021
14	Programming in Modern C++	05-02-2022
15	Programming in Modern C++	11-02-2022
16	A Printed Circuit Board Layout design with Proteus	02-02-2022
17	Value added course on "A Simplistic Printed Circuit Board Layout Design With Proteus"	02-02-2022
18	Value Added course on Solid works and Hypermesh	30-05-2022
19	Value Added Course Cloud Services Through IaaS and PaaS Models	05-04-2022

Observations & Suggestions: Value added courses are conducted by the departments relevant to their courses.

Internships

- The college permits students to undergo internship training programme for real time industry experience and exposure.
- Field Projects / Internships under taken during academic year 2021-22.

Branch	Internships
ECE	257
EEE	99
CSE	247
ME	21

CE	32
MCA	36
MBA	99
	791

- **Observations & Suggestions**: Students from all the UG&PG branches have undergone internship training programmes under various companies and have explored various aspects in them   respective engineering branches. Further it is suggested to undergo internship program from prestigious institutions/industries.

Feedback System

- The institution practice feedback system in-order to improve the performance and maintain enhanced quality
- The institution collects feedback on curriculum from all the stakeholders which include
    1. Students
    2. Teachers
    3. Employers
    4. Alumni

Observations & Suggestions:

- To provide latest knowledge to the students', institute identifies the curriculum gap by collecting feedback from stakeholders.
- The feedback was collated from different stakeholders, students, teachers, alumni, parents and employers on and analysis was made.
- From the analysis, curriculum gap was identified and to fulfil the gap the institute has conducted workshops, seminars and guest lectures
- The feedback analysis report was sent to registrar JNTUA (for affiliated batches).

Criterion II -Teaching-Learning and Evaluation

Student Enrolment and demand ratio during the year

Programme Name	Number of seats sanctioned	Number of Students admitted
B.TECH-CE	30	30
B.TECH-EEE	60	60
B.TECH-ME	30	30
B.TECH-ECE	180	180
B.TECH-CSE	180	180

Teaching-Learning Process

- The departments maintain well designed course files which includes
    - ✓ Syllabus,
    - ✓ Course Plan,
    - ✓ Course Objectives,
    - ✓ Course Material,
    - ✓ Previous Year Question Papers,
    - ✓ Question Bank etc.
- In addition to the same, course files and other related documents are also made available in MOODLE system
- ICT enabled teaching learning system is implemented and effectively follow the lecture schedules prepared for the delivery of the subject and files are maintained that includes lecture delivered through ICT tools, topic and duration are also specified.
- ICT tools and resources available
    - ✓ LCD Projector
    - ✓ Laptop
    - ✓ Audio visual equipment
    - ✓ Podium with inbuilt PA System
    - ✓ Moodle
    - ✓ Slideshare
    - ✓ You tube
    - ✓ NPTEL videos
    - ✓ Virtual labs
    - ✓ Internet connectivity
- Student mentoring system is available in the institution. Each faculty is mentor for about 15 to 20 students.
- Student counselling is done on academic, career and psychological aspects for every 15 days.
- The college maintains student-teacher ratio as per AICTE norms.
- As a prerequisite to advanced subjects at the beginning of each semester, bridge courses are conducted by each department.
- Guest lectures were conducted across all departments, on various topics like subject skills, technical, soft-skills, career guidance etc.
- Tutorial classes are well organised in each department identifying the difficult and analytical subjects to encourage the student to improve their academics.

- Based on the performance in Unit test and MID examinations, students are divided into two categories (i) slow learners and (ii) advanced learners. All the departments thoroughly educate the students to improve their quality in interactive teaching learning methodology.
- Industrial visits are conducted to help students to gain practical knowledge through observation in an industry/factory.
- Student involvement in association activities prepare them for personal and professional success.

#	DEPARTMENT NAME	ASSOCIATION
1	Civil Engineering	Srishti
2	Electrical and Electronics Engineering	Sakala
3	Mechanical Engineering	Yantrik
4	Electronics and Communication Engineering	AKHYANA
5	Computer Sciences and Engineering	Association of Computer Engineers
6	Master of Business Administration	PRANAVA
	Master of Computer Application	TECHCROMA

Every department in the college has professional society chapters

BRANCH		PROFESSIONAL SOCIETY CHAPTER
CSE	CSI	Computer Society of India
	IEEE CS	IEEE Computer Society
	IEI	Institution of Engineers (India)
ECE	IETE	Institute of Electronics and Telecommunication Engineers
	IE	Institution of Engineers (India)
	IEEE	Institute of Electrical and Electronics Engineers
EEE	IEI	Institutions of Engineers (India)
CIVIL	ICI	Indian Concrete Institute
ME	RSI	Robotics Society of India
	IE	Institution of Engineers (India)
EEE	IEI	Institution of Engineers (India) [IEI]
	IEEE	Institute of Electrical and Electronics Engineers
	ISTE	Indian Society for Technical Education
MBA	HMA	Hyderabad Management Association
	CII	Confederation of Indian Industry

Observations & Suggestions:

- Each department is well equipped with Projectors. Faculty use ICT tools like NPTEL, You-tube links, power point presentations for effective delivery of lectures in the classroom.
- Mentor system is systematically implemented in the college.
- Student enrolment is week in Civil and Mechanical departments.
- Student pass percentage and quality of the admissions need to be improved.

Criterion III – Research, Innovations and Extension
Faculty research publications

- 108 research papers were published by faculty members from all the departments, in various reputed national and international journals and conferences.
- 02 Books/Book chapters are published

Department wise research publications summary for the academic year 2021-22:

S. No.	Publications	ECE	EEE	CSE	ME	CE	MCA	MBA	Total
1.	Journal Publications	26	26	20	6	9	6	15	108
2.	Conference Publications	10	13	10		1			34
3.	Book / Chapters	2							2
	Total								144

- Faculty have good number of books published, and papers in National/International Conference Proceedings
- The Institution conducted workshops, Seminars, on Intellectual Property Rights (IPR) and Industry-Academia and many innovative practices during the academic year.
- Good number of Seminars /workshops were conducted by the college.
-

Observations & Suggestions:
Number of faculty research publications should be increased in peer reviewed journals.'

Extension programs
- The College organized number of extension and outreach programmes in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc,
- Under CEA (Centre for Extension Activities) of the institution has conducted 40 extension and outreach programs to help public and solve issues, identified in areas located around the college.

- The following are the extension activities for the academic year 2021-22

S.NO	Name of the Activity	Date of Activity
1.	National Pollution Control (Elocution)	02-11-2021
2.	National Cancer (Awareness Program)	07-11-2021
3.	Food Distribution to Flood Hit Areas – (	26/11/2021
4.	Groceries Distribution to Jawed Cyclone	02-12-2021
5.	International Human Rights (Awareness	10-12-2021
6.	Energy Conservation (Essay Writing)&	14-12-21 to 18-12-21
7.	Covid Vaccination (Drive inside the	17-12-2021
8.	Sapling Plantation	21-12-2021
9.	National Mathematics (Elocution)	22-12-2021
10.	National Consumer (Elocution)	24-12-2021
11.	Ban On Plastic (Awareness Program)	31-12-2021
12.	Indian Red Cross Society (Blood	06-01-2022
13.	National Youth (Elocution, Rangoli, and	12-01-2022
14.	National Voters Day	25-01-2022
15.	Martyrs' Day/Sarvodaya Day	30-01-2022
16.	World Wetlands Day (Awareness	02-02-2022
17.	World Cancer Day (Awareness Program)	04-02-2022
18.	National De-Worming Day (Elocution)	10-02-2022
19.	World Day Of Social Justice (Awareness	20-02-2022
20.	Narayana Medical College (Blood	23-02-2022
21.	Covid Vaccination For Ist , IInd And	24-02-2022
22.	National Science Day (Working Model	28-02-2022
23.	Dental Check Up (Camp- Outside the	11-03-2022
24.	Sun Stroke Remedies (Rally &	14-03-2022
25.	General Free Health Checkup (Camp at	15-03-2022
26.	Sapling Plantation&distribution of plants	16-03-2022
27.	School Dropouts (Awareness program in	17-03-2022
28.	Awareness Rally on Covid-19 at	18-03-2022
29.	Awareness Rally on Ban on Plastic at	19-03-2022

30.	World Water (Awareness Program)	22-03-2022
31.	World Tb (Awareness Program)	24-03-2022
32.	Dr.B.R. Ambedkar Birth Day (Elocution)	14-04-2022
33.	World Malaria (Rally Outside the	25-04-2022
34.	Child Education (Awareness Program at	27-04-2022
35.	World Thalassemia (Awareness Program)	06-05-2022
36.	National Technology (Essay Writing)	11-05-2022
37.	Road Safety Measures (Rally-Outside	19-05-2022
38.	Drug Abuse, Drunk & Drive &Traffic Rules	27-05-2022
39.	Cyber Crime & Eve Teasing (Awareness	30-05-2022
40.	World No Tobacco Day (Awareness	31-05-2022

Observations & Suggestions: The college has conducted various extension programs in all aspects. Both students and faculty members are actively participated.

MOUs

o   At present, Our Institution has 29 active MOU's with reputed Companies /Industries.

o   29 activities were organized during the period 1/11/2021 to 5/6/2022 with the Companies/Industries which have done MOU with NEC, Nellore.

ACTIVE MOUs LIST (2019-2021)

Sl. No.	Dept.	Name of the institution/ industry/ corporate house	Month and Year of signing MoU	Duration	List of activities under each MOU
1.	CE	Assistive Cadd Centre	01-12-2021	3 Years	Value Added course(21-12-2021 to 31-12-2021)
					Value Added course(01-06-2022 to 04-06-2022)

No.		Name	Date	Duration	Activity
2.		Gururagvendra Ready mix plant	07-10-2018	Open End	----
3.		APSPDCL, 33Kv/11Kv Substation, Haranatha Puram , Nellore.	02/01/19	5 Years	---
4.		LabTech Innovations, 24,Rajaji street, Guduvanchery,Chennai-603 202.	02-03-21	2 years	Technical Talk on "Research Opportunities On Power System on 24-03-2022
5.		Prolific Systems & Technologies Pvt Ltd, An AI Tanmiya Group (Kuwait) Company, Panjagutta, Hyderabad	20-01-2020	3 years	Technical Talk on Introduction to Basic Concepts in PCB Design on 03-12-2021
6.	EEE	ORL Industries, #702B, Topaz Plaza, Somajiguda, Hyderabad, Telangana.	12-02-2020	3 years	Applications of Industrial Power Electronics Drives on 17-02-2022
7.		Weber India Infra Power (opc) Pvt Limited, for Energy Efficient power solutions, Plot No.3&4, APIIC-IALA, Kakuturu, Venkatachalam (M), Nellore	01-02-2021	3 Years	A Technical Talk on Artificial Intelligence in Power Sector on 30-11-2021
8.		Pantech eLearning Pvt Ltd., II Floor, Kotta Srinivasiah Charities Building, Thanjavur Street, Near Duraisamy Subway, T,Nagar, Chennai-600017	24-01-2022	3 Years	Two days workshop on IOT & Embedded System Hands on Approach, From 08-11-2021 To 09-11-2021

9.		Technotran Electronic Solutions, Nellore	20-01-2022	5 Years	Value Added Course on IOT with Node MCU from 30-05-2022 to 04-06-2022
10.	ME	Vijaya Diary, Nellore	11-06-2020	3 Years	----
11.		II Club, Hyderabad	12-02-2022	2 Years	Design and Development of Humanoid Robot 3-12-2021 to 7-12-2021
12.		Cantercadd, Nellore	05-12-2021	2Years	Awareness Program on Modern & Simulation Softwares
13.		Assistive Cadd	23-11-2021	3 Years	----
14.	ECE	Cranes Software International Ltd, Bangalore	21-09-2013	Open End	----
15.		Pantech E Learning, Chennai	24-01-2022	5 Years	Value Added Course on A Printed Circuit Board Layout design with Proteus 2-2-2022 to 4-6-2022
16.		Technotran Electronics Solutions, Nellore	20-01-2022	5 Years	Value Added Course on IOT with NODEMCU 3-5-2022 to 4-6-2022
17.		Takshila Institute of VLSI Technologies, Bangalore	16-04-2021	5 Years	Virtual Seminar on Opportunities in VLSI Design 20-11-2021
18.		Take off Edu Group,	08-08-2019	5 Years	----

		Tirupati			
19.		CoreEl Technologies, Bangalore	05-07-2020	3 Years	---
20.	CSE	Indian Servers Pvt Ltd	28-01-2020	3 Years	Value Added Course / Website Development using WordPress 30-5-2022 to 04-06-2022
21.		New Edge Overseas Consultancy Private Limited	07-01-2021	3 Years	---
22.		Code Tantra Tech Solutions Pvt Ltd	09-07-2021	3 Years	Training in Python Technologies (In Progress)
23.		Brainovision Solutions Pvt Ltd	14-06-2021	3 Years	---
24.	MBA	Karvy Stock Broking	2019	4 Years	Guest Lecture On "Credit Management" 15-03-2022
25.		Religare Private Limited	2020	3 Years	Guest Lecture On 'Customer Retention In Today's Data Driven World'
26.		Millenium University, Africa	2019	5 Years	Seminar On "Trends Shaping The Payments Industry: From Payment-Cards To Mobile Payments."
27.		VSS Innovative Technologies	13-01-2022	3 Years	---
28.	MCA	Kate Technologies	16/03/2021	3 Years	Guest Lecture on Advanced Digital Forensic Tool and

S. No.					
					Technique 27-01-2022 and 28-01-2022
29.		Brain O Vision	29/06/2021	5 Years	FDP on Cyber Security and Digital Forensics 17-03-2002 to 22-03-2022

Observations & Suggestions:

Suggested to have MOUs related to prestigious academia/Institutions.

Criterion IV: Infrastructure and Learning Resources

- The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.
- The institution has adequate facilities for sports, games (indoor, outdoor) gymnasium, etc. and cultural activities
- Library is automated using Integrated Library Management System (ILMS)
- Institution frequently updates its IT facilities including Wi-Fi
- The institution has excellent campus infrastructure.

Computing facilities details are as follows

S. No.	Purpose	Total Computers
1	Academic	643
2	Administrative	102
	Total	745

- Institution is implementing innovative teaching and learning methods through e-learning resources like :
  - ✓ IEEE
  - ✓ On-Line journals
  - ✓ e- library
  - ✓ DIGITAL LIBRARY
  - ✓ Animations
  - ✓ Simulations
  - ✓ Sharing of notes and study material
  - ✓ Download videos for demonstration

Observations & Suggestions:
The Institution is well-equipped with Infrastructure and Learning Resources

Criterion V - Student Support and Progression

Students Support

- Capability enhancement and development schemes are all developed for the student benefit in the institution.
    - Soft skill development,
    - Remedial coaching,
    - Language lab,
    - Bridge courses
    - Personal Counselling and mentoring etc.
- Students are given guidance for competitive examinations and career counselling programs are also organised.

Students Progression

- Various reputed companies have visited the college and recruited students and offered a good salary package.

S.NO.	DEPARTMENT	NO OF OFFERS FROM EACH DEPT.
1	CSE	76
2	ECE	78
3	EEE	64
4	ME	47
5	CE	17
6	EIE	10
7	MBA	27
8	MCA	18
	TOTAL	337

Student Participation and Activities

- Students had their outstanding performance in sports/cultural activities at national/international level for the academic year 2021-22
- The Alumni visits in the college, Departmental and Institute level Alumni meetings and interaction programmes are encouraged by the college for providing guidance and support the students

Observations & Suggestions:

- ✓ 42 companies/industries have visited the institution campus to provide job opportunities to the students.

Criterion VI-Governance, Leadership And Management

- The institution practices of decentralization and participative management.
- Decentralization: Decentralization of administration like Finance, Examinations, Academics, Sports, and Stores etc.
- Participative Management: Faculty members are assigned administrative responsibilities like Library, Stores, IQAC, and Examinations etc.
- Institution have a Management Information System (MIS)

Quality Improvement Strategies

☑ *Industry Interaction / Collaboration:* Expert lectures by industry personnel are being arranged for the benefit of the students to enhance their employability.

☑ *Human Resource Management:* Institute organises FDP for the benefit of the teacher and also faculty are encouraged to participate various external participation.

☑ *Examination and Evaluation:* Strictly adheres NECR-21, NECR-20 regulations as well as JNTUA examination schedule for affiliated batches.

☑ *Research and Development:* An exclusive RD cell has been established, which monitors the research profile of the faculty of all departments. It encourages the faculty to apply and avail national / international scholarships meant for faculty.

☑ *Library:* Library is fully automated for book issue and returns

Faculty Empowerment strategies

- Teachers are provided with financial support and on duty facility to attend conferences / workshops and towards membership fee of professional bodies.
- Teachers are encouraged to participate in various professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, and Faculty Development Programmes during the year.
- Total 6 professional development / administrative training programmes were organized by the College for the faculty during this year.

IQAC-Internal Quality Assurance Cell

- IQAC have been actively functioning and contributing since 2015.
- Academic and Administrative Audit (AAA) was done for previous academic years.
- Monthly Audits of all Departments, functionaries have been conducted every month based on the monthly reports submitted by various departments and cells. Corrective actions are initiated for improvement by the internal committee members.
- Two quality initiatives (02) are organised by IQAC during this academic year.

Suggestions:

Faculty participation in conferences / workshop / Symposium may be enhanced.

Criterion VII– Institutional Values and Best Practices

Gender equity programmes

Anti-ragging and gender free mandates are highlighted and followed.

Number of awareness programme against sexual harassment carried out and gender Equality : 22

S.No.	Date	Name Of The Programme	Student Participation
1.	1-11-2021	Awareness Program On Health Issues	102
2.	16-06-2021	Beti Bachao Beti Padao	122
3.	27-1-2022	"International Day For The Elimination Of Violence	50

		Against Women"	
4.	28-10-2021	Awareness Program On Breast Cancer	247
5.	09-11-2021	Stay Secure Stay Vigilant	247
6.	18-12-2021	Fem Splash 2k21	546
7.	09-04-2022	Fem Sparkle 2k22	345
8.	08-03-2022	International Women's Day	259
9.	16-04-2022	An Awareness Program On " Women Role In Entrepreneurship And Cancer Awareness"	100
10.	16-11-2021	Can Education Solve Issues Of Inequality Of Women"	120
11.	21-03-2022	Fight For Survival In Society	90
12.	23-06-2021	Women's Empowerment	73
13.	27-07-2021	Women Safety-Disha Sos	209
14.	23-04-2022	Role Of Women In Society	158
15.	30-05-2022	Gynic Issues And Sanitization For Women	89
16.	25-11-2021	Women Fight Against Odds For Survival In Society	109
17.	19-11-2021	"National Integration Day" & " Indira Gandhi Birthday Celebrations	125
18.	11-02-2022	Awareness Program On International Day Of Women & Girls In Science	70
19.	09-11-2021	" Stay Secure Stay Vigilant "	146
20.	26-08-2021	Women's Equality Day (An Awareness Program On "Legal Rights For Women ")	92
21.	19-02-2022	An Awareness Program On "Teenage Health Issues For Girl Students"	228
22.	13-04-2022	Women Rights And Safety	50

Environmental Consciousness

- Solar plant has been deployed in the campus as alternate energy initiatives.

Differently- abled (Divyangjan) friendliness

The following facilities are available for friendliness of Divyangjan
- ✓ Physical facilities
- ✓ Provision for lift
- ✓ Ramp/ Rails
- ✓ Rest Rooms
- ✓ Screen Reading Software/facilities
- ✓ Scribes for examination

Strengths, Weaknesses and of Recommendations

Following are the Observations & Suggestions from the academic and administrative audit conducted on **01.10.2022** for the academic year 2021-22.

Institute Strengths:
1. Student activity point program and built-in value added courses.
2. Strictly adhered to academic calendar.
3. Green and good ambiance of the institution.
4. Excellent placement training.
5. Energy efficient campus with renewable energy sources
6. Well qualified faculty
7. Student internship programs
8. Counselling and mentorship

Institute Weaknesses:
1. NIRF Ranking
2. Focus on Research & development.
3. Patent publications
4. Consultancy and sponsored projects.

Recommendations:
1. Improve the higher package placements
2. Professional society body's membership should increase from faculty.
3. Increase on-campus recruitment drives
4. Faculty publications in web of sciences & Scopus indexed journals
5. Organize a national level conference
6. Conduct international level events

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