



6.5.2

*The institution reviews its teaching learning process,
structures & methodologies of operations and
learning outcomes at periodic intervals through
IQAC*

1	Internal Academic Audit Report
2	External Academic Audit
3	MOUs & Patents & Books



NARASARAOPETA
ENGINEERING COLLEGE
(AUTONOMOUS)

***Internal Academic
Audit Report***

Dated: 12-09-2024

CIRCULAR

The Faculty members are constituted to perform Internal Academic Audit for the Audit Academic Year 2023-24 as given below. Coordinators must fill the audit form and duly signed report must be submitted to the coordinator IQAC on or before 26th September 2024.

S.No.	Names of the Staff Member	Dept.	Dept. to be Audited
1	Dr.K.Raju, Co-ordinator	ECE	CIVIL
2	Dr.A.V.Nageswara Rao	ECE	
3	Dr.R.Mohan Ramana	BSH	
4	Dr. Sk. Rafi	BSH	
5	Dr.K.LakshmiNadh, Co-ordinator	CSE	MECH
6	Dr. Y.V. Lakshmaiah	ECE	
7	Dr.K.Neeraja	BSH	
8	Dr.Ch.Maheswari	BSH	
9	Dr.S.V.N.Sreenivasu, Co-ordinator	CSE	EEE
10	Dr.S.Siva Nageswara Rao	CSE	
11	Dr.T.Anjanuyulu	BSH	
12	Dr.M.Venkanna Babu	ME	
13	Dr.MD.Shareef, Co-ordinator	EEE	ECE
14	Dr.SK.Mohiddin Shaw	BSH	
15	Dr.V.Poli Reddy	BSH	
16	Dr. K. Suresh Babu	CSE	
17	Dr.P.Suresh Babu, Co-ordinator	ME	CSE
18	Dr.B.Suneetha	ECE	
19	Dr.G.Giridhar Babu	BSH	
20	Dr.G.Dharmaiah	BSH	
21	Dr.V.V.A.S.Lakshmi, Co-ordinator	CSM	IT& AI
22	Dr.K.Srinivasa Rao	ECE	
23	Dr.SK.Bajid vali	ECE	
24	Dr.M.sireesha	CSE	
25	Dr.Md. Javeed Ahmad, Co-ordinator	ECE	CS, DS, AIML
26	Dr. Sk. Nannu Saheb	ECE	
27	Dr. V. Aruna	BS&H	
28	Dr. M. Aravind	MBA	
29	Dr.B.Jhansi Vazaram, Co-ordinator	IT	BS&H
30	Mr.P.S.S.Chakravarthi	ECE	
31	Dr.SK.Ebraheem Khaleelulla	ECE	
32	Dr. E. Rama Krishna	CSE	
33	Dr.Y.Lakshman Kumar, Co-ordinator	BSH	MBA
34	Dr. B. Siva Nageswara Rao	ECE	
35	Dr. J. Brahmaiah Naik, Co-ordinator	ECE	MCA
36	Dr. Y. Jaipal Reddy	ECE	

Copy to
Concerned Members through HOD
Chairman/Secretary for Information.
Encl:
Audit format



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(Signature)

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(AUTONOMOUS)
NARASARAOPETA - 522 601
Guntur (Dist.). A.P.

NEC/IQAC/CIR/2024/12

Date: 12-09-2024

CIRCULAR

All the Heads of the Departments are to ensure that their concerned Department is ready to undergo external Academic and Administrative Audit for 2023-24 and the same is to be completed against the dates mentioned below. The following internal faculty coordinators will assist external audit members. Auditors must fill the format enclosed here with and duly signed report must be submitted to coordinator- IQAC within a week after the day of audit.

S.No.	Name of the Faculty Coordinator	Dept.	Dept. to be verified	Dates of Audit
1	Dr. K. Raju	ECE	CIVIL	30-09-2024
2	Dr.K.LakshmiNadh	CSE	MECH	03-10-2024
3	Dr.S.V.N.Sreenivasu	CSE	EEE	01-10-2024
4	Dr.MD.Shareef	EEE	ECE	04-10-2024
5	Dr.P.Suresh Babu	ME	CSE	05-10-2024
6	Dr.V.V.A.S.Lakshmi	CSM	IT & AI	05-10-2024
7	Dr.Md. Javeed Ahmad	ECE	CS, DS, AIML	05-10-2024
8	Dr.B.Jhansi Vazaram	IT	BS&H	28-09-2024
9	Dr.Y.Lakshman Kumar	BSH	MBA	28-09-2024
10	Dr.Y.Lakshman Kumar	BSH	MCA	05-10-2024

Copy to
Concerned Members through HOD,
IQAC-Coordinator,
Chairman/Secretary for Information.

Encl:
Audit format.

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NARASARAOPETA - 522 601
Guntur (Dist.), A.P.



Narasaraopeta Engineering College

(Autonomous)

Approved by AICTE, Permanently affiliated to JNTUK,
Kakinada

Accredited by NBA, NAAC with 'A' Grade

Kotappakonda Road, Yellamanda Post, Narasaraopet - 522601 Guntur Dist.,
A.P.

Phone No.08647-239903

ACADEMIC AUDIT FORMAT (WITH EFFECT FROM 2021-22 A.Y)

Features of Academic Audit

A.Y: 2023-24

- Academic Audit Format is designed to incorporate the guidelines provided by National Knowledge Commission for various parameters.
- Academic Audit Format is designed to incorporate the most of the parameters related to various stake holders.
- 1000 point evaluation on nearly 115 activities and sub activities.
- Evaluation is based on eight different parameters indicating academic ambience at the campus.
- Proper weightage to each parameter as shown below.

S.NO	Parameters of Evaluation	Max. Marks	Weightage in %
1	Curricular Aspects	100	10.0
2	Teaching & Learning Processes	200	20.0
3	Course Outcomes and Program Outcomes	100	10.0
4	Students support & Progression	150	15.0
5	Faculty Information and Contributions	150	15.0
6	Infrastructure & learning Resources	150	15.0
7	Student's Feedback and Corrective Action	50	05.0
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	100	10.0
	Total	1000	100.0

- Evaluation is more objective rather than subjective.
- Evaluation provides the specific information about the shortcomings.
- Academic Audit Format includes evaluation of system, students and faculty.
- Evaluation of faculty includes evaluation by students as well as higher officer.
- Evaluation of students includes internal continuous evaluation, end semester evaluation, curricular and co-curricular evaluation and placement.
- Evaluation includes infrastructural and other facilities provided by the institute/department for overall development of students.
- Academic Audit Format manual is being prepared to facilitate the institute/department and the auditor to furnish the information and to evaluate respectively.



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A.P.

Phone No.08647-239903

DEPARTMENT OF Civil ENGINEERING

Academic Audit Report

(To be filled up by Academic Experts)

Academic Year: 2023-24

1. Name of the Auditor : Dr K. Raju
- Designation : Professor
- Address : Dept. AECE
- Contact Number : 9493451237
- Email id : rajukolluri@gmail.com
2. Name of the Auditor : Dr R. Mohana Ramana
- Designation : Associate Professor
- Address : Dept. of BSH
- Contact Number : 9492075546
- Email id : mohana ramana crypto@gmail.com
3. The days and dates of Visit : 26/09/2024 & 05/10/2024




Criterion 5: Faculty Information and Contributions

Sr. No	Description	Marks Assigned	Marks Secured
1	List of Faculty (Name, Designation, Qualification, DoJ)	05	5
2	Class Time Tables, Individual Time Tables	10	10
3	Faculty Research publications(Journals/Conferences)	10	2
4	Books Published	05	3
5	Patents	05	-
6	Module/ Course Development	15	-
7	FDPs/Training Programs/STTPs/Workshops/Webinars/Conferences etc. Organized	15	15
8	FDPs/Training Programs/STTPs/Workshops/Webinars etc. Attended	20	18
9	Faculty Ph.D guidance (Supervisor/Co- Supervisor) with Scholar details	05	5
10	List of Sponsored/Funded projects (SERB, DST, AICTE, UGC, etc.)	10	-
12	Consultancy details • Amount spent on developing facility, training teacher / staff for undertaking Consultancy • Consultancy amount generated	10	10
13	Seed money provided to faculty	10	-
14	Financial support to faculty to attend FDP, Workshop/seminars/conferences etc.	10	-
15	Faculty Appraisal	10	10
16	Visiting/Adjunct/Emeritus Faculty etc. file	10	-
Total		150	78

Any additional comments/feedback/observations/advice which may or may not be based on above points:

- Faculty research publications can be improved

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Rs.

Sr. No	Description	Marks Assigned	Marks Secured
1	Quality of Internal Semester Question Papers	10	10
2	Mapping of questions with COs and Blooms taxonomy	20	20
3	Course Articulation Matrix	20	10
4	Assessment Tools and Processes	20	15
	A) Direct Assessment - Internal and External Examinations B) Indirect Assessment - Course End Survey, Program Exit Survey, Employer Survey, Alumni Survey etc.		
5	Batch wise CO attainment and CO- PO attainment for all courses. (Excel Sheet)	30	20
Total		100	75
Any additional comments/feedback/observations/advice which may or may not be based on above points:			—

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 NARASARAO PETA ENGINEERING COLLEGE
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Criterion 4: Students support & Progression

Sr. No	Description	Marks Assigned	Marks Secured
1	Student Admission List A) I Year B) Lateral Entry	05	5
2	Student Promotion Lists, Student Condonation Lists, Student Detention List	15	15
	No. of students benefited by scholarship	10	10
3	Student Monthly Attendance Reports	10	10
4	Student Internal Marks Reports (Consolidated)	10	10
	Result Analysis A) Success Rate in the stipulated period(Without Backlog) B) Success Rate in the stipulated period(With Backlog) C) Academic Performance in I Year D) Academic Performance in II Year	24	20
3	Placement, Higher Studies and Entrepreneurship A) Company-wise placement list with packages B) Unique Placement List C) List of Students opted for Higher Studies D) List of Students who became Entrepreneurs with proofs E) No.of students qualified competitive exams GRE, TOEFL, GMAT, CAT, GATE, PGECET etc	30	25
4	Professional Activities A) Professional Societies/Chapters and organizing Engineering Event i) Availability and activities of professional societies or chapters ii) Number, quality of Engineering Events organized at Institute iii) Attended Engineering Events at Institute/State/National/International level B) Publication of Technical Magazines, Newsletters, etc. i) Quality and relevance of the contents and print material ii) Participation of students from the program C) Participation in Inter-Institute Events by students of study (at other Institutions) i) Events within the state ii) Events outside the state iii) Prizes/Awards received in such events	40	38
5	Alumni Activities	06	5
	Total	130	138
Any additional comments/feedback/observations/advice which may or may not be based on above points:			

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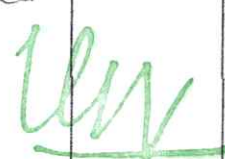
8. Career Guidance, Training, Entrepreneurship and Extra Curricular Activities

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	List of Career Guidance Programs organized	10	10
2	Pre-placement Training Details Capacity development & skill enhancement activities --soft skills, Language skills, Yoga	20	20
3	List of Entrepreneurship/IIC programs	20	20
4	Students participated/won prizes in Sports 1. Number of sports events / competitions organised by the institution 2. Number of awards/medals for outstanding performance in sports activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	10	-
5	NSS and NCC details of activities 1. Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year 2. Number of awards and recognition received, its teachers and students for extension activities from Government / Government-recognised bodies 3. Number of extension and outreach programmes conducted by the institution through NSS/NCC during the year 4. Number of students participating in extension activities	30	30
6	List of students won prizes in cultural events 1. Number of cultural events / competitions organised by the institution 2. Number of awards/medals for outstanding performance in sports activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	10	-
Total		100	70
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<p>Extra curricular activities & the students' course encouraged.</p> <p style="text-align: right;"><i>[Signature]</i></p>			-



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Criterion 6: Infrastructure & learning Resources

Sr.No.	Sub-parameter	Marks Assigned	Marks Secured
1	No of class rooms	4	4
2	No.of Class rooms & seminar halls with ICT facilities	5	4
3	No of laboratories	10	8
4	No of tutorial rooms	1	1
5	Faculty rooms/cabins	5	5
6	Equipment available (curricula and cost wise)	20	20
7	Computing facilities (including software)	10	-
8	Research facilities	10	10
9	Electric power available for 24x7	8	8
10	Audio visual facilities	5	5
11	Class rooms furniture (quantity and quality)	4	4
12	Laboratories I) furniture (quantity and quality) II) Logbook, Lab Manual, Sample Records III) Stock Register with Bills	10	10
13	No of books, e-library, online journals and printed journals related to programme in the central library	15	15
14	Departmental library A) No. of Titles B) No. of Volumes C) No. of Natinal Journals/Magazines D) No. of International Journals E) Digital Library Facility F) Library expenditure	10	10
15	Internet, wi-fi facility and Band width	8	8
16	Student Computer Ratio	5	-
17	E content development facility	10	-
18	Improvement and maintenance made in infrastructural facilities during last year	10	-
Total		150	112
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<p>- Computer lab facilities are to be provided</p>			
 IQAC		 PRINCIPAL NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS) NARASARAOPET - 522 601 Guntur (Dist.), A.P.	

7. Student's Feedback and Corrective Action

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	Students Satisfactory survey (SSS)	10	10
2	Feedback during the semester		
	Frequency of obtaining student's feedback		
	Corrective action taken at the departmental level	20	20
3	Suggestion box		
	Availability of suggestion box	2	2
	How frequently suggestion box is opened?	2	2
	Corrective action taken for suggestions at the departmental level	1	1
4	Parent's Feedback, Employer's Feedback, Alumni Feedback, Hosteller's Feedback	15	10
	Total	50	44
Any additional comments/feedback/observations/advice which may or may not be based on above points:			

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 Guntur (Dist.), A.P.

Summary

S.No.	Parameters of Evaluation	Page No.	Max Marks	Marks Scored
1	Curricular Aspects	4	100	89
2	Teaching & Learning Processes	5	200	170
3	Course Outcomes and Program Outcomes	6	100	75
4	Students support & Progression	7	150	138
5	Faculty Information and Contributions	8	150	78
6	Infrastructure & learning Resources	9	150	112
7	Student's Feedback and Corrective Action	10	50	44
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	11	100	70
Total			1000	776

Grading System:

Grade	Details	Total Marks scored
A+	Excellent	880 and above
A	Good	700-879 ✓
B	Acceptable	550-699
C	Not-acceptable	Below 550

1. Strengths

- ① Laboratories are good
- ② No. of Internships are good in various organizations

2. Weaknesses

- ① Student Faculty ratio is to be improved
- ② No. of students admissions are poor

3. Suggestions on information

- ① Faculty to be encouraged in research activities

- ② Students are encouraged in Entrepreneurships

- ③ encouraged to participate in various extra curricular activities

1. Curricular Aspects

Sr. No.	Sub-parameter	Marks Assigned	Marks Scored
1	Curricula content to provide understanding of concepts of (with sufficient practical exposure)		
	Mathematics and basic sciences.	5	5
	Basic engineering subjects	5	5
	Management and Humanities	4	4
	Programme core	20	20
	Elective subjects	4	4
	Interdisciplinary elective subjects	2	2
	Communication and computer skills	5	5
	Proficiency in analysis, synthesis, modeling & simulation and Problem-solving skills	5	5
	Innovative and creative abilities	5	3
	Human skills and relations, professional ethics, environment	5	5
	Entrepreneurial skills	5	3
	Hands on training and other industrial needs	5	4
	Self-learning practices-MOOCs	5	5
2	DAC, PAC and BOS meeting minutes	10	4 (DAC, BOS)
3	Revision/Upgradation of the curriculum to incorporate appropriate new knowledge systems (based on BoS meeting)	15	15
Total		100	89
Additional comments/feedback/observations/advice which may or may not be based on above points:			

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(12/08/2024)

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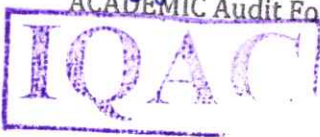
2 Teaching & Learning Processes

Sr. No	Description	Marks Assigned	Marks Secured
1	Academic Calendar	05	5
2	Syllabus Book	10	10
3	Teaching practices- A. Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences B. ICT enabled tools for effective Teaching	10	10
3	Course File	20	15
4	Remedial Classes A) Methodology to identify Slow Learners B) Circular C) List of Slow Learners D) Attendance sheet with marks E) Syllabus coverage F) Impact Analysis	15	15
5	Mentoring	10	10
6	CRC meetings	10	10
7	Student Projects (Main/Mini projects) A. Projects identification and guide allocation Process B. Project domain/area classification C. Project Reviews D. Identification of Best Projects F. Publication in Journal/Conference	50	45
8	Industry Interaction/Training programs A. Industry Supported Laboratories, utilization and effectiveness B. Industry involvement in the program design and Curriculum (BoS / any other Industry person) C. Field work & Internship reports D. No. of value added courses & students enrolled E. Industry involvement in partial delivery of any regular courses for students F. No. of Students benefited by the training. G. No of MoU's	70	50
Total		200	170
Additional comments/feedback/observations/advice which may or may not be based on above points:			
<p>- Involvement of Industry in the development of labs to be improved</p> <p>- procedure to develop the best project to be clearly written</p>			

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Phone No.08647-239903

ACADEMIC AUDIT FORMAT (WITH EFFECT FROM 2021-22 A.Y)

Features of Academic Audit

- Academic Audit Format is designed to incorporate the guidelines provided by National Knowledge Commission for various parameters.
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- 1000 **point** evaluation on nearly 115 activities and sub activities.
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6	Infrastructure & learning Resources	150	15.0
7	Student's Feedback and Corrective Action	50	05.0
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	100	10.0
	Total	1000	100.0

- Evaluation is more objective rather than subjective.
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Academic Audit Format manual is being prepared to facilitate the institute/department and the auditor to furnish the information and to evaluate respectively.



Narasaraopeta Engineering College

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A.P
Phone No.08647-239903

DEPARTMENT OF CS, DS, AIML ENGINEERING
Academic Audit Report

(To be filled up by Academic Experts)

Academic Year: 2023-24.

1. Name of the Auditor : Dr. MD Javeed Ahammed
Designation : Associate Professor
Address : Department of ECE
Contact Number : 9908826851
Email id : ahammed.javeed@gmail.com
2. Name of the Auditor : Dr. M. ARAVIND
Designation : Professor
Address : Department of MBA
Contact Number : 9491337326
Email id : maddaliaravind@gmail.com
3. The days and dates of Visit : 25/9/2024.

1. Md. Javeed Ahammed (Dr. MD Javeed Ahammed)

2. Srinivas (Dr. S.K. Nannu Srinivas)

3. V. Aruna (Dr. V. ARUNA)

4. M. Aravind (Dr. M. ARAVIND)



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(AUTONOMOUS)

NARASARAOPET - 522 601

Guntur (Dist.), A.P.

Summary

S.No.	Parameters of Evaluation	Page No.	Max Marks	Marks Scored
1	Curricular Aspects	4	100	100
2	Teaching & Learning Processes	5	200 ¹⁴⁰	120
3	Course Outcomes and Program Outcomes	6	100 _{62.5}	50.5
4	Students support & Progression	7	150 ¹¹⁴	98
5	Faculty Information and Contributions	8	150	90
6	Infrastructure & learning Resources	9	150	88
7	Student's Feedback and Corrective Action	10	50	20
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	11	100	75
Total			1000	643.5

866.5

~~699.9~~
74.

Grading System:

Grade	Details	Total Marks scored
A+	Excellent	880 and above
A	Good ✓	700-879
B	Acceptable	550-699
C	Not-acceptable	Below 550

1. Strengths *Good*

2. Weaknesses —

3. Suggestions on information



UW

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NARASARAOPETA
Guntur (Dist. Guntur)

Acceptable
For Dept. of CS, DS, AIML.

They are Not having Final per Students, but upto now they are maintaining the files as per schedule, in all Criterion aspects.

A Joneed Abanneed *M. H. ...*

1. Curricular Aspects

Sr. No.	Sub-parameter	Marks Assigned	Marks Scored
1	Curricula content to provide understanding of concepts of (with sufficient practical exposure)		
	Mathematics and basic sciences.	5	5
	Basic engineering subjects	5	5
	Management and Humanities	4	4
	Programme core	20	20
	Elective subjects	4	4
	Interdisciplinary elective subjects	2	2
	Communication and computer skills	5	5
	Proficiency in analysis, synthesis, modeling & simulation and Problem-solving skills	5	5
	Innovative and creative abilities	5	5
	Human skills and relations, professional ethics, environment	5	5
	Entrepreneurial skills	5	5
	Hands on training and other industrial needs	5	5
	Self-learning practices-MOOCs	5	5
2	DAC, PAC and BOS meeting minutes	10	10
3	Revision/Upgradation of the curriculum to incorporate appropriate new knowledge systems (based on BoS meeting)	15	15
Total		100	100
Additional comments/feedback/observations/advice which may or may not be based on above points:			

1. Javed Ahmed (Dr. Javed Ahmed)

2. S. Anusay (Dr. S. Anusay Sahub)

3. V. Aruna (Dr. V. ARUNA)

4. M. Anand (Dr. M. ANAND)



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(AUTONOMOUS)

2 Teaching & Learning Processes

Sr. No	Description	Marks Assigned	Marks Secured
1	Academic Calendar	05	5
2	Syllabus Book	10	10
3	Teaching practices- A. Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences B. ICT enabled tools for effective Teaching	10	Nil
3	Course File	20	20
4	Remedial Classes A) Methodology to identify Slow Learners B) Circular C) List of Slow Learners D) Attendance sheet with marks E) Syllabus coverage F) Impact Analysis	15	15
5	Mentoring	10	10
6	CRC meetings	10	10
7	Student Projects (Main/Mini projects) A. Projects identification and guide allocation Process B. Project domain/area classification C. Project Reviews D. Identification of Best Projects F. Publication in Journal/Conference	50	Not Applicable
8	Industry Interaction/Training programs A. Industry Supported Laboratories, utilization and effectiveness Nil B. Industry involvement in the program design and Curriculum (BoS / any other Industry person) ✓ C. Field work & Internship reports ✓ D. No. of value added courses & students enrolled ✓ E. Industry involvement in partial delivery of any regular courses for students NO F. No. of Students benefited by the training. ✓ G. No of MoU's 3 ✓	70 60	50
Total		200	170

Additional comments/feedback/observations/advice which may or may not be based on above points:

Typical year students are not
interested for projects.



[Signature]

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NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

NARASARAOPETA, 522 604

Guntur (Dist.), A.P.

1. Jaxal Ahmed 2. Shrasey 3. V. Anura

3: Course Outcomes and Program Outcomes

Sr. No	Description	Marks Assigned	Marks Secured
1	Quality of Internal Semester Question Papers	10	8
2	Mapping of questions with COs and Blooms taxonomy	20	15
3	Course Articulation Matrix	20	20
	Assessment Tools and Processes	20	
4	(A) Direct Assessment - Internal and External Examinations 5/10	5	5
	(B) Indirect Assessment - Course End Survey, Program Exit Survey, Employer Survey, Alumni Survey etc. N.A	15	12.5
5	Batch wise CO attainment and CO- PO attainment for all courses. (Excel Sheet)	30 (N.A)	-
Total		100	
Any additional comments/feedback/observations/advice which may or may not be based on above points: Assessment has not finalized			62.5 50.5

1. Javeed Ahmed (Dr. MD Javeed Ahmed)

2. Sbransay (Dr. Sbransay)

3. V. Aruna (Dr. V. ARUNA)

4. M. Aravind (Dr. M. ARAVIND)



[Signature]
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 (AUTONOMOUS)
 NARASARAOPETA - 522 501
 Guntur (Dist.) A.P.

Criterion 4: Students support & Progression

Sr. No	Description	Marks Assigned	Marks Secured
1	Student Admission List A) I Year B) Lateral Entry	05	5
2	Student Promotion Lists, Student Condonation Lists, Student Detention List	15	15
	No. of students benefited by scholarship <i>Nil</i>	10	0
3	Student Monthly Attendance Reports	10	10
4	Student Internal Marks Reports (Consolidated)	10	10
	Result Analysis		
2	A) Success Rate in the stipulated period(Without Backlog) B) Success Rate in the stipulated period(With Backlog) C) Academic Performance in I Year D) Academic Performance in II Year	24	24
3	Placement, Higher Studies and Entrepreneurship A) Company-wise placement list with packages B) Unique Placement List C) List of Students opted for Higher Studies D) List of Students who became Entrepreneurs with proofs E) No. of students qualified competitive exams GRE, TOEFL, GMAT, CAT, GATE, PGECET etc	30 NA	—
4	Professional Activities A) Professional Societies/Chapters and organizing Engineering Event i) Availability and activities of professional societies or chapters <i>Nil</i> ii) Number, quality of Engineering Events organized at Institute iii) Attended Engineering Events at Institute/State/National/International level B) Publication of Technical Magazines, Newsletters, etc. I) Quality and relevance of the contents and print material II) Participation of students from the program C) Participation in Inter-Institute Events by students of study (at other Institutions) i) Events within the state ii) Events outside the state iii) Prizes/Awards received in such events	40	36
5	Alumni Activities	06 NA	—
Total		150 114	98

Any additional comments/feedback/observations/advice which may or may not be based on above points:



Not applicable

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NARASARAOPETA - 522 601
Guntur (Dist.), A.P.

1. J. J. 2. A. S. 3. V. A. 4. M. A.

Criterion 5: Faculty Information and Contributions

Sr. No	Description	Marks Assigned	Marks Secured
1	List of Faculty (Name, Designation, Qualification, DoJ)	05	05
2	Class Time Tables, Individual Time Tables	10	10
3	Faculty Research publications(Journals/Conferences)	10	10
4	Books Published	05	00
5	Patents	05	00
6	Module/ Course Development ()	15	03
7	FDPs/Training Programs/STTPs/Workshops/Webinars/Conferences etc. Organized	15	15
8	FDPs/Training Programs/STTPs/Workshops/Webinars etc. Attended	20	20
9	Faculty Ph.D guidance (Supervisor/Co- Supervisor) with Scholar details ()	05	05
10	List of Sponsored/Funded projects (SERB, DST, AICTE, UGC, etc.)	10	00
12	Consultancy details • Amount spent on developing facility, training teacher / staff for undertaking Consultancy • Consultancy amount generated	10	00
13	Seed money provided to faculty	10	00
14	Financial support to faculty to attend FDP, Workshop/seminars/conferences etc.	10	00
15	Faculty Appraisal	10	10
16	Visiting/Adjunct/Emeritus Faculty etc. file	10	00
Total		150	90
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<p>1. Javeed Ahamed (Dr. MD. Javeed Ahamed)</p> <p>2. S. Anas (Dr. S. Anas)</p> <p>3. U. Aruna (Dr. V. ARUNA)</p> <p>4. M. Anand (Dr. MARAVIND)</p>			



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Criterion 6: Infrastructure & learning Resources

Sr.No.	Sub-parameter	Marks Assigned	Marks Secured
1	No of class rooms	4	4.
2	No.of Class rooms & seminar halls with ICT facilities	5	5
3	No of laboratories	10	10
4	No of tutorial rooms (Not Available)	1	00
5	Faculty rooms/cabins	5	05
6	Equipment available (curricula and cost wise)	20	20
7	Computing facilities (including software)	10	10.
8	Research facilities	10	00.
9	Electric power available for 24x7	8	08
10	Audio visual facilities	5	00
11	Class rooms furniture (quantity and quality)	4	04.
12	Laboratories I) furniture (quantity and quality) II) Logbook, Lab Manual, Sample Records III) Stock Register with Bills	10	10
13	No of books, e-library, online journals and printed journals related to programme in the central library	15	00
14	Departmental library A) No. of Titles (22) B) No. of Volumes (68) C) No. of National Journals/Magazines (5) D) No. of International Journals E) Digital Library Facility F) Library expenditure	10	07
15	Internet, wi-fi facility and Band width (Not Available)	8	03.
16	Student Computer Ratio (739 not out of 120 students)	5	02
17	E content development facility	10	00
18	Improvement and maintenance made in infrastructural facilities during last year	10	00
Total		150	88 ✓

Any additional comments/feedback/observations/advice which may or may not be based on above points:

Quantity of systems of work
Student computer ratio, 1:1

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7. Student's Feedback and Corrective Action

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	Students Satisfactory survey (SSS)	10	00
2	Feedback during the semester		
	Frequency of obtaining student's feedback		10
	Corrective action taken at the departmental level		10
3	Suggestion box	20	
	Availability of suggestion box		00
	How frequently suggestion box is opened?	2	00
	Corrective action taken for suggestions at the departmental level	2	00
4	Faculty, Student, Employer's, Alumni Feedback on curriculum	15	00
	Total	50	20 ✓
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<p>3, 4 files not available.</p> <p>3-SSS box not available.</p>			

1. Javed Ahamed (Dr. MIA Javed Ahamed)

2. Sr. Narayana (Dr. Senanayana Saranya)

3. V. Aruna (Dr. V-ARUNA)

4. M. Anand (Dr. M. ANAND)



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8. Career Guidance, Training, Entrepreneurship and Extra Curricular Activities

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	List of Career Guidance Programs organized	10	00
2	Pre-placement Training Details Capacity development & skill enhancement activities --soft skills, Language skills, Yoga	20	20
3	List of Entrepreneurship/IIC programs	20	20
4	Students participated/won prizes in Sports 1. Number of sports events / competitions organised by the institution 2. Number of awards/medals for outstanding performance in sports activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	10	10
5	NSS and NCC details of activities 1.Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year 2. Number of awards and recognition received, its teachers and students for extension activities from Government / Government-recognised bodies 3. Number of extension and outreach programmes conducted by the institution through NSS/NCC during the year 4. Number of students participating in extension activities	30	15
6	List of students won prizes in cultural events 1. Number of cultural events / competitions organised by the institution 2. Number of awards/medals for outstanding performance in cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	10	10
Total		100	75 /

Any additional comments/feedback/observations/advice which may or may not be based on above points:



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NARASARAOPETA - 522 601
Guntur (Dist.), A.P.

1. Javed 2. Alimuddin 3. Anas 4. V. Anurag 5. M. Anurag



Narasaraopeta Engineering College

(Autonomous)

Approved by AICTE, Permanently affiliated to JNTUK,
Kakinada

Accredited by NBA, NAAC with 'A' Grade

Kotappakonda Road, Yellamanda Post, Narasaraopet - 522601 Guntur Dist.,
A.P

Phone No.08647-239903

ACADEMIC AUDIT FORMAT (WITH EFFECT FROM 2021-22 A.Y)

Features of Academic Audit

- Academic Audit Format is designed to incorporate the guidelines provided by National Knowledge Commission for various parameters.
- Academic Audit Format is designed to incorporate the most of the parameters related to various stake holders.
- 1000 point evaluation on nearly 115 activities and sub activities.
- Evaluation is based on eight different parameters indicating academic ambience at the campus.
- Proper weightage to each parameter as shown below.

S.NO	Parameters of Evaluation	Max. Marks	Weightage in %
1	Curricular Aspects	100	10.0
2	Teaching & Learning Processes	200	20.0
3	Course Outcomes and Program Outcomes	100	10.0
4	Students support & Progression	150	15.0
5	Faculty Information and Contributions	150	15.0
6	Infrastructure & learning Resources	150	15.0
7	Student's Feedback and Corrective Action	50	05.0
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	100	10.0
	Total	1000	100.0

- Evaluation is more objective rather than subjective.
- Evaluation provides the specific information about the shortcomings.
- Academic Audit Format includes evaluation of system, students and faculty.
- Evaluation of faculty includes evaluation by students as well as higher officer.
- Evaluation of students includes internal continuous evaluation, end semester evaluation, curricular and co-curricular evaluation and placement.
- Evaluation includes infrastructural and other facilities provided by the institute/department for overall development of students.
- Academic Audit Format manual is being prepared to facilitate the institute/department and the auditor to furnish the information and to evaluate respectively.



ACADEMIC Audit Format/NEC/NRT

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Guntur (Dist.), A.P.



Narasaraopeta Engineering College

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Kakinada

Accredited by NBA, NAAC with 'A' Grade

Kotappakonda Road, Yellamanda Post, Narasaraopet - 522601 Guntur Dist.,
A.P.

Phone No.08647-239903

DEPARTMENT OF IT & AI ENGINEERING Academic Audit Report

(To be filled up by Academic Experts)

Academic Year:

1. Name of the Auditor : Dr. VVAS Lauhmi
Designation : Prof. & HOD.
Address : AIML, CS, DS, NEC
Contact Number : 9849122798
Email id : vvaslauhmi@gmail.com
2. Name of the Auditor : Dr. K. SRINIVASARAO
Designation : Assistant Professor
Address : ECE
Contact Number : 8107881721
Email id : ksrinivasarao59@gmail.com
3. The days and dates of Visit : 25/9/2024
4. Name of the Auditor : Dr. Shaik. Bajid Vali
Designation : Professor
Address : E.C.E. Dept, NEC
Contact Number : 863929451
Email id : bajid.vali@gmail.com
5. Dr. M. Sireesha.
Asst. Prof.
Dept. of CSE, NEC.
9492468445.

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Guntur (Dist.) A.P.

Summary

S.No.	Parameters of Evaluation	Page No.	Max Marks	Marks Scored
1	Curricular Aspects	4	100	93
2	Teaching & Learning Processes	5	200	167
3	Course Outcomes and Program Outcomes	6	100	57
4	Students support & Progression	7	150	117
5	Faculty Information and Contributions	8	150	64
6	Infrastructure & learning Resources	9	150	126
7	Student's Feedback and Corrective Action	10	50	20
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	11	100	50
Total			1000	694

Grading System:

Grade	Details	Total Marks scored
A+	Excellent	880 and above
A	Good	700-879
B	Acceptable	550-699
C	Not-acceptable	Below 550

1. Strengths

- Teaching & Learning Process is good
- Good team work of the faculty
- Infrastructure is good

2. Weaknesses

- Need to improve placement with good package
- Better to improve the Journal like Sci/Res of science

3. Suggestions on information

1. update files on Regular basis

2. Student training Programs
Conduct in department.

for GATE/IAS-shank

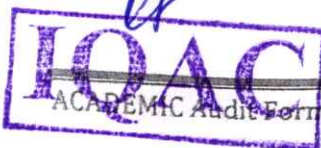
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1. Curricular Aspects

Sr. No.	Sub-parameter	Marks Assigned	Marks Scored
1	Curricula content to provide understanding of concepts of (with sufficient practical exposure)		
	Mathematics and basic sciences.	5	5
	Basic engineering subjects	5	5
	Management and Humanities	4	4
	Programme core	20	20
	Elective subjects	4	4
	Interdisciplinary elective subjects	2	2
	Communication and computer skills	5	5
	Proficiency in analysis, synthesis, modeling & simulation and Problem-solving skills	5	5
	Innovative and creative abilities	5	5
	Human skills and relations, professional ethics, environment	5	5
	Entrepreneurial skills	5	5
	Hands on training and other industrial needs	5	5
	Self-learning practices-MOOCs	5	5
2	DAC, PAC and BOS meeting minutes ✓	10	3
3	Revision/Upgradation of the curriculum to incorporate appropriate new knowledge systems (based on BoS meeting)	15	15
Total		100	93
Additional comments/feedback/observations/advice which may or may not be based on above points:			
(2) DAC & PAC not available			



ACADEMIC Audit Format/NEC/NRT

Uly

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 Guntur (Dist.), A.P.

2. Teaching & Learning Processes

Sr. No	Description	Marks Assigned	Marks Secured
1	Academic Calendar	05	4
2	Syllabus Book	10	10
3	Teaching practices- A. Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences B. ICT enabled tools for effective Teaching	10	0
3	Course File	20	17
4	Remedial Classes A) Methodology to identify Slow Learners B) Circular ✓ C) List of Slow Learners ✓ D) Attendance sheet with marks ✓ E) Syllabus coverage ✓ F) Impact Analysis ✓	15	12
5	Mentoring	10	9
6	CRC meetings	10	10
7	Student Projects (Main/Mini projects) A. Projects identification and guide allocation Process B. Project domain/area classification C. Project Reviews D. Identification of Best Projects F. Publication in Journal/Conference	50	45
8	Industry Interaction/Training programs A. Industry Supported Laboratories, utilization and effectiveness (IBM.Prg.) B. Industry involvement in the program design and Curriculum (BoS / any other Industry person) ✓ C. Field work & Internship reports ✓ D. No. of value added courses & students enrolled ✓ E. Industry involvement in partial delivery of any regular courses for students ✓ (CTAD) F. No. of Students benefited by the training. ✓ G. No of MoU's ✕	70	60

Total 200 167

Additional comments/feedback/observations/advice which may or may not be based on above points:

3) Course file: Assignment, mid scripts missing, ~~unavailable~~.

5) way of Counseling needs to be corrected.

9) Circulars missing.

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Guntur (Dist.). Page 5



3: Course Outcomes and Program Outcomes

Sr. No	Description	Marks Assigned	Marks Secured
1	Quality of Internal Semester Question Papers	10	8
2	Mapping of questions with COs and Blooms taxonomy	20	19.
3	Course Articulation Matrix	20	0
4	Assessment Tools and Processes A) Direct Assessment - Internal and External Examinations ✓ B) Indirect Assessment - Course End Survey, (50%), Program Exit Survey, Employer Survey, Alumni Survey etc.	20	15
5	Batch wise CO attainment and CO- PO attainment for all courses. (Excel Sheet)	30	15
Total		100	57
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
4. Course exit survey softcopy available. Employer survey, Alumni survey not available. 5. only softcopy.			



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Criterion 4: Students support & Progression

Sr. No	Description	Marks Assigned	Marks Secured
1	Student Admission List A) I Year B) Lateral Entry	05	5
2	Student Promotion Lists, Student Condonation Lists, Student Detention List	15	15
	No. of students benefited by scholarship	10	0
3	Student Monthly Attendance Reports	10	10
4	Student Internal Marks Reports (Consolidated)	10	10
2	Result Analysis A) Success Rate in the stipulated period(Without Backlog) B) Success Rate in the stipulated period(With Backlog) C) Academic Performance in I Year NA D) Academic Performance in II Year	24	24
3	Placement, Higher Studies and Entrepreneurship A) Company-wise placement list with packages B) Unique Placement List C) List of Students opted for Higher Studies D) List of Students who became Entrepreneurs with proofs. NA E) No.of students qualified competitive exams GRE, TOEFL, GMAT, CAT, GATE, PGCET etc	30 NA	28
4	Professional Activities A) Professional Societies/Chapters and organizing Engineering Event i) Availability and activities of professional societies or chapters ii) Number, quality of Engineering Events organized at Institute iii) Attended Engineering Events at Institute/State/National/International level B) Publication of Technical Magazines, Newsletters, etc. I) Quality and relevance of the contents and print material II) Participation of students from the program C) Participation in Inter-Institute Events by students of study (at other Institutions) i) Events within the state ii) Events outside the state iii) Prizes/Awards received in such events	40	25
5	Alumni Activities	06	0
Total		150	117
Any additional comments/feedback/observations/advice which may or may not be based on above points: → Participation in Inter Institute event by student of student not maintained			



Criterion 5: Faculty Information and Contributions

Sr. No	Description	Marks Assigned	Marks Secured
1	List of Faculty (Name, Designation, Qualification, DoJ)	05	5
2	Class Time Tables, Individual Time Tables	10	10
3	Faculty Research publications(Journals/Conferences)	10	10
4	Books Published	05	0
5	Patents	05	5
6	Module/ Course Development	15	-
7	FDPs/Training Programs/STTPs/Workshops/Webinars/Conferences etc. Organized	15	14
8	FDPs/Training Programs/STTPs/Workshops/Webinars etc. Attended	20	20
9	Faculty Ph.D guidance (Supervisor/Co- Supervisor) with Scholar details	05	0
10	List of Sponsored/Funded projects (SERB, DST, AICTE, UGC, etc.)	10	0
12	Consultancy details • Amount spent on developing facility, training teacher / staff for undertaking Consultancy • Consultancy amount generated	10	0
13	Seed money provided to faculty	10	0
14	Financial support to faculty to attend FDP, Workshop/seminars/conferences etc.	10	0
15	Faculty Appraisal	10	0
16	Visiting/Adjunct/Emeritus Faculty etc. file	10	0
Total		150	64


Any additional comments/feedback/observations/advice which may or may not be based on above points:

3. Add index for the research publication not faculty

79
8.3 Add index

15- Pending


IQAC

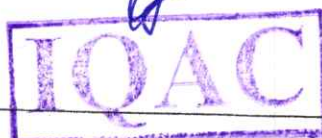

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NARASARAOPET - 522 801.
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Criterion 6: Infrastructure & learning Resources

Sr.No.	Sub-parameter	Marks Assigned	Marks Secured
1	No of class rooms	4	4
2	No.of Class rooms & seminar halls with ICT facilities	5	5
3	No of laboratories	10	10
4	No of tutorial rooms	1	1
5	Faculty rooms/cabins	5	5
6	Equipment available (curricula and cost wise)	20	20
7	Computing facilities (including software)	10	10
8	Research facilities	10	08
9	Electric power available for 24x7	8	08
10	Audio visual facilities	5	5
11	Class rooms furniture (quantity and quality)	4	4
12	Laboratories I) furniture (quantity and quality) II) Logbook, Lab Manual, Sample Records III) Stock Register with Bills	10	08
13	No of books, e-library, online journals and printed journals related to programme in the central library	15	15
14	Departmental library A) No. of Titles B) No. of Volumes C) No. of Natinal Journals/Magazines D) No. of International Journals E) Digital Library Facility F) Library expenditure	10	10
15	Internet, wi-fi facility and Band width	8	8
16	Student Computer Ratio	5	5
17	E content development facility	10	—
18	Improvement and maintenance made in infrastructural facilities during last year	10	—
Total		150	126

Any additional comments/feedback/observations/advice which may or may not be based on above points:

S.No: 7: Bill Proof should be Added
 S.No: 15 " " " " "
 S.No: 14: Collect data from CSE
 S.No: 13: Collect data from Central Library



[Signature]
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AP

7. Student's Feedback and Corrective Action

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	Students Satisfactory survey (SSS)	10	0
2	Feedback during the semester		
	Frequency of obtaining student's feedback		
	Corrective action taken at the departmental level	20	20
3	Suggestion box		
	Availability of suggestion box	2	0
	How frequently suggestion box is opened?	2	0
	Corrective action taken for suggestions at the departmental level	1	0
4	Parent's Feedback, Employer's Feedback, Alumni Feedback, Hosteller's Feedback	15	0
	Total	50	20
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
All Pending. & n 7			




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8. Career Guidance, Training, Entrepreneurship and Extra Curricular Activities

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	List of Career Guidance Programs organized	10	10
2	Pre-placement Training Details Capacity development & skill enhancement activities --soft skills, Language skills, Yoga	20	20
3	List of Entrepreneurship/IIC programs	20	20
4	Students participated/won prizes in Sports 1. Number of sports events / competitions organised by the institution 2. Number of awards/medals for outstanding performance in sports activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	10	
5	NSS and NCC details of activities 1.Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year 2. Number of awards and recognition received, its teachers and students for extension activities from Government / Government-recognised bodies 3. Number of extension and outreach programmes conducted by the institution through NSS/NCC during the year 4. Number of students participating in extension activities	30	
6	List of students won prizes in cultural events 1. Number of cultural events / competitions organised by the institution 2. Number of awards/medals for outstanding performance in sports activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	10	-
Total		100	50
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<p>3. Add certificates if possible</p> <p>4. Need to maintain sports file</p> <p>5. NSS and NCC files are not available</p>			

llm



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Narasaraopeta Engineering College
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Approved by AICTE, Permanently affiliated to JNTUK,
Kakinada
Accredited by NBA, NAAC with 'A' Grade
Kotappakonda Road, Yellamanda Post, Narasaraopet - 522601 Guntur Dist.,
A.P.
Phone No.08647-239903

ACADEMIC AUDIT FORMAT (WITH EFFECT FROM 2021-22 A.Y)

Features of Academic Audit

- Academic Audit Format is designed to incorporate the guidelines provided by National Knowledge Commission for various parameters.
- Academic Audit Format is designed to incorporate the most of the parameters related to various stake holders.
- 1000 **point** evaluation on nearly 115 activities and sub activities.
- Evaluation is based on eight different parameters indicating academic ambience at the campus.
- Proper weightage to each parameter as shown below.

S.NO	Parameters of Evaluation	Max. Marks	Weightage in %
1	Curricular Aspects	100	10.0
2	Teaching & Learning Processes	200	20.0
3	Course Outcomes and Program Outcomes	100	10.0
4	Students support & Progression	150	15.0
5	Faculty Information and Contributions	150	15.0
6	Infrastructure & learning Resources	150	15.0
7	Student's Feedback and Corrective Action	50	05.0
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	100	10.0
	Total	1000	100.0

- Evaluation is more objective rather than subjective.
- Evaluation provides the specific information about the shortcomings.
- Academic Audit Format includes evaluation of system, students **and faculty**.
- Evaluation of faculty includes evaluation by students as well as higher officer.
- Evaluation of students includes internal continuous evaluation, end **semester evaluation, curricular** and co-curricular evaluation and placement.
- Evaluation includes infrastructural and other facilities provided by the institute/department for overall development of students.
- Academic Audit Format manual is being prepared to facilitate the institute/department and the auditor to furnish the information and to evaluate respectively.

U.S.



Narasaraopeta Engineering College

(Autonomous)

Approved by AICTE, Permanently affiliated to JNTUK,
Kakinada

Accredited by NBA, NAAC with 'A' Grade

Kotappakonda Road, Yellamanda Post, Narasaraopet - 522601 Guntur Dist.,
A.P

Phone No.08647-239903

DEPARTMENT OF CSE ENGINEERING Academic Audit Report

(To be filled up by Academic Experts)

Academic Year: 2023 - 24

1. Name of the Auditor

Designation

Address

Contact Number

Email id

① Dr. P. Suresh Babu

: Associate Professor
: NEC, Narasaraopet
: 8500857969
: sureshbabudevip@gmail.com

③ Dr. G. Giridhar R-64

Assoc. Prof.

NEC,

9866777311

giri28168@gmail.com

2. Name of the Auditor

Designation

Address

Contact Number

Email id

② Dr. B. Suneetha

: Asst. Professor
: NEC, Narasaraopet
: 9247513429
: suneetha.bobbilapati@gmail.com

④ Dr. G. Dharmainah

Assoc. Prof.

NEC,

9100265109

3. The days and dates of Visit :

Tuesday and Thursday

24.09.2024 and 26.09.2024

① Ch (Dr. P. Suresh Babu)

③

N. Gally

(Dr. N. Giridhar)

② B. da (Dr. B. Suneetha)

④

[Signature]

(Dr. G. Dharmainah)

ACADEMIC Audit Format/NEC/NRT

PRINCIPAL
NARASARAOPETA ENGINEERING COLLEGE Page 2

(AUTONOMOUS)

NARASARAOPET - 522 601.

Guntur (Dist.), A.P.



Summary

S.No.	Parameters of Evaluation	Page No.	Max Marks	Marks Scored
1	Curricular Aspects	4	100	95
2	Teaching & Learning Processes	5	200	195
3	Course Outcomes and Program Outcomes	6	100	75
4	Students support & Progression	7	150	150
5	Faculty Information and Contributions	8	150	120
6	Infrastructure & learning Resources	9	150	150
7	Student's Feedback and Corrective Action	10	50	38
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	11	100	75
Total			1000	898

Grading System:

Grade	Details	Total Marks scored
A+ ✓	Excellent ✓	880 and above
A	Good	700-879
B	Acceptable	550-699
C	Not-acceptable	Below 550

1. Strengths :

- ⊗ Students support & progression is good.
- ⊗ Good in infrastructure & Learning Resources.

2. Weaknesses

- ⊗ Need improvement in updation of files.

3. Suggestions on information

- ⊗ Approach and discuss with the concerned, to fulfill the lapses in the department.

ACADEMIC Audit Format/NEC/NRT



Mr. Coel

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NARASARAO PETA - 522 601
Guntur (Dist.), A.P.

PROFESSOR & HEAD
Department of Computer Science & Engineering
NARASARAO PETA ENGINEERING COLLEGE
(AUTONOMOUS)
NARASARAO PETA - 522 601, Guntur (Dist.), A.P.

2/19/24

1. Curricular Aspects

Sr. No.	Sub-parameter	Marks Assigned	Marks Scored
1	Curricula content to provide understanding of concepts of (with sufficient practical exposure)		
	Mathematics and basic sciences.	5	5
	Basic engineering subjects	5	5
	Management and Humanities	4	4
	Programme core	20	20
	Elective subjects	4	4
	Interdisciplinary elective subjects	2	2
	Communication and computer skills	5	5
	Proficiency in analysis, synthesis, modeling & simulation and Problem-solving skills	5	5
	Innovative and creative abilities	5	5
	Human skills and relations, professional ethics, environment	5	5
	Entrepreneurial skills	5	5
	Hands on training and other industrial needs	5	5
	Self-learning practices-MOOCs	5	5
2	DAC, PAC and BOS meeting minutes	10	05
3	Revision/Upgradation of the curriculum to incorporate <i>appropriate new knowledge systems</i> (based on BoS meeting)	15	15
Total		100	95
Additional comments/feedback/observations/advice which may or may not be based on above points:			
1. DAC, PAC files to be updated.			




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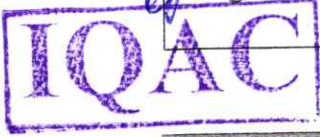
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2 Teaching & Learning Processes

Sr. No	Description	Marks Assigned	Marks Secured
1	Academic Calendar	05	5
2	Syllabus Book	10	10
3	Teaching practices- A. Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences B. ICT enabled tools for effective Teaching	10	10
3	Course File	20	15
4	Remedial Classes A) Methodology to identify Slow Learners B) Circular C) List of Slow Learners D) Attendance sheet with marks E) Syllabus coverage F) Impact Analysis	15	15
5	Mentoring	10	10
6	CRC meetings	10	10
7	Student Projects (Main/Mini projects) A. Projects identification and guide allocation Process B. Project domain/area classification C. Project Reviews D. Identification of Best Projects F. Publication in Journal/Conference	50	50
8	Industry Interaction/Training programs A. Industry Supported Laboratories, utilization and effectiveness B. Industry involvement in the program design and Curriculum (BoS / any other Industry person) C. Field work & Internship reports D. No. of value added courses & students enrolled E. Industry involvement in partial delivery of any regular courses for students F. No. of Students benefited by the training. G. No of MoU's	70	70
Total		200	195

Additional comments/feedback/observations/advice which may or may not be based on above points:

Course files filing to be done by Per
index



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3: Course Outcomes and Program Outcomes

Sr. No	Description	Marks Assigned	Marks Secured
1	Quality of Internal Semester Question Papers	10	10
2	Mapping of questions with COs and Blooms taxonomy	20	20
3	Course Articulation Matrix	20	20
4	Assessment Tools and Processes A) Direct Assessment - Internal and External Examinations B) Indirect Assessment - Course End Survey, Program Exit Survey, Employer Survey, Alumni Survey etc.	20	10
5	Batch wise CO attainment and CO- PO attainment for all courses. (Excel Sheet)	30	15
Total		100	75
Any additional comments/feedback/observations/advice which may or may not be based on above points: 1) CO-PO attainment filing not done. 2. Employer survey not done			



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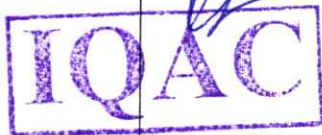
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Criterion 4: Students support & Progression

Sr. No	Description	Marks Assigned	Marks Secured
1	Student Admission List A) I Year B) Lateral Entry	05	05
2	Student Promotion Lists, Student Condonation Lists, Student Detention List	15	15
	No. of students benefited by scholarship	10	10
3	Student Monthly Attendance Reports	10	10
4	Student Internal Marks Reports (Consolidated)	10	10
2	Result Analysis A) Success Rate in the stipulated period(Without Backlog) B) Success Rate in the stipulated period(With Backlog) C) Academic Performance in I Year D) Academic Performance in II Year	24	24
3	Placement, Higher Studies and Entrepreneurship A) Company-wise placement list with packages B) Unique Placement List C) List of Students opted for Higher Studies D) List of Students who became Entrepreneurs with proofs E) No.of students qualified competitive exams GRE, TOEFL, GMAT, CAT, GATE, PGECET etc	30	30
4	Professional Activities A) Professional Societies/Chapters and organizing Engineering Event i) Availability and activities of professional societies or chapters ii) Number, quality of Engineering Events organized at Institute iii) Attended Engineering Events at Institute/State/National/International level B) Publication of Technical Magazines, Newsletters, etc. i) Quality and relevance of the contents and print material ii) Participation of students from the program C) Participation in Inter-Institute Events by students of study (at other Institutions) i) Events within the state ii) Events outside the state iii) Prizes/Awards received in such events	40	40
5	Alumni Activities	06	06
Total		150	150
Any additional comments/feedback/observations/advice which may or may not be based on above points:			



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Criterion 5: Faculty Information and Contributions

Sr. No	Description	Marks Assigned	Marks Secured
1	List of Faculty (Name, Designation, Qualification, DoJ)	05	5
2	Class Time Tables, Individual Time Tables	10	10
3	Faculty Research publications(Journals/Conferences)	10	10
4	Books Published	05	05
5	Patents	05	05
6	Module/ Course Development	15	15
7	FDPs/Training Programs/STTPs/Workshops/Webinars/Conferences etc. Organized	15	15
8	FDPs/Training Programs/STTPs/Workshops/Webinars etc. Attended	20	20
9	Faculty Ph.D guidance (Supervisor/Co- Supervisor) with Scholar details	05	5
10	List of Sponsored/Funded projects (SERB, DST, AICTE, UGC, etc.)	10	10
12	Consultancy details • Amount spent on developing facility, training teacher / staff for undertaking Consultancy • Consultancy amount generated	10	10
13	Seed money provided to faculty	10	0
14	Financial support to faculty to attend FDP, Workshop/seminars/conferences etc.	10	0
15	Faculty Appraisal	10	10
16	Visiting/Adjunct/Emeritus Faculty etc. file	10	0
Total		150	120

Any additional comments/feedback/observations/advice which may or may not be based on above points:

⊗ Seed money not sanctioned to any faculty
⊗ No. visiting/Adjunct faculty



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Criterion 6: Infrastructure & learning Resources

Sr.No.	Sub-parameter	Marks Assigned	Marks Secured
1	No of class rooms	4	4
2	No.of Class rooms & seminar halls with ICT facilities	5	5
3	No of laboratories	10	10
4	No of tutorial rooms	1	1
5	Faculty rooms/cabins	5	5
6	Equipment available (curricula and cost wise)	20	20
7	Computing facilities (including software)	10	10
8	Research facilities	10	10
9	Electric power available for 24x7	8	8
10	Audio visual facilities	5	5
11	Class rooms furniture (quantity and quality)	4	4
12	Laboratories I) furniture (quantity and quality) II) Logbook, Lab Manual, Sample Records III) Stock Register with Bills	10	10
13	No of books, e-library, online journals and printed journals related to programme in the central library	15	15
14	Departmental library A) No. of Titles B) No. of Volumes C) No. of Natinal Journals/Magazines D) No. of International Journals E) Digital Library Facility F) Library expenditure	10	10
15	Internet, wi-fi facility and Band width	8	8
16	Student Computer Ratio	5	5
17	E content development facility	10	10
18	Improvement and maintenance made in infrastructural facilities during last year	10	10
Total		150	150

Any additional comments/feedback/observations/advice which may or may not be based on above points:




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7. Student's Feedback and Corrective Action

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	Students Satisfactory survey (SSS)	10	10
2	Feedback during the semester		
	Frequency of obtaining student's feedback		10
	Corrective action taken at the departmental level	20	0
3	Suggestion box		
	Availability of suggestion box	2	2
	How frequently suggestion box is opened?	2	2
	Corrective action taken for suggestions at the departmental level	1	1
4	Parent's Feedback, Employer's Feedback, Alumni Feedback, Hosteller's Feedback	15	13
Total		50	38
Any additional comments/feedback/observations/advice which may or may not be based on above points: 1) Feedback corrective actions to be filed. 2) Alumni feedback to be updated.			




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8. Career Guidance, Training, Entrepreneurship and Extra Curricular Activities

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	List of Career Guidance Programs organized	10	10
2	Pre-placement Training Details Capacity development & skill enhancement activities --soft skills, Language skills, Yoga	20	20
3	List of Entrepreneurship/IIC programs	20	20
4	Students participated/won prizes in Sports 1. Number of sports events / competitions organised by the institution 2. Number of awards/medals for outstanding performance in sports activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	10	10
5	NSS and NCC details of activities 1.Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year 2. Number of awards and recognition received, its teachers and students for extension activities from Government / Government-recognised bodies 3. Number of extension and outreach programmes conducted by the institution through NSS/NCC during the year 4. Number of students participating in extension activities	30	15
6	List of students won prizes in cultural events 1. Number of cultural events / competitions organised by the institution 2. Number of awards/medals for outstanding performance in sports activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	10	0
Total		100	75
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<p>* NSS file is to be updated</p> <p>* cultural programs are not conducted in the college level</p>			

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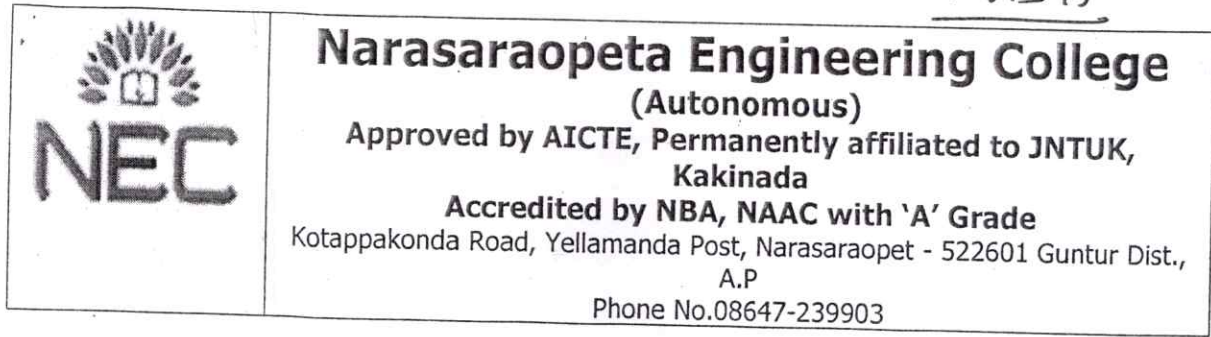
PROFESSOR & HEAD
Dept. of Computer Science & Engg
NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
NARASARAOPETA - 522 601, Guntur (Dist.)

25/9/24

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ACADEMIC AUDIT FORMAT (WITH EFFECT FROM 2021-22 A.Y)

Features of Academic Audit

- Academic Audit Format is designed to incorporate the guidelines provided by National Knowledge Commission for various parameters.
- Academic Audit Format is designed to incorporate the most of the parameters related to various stake holders.
- 1000 **point** evaluation on nearly 115 activities and sub activities.
- Evaluation is based on eight different parameters indicating academic ambience at the campus.
- Proper weightage to each parameter as shown below.

S.NO	Parameters of Evaluation	Max. Marks	Weightage in %
1	Curricular Aspects	100	10.0
2	Teaching & Learning Processes	200	20.0
3	Course Outcomes and Program Outcomes	100	10.0
4	Students support & Progression	150	15.0
5	Faculty Information and Contributions	150	15.0
6	Infrastructure & learning Resources	150	15.0
7	Student's Feedback and Corrective Action	50	05.0
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	100	10.0
	Total	1000	100.0

- Evaluation is more objective rather than subjective.
- Evaluation provides the specific information about the shortcomings.
- Academic Audit Format includes evaluation of system, students **and** faculty.
- Evaluation of faculty includes evaluation by students as well as higher officer.
- Evaluation of students includes internal continuous evaluation, end **semester evaluation, curricular** and co-curricular evaluation and placement.
- Evaluation includes infrastructural and other facilities provided by the institute/department for overall development of students.
- Academic Audit Format manual is being prepared to facilitate the institute/department and the auditor to furnish the information and to evaluate respectively.



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Kotappakonda Road, Yellamanda Post, Narasaraopet - 522601 Guntur Dist.,
A.P.

Phone No.08647-239903

DEPARTMENT OF MBA ENGINEERING Academic Audit Report

(To be filled up by Academic Experts)

Academic Year: 2023-24.

1. Name of the Auditor : Dr. Y. Lakshman Kumar
Designation : Asst. Professor
Address : BSBH Chemistry
Contact Number : 7013745964
Email id : drylakshmankumar@natec.in
2. Name of the Auditor : Dr. Siva Nageshwarao .B.
Designation : Asst. Professor
Address :
Contact Number : ECE
218 7068668
Email id : bsm2002@gmail.com
3. The days and dates of Visit : 24/9/2024 & 30/9/2024.

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NARASARAOPETA - 522 601
GUNTUR (Dist), A.P.

Summary

S.No.	Parameters of Evaluation	Page No.	Max Marks	Marks Scored
1	Curricular Aspects	4	100	73
2	Teaching & Learning Processes	5	200	185
3	Course Outcomes and Program Outcomes	6	100	30
4	Students support & Progression	7	150	102
5	Faculty Information and Contributions	8	150	65
6	Infrastructure & learning Resources	9	150	76
7	Student's Feedback and Corrective Action	10	50	48
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	11	100	60
Total			1000	639

Grading System: B

Grade	Details	Total Marks scored
A+	Excellent	880 and above
A	Good	700-879
B	Acceptable	550-699
C	Not-acceptable	Below 550

1. Strengths

Good Team work

2. Weaknesses

1. Improve file work on course outcomes & program outcomes
2. Faculty information & contributions have to improve

3. Suggestions on information

need to improve parameter 3 & 5



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1. Curricular Aspects

Sr. No.	Sub-parameter	Marks Assigned	Marks Scored
1	Curricula content to provide understanding of concepts of (with sufficient practical exposure)		
	Mathematics and basic sciences.	5	5
	Basic engineering subjects	5	5
	Management and Humanities	4	4
	Programme core	20	20
	Elective subjects	4	4
	Interdisciplinary elective subjects	2	-
	Communication and computer skills	5	5
	Proficiency in analysis, synthesis, modeling & simulation and Problem-solving skills	5	-
	Innovative and creative abilities	5	5
	Human skills and relations, professional ethics, environment	5	5
	Entrepreneurial skills	5	5
	Hands on training and other industrial needs	5	5
	Self-learning practices-MOOCs	5	-
2	DAC, PAC and BOS meeting minutes	10	10
3	Revision/Upgradation of the curriculum to incorporate <i>appropriate new knowledge systems</i> (based on BoS meeting)	15	-
Total		100	73
Additional comments/feedback/observations/advice which may or may not be based on above points:			
<p><i>Try to include Problem Solving skills</i></p>			

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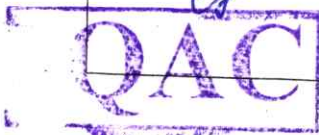
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2 Teaching & Learning Processes

Sr. No	Description	Marks Assigned	Marks Secured
1	Academic Calendar	05	5
2	Syllabus Book	10	10
3	Teaching practices- A. Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences B. ICT enabled tools for effective Teaching	10	5
3	Course File	20	20
4	Remedial Classes A) Methodology to identify Slow Learners B) Circular C) List of Slow Learners D) Attendance sheet with marks E) Syllabus coverage F) Impact Analysis	15	15
5	Mentoring	10	10
6	CRC meetings	10	10
7	Student Projects (Main/Mini projects) A. Projects identification and guide allocation Process B. Project domain/area classification C. Project Reviews D. Identification of Best Projects F. Publication in Journal/Conference	50	40
8	Industry Interaction/Training programs A. Industry Supported Laboratories, utilization and effectiveness B. Industry involvement in the program design and Curriculum (BoS / any other Industry person) C. Field work & Internship reports D. No. of value added courses & students enrolled E. Industry involvement in partial delivery of any regular courses for students F. No. of Students benefited by the training. G. No of MoU's	70	70
Total		200	185

Additional comments/feedback/observations/advice which may or may not be based on above points:

Concentrate on Publications



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3: Course Outcomes and Program Outcomes

Sr. No	Description	Marks Assigned	Marks Secured
1	Quality of Internal Semester Question Papers	10	10
2	Mapping of questions with COs and Blooms taxonomy	20	—
3	Course Articulation Matrix	20	—
4	Assessment Tools and Processes A) Direct Assessment - Internal and External Examinations B) Indirect Assessment - Course End Survey, Program Exit Survey, Employer Survey, Alumni Survey etc.	20	20
5	Batch wise CO attainment and CO- PO attainment for all courses. (Excel Sheet)	30	—
Total		100	30
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<i>Maintain CO-PO attainment</i>			

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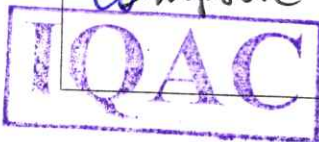
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Criterion 4: Students support & Progression

Sr. No	Description	Marks Assigned	Marks Secured
1	Student Admission List A) I Year B) Lateral Entry	05	5
2	Student Promotion Lists, Student Condonation Lists, Student Detention List	15	15
	No. of students benefited by scholarship	10	0
3	Student Monthly Attendance Reports	10	10
4	Student Internal Marks Reports (Consolidated)	10	10
2	Result Analysis A) Success Rate in the stipulated period(Without Backlog) B) Success Rate in the stipulated period(With Backlog) C) Academic Performance in I Year D) Academic Performance in II Year	24	24
3	Placement, Higher Studies and Entrepreneurship A) Company-wise placement list with packages B) Unique Placement List C) List of Students opted for Higher Studies D) List of Students who became Entrepreneurs with proofs E) No.of students qualified competitive exams GRE, TOEFL, GMAT, CAT, GATE, PGECET etc	30	20
4	Professional Activities A) Professional Societies/Chapters and organizing Engineering Event i) Availability and activities of professional societies or chapters ii) Number, quality of Engineering Events organized at Institute iii) Attended Engineering Events at Institute/State/National/International level B) Publication of Technical Magazines, Newsletters, etc. I) Quality and relevance of the contents and print material II) Participation of students from the program C) Participation in Inter-Institute Events by students of study (at other Institutions) i) Events within the state ii) Events outside the state iii) Prizes/Awards received in such events	40	12
5	Alumni Activities	06	6
Total		150	102

Any additional comments/feedback/observations/advice which may or may not be based on above points:

Improve professional Activities



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Guntur (Dist.). A.P.

Criterion 5: Faculty Information and Contributions

Sr. No	Description	Marks Assigned	Marks Secured
1	List of Faculty (Name, Designation, Qualification, DoJ)	05	5
2	Class Time Tables, Individual Time Tables	10	10
3	Faculty Research publications(Journals/Conferences)	10	10
4	Books Published	05	1
5	Patents	05	1
6	Module/ Course Development	15	1
7	FDPs/Training Programs/STTPs/Workshops/Webinars/Conferences etc. Organized	15	10
8	FDPs/Training Programs/STTPs/Workshops/Webinars etc. Attended	20	20
9	Faculty Ph.D guidance (Supervisor/Co- Supervisor) with Scholar details	05	1
10	List of Sponsored/Funded projects (SERB, DST, AICTE, UGC, etc.)	10	1
12	Consultancy details <ul style="list-style-type: none"> • Amount spent on developing facility, training teacher / staff for undertaking Consultancy • Consultancy amount generated 	10	1
13	Seed money provided to faculty	10	1
14	Financial support to faculty to attend FDP, Workshop/seminars/conferences etc.	10	1
15	Faculty Appraisal	10	10
16	Visiting/Adjunct/Emeritus Faculty etc. file	10	1
Total		150	65

Any additional comments/feedback/observations/advice which may or may not be based on above points:

Concentrate on Books, Patents and Modules.



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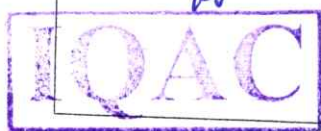

 PRINCIPAL
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Criterion 6: Infrastructure & learning Resources

Sr.No.	Sub-parameter	Marks Assigned	Marks Secured
1	No of class rooms	4	4
2	No.of Class rooms & seminar halls with ICT facilities	5	5
3	No of laboratories	10	10
4	No of tutorial rooms	1	1
5	Faculty rooms/cabins	5	5
6	Equipment available (curricula and cost wise)	20	NA
7	Computing facilities (including software)	10	5
8	Research facilities	10	NA
9	Electric power available for 24x7	8	8
10	Audio visual facilities	5	- 0 -
11	Class rooms furniture (quantity and quality)	4	4
12	Laboratories I) furniture (quantity and quality) II) Logbook, Lab Manual, Sample Records III) Stock Register with Bills	10	5
13	No of books, e-library, online journals and printed journals related to programme in the central library	15	10
14	Departmental library A) No. of Titles B) No. of Volumes C) No. of Natinal Journals/Magazines D) No. of International Journals E) Digital Library Facility F) Library expenditure	10	5
15	Internet, wi-fi facility and Band width	8	4
16	Student Computer Ratio	5	5
17	E content development facility	10	5
18	Improvement and maintenance made in infrastructural facilities during last year	10	0
Total		150	76

Any additional comments/feedback/observations/advice which may or may not be based on above points:

Improve Audio visual facilities



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7. Student's Feedback and Corrective Action

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	Students Satisfactory survey (SSS)	10	10
2	Feedback during the semester		
	Frequency of obtaining student's feedback		10
	Corrective action taken at the departmental level	20	10
3	Suggestion box		
	Availability of suggestion box	2	02
	How frequently suggestion box is opened?	2	02
	Corrective action taken for suggestions at the departmental level	1	01
4	Parent's Feedback, Employer's Feedback, Alumni Feedback, Hosteller's Feedback	15	13
	Total	50	48
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<p><i>Maintain Alumni Feedback.</i></p>			




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8. Career Guidance, Training, Entrepreneurship and Extra Curricular Activities

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	List of Career Guidance Programs organized	10	—
2	Pre-placement Training Details Capacity development & skill enhancement activities --soft skills, Language skills, Yoga	20	20
3	List of Entrepreneurship/IIC programs	20	20
4	Students participated/won prizes in Sports 1. Number of sports events / competitions organised by the institution 2. Number of awards/medals for outstanding performance in sports activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	10	10
5	NSS and NCC details of activities 1. Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year 2. Number of awards and recognition received, its teachers and students for extension activities from Government / Government-recognised bodies 3. Number of extension and outreach programmes conducted by the institution through NSS/NCC during the year 4. Number of students participating in extension activities	30	—
6	List of students won prizes in cultural events 1. Number of cultural events / competitions organised by the institution 2. Number of awards/medals for outstanding performance in sports activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	10	10
Total		100	60
<p>Any additional comments/feedback/observations/advice which may or may not be based on above points:</p> <p style="font-size: 1.2em; font-family: cursive;">Organize Career guidance Programs and NSS & NCC</p>			



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Narasaraopeta Engineering College

(Autonomous)

Approved by AICTE, Permanently affiliated to JNTUK,
Kakinada

Accredited by NBA, NAAC with 'A+' Grade

Kotappakonda Road, Yellamanda Post, Narasaraopet - 522601 Guntur Dist.,
A.P.

Phone No.08647-239903

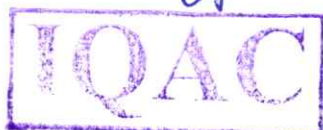
ACADEMIC AUDIT FORMAT (WITH EFFECT FROM 2021-22 A.Y)

Features of Academic Audit

- Academic Audit Format is designed to incorporate the guidelines provided by National Knowledge Commission for various parameters.
- Academic Audit Format is designed to incorporate the most of the parameters related to various stake holders.
- 1000 **point** evaluation on nearly 115 activities and sub activities.
- Evaluation is based on eight different parameters indicating academic ambience at the campus.
- Proper weightage to each parameter as shown below.

S.NO	Parameters of Evaluation	Max. Marks	Weightage in %
1	Curricular Aspects	100	10.0
2	Teaching & Learning Processes	200	20.0
3	Course Outcomes and Program Outcomes	100	10.0
4	Students support & Progression	150	15.0
5	Faculty Information and Contributions	150	15.0
6	Infrastructure & learning Resources	150	15.0
7	Student's Feedback and Corrective Action	50	05.0
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	100	10.0
	Total	1000	100.0

- Evaluation is more objective rather than subjective.
- Evaluation provides the specific information about the shortcomings.
- Academic Audit Format includes evaluation of system, students **and faculty**.
- Evaluation of faculty includes evaluation by students as well as higher officer.
- Evaluation of students includes internal continuous evaluation, end **semester evaluation, curricular** and co-curricular evaluation and placement.
- Evaluation includes infrastructural and other facilities provided by the institute/department for overall development of students.
- Academic Audit Format manual is being prepared to facilitate the institute/department and the auditor to furnish the information and to evaluate respectively.





Narasaraopeta Engineering College (Autonomous)

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Kakinada

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A.P.

Phone No.08647-239903

DEPARTMENT OF ~~MECHANICAL~~ ENGINEERING Academic Audit Report

(To be filled up by Academic Experts)

Academic Year: 2023 - 2024

1. Name of the Auditor

Designation

Address

Contact Number

Email id

1) Dr. K. Lakshminadh
: Professor & Head
: Dept of MCA.
: 7981815225
: obklmn7@gmail.com

3) Dr. K. Neeraja
Professor.
Dept of BSE H
8897479441
neerajakatta7@gmail.com

2. Name of the Auditor

Designation

Address

Contact Number

Email id

2) Dr. Y. V. Lakshmaniah
: Asst prof
: Dept of ECE
: 7702026011
: lucky140684@gmail.com

4) Dr. Ch. Maheswar
Associate professor
Dept. of BSE H
9866562870
cmaheswariz014@gmail.com

3. The days and dates of Visit :

25/09/2024 and 26/09/2024. ail.co



Summary

S.No.	Parameters of Evaluation	Page No.	Max Marks	Marks Scored
1	Curricular Aspects	4	100	85
2	Teaching & Learning Processes	5	200	188
3	Course Outcomes and Program Outcomes	6	100	95
4	Students support & Progression	7	150	132
5	Faculty Information and Contributions	8	150	78
6	Infrastructure & learning Resources	9	150	117
7	Student's Feedback and Corrective Action	10	50	44
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	11	100	81
Total			1000	820

Grading System:

Grade	Details	Total Marks scored
A+	Excellent	880 and above
A	Good	700-879
B	Acceptable	550-699
C	Not-acceptable	Below 550

1. Strengths

- Teaching and learning process is good.
- Good team work of the faculty.
- Infrastructure is good.

2. Weaknesses

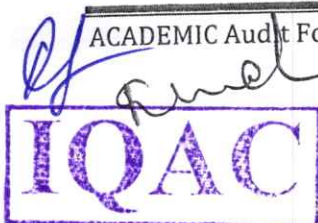
- Need to improve placements with good package.
- Better to improve the journals like SCI/web of science.

3. Suggestions on information

Student training program of competitive exams like GATE/IAS to be conducted.

1. Curricular Aspects

Sr. No.	Sub-parameter	Marks Assigned	Marks Scored
1	Curricula content to provide understanding of concepts of (with sufficient practical exposure)		
	Mathematics and basic sciences.	5	5
	Basic engineering subjects	5	5
	Management and Humanities	4	4
	Programme core	20	20
	Elective subjects	4	4
	Interdisciplinary elective subjects	2	2
	Communication and computer skills	5	2
	Proficiency in analysis, synthesis, modeling & simulation and Problem-solving skills	5	5
	Innovative and creative abilities	5	3
	Human skills and relations, professional ethics, environment	5	3
	Entrepreneurial skills	5	2
	Hands on training and other industrial needs	5	5
	Self-learning practices-MOOCs	5	5
2	DAC, PAC and BOS meeting minutes	10	10
3	Revision/Upgradation of the curriculum to incorporate appropriate new knowledge systems (based on BoS meeting)	15	15
Total		100	85
Additional comments/feedback/observations/advice which may or may not be based on above points:			
<p style="font-size: 1.2em; margin-left: 20px;"> → Try to incorporate the Entrepreneurial skills → Better to maintain the projects related to Innovative and creative abilities. </p>			



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 (GOWDAPURAM)
 NARASARAOPETA ENGINEERING COLLEGE
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Page 4

2 Teaching & Learning Processes

Sr. No	Description	Marks Assigned	Marks Secured
1	Academic Calendar	05	5
2	Syllabus Book	10	10
3	Teaching practices- A. Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences B. ICT enabled tools for effective Teaching	10	10
3	Course File	20	20
4	Remedial Classes A) Methodology to identify Slow Learners B) Circular C) List of Slow Learners D) Attendance sheet with marks E) Syllabus coverage F) Impact Analysis	15	13
5	Mentoring	10	10
6	CRC meetings	10	10
7	Student Projects (Main/Mini projects) A. Projects identification and guide allocation Process B. Project domain/area classification C. Project Reviews D. Identification of Best Projects F. Publication in Journal/Conference	50	50
8	Industry Interaction/Training programs A. Industry Supported Laboratories, utilization and effectiveness B. Industry involvement in the program design and Curriculum (BoS / any other Industry person) C. Field work & Internship reports D. No. of value added courses & students enrolled E. Industry involvement in partial delivery of any regular courses for students F. No. of Students benefited by the training. G. No of MoU's	70	60
Total		200	188
Additional comments/feedback/observations/advice which may or may not be based on above points: → ARC Lab must be utilized properly with Industry involvement. → Robotics Lab also to be involved with Industry.			

3: Course Outcomes and Program Outcomes

Sr. No	Description	Marks Assigned	Marks Secured
1	Quality of Internal Semester Question Papers	10	10
2	Mapping of questions with COs and Blooms taxonomy	20	20
3	Course Articulation Matrix	20	20
4	Assessment Tools and Processes A) Direct Assessment - Internal and External Examinations B) Indirect Assessment - Course End Survey, Program Exit Survey, Employer Survey, Alumni Survey etc.	20	20
5	Batch wise CO attainment and CO- PO attainment for all courses. (Excel Sheet)	30	25
Total		100	95
Any additional comments/feedback/observations/advice which may or may not be based on above points: → Better to update the CO-PO attainment for all courses.			

ACADEMIC Audit Format/NEC/NRT

Page 6



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Criterion 4: Students support & Progression

Sr. No	Description	Marks Assigned	Marks Secured
1	Student Admission List A) I Year B) Lateral Entry	05	4
2	Student Promotion Lists, Student Condonation Lists, Student Detention List	15	15
	No. of students benefited by scholarship	10	10
3	Student Monthly Attendance Reports	10	10
4	Student Internal Marks Reports (Consolidated)	10	10
2	Result Analysis A) Success Rate in the stipulated period(Without Backlog) B) Success Rate in the stipulated period(With Backlog) C) Academic Performance in I Year D) Academic Performance in II Year	24	24
3	Placement, Higher Studies and Entrepreneurship A) Company-wise placement list with packages B) Unique Placement List C) List of Students opted for Higher Studies D) List of Students who became Entrepreneurs with proofs E) No.of students qualified competitive exams GRE, TOEFL, GMAT, CAT, GATE, PGECET etc	30	20
4	Professional Activities A) Professional Societies/Chapters and organizing Engineering Event i) Availability and activities of professional societies or chapters ii) Number, quality of Engineering Events organized at Institute iii) Attended Engineering Events at Institute/State/National/International level B) Publication of Technical Magazines, Newsletters, etc. I) Quality and relevance of the contents and print material II) Participation of students from the program C) Participation in Inter-Institute Events by students of study (at other Institutions) i) Events within the state ii) Events outside the state iii) Prizes/Awards received in such events	40	36
5	Alumni Activities	06	03
Total		150	132
<p>Any additional comments/feedback/observations/advice which may or may not be based on above points:</p> <p>→ National/International level participation must be encouraged.</p> <p>→ Placements & Entrepreneurship must be supported.</p>			

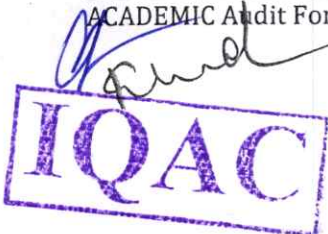


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Criterion 5: Faculty Information and Contributions

Sr. No	Description	Marks Assigned	Marks Secured
1	List of Faculty (Name, Designation, Qualification, DoJ)	05	05
2	Class Time Tables, Individual Time Tables	10	10
3	Faculty Research publications(Journals/Conferences)	10	5
4	Books Published	05	3
5	Patents	05	0
6	Module/ Course Development	15	0
7	FDPs/Training Programs/STTPs/Workshops/Webinars/Conferences etc. Organized	15	15
8	FDPs/Training Programs/STTPs/Workshops/Webinars etc. Attended	20	20
9	Faculty Ph.D guidance (Supervisor/Co- Supervisor) with Scholar details	05	02
10	List of Sponsored/Funded projects (SERB, DST, AICTE, UGC, etc.)	10	0
12	Consultancy details <ul style="list-style-type: none"> • Amount spent on developing facility, training teacher / staff for undertaking Consultancy • Consultancy amount generated 	10	3
13	Seed money provided to faculty	10	3
14	Financial support to faculty to attend FDP, Workshop/seminars/conferences etc.	10	5
15	Faculty Appraisal	10	7
16	Visiting/Adjunct/Emeritus Faculty etc. file	10	0
Total		150	78
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<p>→ Books publication to be improved.</p> <p>→ List of sponsored/Funded projects to be improved.</p> <p>→ Seed money provided to the faculty to be improved.</p>			



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Criterion 6: Infrastructure & learning Resources

Sr.No.	Sub-parameter	Marks Assigned	Marks Secured
1	No of class rooms	4	4
2	No.of Class rooms & seminar halls with ICT facilities	5	5
3	No of laboratories	10	10
4	No of tutorial rooms	1	1
5	Faculty rooms/cabins	5	5
6	Equipment available (curricula and cost wise)	20	20
7	Computing facilities (including software)	10	5
8	Research facilities	10	7
9	Electric power available for 24x7	8	8
10	Audio visual facilities	5	5
11	Class rooms furniture (quantity and quality)	4	5
12	Laboratories I) furniture (quantity and quality) II) Logbook, Lab Manual, Sample Records III) Stock Register with Bills	10	10
13	No of books, e-library, online journals and printed journals related to programme in the central library	15	10
14	Departmental library A) No. of Titles B) No. of Volumes C) No. of Natinal Journals/Magazines D) No. of International Journals E) Digital Library Facility F) Library expenditure	10	10
15	Internet, wi-fi facility and Band width	8	4
16	Student Computer Ratio	5	3
17	E content development facility	10	0
18	Improvement and maintenance made in infrastructural facilities during last year	10	0
Total		150	117
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<p>→ E content developut facility to be encouraged.</p> <p>→ Research facilities to be improved.</p>			



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7. Student's Feedback and Corrective Action

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	Students Satisfactory survey (SSS)	10	10
2	Feedback during the semester		
	Frequency of obtaining student's feedback		18
	Corrective action taken at the departmental level	20	
3	Suggestion box		
	Availability of suggestion box	2	2
	How frequently suggestion box is opened?	2	1
	Corrective action taken for suggestions at the departmental level	1	0
4	Parent's Feedback, Employer's Feedback, Alumni Feedback, Hosteller's Feedback	15	13
Total		50	44
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<p>→ Suggestion box corrective action taken at the department level to be maintained.</p>			



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8. Career Guidance, Training, Entrepreneurship and Extra Curricular Activities

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	List of Career Guidance Programs organized	10	8
2	Pre-placement Training Details Capacity development & skill enhancement activities --soft skills, Language skills, Yoga	20	17
3	List of Entrepreneurship/IIC programs	20	15
4	Students participated/won prizes in Sports 1. Number of sports events / competitions organised by the institution 2. Number of awards/medals for outstanding performance in sports activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	10	5
5	NSS and NCC details of activities 1.Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year 2. Number of awards and recognition received, its teachers and students for extension activities from Government / Government-recognised bodies 3. Number of extension and outreach programmes conducted by the institution through NSS/NCC during the year 4. Number of students participating in extension activities	30	28
6	List of students won prizes in cultural events 1. Number of cultural events / competitions organised by the institution 2. Number of awards/medals for outstanding performance in sports activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	10	8
Total		100	81
<p>Any additional comments/feedback/observations/advice which may or may not be based on above points:</p> <p>→ Pre placement training including language skills and yoga to be improved.</p> <p>→ cultural events participation at national/International level to be improved.</p>			



Narasaraopeta Engineering College

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A.P.

Phone No.08647-239903

ACADEMIC AUDIT FORMAT (WITH EFFECT FROM 2021-22 A.Y)

Features of Academic Audit


- Academic Audit Format is designed to incorporate the guidelines provided by National Knowledge Commission for various parameters.
- Academic Audit Format is designed to incorporate the most of the parameters related to various stake holders.
- 1000 point evaluation on nearly 115 activities and sub activities.
- Evaluation is based on eight different parameters indicating academic ambience at the campus.
- Proper weightage to each parameter as shown below.

S.NO	Parameters of Evaluation	Max. Marks	Weightage in %
1	Curricular Aspects	100	10.0
2	Teaching & Learning Processes	200	20.0
3	Course Outcomes and Program Outcomes	100	10.0
4	Students support & Progression	150	15.0
5	Faculty Information and Contributions	150	15.0
6	Infrastructure & learning Resources	150	15.0
7	Student's Feedback and Corrective Action	50	05.0
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	100	10.0
	Total	1000	100.0

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- Evaluation of students includes internal continuous evaluation, end semester evaluation, curricular and co-curricular evaluation and placement.
- Evaluation includes infrastructural and other facilities provided by the institute/department for overall development of students.
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ACADEMIC Audit Format/NEC/NRT


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NARASARAOPET - 522
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Kotappakonda Road, Yellamanda Post, Narasaraopet - 522601 Guntur Dist.,
A.P.

Phone No.08647-239903

DEPARTMENT OF MCA ENGINEERING Academic Audit Report

(To be filled up by Academic Experts)

Academic Year:

1. Name of the Auditor : Dr. P. Brahmaiah Naik.
Designation : professor ; NEC.
Address :
Contact Number : 9948927079
Email id : brahmaiahnaik@gmail.com.
2. Name of the Auditor : Dr. Y. Jaipal Reddy .
Designation : Asst. professor. ; NEC.
Address :
Contact Number : 9959965468
Email id : y.jaipalreddy@gmail.com.
3. The days and dates of Visit :
26/09/2020
27/09/2020

P. Bh

Jaipal



Principal

Summary

S.No.	Parameters of Evaluation	Page No.	Max Marks	Marks Scored
1	Curricular Aspects	4	100	80
2	Teaching & Learning Processes	5	200	121
3	Course Outcomes and Program Outcomes	6	100	30
4	Students support & Progression	7	150	76
5	Faculty Information and Contributions	8	150	45
6	Infrastructure & learning Resources	9	150	102
7	Student's Feedback and Corrective Action	10	50	26
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	11	100	32
Total			1000	512

Grading System:

Grade	Details	Total Marks scored
A+	Excellent	880 and above
A	Good	700-879
B	Acceptable	550-699
C	Not-acceptable	Below 550 ✓

NOT Acceptable → Department of MCA.

1. Strengths → student pass percentage is good.
→ student Admission & infrastructure is good.

2. Weaknesses * To conduct FDP and publications of staff.
* Student relate Activities are poor.

3. Suggestions on information

→ conduct no of FDPs for Faculty & student related activities (like members of IEC, NSS)
→ improve placement of students

1. Curricular Aspects


Sr. No.	Sub-parameter	Marks Assigned	Marks Scored
1	Curricula content to provide understanding of concepts of (with sufficient practical exposure)		
	Mathematics and basic sciences.	5	5
	Basic engineering subjects	5	5
	Management and Humanities	4	4
	Programme core	20	15
	Elective subjects	4	4
	Interdisciplinary elective subjects	2	2
	Communication and computer skills	5	5
	Proficiency in analysis, synthesis, modeling & simulation and Problem-solving skills	5	5
	Innovative and creative abilities	5	0
	Human skills and relations, professional ethics, environment	5	5
	Entrepreneurial skills	5	5
	Hands on training and other industrial needs	5	5
	Self-learning practices-MOOCs	5	5
2	DAC, PAC and BOS meeting minutes	10	10
3	Revision/Upgradation of the curriculum to incorporate <i>appropriate new knowledge systems</i> (based on BoS meeting)	15	5
Total		100	80
Additional comments/feedback/observations/advice which may or may not be based on above points:			
<p>→ Innovative and Creative Ability - NO file</p> <p>→ Upgradation of the curriculum to incorporate appropriate new knowledge system</p>			<p>- To be upgrade file</p>

P. B. S.

P. B. S.



2 Teaching & Learning Processes

Sr. No	Description	Marks Assigned	Marks Secured
1	Academic Calendar	05	5
2	Syllabus Book	10	10
3	Teaching practices- A. Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences B. ICT enabled tools for effective Teaching	10	06
3	Course File	20	20
4	Remedial Classes A) Methodology to identify Slow Learners B) Circular C) List of Slow Learners D) Attendance sheet with marks E) Syllabus coverage F) Impact Analysis	15	00
5	Mentoring	10	10
6	CRC meetings	10	10
7	Student Projects (Main/Mini projects) A. Projects identification and guide allocation Process B. Project domain/area classification C. Project Reviews D. Identification of Best Projects F. Publication in Journal/Conference	50	40
8	Industry Interaction/Training programs A. Industry Supported Laboratories, utilization and effectiveness B. Industry involvement in the program design and Curriculum (BoS / any other Industry person) C. Field work & Internship reports D. No. of value added courses & students enrolled E. Industry involvement in partial delivery of any regular courses for students F. No. of Students benefited by the training. G. No of MoU's	70	20
Total		200	121
Additional comments/feedback/observations/advice which may or may not be based on above points: → Remedial class - NO file → student project - file to be obdate → industry gntenship - To be obdate			 PRINCIPAL

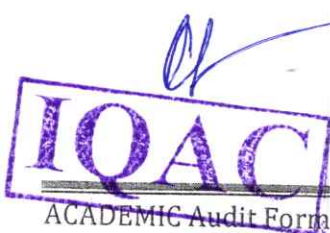
3: Course Outcomes and Program Outcomes

Sr. No	Description	Marks Assigned	Marks Secured
1	Quality of Internal Semester Question Papers	10	10
2	Mapping of questions with COs and Blooms taxonomy	20	20
3	Course Articulation Matrix	20	00
4	Assessment Tools and Processes A) Direct Assessment - Internal and External Examinations B) Indirect Assessment - Course End Survey, Program Exit Survey, Employer Survey, Alumni Survey etc.	20	00
5	Batch wise CO attainment and CO- PO attainment for all courses. (Excel Sheet)	30	00
Total		100	30
Any additional comments/feedback/observations/advice which may or may not be based on above points:			

- There is. NO CO-PO Attainment — NO file.
- Assessment Tools and processes — NO file.
- Course. Articulation. Matrix. — NO file.

D. R. B.

P. J.



Criterion 4: Students support & Progression

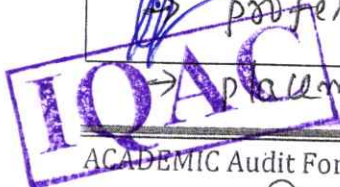
Sr. No	Description	Marks Assigned	Marks Secured
1	Student Admission List A) I Year B) Lateral Entry	05	5
2	Student Promotion Lists, Student Condonation Lists, Student Detention List	15	15
	No. of students benefited by scholarship	10	00
3	Student Monthly Attendance Reports	10	10
4	Student Internal Marks Reports (Consolidated)	10	00
	Result Analysis A) Success Rate in the stipulated period(Without Backlog) B) Success Rate in the stipulated period(With Backlog) C) Academic Performance in I Year D) Academic Performance in II Year	24	20
3	Placement, Higher Studies and Entrepreneurship A) Company-wise placement list with packages B) Unique Placement List C) List of Students opted for Higher Studies D) List of Students who became Entrepreneurs with proofs E) No.of students qualified competitive exams GRE, TOEFL, GMAT, CAT, GATE, PGECEt etc	30	15
4	Professional Activities A) Professional Societies/Chapters and organizing Engineering Event i) Availability and activities of professional societies or chapters ii) Number, quality of Engineering Events organized at Institute iii) Attended Engineering Events at Institute/State/National/International level B) Publication of Technical Magazines, Newsletters, etc. D) Quality and relevance of the contents and print material II) Participation of students from the program C) Participation in Inter-Institute Events by students of study (at other Institutions) i) Events within the state ii) Events outside the state iii) Prizes/Awards received in such events	40	5
5	Alumni Activities	06	6
Total		150	76

Any additional comments/feedback/observations/advice which may or may not be based on above points:

→ Student Internal mark consolidate - No file

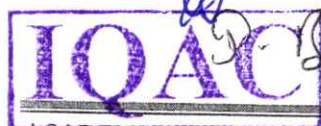
→ professional Activity. file to be obdate

→ Placement and Entrepreneurship - To be obdate



Criterion 5: Faculty Information and Contributions

Sr. No	Description	Marks Assigned	Marks Secured
1	List of Faculty (Name, Designation, Qualification, DoJ)	05	05
2	Class Time Tables, Individual Time Tables	10	10
3	Faculty Research publications(Journals/Conferences)	10	10
4	Books Published	05	00
5	Patents	05	00
6	Module/ Course Development	15	00
7	FDPs/Training Programs/STTPs/Workshops/Webinars/Conferences etc. Organized	15	00
8	FDPs/Training Programs/STTPs/Workshops/Webinars etc. Attended	20	00
9	Faculty Ph.D guidance (Supervisor/Co- Supervisor) with Scholar details	05	00
10	List of Sponsored/Funded projects (SERB, DST, AICTE, UGC, etc.)	10	00
12	Consultancy details • Amount spent on developing facility, training teacher / staff for undertaking Consultancy • Consultancy amount generated	10	00
13	Seed money provided to faculty	10	00
14	Financial support to faculty to attend FDP, Workshop/seminars/conferences etc.	10	00
15	Faculty Appraisal	10	10
16	Visiting/Adjunct/Emeritus Faculty etc. file	10	00
Total		150	45
<p>Any additional comments/feedback/observations/advice which may or may not be based on above points:</p> <p>→ BOOK publication - NO file</p> <p>→ patents - NO file</p> <p>→ course Development - NO file.</p> <p>→ FDP Organization - NO file.</p> <p>→ Visiting Faculty file - NO file.</p> <p>→ Financial support to faculty - NO file</p> <p>Attend FDP</p> <p>→ Seed money - NO file.</p> <p>→ List of Funded project - NO file</p>			



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Criterion 6: Infrastructure & learning Resources

Sr.No.	Sub-parameter	Marks Assigned	Marks Secured
1	No of class rooms	4	4
2	No.of Class rooms & seminar halls with ICT facilities	5	4
3	No of laboratories	10	10
4	No of tutorial rooms	1	1
5	Faculty rooms/cabins	5	5
6	Equipment available (curricula and cost wise)	20	20
7	Computing facilities (including software)	10	5
8	Research facilities	10	0
9	Electric power available for 24x7	8	8
10	Audio visual facilities	5	5
11	Class rooms furniture (quantity and quality)	4	4
12	Laboratories I) furniture (quantity and quality) II) Logbook, Lab Manual, Sample Records III) Stock Register with Bills	10	10
13	No of books, e-library, online journals and printed journals related to programme in the central library	15	15
14	Departmental library A) No. of Titles B) No. of Volumes C) No. of National Journals/Magazines D) No. of International Journals E) Digital Library Facility F) Library expenditure	10	5
15	Internet, wi-fi facility and Band width	8	4
16	Student Computer Ratio	5	2
17	E content development facility	10	0
18	Improvement and maintenance made in infrastructural facilities during last year	10	0
Total		150	102

Any additional comments/feedback/observations/advice which may or may not be based on above points:

- computing facilities — To be update
- Research. facilities. — NO file
- E-Content development — NO file
- improvement in infrastructure in last year — NO file
- com wi-fi facility — NO file

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7. Student's Feedback and Corrective Action

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	Students Satisfactory survey (SSS)	10	00
2	Feedback during the semester		
	Frequency of obtaining student's feedback		
	Corrective action taken at the departmental level	20	10
3	Suggestion box		
	Availability of suggestion box	2	1
	How frequently suggestion box is opened?	2	0
	Corrective action taken for suggestions at the departmental level	1	0
4	Faculty, Student, Employer's, Alumni Feedback on curriculum	15	15
Total		50	26
Any additional comments/feedback/observations/advice which may or may not be based on above points:			

- Student Satisfactory Survey - No file
- Feedback during the semester - To be Improve
- Suggestion box. file - To be Update

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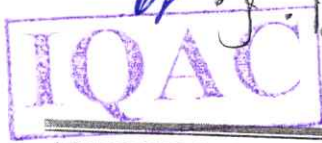
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8. Career Guidance, Training, Entrepreneurship and Extra Curricular Activities

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	List of Career Guidance Programs organized	10	10
2	Pre-placement Training Details Capacity development & skill enhancement activities --soft skills, Language skills, Yoga	20	15
3	List of Entrepreneurship/IIC programs	20	00
4	Students participated/won prizes in Sports 1. Number of sports events / competitions organised by the institution 2. Number of awards/medals for outstanding performance in sports activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	10	02
5	NSS and NCC details of activities 1.Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year 2. Number of awards and recognition received, its teachers and students for extension activities from Government / Government-recognised bodies 3. Number of extension and outreach programmes conducted by the institution through NSS/NCC during the year 4. Number of students participating in extension activities	30	00
6	List of students won prizes in cultural events 1. Number of cultural events / competitions organised by the institution 2. Number of awards/medals for outstanding performance in cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	10	05
Total		100	32
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<ul style="list-style-type: none"> → List of students won the prize in cultural - To be update → PIC program - no file → NSS & ncc detail - no file → student participation in sport file - To be update 			

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A.P

Phone No.08647-239903

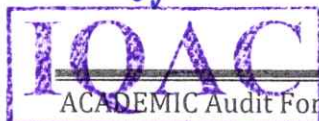
ACADEMIC AUDIT FORMAT (WITH EFFECT FROM 2021-22 A.Y)

Features of Academic Audit

- Academic Audit Format is designed to incorporate the guidelines provided by National Knowledge Commission for various parameters.
- Academic Audit Format is designed to incorporate the most of the parameters related to various stake holders.
- 1000 **point** evaluation on nearly 115 activities and sub activities.
- Evaluation is based on eight different parameters indicating academic ambience at the campus.
- Proper weightage to each parameter as shown below.

S.NO	Parameters of Evaluation	Max. Marks	Weightage in %
1	Curricular Aspects	100	10.0
2	Teaching & Learning Processes	200	20.0
3	Course Outcomes and Program Outcomes	100	10.0
4	Students support & Progression	150	15.0
5	Faculty Information and Contributions	150	15.0
6	Infrastructure & learning Resources	150	15.0
7	Student's Feedback and Corrective Action	50	05.0
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	100	10.0
	Total	1000	100.0

- Evaluation is more objective rather than subjective.
- Evaluation provides the specific information about the shortcomings.
- Academic Audit Format includes evaluation of system, students **and faculty**.
- Evaluation of faculty includes evaluation by students as well as higher officer.
- Evaluation of students includes internal continuous evaluation, end **semester evaluation, curricular** and co-curricular evaluation and placement.
- Evaluation includes infrastructural and other facilities provided by the institute/department for overall development of students.
- Academic Audit Format manual is being prepared to facilitate the institute/department and the auditor to furnish the information and to evaluate respectively.



ACADEMIC Audit Format/NEC/NRT

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Phone No.08647-239903

DEPARTMENT OF ~~ECE~~ ENGINEERING Academic Audit Report

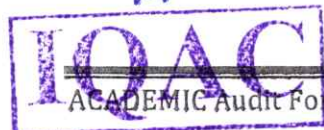
(To be filled up by Academic Experts)

Academic Year: 2023-24.

1. Name of the Auditor : Dr Sun Sreenivasu
Designation : Professor in CSO
Address :
Contact Number : 9849266902
Email id : dsunsmr@gmail.com.
2. Name of the Auditor : Dr. S. Siva Nageswara Rao.
Designation : Professor in CSO.
Address :
Contact Number : 8947987777
Email id : profssnr@gmail.com.
3. The days and dates of Visit :
Dr T. Anjaneyulu, Prof in ph.chem
Dr M. Venkanna Babu
Associate Prof in ME.

Visit Date: 26-9-2024.

1. 2. 3. 4.



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Summary

S.No.	Parameters of Evaluation	Page No.	Max Marks	Marks Scored
1	Curricular Aspects	4	100	97
2	Teaching & Learning Processes	5	200	185
3	Course Outcomes and Program Outcomes	6	100	70
4	Students support & Progression	7	150	134
5	Faculty Information and Contributions	8	150	100
6	Infrastructure & learning Resources	9	150	128
7	Student's Feedback and Corrective Action	10	50	32
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	11	100	90
Total			1000	836

Grading System: **A**

Grade	Details	Total Marks scored
A+	Excellent	880 and above
A	Good	700-879
B	Acceptable	550-699
C	Not-acceptable	Below 550

1. Strengths

Curricular Aspects in Good.

2. Weaknesses

Faculty contribution to the Research.

3. Suggestions on information

Improve the faculty contribution in Research
 Regularly take student and allied feedback
 from stakeholder.

1. Curricular Aspects

Sr. No.	Sub-parameter	Marks Assigned	Marks Scored
1	Curricula content to provide understanding of concepts of (with sufficient practical exposure)		
	Mathematics and basic sciences. 13%	5	5
	Basic engineering subjects 14%	5	5
	Management and Humanities 8%	4	4
	Programme core 34%	20	20
	Elective subjects 21%	4	4
	Interdisciplinary elective subjects	2	2
	Communication and computer skills	5	5
	Proficiency in analysis, synthesis, modeling & simulation and Problem-solving skills	5	5
	Innovative and creative abilities	5	5
	Human skills and relations, professional ethics, environment	5	5
	Entrepreneurial skills	5	5
	Hands on training and other industrial needs	5	5
	Self-learning practices-MOOCs	5	5
2	DAC, PAC and BOS meeting minutes BoS - 12/7/20 4 meetings 4 meetings	10	7
3	Revision/Upgradation of the curriculum to incorporate appropriate new knowledge systems (based on BoS. meeting)	15	15
Total		100	97
Additional comments/feedback/observations/advice which may or may not be based on above points:			
<p><i>* Regularly conduct DAC and PAC meetings.</i></p> <p><i>* Curricular content is balanced.</i></p> <p><i>* Need upgradation of the curriculum in R23. Regulations.</i></p>			

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2 Teaching & Learning Processes

Sr. No	Description	Marks Assigned	Marks Secured
1	Academic Calendar ✓	05 ✓	5
2	Syllabus Book <i>completed</i> ✓	10 ✓	10
3	Teaching practices- A. Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences B. ICT enabled tools for effective Teaching ←	10	10
3	Course File ✓	20	20
4	Remedial Classes A) Methodology to identify Slow Learners B) Circular C) List of Slow Learners D) Attendance sheet with marks E) Syllabus coverage F) Impact Analysis ✓	15	15
5	Mentoring ✓	10	10
6	CRC meetings ✓	10 ✓	10
7	Student Projects (Main/Mini projects) A. Projects identification and guide allocation Process ✓ B. Project domain/area classification ✓ C. Project Reviews ✓ D. Identification of Best Projects ✓ F. Publication in Journal/Conference ✓ <i>PRC</i>	50 ✓	50
8	Industry Interaction/Training programs A. Industry Supported Laboratories, utilization and effectiveness ✓ B. Industry involvement in the program design and Curriculum (BoS / any other Industry person) ✓ C. Field work & Internship reports ✓ D. No. of value added courses & students enrolled ✓ E. Industry involvement in partial delivery of any regular courses for students ✓ F. No. of Students benefited by the training. <i>104</i> G. No of MoU's ✓	70	55
Total		200	185

Additional comments/feedback/observations/advice which may or may not be based on above points:

x conduct more value added courses.
x Improve no. of MoU's.
x Industry involvement in partial delivery of regular courses.

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3: Course Outcomes and Program Outcomes

Sr. No	Description	Marks Assigned	Marks Secured
1	Quality of Internal Semester Question Papers ✓	10	10
2	Mapping of questions with COs and Blooms taxonomy ✓	20	20
3	Course Articulation Matrix ✓	20	20
4	Assessment Tools and Processes A) Direct Assessment - Internal and External Examinations ✓ B) Indirect Assessment - Course End Survey, Program Exit Survey, Employer Survey, Alumni Survey etc. ✓	20	20
5	Batch wise CO attainment and CO- PO attainment for all courses. (Excel Sheet) ✓	30	—
Total		100	70
Any additional comments/feedback/observations/advice which may or may not be based on above points: not done CO-PO attainment.			

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Criterion 4: Students support & Progression

Sr. No	Description	Marks Assigned	Marks Secured
1	Student Admission List A) I Year ✓ B) Lateral Entry ✓	05	5
2	Student Promotion Lists, Student Condonation Lists, Student Detention List	15	15
	No. of students benefited by scholarship 9	10	10
3	Student Monthly Attendance Reports ✓	10	10
4	Student Internal Marks Reports (Consolidated) ✓	10	10
	Result Analysis A) Success Rate in the stipulated period(Without Backlog) 20 ✓ B) Success Rate in the stipulated period(With Backlog) 82% ✓ C) Academic Performance in I Year 33 19-35% ✓ D) Academic Performance in II Year 60.94% ✓	24	20
	Placement, Higher Studies and Entrepreneurship A) Company-wise placement list with packages 28/100 ✓ B) Unique Placement List 28 C) List of Students opted for Higher Studies 8 D) List of Students who became Entrepreneurs with proofs 0 E) No.of students qualified competitive exams GRE, TOEFL, GMAT, CAT, GATE, PGECET etc 6 ✓	30	24
	Professional Activities A) Professional Societies/Chapters and organizing Engineering Event i) Availability and activities of professional societies or chapters ii) Number, quality of Engineering Events organized at Institute (3)/167 ✓ iii) Attended Engineering Events at Institute/State/National/International level (5)/188 ✓ B) Publication of Technical Magazines, Newsletters, etc. I) Quality and relevance of the contents and print material ✓ II) Participation of students from the program ✓ C) Participation in Inter-Institute Events by students of study (at other Institutions) i) Events within the state ✓ ii) Events outside the state ✓ iii) Prizes/Awards received in such events (3) ✓	40	40
5	Alumni Activities X	06	0
Total		150	134

Any additional comments/feedback/observations/advice which may or may not be based on above points:

Improve. Inter - Institute Events by student
Publication of Technical Magazine is good.
Improve professional society activities.

134
Principal

Criterion 5: Faculty Information and Contributions

Sr. No	Description	Marks Assigned	Marks Secured
1	List of Faculty (Name, Designation, Qualification, DoJ) ✓	05	05
2	Class Time Tables, Individual Time Tables ✓	10	10
3	Faculty Research publications(Journals/Conferences) ✓	10	10
4	Books Published ✓	05	5
5	Patents	05	0
6	Module/ Course Development	15	10
7	FDPs/Training Programs/STTPs/Workshops/Webinars/Conferences etc. Organized	15	10.
8	FDPs/Training Programs/STTPs/Workshops/Webinars etc. Attended 2 < + NPTIR ... ✓	20	20.
9	Faculty Ph.D guidance (Supervisor/Co- Supervisor) with Scholar details	05	0
10	List of Sponsored/Funded projects (SERB, DST, AICTE, UGC, etc.)	10	0
12	Consultancy details • Amount spent on developing facility, training teacher / staff for undertaking Consultancy • Consultancy amount generated	10	0
13	Seed money provided to faculty 1,09,100 ✓	10	10
14	Financial support to faculty to attend FDP, Workshop/seminars/conferences etc. FDP/NPTIR ✓	10	10
15	Faculty Appraisal ✓	10	10.
16	Visiting/Adjunct/Emeritus Faculty etc. file ✓	10	0
Total		150	100

Any additional comments/feedback/observations/advice which may or may not be based on above points:

Faculty attended FDP are good.
Research projects and consultancy work is very poor.
NO visiting Faculty programme in this academic year.

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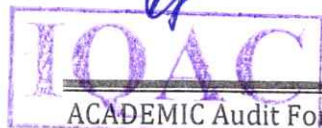
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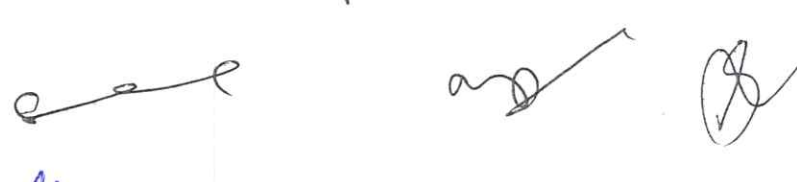
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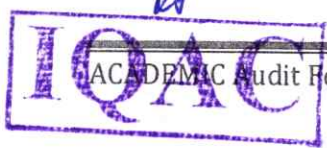
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Criterion 6: Infrastructure & learning Resources

Sr.No.	Sub-parameter	Marks Assigned	Marks Secured
1	No of class rooms	4	4
2	No.of Class rooms & seminar halls with ICT facilities	5	5
3	No of laboratories	10	10
4	No of tutorial rooms	1	1
5	Faculty rooms/cabins	5	5
6	Equipment available (curricula and cost wise)	20	20
7	Computing facilities (including software)	10	10
8	Research facilities	10	0
9	Electric power available for 24x7	8	8
10	Audio visual facilities	5	5
11	Class rooms furniture (quantity and quality)	4	4
12	Laboratories I) furniture (quantity and quality) II) Logbook, Lab Manual, Sample Records III) Stock Register with Bills	10	7
13	No of books, e-library, online journals and printed journals related to programme in the central library	15	15
14	Departmental library A) No. of Titles B) No. of Volumes C) No. of Natinal Journals/Magazines D) No. of International Journals E) Digital Library Facility F) Library expenditure	10	10
15	Internet, wi-fi facility and Band width	8	4
16	Student Computer Ratio	5	0
17	E content development facility	10	10
18	Improvement and maintenance made in infrastructural facilities during last year	10	10
Total		150	128
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<p>1. no wi-fi facility</p> <p>2. New experiments are not purchased</p> <p>3. No Computers.</p>			
			

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7. Student's Feedback and Corrective Action

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	Students Satisfactory survey (SSS)	10	10
2	Feedback during the semester		
	Frequency of obtaining student's feedback		
	Corrective action taken at the departmental level	20	20
3	Suggestion box		
	Availability of suggestion box	2	2
	How frequently suggestion box is opened?	2	0
	Corrective action taken for suggestions at the departmental level	1	0
4	Parent's Feedback, Employer's Feedback, Alumni Feedback, Hosteller's Feedback	15	0
Total		50	32
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
Suggestion box not opened			





8. Career Guidance, Training, Entrepreneurship and Extra Curricular Activities

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	List of Career Guidance Programs organized	10	10
2	Pre-placement Training Details Capacity development & skill enhancement activities --soft skills, Language skills, Yoga	20	15
3	List of Entrepreneurship/IIC programs	20	
4	Students participated/won prizes in Sports 1. Number of sports events / competitions organised by the institution 2. Number of awards/medals for outstanding performance in sports activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	10	10
5	NSS and NCC details of activities 1.Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year 2. Number of awards and recognition received, its teachers and students for extension activities from Government / Government-recognised bodies 3. Number of extension and outreach programmes conducted by the institution through NSS/NCC during the year 4. Number of students participating in extension activities	30 NCC-4 B Certificates C-2 Stds	20
6	List of students won prizes in cultural events 1. Number of cultural events / competitions organised by the institution 2. Number of awards/medals for outstanding performance in sports activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	10	10
Total		100	90
Any additional comments/feedback/observations/advice which may or may not be based on above points: 1. Yoga not conducted 2. NSS file is not available maintaining			





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Phone No.08647-239903

ACADEMIC AUDIT FORMAT (WITH EFFECT FROM 2021-22 A.Y)

Features of Academic Audit

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- Academic Audit Format is designed to incorporate the most of the parameters related to various stake holders.
- 1000 point evaluation on nearly 115 activities and sub activities.
- Evaluation is based on eight different parameters indicating academic ambience at the campus.
- Proper weightage to each parameter as shown below.

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1	Curricular Aspects	100	10.0
2	Teaching & Learning Processes	200	20.0
3	Course Outcomes and Program Outcomes	100	10.0
4	Students support & Progression	150	15.0
5	Faculty Information and Contributions	150	15.0
6	Infrastructure & learning Resources	150	15.0
7	Student's Feedback and Corrective Action	50	05.0
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	100	10.0
	Total	1000	100.0

- Evaluation is more objective rather than subjective.
- Evaluation provides the specific information about the shortcomings.
- Academic Audit Format includes evaluation of system, students and faculty.
- Evaluation of faculty includes evaluation by students as well as higher officer.
- Evaluation of students includes internal continuous evaluation, end semester evaluation, curricular and co-curricular evaluation and placement.
- Evaluation includes infrastructural and other facilities provided by the institute/department for overall development of students.
- Academic Audit Format manual is being prepared to facilitate the institute/department and the auditor to furnish the information and to evaluate respectively.

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Kotappakonda Road, Yellamanda Post, Narasaraopet - 522601 Guntur Dist.,
A.P.

Phone No.08647-239903

Electronics and Communication

DEPARTMENT OF ----- ENGINEERING Academic Audit Report

(To be filled up by Academic Experts)

Academic Year: 2023-24

1. Name of the Auditor : ① Dr. Se. md. Shareef | ③ Dr. V. Polireddy
 Designation : Assoc. professor | Assoc. professor
 Address : NEC | NEC
 Contact Number : 9849649445 | 9390321097
 Email id : mdshareef@nrtecin | polireddy2001@gmail.com
2. Name of the Auditor : ② Dr. Sk. Mohiddin Shaw | ④ Dr. K. Suresh
 Designation : Professor | Assoc. professor
 Address : NEC | NEC
 Contact Number : 9247203211 | 9052808385
 Email id : mohiddinshaw@gmail.com | sureshkunda54@gmail.com
3. The days and dates of Visit :

one day ; 26-09-2024

- ① (Dr. Se. md. Shareef) ② 26/9/24
 (Dr. Sk. Mohiddin Shaw)
- ③ (POLI REDDY V) ④ (Dr. K. Suresh Babu)



ACADEMIC Audit Format/NEC/NRT

PRINCIPAL
NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
Page 2
NARASARAOPET - 522 601,
Guntur (Dist.), A.P.

Summary

S.No.	Parameters of Evaluation	Page No.	Max Marks	Marks Scored
1	Curricular Aspects	4	100	97
2	Teaching & Learning Processes	5	200	195
3	Course Outcomes and Program Outcomes	6	100	65
4	Students support & Progression	7	150	139
5	Faculty Information and Contributions	8	150	110
6	Infrastructure & learning Resources	9	150	134
7	Student's Feedback and Corrective Action	10	50	45
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	11	100	90
Total			1000	875

Grading System:

Grade	Details	Total Marks scored
A+	Excellent	880 and above
(A)	Good ✓	700-879
B	Acceptable	550-699
C	Not-acceptable	Below 550

1. Strengths

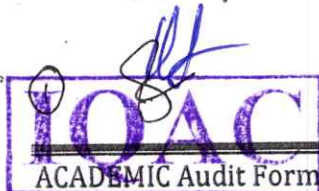
Teaching & Learning process is good

2. Weaknesses

Faculty should focus on research projects.

3. Suggestions on information

Co-po attainment should exercise regularly.



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Guntur (Page 3, A.P.)

1. Curricular Aspects

Sr. No.	Sub-parameter	Marks Assigned	Marks Scored
1	Curricula content to provide understanding of concepts of (with sufficient practical exposure)		
	Mathematics and basic sciences.	5	5
	Basic engineering subjects	5*	5
	Management and Humanities	4	4
	Programme core	20	20
	Elective subjects	4	4
	Interdisciplinary elective subjects	2	2
	Communication and computer skills	5	5
	Proficiency in analysis, synthesis, modeling & simulation and Problem-solving skills	5	5
	Innovative and creative abilities	5	5
	Human skills and relations, professional ethics, environment	5	5
	Entrepreneurial skills	5	5
	Hands on training and other industrial needs	5	5
	Self-learning practices-MOOCs	5	5
2	DAC, PAC and BOS meeting minutes	10	7
3	Revision/Upgradation of the curriculum to incorporate appropriate new knowledge systems (based on BoS meeting)	15	15
Total		100	97
Additional comments/feedback/observations/advice which may or may not be based on above points:			
Conduct DAC, PAC meetings regularly.			

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2 Teaching & Learning Processes

Sr. No	Description	Marks Assigned	Marks Secured
1	Academic Calendar	05	5
2	Syllabus Book	10	10
3	Teaching practices- A. Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences B. ICT enabled tools for effective Teaching	10	10
3	Course File	20	15
4	Remedial Classes A) Methodology to identify Slow Learners B) Circular C) List of Slow Learners D) Attendance sheet with marks E) Syllabus coverage F) Impact Analysis	15	15
5	Mentoring	10	10
6	CRC meetings	10	10
7	Student Projects (Main/Mini projects) A. Projects identification and guide allocation Process B. Project domain/area classification C. Project Reviews D. Identification of Best Projects F. Publication in Journal/Conference	50	50
8	Industry Interaction/Training programs A. Industry Supported Laboratories, utilization and effectiveness B. Industry involvement in the program design and Curriculum (BoS / any other Industry person) C. Field work & Internship reports D. No. of value added courses & students enrolled E. Industry involvement in partial delivery of any regular courses for students F. No. of Students benefited by the training. G. No of MoU's 6	70	70
Total		200	195

Additional comments/feedback/observations/advice which may or may not be based on above points:

Need to update course file



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3: Course Outcomes and Program Outcomes

Sr. No	Description	Marks Assigned	Marks Secured
1	Quality of Internal Semester Question Papers	10	10
2	Mapping of questions with COs and Blooms taxonomy	20	20
3	Course Articulation Matrix	20	20
4	Assessment Tools and Processes A) Direct Assessment - Internal and External Examinations B) Indirect Assessment - Course End Survey, Program Exit Survey, Employer Survey, Alumni Survey etc.	20	15
5	Batch wise CO attainment and CO- PO attainment for all courses. (Excel Sheet)	30	0
Total		100	65
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<ul style="list-style-type: none"> • Need to conduct Employer Survey • 20 batch co-po attainment not yet completed 			

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Criterion 4: Students support & Progression

Sr. No	Description	Marks Assigned	Marks Secured
1	Student Admission List A) I Year B) Lateral Entry	05	5
2	Student Promotion Lists, Student Condonation Lists, Student Detention List	15	15
	No. of students benefited by scholarship	10	10
3	Student Monthly Attendance Reports	10	10
4	Student Internal Marks Reports (Consolidated)	10	10
2	Result Analysis A) Success Rate in the stipulated period(Without Backlog) B) Success Rate in the stipulated period(With Backlog) C) Academic Performance in I Year D) Academic Performance in II Year	24	24
3	Placement, Higher Studies and Entrepreneurship A) Company-wise placement list with packages B) Unique Placement List C) List of Students opted for Higher Studies D) List of Students who became Entrepreneurs with proofs E) No.of students qualified competitive exams GRE, TOEFL, GMAT, CAT, GATE, PGECET etc	30	30
4	Professional Activities A) Professional Societies/Chapters and organizing Engineering Event i) Availability and activities of professional societies or chapters ii) Number, quality of Engineering Events organized at Institute iii) Attended Engineering Events at Institute/State/National/International level B) Publication of Technical Magazines, Newsletters, etc. I) Quality and relevance of the contents and print material II) Participation of students from the program C) Participation in Inter-Institute Events by students of study (at other Institutions) i) Events within the state ii) Events outside the state iii) Prizes/Awards received in such events	40	35
5	Alumni Activities	06	0
Total		150	139

Any additional comments/feedback/observations/advice which may or may not be based on above points:

- Encourage Students to participate in the events outside of the state

Alumni activity should be conduct

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Criterion 5: Faculty Information and Contributions

Sr. No	Description	Marks Assigned	Marks Secured
1	List of Faculty (Name, Designation, Qualification, DoJ)	05	5
2	Class Time Tables, Individual Time Tables	10	10
3	Faculty Research publications(Journals/Conferences)	10	10
4	Books Published	05	5
5	Patents	05	5
6	Module/ Course Development	15	0
7	FDPs/Training Programs/STTPs/Workshops/Webinars/Conferences etc. Organized	15	15
8	FDPs/Training Programs/STTPs/Workshops/Webinars etc. Attended	20	20
9	Faculty Ph.D guidance (Supervisor/Co- Supervisor) with Scholar details	05	0
10	List of Sponsored/Funded projects (SERB, DST, AICTE, UGC, etc.)	10	0
12	Consultancy details <ul style="list-style-type: none"> Amount spent on developing facility, training teacher / staff for undertaking Consultancy Consultancy amount generated 	10	10
13	Seed money provided to faculty	10	10
14	Financial support to faculty to attend FDP, Workshop/seminars/conferences etc.	10	10
15	Faculty Appraisal	10	10
16	Visiting/Adjunct/Emeritus Faculty etc. file	10	0
Total		150	110

Any additional comments/feedback/observations/advice which may or may not be based on above points:

- Research projects work should be improved.
- No visiting faculty.



② 26/9/24

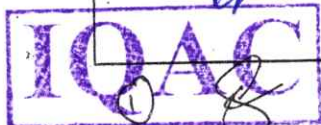
③ V. S. Reddy
 ④ PRINCIPAL
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 (AUTONOMOUS)
 NARASARAOPETA - 522 601
 Guntur (Dist.), A.P.

Criterion 6: Infrastructure & learning Resources

Sr.No.	Sub-parameter	Marks Assigned	Marks Secured
1	No of class rooms	4	4
2	No.of Class rooms & seminar halls with ICT facilities	5	5
3	No of laboratories	10	10
4	No of tutorial rooms	1	1
5	Faculty rooms/cabins	5	5
6	Equipment available (curricula and cost wise)	20	20
7	Computing facilities (including software)	10	10
8	Research facilities	10	10
9	Electric power available for 24x7	8	8
10	Audio visual facilities	5	5
11	Class rooms furniture (quantity and quality)	4	4
12	Laboratories I) furniture (quantity and quality) II) Logbook, Lab Manual, Sample Records III) Stock Register with Bills	10	10
13	No of books, e-library, online journals and printed journals related to programme in the central library	15	15
14	Departmental library A) No. of Titles B) No. of Volumes C) No. of National Journals/Magazines D) No. of International Journals E) Digital Library Facility F) Library expenditure	10	10
15	Internet, wi-fi facility and Band width	8	4
16	Student Computer Ratio	5	3
17	E content development facility	10	0
18	Improvement and maintenance made in infrastructural facilities during last year	10	10
Total		150	134

Any additional comments/feedback/observations/advice which may or may not be based on above points:

- NO wi-fi facility
- Student Computer ratio should be improved
- Needs to develop e content



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7. Student's Feedback and Corrective Action

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	Students Satisfactory survey (SSS)	10	10
2	Feedback during the semester		
	Frequency of obtaining student's feedback	20	20
	Corrective action taken at the departmental level		
3	Suggestion box	2	2
	Availability of suggestion box	2	2
	How frequently suggestion box is opened?	1	1
	Corrective action taken for suggestions at the departmental level		
4	Parent's Feedback, Employer's Feedback, Alumni Feedback, Hosteller's Feedback	15	10
	Total	50	45
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<ul style="list-style-type: none"> Employer's Feedback should be taken 			


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8. Career Guidance, Training, Entrepreneurship and Extra Curricular Activities

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	List of Career Guidance Programs organized	10	10
2	Pre-placement Training Details Capacity development & skill enhancement activities --soft skills, Language skills, Yoga	20	20
3	List of Entrepreneurship/IIC programs	20	20
4	Students participated/won prizes in Sports 1. Number of sports events / competitions organised by the institution 2. Number of awards/medals for outstanding performance in sports activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	10	10
5	NSS and NCC details of activities 1.Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year 2. Number of awards and recognition received, its teachers and students for extension activities from Government / Government-recognised bodies 3. Number of extension and outreach programmes conducted by the institution through NSS/NCC during the year 4. Number of students participating in extension activities	30	30
6	List of students won prizes in cultural events 1. Number of cultural events / competitions organised by the institution 2. Number of awards/medals for outstanding performance in cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	10	0
Total		100	90
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
• NO cultural events			

①  ② 26/9/24 ③ v.v.l. Reddy ④ 





Narasaraopeta Engineering College

(Autonomous)

Approved by AICTE, Permanently affiliated to JNTUK,
Kakinada

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Kotappakonda Road, Yellamanda Post, Narasaraopet - 522601 Guntur Dist.,
A.P

Phone No.08647-239903

ACADEMIC AUDIT FORMAT (WITH EFFECT FROM 2021-22 A.Y)

Features of Academic Audit

- Academic Audit Format is designed to incorporate the guidelines provided by National Knowledge Commission for various parameters.
- Academic Audit Format is designed to incorporate the most of the parameters related to various stake holders.
- 1000 **point** evaluation on nearly 115 activities and sub activities.
- Evaluation is based on eight different parameters indicating academic ambience at the campus.
- Proper weightage to each parameter as shown below.

S.NO	Parameters of Evaluation	Max. Marks	Weightage in %
1	Curricular Aspects	100	10.0
2	Teaching & Learning Processes	200	20.0
3	Course Outcomes and Program Outcomes	100	10.0
4	Students support & Progression	150	15.0
5	Faculty Information and Contributions	150	15.0
6	Infrastructure & learning Resources	150	15.0
7	Student's Feedback and Corrective Action	50	05.0
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	100	10.0
	Total	1000	100.0

- Evaluation is more objective rather than subjective.
- Evaluation provides the specific information about the shortcomings.
- Academic Audit Format includes evaluation of system, students **and faculty**.
- Evaluation of faculty includes evaluation by students as well as higher officer.
- Evaluation of students includes internal continuous evaluation, end **semester evaluation, curricular** and co-curricular evaluation and placement.
- Evaluation includes infrastructural and other facilities provided by the institute/department for overall development of students.
- Academic Audit Format manual is being prepared to facilitate the institute/department and the auditor to furnish the information and to evaluate respectively.



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Kotappakonda Road, Yellamanda Post, Narasaraopet - 522601 Guntur Dist.,
A.P.

Phone No.08647-239903

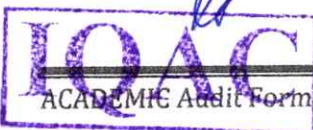
DEPARTMENT OF BS & H

Academic Audit Report

(To be filled up by Academic Experts)

Academic Year: 2023 - 2024

1. Name of the Auditor : Dr. B. Jhanbi Vazram
Designation : Professor & Head
Address : Dept. of IT & CSE(AI), NEC
Contact Number : 9908888519
Email id : ithod@nrtec.in
2. Name of the Auditor : P. S. I. Chakravarthy
Designation : Professor
Address : Dept. of ECE, NEC
Contact Number : 9885854901
Email id : chaki.p.s@gmail.com
3. Name of the Auditor : Dr. S. K. Ebraheem theelulle
Designation : Asst. Professor
Address : Dept. of ECE, NEC
Contact Number : 9491394143
Email id : Ebraheemphd@gmail.com
4. Name of the Auditor : Dr. Rama Krishna Eaturi
Designation : Asst. Prof. Dept. of CSE, NEC
Address :
Contact Number : 9533022555
Email id : drxkeluri@gmail.com
5. The days and dates of Visit : 26/9/2024



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NARASARAOPETA ENGINEERING COLLEGE
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Summary

S.No.	Parameters of Evaluation	Page No.	Max Marks	Marks Scored
1	Curricular Aspects	4	100 69	65
2	Teaching & Learning Processes	5	200 80	80
3	Course Outcomes and Program Outcomes	6	100 92.5	42.5
4	Students support & Progression	7	150 78	53
5	Faculty Information and Contributions	8	150	80
6	Infrastructure & learning Resources	9	150	120
7	Student's Feedback and Corrective Action	10	50 40	20
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	11	100 80	50
Total			1000	510.5

739.5

Grading System:

Grade	Details	Total Marks scored
A+	Excellent	880 and above
A	Good	700-879
B ✓	Acceptable ✓	550-699 ✓
C	Not-acceptable	Below 550

1. Strengths

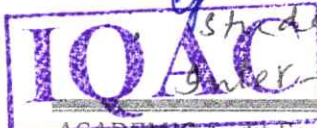
- No. of Doctoral faculty is good.
- More no. of experienced Faculty.

2. Weaknesses

- Less no. of Research publications
- No Sponsored / Funded / consultancy projects.


3. Suggestions on information

- Research facilities need to be provided.
- Department Library need to be established.
- Students a need to be encouraged to participate in Institute co-curricular / Extracurricular activities.



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1. Curricular Aspects

Sr. No.	Sub-parameter	Marks Assigned	Marks Scored
1	Curricula content to provide understanding of concepts of (with sufficient practical exposure)		
	Mathematics and basic sciences.	5	5
	Basic engineering subjects	5	5
	Management and Humanities	4	4
	Programme core	20	—
	Elective subjects	4	—
	Interdisciplinary elective subjects	2	—
	Communication and computer skills	5	5
	Proficiency in analysis, synthesis, modeling & simulation and Problem-solving skills	5	5
	Innovative and creative abilities	5	5
	Human skills and relations, professional ethics, environment	5	5
	Entrepreneurial skills	5	5
	Hands on training and other industrial needs	5	—
	Self-learning practices-MOOCs	5	5
2	DAC, PAC and BOS meeting minutes	10	6
3	Revision/Upgradation of the curriculum to incorporate appropriate new knowledge systems (based on BoS meeting)	15	15
Total		100 69	65
Additional comments/feedback/observations/advice which may or may not be based on above points:			
<p style="font-size: 1.2em;">DAC, PAC Files have to be conducted and Files to be updated.</p>			
			



2 Teaching & Learning Processes

Sr. No	Description	Marks Assigned	Marks Secured
1	Academic Calendar	05	5
2	Syllabus Book	10	10
3	Teaching practices- A. Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences B. ICT enabled tools for effective Teaching	10	10
3	Course File	20	20
4	Remedial Classes A) Methodology to identify Slow Learners B) Circular C) List of Slow Learners D) Attendance sheet with marks E) Syllabus coverage F) Impact Analysis	15	15
5	Mentoring	10	10
6	CRC meetings	10	10
7	Student Projects (Main/Mini projects) A. Projects identification and guide allocation Process B. Project domain/area classification C. Project Reviews D. Identification of Best Projects F. Publication in Journal/Conference	50	-
8	Industry Interaction/Training programs A. Industry Supported Laboratories, utilization and effectiveness B. Industry involvement in the program design and Curriculum (BoS / any other Industry person) C. Field work & Internship reports D. No. of value added courses & students enrolled E. Industry involvement in partial delivery of any regular courses for students F. No. of Students benefited by the training. G. No of MoU's	70	-
Total		200	80

Additional comments/feedback/observations/advice which may or may not be based on above points:

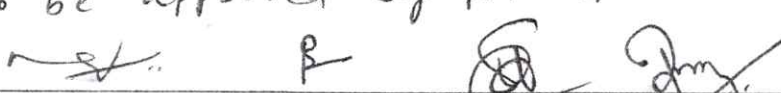
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3: Course Outcomes and Program Outcomes

Sr. No	Description	Marks Assigned	Marks Secured
1	Quality of Internal Semester Question Papers	10	10
2	Mapping of questions with COs and Blooms taxonomy	20	20
3	Course Articulation Matrix	20	0
4	Assessment Tools and Processes A) Direct Assessment - Internal and External Examinations B) Indirect Assessment - Course End Survey, Program Exit Survey, Employer Survey, Alumni Survey etc.	20 12.5	12.5
5	Batch wise CO attainment and CO- PO attainment for all courses. (Excel Sheet)	30	0
Total		100 92.5	42.5
Any additional comments/feedback/observations/advice which may or may not be based on above points: AS Regulation is changed, CO-PO mapping is to be approved by principal. 			





Criterion 4: Students support & Progression

Sr. No	Description	Marks Assigned	Marks Secured
1	Student Admission List A) I Year B) Lateral Entryx	05	5
2	Student Promotion Lists, Student Condonation Lists, Student Detention List	15	15
	No. of students benefited by scholarship	10	—
3	Student Monthly Attendance Reports	10	10
4	Student Internal Marks Reports (Consolidated)	10	10
	Result Analysis		
2	A) Success Rate in the stipulated period(Without Backlog) B) Success Rate in the stipulated period(With Backlog) C) Academic Performance in I Year D) Academic Performance in II Year x	24 18	0
	Placement, Higher Studies and Entrepreneurship		
3	A) Company-wise placement list with packages B) Unique Placement List C) List of Students opted for Higher Studies D) List of Students who became Entrepreneurs with proofs E) No.of students qualified competitive exams GRE, TOEFL, GMAT, CAT, GATE, PGECET etc	30	—
	Professional Activities		
4	A) Professional Societies/Chapters and organizing Engineering Event i) Availability and activities of professional societies or chapters ii) Number, quality of Engineering Events organized at Institute iii) Attended Engineering Events at Institute/State/National/International level B) Publication of Technical Magazines, Newsletters, etc. I) Quality and relevance of the contents and print material II) Participation of students from the program C) Participation in Inter-Institute Events by students of study (at other Institutions) i) Events within the state ii) Events outside the state iii) Prizes/Awards received in such events	40 20	13
5	Alumni Activities	06	—
Total		78	53

Any additional comments/feedback/observations/advice which may or may not be based on above points:

• Result Analysis file need to be updated for AY 2023-24
• student participation in Inter-Institute events is to be encouraged and it to be shown.

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Criterion 5: Faculty Information and Contributions

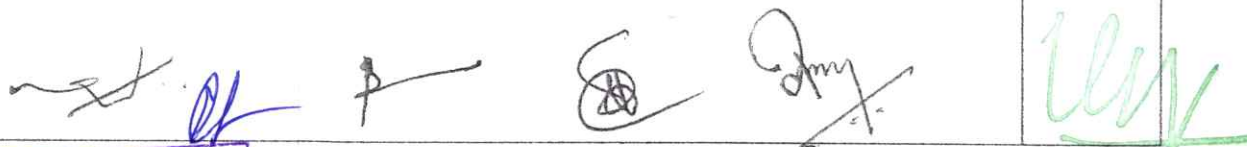
Sr. No	Description	Marks Assigned	Marks Secured
1	List of Faculty (Name, Designation, Qualification, DoJ)	05	5
2	Class Time Tables, Individual Time Tables	10	10
3	Faculty Research publications(Journals/Conferences)	10	10
4	Books Published	05	5
5	Patents	05	5
6	Module/ Course Development	15	0
7	FDPs/Training Programs/STTPs/Workshops/Webinars/Conferences etc. Organized	15	15
8	FDPs/Training Programs/STTPs/Workshops/Webinars etc. Attended	20	20
9	Faculty Ph.D guidance (Supervisor/Co- Supervisor) with Scholar details	05	0
10	List of Sponsored/Funded projects (SERB, DST, AICTE, UGC, etc.)	10	0
12	Consultancy details • Amount spent on developing facility, training teacher / staff for undertaking Consultancy • Consultancy amount generated	10	0
13	Seed money provided to faculty	10	0
14	Financial support to faculty to attend FDP, Workshop/seminars/conferences etc.	10	0
15	Faculty Appraisal	10	10
16	Visiting/Adjunct/Emeritus Faculty etc. file	10	0
Total		150	80

Any additional comments/feedback/observations/advice which may or may not be based on above points:

→ Faculty participation in the following aspects need to be improved:

- Ph.D guidance
- Sponsored / Funded projects
- Consultancy

→ ~~visit~~ visiting faculty culture may be encouraged.





Criterion 6: Infrastructure & learning Resources

Sr.No.	Sub-parameter	Marks Assigned	Marks Secured
1	No of class rooms	4	4
2	No.of Class rooms & seminar halls with ICT facilities	5	5
3	No of laboratories	10	10
4	No of tutorial rooms	1	1
5	Faculty rooms/cabins	5	5
6	Equipment available (curricula and cost wise)	20	20
7	Computing facilities (including software)	10	10
8	Research facilities	10	0
9	Electric power available for 24x7	8	8
10	Audio visual facilities	5	5
11	Class rooms furniture (quantity and quality)	4	4
12	Laboratories I) furniture (quantity and quality) II) Logbook, Lab Manual, Sample Records III) Stock Register with Bills	10	10
13	No of books, e-library, online journals and printed journals related to programme in the central library	15	15
14	Departmental library A) No. of Titles B) No. of Volumes C) No. of Natinal Journals/Magazines D) No. of International Journals E) Digital Library Facility F) Library expenditure	10	0
15	Internet, wi-fi facility and Band width	8	8
16	Student Computer Ratio	5	5
17	E content development facility	10	0
18	Improvement and maintenance made in infrastructural facilities during last year	10	10
Total		150	120
Any additional comments/feedback/observations/advice which may or may not be based on above points: → Research Facility is to be provided. → Dept. Library may be provided. → e-content development facility may be provided.			

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7. Student's Feedback and Corrective Action

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	Students Satisfactory survey (SSS)	10	—
2	Feedback during the semester		
	Frequency of obtaining student's feedback		10
	Corrective action taken at the departmental level	20	
3	Suggestion box		
	Availability of suggestion box	2	0
	How frequently suggestion box is opened?	2	0
	Corrective action taken for suggestions at the departmental level	1	0
4	Parent's Feedback, Employer's Feedback, Alumni Feedback, Hosteller's Feedback	15	10
Total		50 40	20
<p>Any additional comments/feedback/observations/advice which may or may not be based on above points:</p> <p>→ student's Feedback is taken but action taken at department level is not shown.</p> <p>→ suggestion box is not available and need to be arranged.</p>			

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8. Career Guidance, Training, Entrepreneurship and Extra Curricular Activities

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	List of Career Guidance Programs organized	10	10
2	Pre-placement Training Details Capacity development & skill enhancement activities --soft skills, Language skills, Yoga	20	20
3	List of Entrepreneurship/IIC programs	20	—
4	Students participated/won prizes in Sports 1. Number of sports events / competitions organised by the institution 2. Number of awards/medals for outstanding performance in sports activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	10	10
5	NSS and NCC details of activities 1. Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year 2. Number of awards and recognition received, its teachers and students for extension activities from Government / Government-recognised bodies 3. Number of extension and outreach programmes conducted by the institution through NSS/NCC during the year 4. Number of students participating in extension activities	30	10
6	List of students won prizes in cultural events 1. Number of cultural events / competitions organised by the institution 2. Number of awards/medals for outstanding performance in sports activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	10	0
Total		100	50
Any additional comments/feedback/observations/advice which may or may not be based on above points: → NSS and NCC activities file need to be updated → student cultural activities details need to be documented.			



Narasaraopeta Engineering College

(Autonomous)

Approved by AICTE, Permanently affiliated to JNTUK,
Kakinada

Accredited by NBA, NAAC with 'A' Grade

Kotappakonda Road, Yellamanda Post, Narasaraopet - 522601 Guntur Dist.,
A.P.

Phone No.08647-239903

Civil Engineering

ACADEMIC AUDIT FORMAT (WITH EFFECT FROM 2021-22 A.Y)

Features of Academic Audit

A.Y - 2023-2024

- Academic Audit Format is designed to incorporate the guidelines provided by National Knowledge Commission for various parameters.
- Academic Audit Format is designed to incorporate the most of the parameters related to various stake holders.
- 1000 point evaluation on nearly 115 activities and sub activities.
- Evaluation is based on eight different parameters indicating academic ambience at the campus.
- Proper weightage to each parameter as shown below.

S.NO	Parameters of Evaluation	Max. Marks	Weightage in %
1	Curricular Aspects	100	10.0
2	Teaching & Learning Processes	200	20.0
3	Course Outcomes and Program Outcomes	100	10.0
4	Students support & Progression	150	15.0
5	Faculty Information and Contributions	150	15.0
6	Infrastructure & learning Resources	150	15.0
7	Student's Feedback and Corrective Action	50	05.0
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	100	10.0
	Total	1000	100.0

- Evaluation is more objective rather than subjective.
- Evaluation provides the specific information about the shortcomings.
- Academic Audit Format includes evaluation of system, students and faculty.
- Evaluation of faculty includes evaluation by students as well as higher officer.
- Evaluation of students includes internal continuous evaluation, end semester evaluation, curricular and co-curricular evaluation and placement.
- Evaluation includes infrastructural and other facilities provided by the institute/department for overall development of students.
- Academic Audit Format manual is being prepared to facilitate the institute/department and the auditor to furnish the information and to evaluate respectively.





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A.P.

Phone No.08647-239903

DEPARTMENT OF Civil ENGINEERING Academic Audit Report

(To be filled up by Academic Experts)

Academic Year: 2023-24

1. Name of the Auditor : Dr K. Raju
Designation : Professor
Address : Dept. AECE
Contact Number : 9493451237
Email id : rajy.kolluri@gmail.com
2. Name of the Auditor : Dr R. Mohana Ramana
Designation : Associate Professor
Address : Dept. of BSH
Contact Number : 9492075546
Email id : mohana ramana crypto@gmail.com
3. The days and dates of Visit : 26/09/2024.



ACADEMIC Audit Format/NEC/NRT

PRINCIPAL
NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
NARASARAOPET - 522 601
Guntur (Dist.), A.P.

Summary

S.No.	Parameters of Evaluation	Page No.	Max Marks	Marks Scored
1	Curricular Aspects	4	100	89
2	Teaching & Learning Processes	5	200	153
3	Course Outcomes and Program Outcomes	6	100	—
4	Students support & Progression	7	150	105
5	Faculty Information and Contributions	8	150	71
6	Infrastructure & learning Resources	9	150	102
7	Student's Feedback and Corrective Action	10	50	44
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	11	100	70
Total			1000	634

Grading System:

Grade	Details	Total Marks scored
A+	Excellent	880 and above
A	Good	700-879
B	Acceptable	550-699
C	Not-acceptable	Below 550

1. Strengths

- ① Laboratories are good
- ② Non-Interceptors are good in various organization.

2. Weaknesses

- ① Actual faculty student ratio is to be improve
- ② Non student admissions are less


3. Suggestions on information

- ① Faculty to be encouraged in research activities
- ② Students can be encouraged in Entrepreneurships



ACADEMIC Audit Format/NEC/NRT

(Dr. K. Ravi)


 C.D.R. MOHAN RAMANA
 PRINCIPAL
 NARASARAOPETA ENGINEERING COLLEGE
 (AUTONOMOUS)
 NARASARAOPETA - 522 601,
 Guntur (Dist), A.P.

1. Curricular Aspects

Sr. No.	Sub-parameter	Marks Assigned	Marks Scored
1	Curricula content to provide understanding of concepts of (with sufficient practical exposure)		
	Mathematics and basic sciences.	5	5
	Basic engineering subjects	5	5
	Management and Humanities	4	4
	Programme core	20	20
	Elective subjects	4	4
	Interdisciplinary elective subjects	2	2
	Communication and computer skills	5	5
	Proficiency in analysis, synthesis, modeling & simulation and Problem-solving skills	5	5
	Innovative and creative abilities	5	3
	Human skills and relations, professional ethics, environment	5	5
	Entrepreneurial skills	5	3
	Hands on training and other industrial needs	5	4
	Self-learning practices-MOOCs	5	5
2	DAC, PAC and BOS meeting minutes	10	4 (DAC, SP)
3	Revision/Upgradation of the curriculum to incorporate appropriate new knowledge systems (based on BoS meeting)	15	15
Total		100	89
Additional comments/feedback/observations/advice which may or may not be based on above points:			



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2 Teaching & Learning Processes

Sr. No	Description	Marks Assigned	Marks Secured
1	Academic Calendar	05	5
2	Syllabus Book	10	10
3	Teaching practices- A. Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences. B. ICT enabled tools for effective Teaching	10	3
3	Course File	20	15
4	Remedial Classes A) Methodology to identify Slow Learners B) Circular C) List of Slow Learners D) Attendance sheet with marks E) Syllabus coverage F) Impact Analysis	15	10
5	Mentoring	10	10
6	CRC meetings	10	10
7	Student Projects (Main/Mini projects) A. Projects identification and guide allocation Process B. Project domain/area classification C. Project Reviews D. Identification of Best Projects F. Publication in Journal/Conference	50	45
8	Industry Interaction/Training programs A. Industry Supported Laboratories, utilization and effectiveness B. Industry involvement in the program design and Curriculum (BoS / any other Industry person) C. Field work & Internship reports D. No. of value added courses & students enrolled E. Industry involvement in partial delivery of any regular courses for students F. No. of Students benefited by the training. G. No of MoU's	70	50
Total		200	153

Additional comments/feedback/observations/advice which may or may not be based on above points:

- ① Involvement of Industry in the development of lab's to be i
- ② Procedure to Identifying the best project, to be followed

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3: Course Outcomes and Program Outcomes

Sr. No	Description	Marks Assigned	Marks Secured
1	Quality of Internal Semester Question Papers	10	—
2	Mapping of questions with COs and Blooms taxonomy	20	—
3	Course Articulation Matrix	20	—
4	Assessment Tools and Processes A) Direct Assessment - Internal and External Examinations B) Indirect Assessment - Course End Survey, Program Exit Survey, Employer Survey, Alumni Survey etc.	20	—
5	Batch wise CO attainment and CO- PO attainment for all courses. (Excel Sheet)	30	—
Total		100	
Any additional comments/feedback/observations/advice which may or may not be based on above points:			—

* Co-PO mapping and attainment can be done by the 2023-24 Academic year



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Criterion 4: Students support & Progression

Sr. No	Description	Marks Assigned	Marks Secured
1	Student Admission List A) I Year B) Lateral Entry	05	5
2	Student Promotion Lists, Student Condonation Lists, Student Detention List	15	15
	No. of students benefited by scholarship	10	-
3	Student Monthly Attendance Reports	10	10
4	Student Internal Marks Reports (Consolidated)	10	10
	Result Analysis		
2	A) Success Rate in the stipulated period(Without Backlog) B) Success Rate in the stipulated period(With Backlog) C) Academic Performance in I Year D) Academic Performance in II Year	24	20
3	Placement, Higher Studies and Entrepreneurship A) Company-wise placement list with packages B) Unique Placement List C) List of Students opted for Higher Studies D) List of Students who became Entrepreneurs with proofs E) No.of students qualified competitive exams GRE, TOEFL, GMAT, CAT, GATE, PGECET etc	30	15
4	Professional Activities A) Professional Societies/Chapters and organizing Engineering Event i) Availability and activities of professional societies or chapters ii) Number. quality of Engineering Events organized at Institute iii) Attended Engineering Events at Institute/State/National/International level B) Publication of Technical Magazines, Newsletters, etc. I) Quality and relevance of the contents and print material II) Participation of students from the program C) Participation in Inter-Institute Events by students of study (at other Institutions) i) Events within the state ii) Events outside the state iii) Prizes/Awards received in such events	40	30
5	Alumni Activities	06	-
Total		150	105

Any additional comments/feedback/observations/advice which may or may not be based on above points:

① students should be encouraged to participate in various extra and co-curricular activities and collected properly

② feedback mechanism on the various events to be properly collect

③ maintained properly for corrective measures



NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)
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Criterion 6: Infrastructure & learning Resources

Sr.No.	Sub-parameter	Marks Assigned	Marks Secured
1	No of class rooms	4	4
2	No.of Class rooms & seminar halls with ICT facilities	5	4
3	No of laboratories	10	8
4	No of tutorial rooms	1	1
5	Faculty rooms/cabins	5	5
6	Equipment available (curricula and cost wise)	20	20
7	Computing facilities (including software)	10	-
8	Research facilities	10	10
9	Electric power available for 24x7	8	8
10	Audio visual facilities	5	5
11	Class rooms furniture (quantity and quality)	4	4
12	Laboratories I) furniture (quantity and quality) II) Logbook, Lab Manual, Sample Records III) Stock Register with Bills	10	10
13	No of books, e-library, online journals and printed journals related to programme in the central library	15	15
14	Departmental library A) No. of Titles B) No. of Volumes C) No. of National Journals/Magazines D) No. of International Journals E) Digital Library Facility F) Library expenditure	10	-
15	Internet, wi-fi facility and Band width	8	8
16	Student Computer Ratio	5	-
17	E content development facility	10	-
18	Improvement and maintenance made in infrastructural facilities during last year	10	-
Total		150	102
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<p>① Computer lab facility is to be provided for the students</p> <p>②</p>			

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7. Student's Feedback and Corrective Action

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	Students Satisfactory survey (SSS)	10	10
2	Feedback during the semester		
	Frequency of obtaining student's feedback		
	Corrective action taken at the departmental level	20	20
3	Suggestion box		
	Availability of suggestion box	2	2
	How frequently suggestion box is opened?	2	2
	Corrective action taken for suggestions at the departmental level	1	-
4	Faculty, Student, Employer's, Alumni Feedback on curriculum	15	10
	Total	50	44
Any additional comments/feedback/observations/advice which may or may not be based on above points:			



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Page 10

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8. Career Guidance, Training, Entrepreneurship and Extra Curricular Activities

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	List of Career Guidance Programs organized	10	10
2	Pre-placement Training Details Capacity development & skill enhancement activities --soft skills, Language skills, Yoga	20	20
3	List of Entrepreneurship/IIC programs	20	20
4	Students participated/won prizes in Sports 1. Number of sports events / competitions organised by the institution 2. Number of awards/medals for outstanding performance in sports activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	10	-
5	NSS and NCC details of activities 1.Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year 2. Number of awards and recognition received, its teachers and students for extension activities from Government / Government-recognised bodies 3. Number of extension and outreach programmes conducted by the institution through NSS/NCC during the year 4. Number of students participating in extension activities	30	30
6	List of students won prizes in cultural events 1. Number of cultural events / competitions organised by the institution 2. Number of awards/medals for outstanding performance in cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year	10	-
Total		100	70 70
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
Extra curricular activities to be improved for the stud			



NARASARAOPETA
ENGINEERING COLLEGE
(AUTONOMOUS)

*External Academic
Audit Report*



NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

EXTERNAL AUDIT
ACADEMIC AND ADMINISTRATIVE
AUDIT
(AAA) 2023-2024

Internal Quality Assurance Cell
(IQAC)

Summary Sheet

1. Curricular Aspects

- New regulations (R23) have been adapted in line with National Education Policy. NSS, NCC and community service, Health & Wellness, Yoga & Sports are included in the curriculum.
- EDX courses integrated into II & III year B.Tech curriculum, yielding 800+ certifications. Demonstrates commitment to industry-relevant education and lifelong learning
- Admissions are to be improved in B.Tech core branches and in M.Tech courses.
- A notable strength of the institution is the students' enthusiastic participation in internships and community service projects.

2. Teaching – Learning and Evaluation

- Faculty and students have demonstrated a commendable commitment to lifelong learning, achieving remarkable (3000+) success in obtaining prestigious online certifications.
- In collaboration with esteemed organizations, such as Brainovision, NITTTR, and VIT-AP, the institution has successfully organized numerous faculty development programs.
- A significant number(120+) of value-added programs have been successfully conducted to Enhance students' technical skills, Foster soft skills and personality development, Promote industry readiness and employability.

3. Research, Consultancy and Extension

- JNTUK approved research centres are existing in ECE & CSE branches.
- The institution is equipped with a fully functional Innovation and Incubation Center (IIC), rated 3.5 stars (out of 4), providing a conducive environment for innovation, entrepreneurship, and startup incubation.
- The Research and consultancy policy may be revised.
- The institution has established a robust network of operational MoUs with



NARASARAOPETA ENGINEERING COLLEGE
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esteemed institutions and industry partners, driving collaborative research, innovation, and capacity building.

- Received grant for establishment of IP facilitation centre (IPFC) in association with the ministry of MSME, Govt. of India.
- The institution's active NSS unit, comprising a sizable team of volunteers, conducts diverse community service activities, demonstrating its commitment to social responsibility and community development.

4. Infrastructure and learning Resources

- IBM academic initiative programs are functional and institute is also Academic partner with WIPRO through their ELITE programme, TalentNext
- It is proposed to Establish Centre of Excellence (COE) in Emerging Technologies such as cloud computing, Artificial Intelligence etc.
- The institution has invested in cutting-edge computer labs, equipped with smart boards, audio-visual facilities, and high-speed internet, revolutionizing the teaching and learning experience.
- It is proposed to establish Industry-Academia Collaborative Labs to bridge the gap between academia and industries.

5. Student support and Progression

- The Department of Mechanical Engineering successfully organized an International Alumni Meet, It is recommended to Conduct a college-level International Alumni Meet to Broaden alumni engagement across departments.
- Students have consistently showcased innovative solutions at the Smart India Hackathon, a prestigious Government of India initiative, demonstrating our institution's commitment to fostering innovation, entrepreneurship, and industry collaboration.
- The institution has conducted numerous workshops and training programs in association with APSSDC, CITD, AGIIT, IEEE etc. for the betterment of the students.
- The institute has vibrant NCC unit provides comprehensive training, fostering discipline, leadership, and community service among boys and girls, with 29 cadets achieving B-Certificates and 8 cadets earning C-Certificates.
- Departments' in-house GATE coaching programs have yielded impressive results, with 6 EEE students qualifying GATE-2024, demonstrating institute commitment to enhance the students' technical skills and employability.
- Institution proudly hosts an annual Graduation Day, honoring graduates' achievements and fostering a sense of community. The 6th Graduation Day, held on September 2023, was a resounding success, inspiring graduates and reinforcing institutional values.

6. Governance, Leadership and Management

- Institute acquired NIRF ranking for the year 2024 in 201-300 band.
- Department of Mechanical Engineering got NBA Accreditation under Tier 1



valid up to 2025-2026.

- Institution has achieved a significant milestone with the merger of Narasaraopeta Institute of Technology (NIT) and AICTE-sanctioned additional intake, increasing the total intake capacity to 2010 seats for UG and PG programs, providing more opportunities for aspiring engineers and solidifying our position as a leading educational institution.
- Institution is proud to receive the "Best Technical Educational Institute" award from Times Business for the year 2023, recognizing our commitment to academic excellence, innovative research, and exceptional industry partnerships, cementing our position as a leader in technical education.
- Institute has achieved a remarkable ranking of 190 among private engineering colleges in India for the year 2024, as per India Today's rankings. This is a testament to the institution's commitment to providing quality education and excellence in engineering.
- Institute has achieved an impressive ranking of 138 among India's best private engineering colleges, as per the WEEK-HANSA RESEARCH Survey-2024. This recognition is a testament to NEC's commitment to providing exceptional engineering education and fostering innovation.
- Institute has received an impressive AAA+ grade from Careers 360 for the year 2024.

7. General Remarks

- It is observed that Mechanical Engineering department has developed Electric Vehicle and it is suggested to have a solar energy driven vehicle also.
- To accommodate the increased intake of 2010 students, the institution has to upgrade the canteen facility to Provide adequate seating and dining space
- To promote student wellness and recreation, the institution has to establish a state-of-the-art indoor games facility.
- Each Department of NEC publishes its own News Letters with unique titles.
- The curricular plan was created ahead of the semester and implemented consistently without any deviations.
- All programs were properly documented & maintained by respective departments.


8. Suggestions

- Efforts should be focused on securing placements that provide top-tier packages.
- Institute should support Startups.
- R&D and Consultancy are to be improved.
- SCI Indexed journal publications are to be increased.
- Iconic building for administrative purpose and a separate library building may be constructed.
- A dedicated Computer Centre, Hostel and Transport facility to be increased as per increased intake.



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Guntur - 5

- Suggested to go for International rankings from next year onwards.
- Core branch admissions and PG admissions need to be improved.

Evaluator 1 Name <i>Dr. K. Venkata Rao</i> Signature <i>K. Venkata Rao</i>	Evaluator 2 Name <i>DR S V N SRGENIVASU</i> Signature <i>[Signature]</i>
Evaluator 3 Name <i>DR. SK. MD. SHAREEF</i> Signature <i>[Signature]</i>	Evaluator 4 Name <i>DR. K. LAKSHMINADH</i> Signature <i>[Signature]</i>
Evaluator 5 Name : <i>DR. K. RAJY</i> Signature <i>[Signature]</i>	Evaluator 6 Name <i>DR. MD Jareed Ahammed</i> Signature <i>[Signature]</i>
Evaluator 7 Name <i>DR. B. Hanis Vazram</i> Signature <i>[Signature]</i>	<i>Dr. B. Venkata Siva</i> <i>Venkat Siva</i> 

Chairperson of the Committee

Name : *DR. S. Venkateswarlu*

Signature : *[Signature]*

Principal

NARASARAOPETA ENGINEERING COLLEGE
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NARASARAOPET - 522 601, Palnadu (Dist.), A.P.


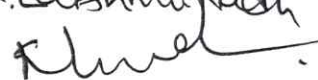


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EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT (For the Academic Year 2023-24)	Internal Quality Assurance Cell (IQAC)
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Summary Sheet
 Department of Mechanical Engineering

<p>1. Strengths</p> <p>1) Teaching & Learning is good which is taking care of overall development of students.</p> <p>2) Department is having good Infrastructure and well-qualified faculty.</p>
<p>2. Weaknesses</p> <p>1) Attention should be directed towards placements that offer top-tier salary packages.</p> <p>2) Students to be encouraged for their participation in co-curricular and Extra-curricular activities in other States.</p>
<p>3. Concerns</p> <p>1) Enhance the quality of Journals such as SCI Indexed and Web of Science.</p> <p>2) Faculty should be encouraged to prepare/develop E-Content for the development of students.</p>

<p>Expert 1 Name: Dr. K. Venkatarao Signature: </p>	<p>Expert 2 Name: Dr. K. Lashmi Nethi Signature: </p>
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Dr. K. VENKATARAO
 Ph.D
 Professor
 Dept. of Mechanical Engg
 VESTER UNIVERSITY





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NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT (For the Academic Year 2023-24)	Internal Quality Assurance Cell (IQAC)
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Summary Sheet

Department of M.B.A

1. Strengths

- Availability of experienced & motivated faculty with good/high qualification
- Best college for Management Studies in the surroundings with dual specialisations.
- Students get the opportunity to explore their practical abilities through industrial visits & workshop, seminar etc...

2. Weaknesses

- Students are mostly from rural background with poor communication skills.
- More quality research publication to be increased.
- Placements are to be improved

3. Concerns

- Improve placement opportunities
- Skill enhancement programmes to be conducted
- Senior professors should be invited from reputed organisations for workshops.

Expert 1 Name: Dr. S. SANTHA KUMARI Signature:	Expert 2 Name: Dr. Y. Lakshman Kumar Signature:
-------------------------------------------------------------	--------------------------------------------------------------



DR. S. SANTHA KUMARI
HEAD OF THE DEPARTMENT
DEPARTMENT OF COMMERCE
& I. Decided to be University
VADUESWARAM 522502
Guntur Dist., A.P., INDIA.





EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT (For the Academic Year 2023-24)	Internal Quality Assurance Cell (IQAC)
----------------------------------------------------------------------------------------------	---------------------------------------------------

Summary Sheet

Department of COMPUTER SCIENCE AND ENGINEERING

<p>1. Strengths</p> <ul style="list-style-type: none"> → High placement rates with competitive salaries in reputed organization. → Faculty actively engaged in research and publications. → Strong industry connections for internship, guest lecture, and workshop.
<p>2. Weaknesses</p> <ul style="list-style-type: none"> → Lack of external funding for research projects. → Insufficient opportunities for students to develop leadership and entrepreneurship skills. → The lack of parent-teacher meetings affects communication about students' progress.
<p>3. Concerns</p> <ul style="list-style-type: none"> → Invite Professors from IITs or other reputed universities to conduct guest lectures, seminar and FDP. → Encourage faculty to publish in high impact journals and patents. → Increase research collaborations with industries

Expert 1 Name: Dr. K. Subrahmanyam Signature: 	Expert 2 Name: Dr. P. Suresh Babu Signature: 
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Dr. K. SUBRAHMANYAM
 DIRECTOR - PG Programs
 Koneru Lakshmaiah Education Foundation
 (Deemed to be University)
 VADDESWARAM-522 502.




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EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT (For the Academic Year 2023-24)	Internal Quality Assurance Cell (IQAC)
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Summary Sheet

Department of ECE


1. Strengths <ol style="list-style-type: none"> 1. Good no. of student admissions 2. Adequate Infrastructural facility and experienced faculty with good retention. 3. Good no. of Internships done by the students
2. Weaknesses <ol style="list-style-type: none"> 1. Limited Research funding 2. Insufficient Industrial Connection 3. Poor PG admissions
3. Concerns <ol style="list-style-type: none"> 1. Fostering a culture of Innovation and Entrepreneurship 2. Suggest to organize more programs with MOU Organizations 3. Encourage the faculty to publish in reputed Journals.

Expert 1 Name: Dr. K. Hari Kishore Signature: <i>K. Hari Kishore</i>	Expert 2 Name: Dr. S. M. SHARATH Signature: <i>S. M. Sharath</i>
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Dr. HARI KISHORE KAKARLA
 Professor, Dept. of ECE
 Koneru Lakshmaiah Education Foundation
 (Deemed to be University)
 GUNTUR, A.P.

Professor and Head of the Department,
 Electrical and Electronics Engineering
NARASARAOPETA ENGINEERING COLLEGE
 Autonomous
 Narasaraopeta - 522 601 Guntur (Dist.)




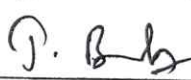

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Summary Sheet

Department of Master of Computer Applications.

1. Strengths	1. Good number of admissions. 2. Students and faculty are doing more MOOCs Certifications 3. Students have published good number of papers in different ugc care journals.
2. Weaknesses	1. Need to improve placement rates with competitive salaries in reputed Organizations 2. Industrial visits for Students should be encouraged 3. Need industry connections for internships, guest lectures and workshop.
3. Concerns	1. Number of MoU's are to be improved for training Students on contemporary tools. 2. Labs to be updated with advanced Systems and softwares. 3. Need to apply various funding projects like AICTE, DST, Vgc...

Expert 1 Name: Dr. S. Sagar Srinivasan Signature: 	Expert 2 Name: Dr. P. Brahmaiah Naik Signature: 
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PROFESSOR
 Computer Science and Engineering
K L UNIVERSITY
 VADDESWARAM-522 502, Guntur District







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 Guntur District

EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT (For the Academic Year 2023-24)	Internal Quality Assurance Cell (IQAC)
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Summary Sheet
 Department of CIVIL ENGINEERING

<p>1. Strengths</p> <ol style="list-style-type: none"> 1. Laboratories are good 2. No of Internships are good in various organizations
<p>2. Weaknesses</p> <ol style="list-style-type: none"> 1. Student-Faculty Ratio is to be Improved 2. No of students admissions are poor
<p>3. Concerns</p> <ol style="list-style-type: none"> 1. Faculty to be Encouraged in research activities 2. Students are Encouraged in Entrepreneurships 3. Encouraged to participate in various Extra and Co-curricular activities outside.

<p>Expert 1 Name: Dr. Ch. Hanumanth Rao Signature: </p>	<p>Expert 2 Name: Dr. K. Raju Signature: </p>
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(Deemed to be University)
 Green Fields, VADESWARAM-522502,
 Guntur Dist, Andhra Pradesh

PROFESSOR
 Dept. of Electronics & Communication
 NARASARAOPETA ENGINEERING COLLEGE
 NARASARAOPETA - 522001



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 GUNTUR (A.P.)



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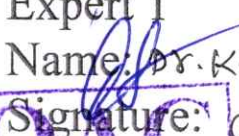
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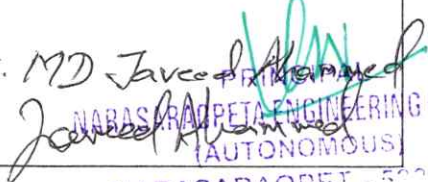
EXTERNAL ACADEMIC AND ADMINISTRATIVE AUDIT (For the Academic Year 2023-24)	Internal Quality Assurance Cell (IQAC)
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Summary Sheet

Department of CSE(AI ML), CSE(CS), CSE(CDS)

<p>1. Strengths</p> <ol style="list-style-type: none">1. well qualified, experienced, and dedicated team of faculty.2. Focus on skill development and outcome-based education.3. Adequate eco-friendly infrastructure.4. Encourage students to engage in in-house projects to gain hands-on experience.5. Organizing workshops for students to enhance their skills.
<p>2. Weaknesses</p> <ol style="list-style-type: none">1. The R&D facilities are inadequate.2. Faculty publications are less.
<p>3. Concerns</p> <ol style="list-style-type: none">1. Need to organize cultural and sports activities.2. Desire to organize national conferences, workshops, and faculty development programs.

Expert 1
Name: Dr. K.V.D. Kiran
Signature: 
PROFESSOR
Computer Science and Engineering
K L UNIVERSITY
VADDESWARA, 522 501, GUNTUR DISTRICT



Expert 2
Name: Dr. MD Javed Ahmed
Signature: 
NARASARAOPETA ENGINEERING COLLEGE
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GUNTUR DISTRICT

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Summary Sheet
Department of Electrical and Electronics Engineering

<p>1. Strengths</p> <ul style="list-style-type: none"> a. Good in Curriculam b. Industry interaction is good by organising industrial visits regularly c. Faculty are encouraged to attend FDP's.
<p>2. Weaknesses</p> <ul style="list-style-type: none"> a. Need to conduct Alumni activities b. Need to focus on research projects and Consultancy work.
<p>3. Concerns</p> <ul style="list-style-type: none"> a. Need to focus on more MoU's b. Need to improve professional Society activities

<p>Expert 1 Name: <u>Dr. M. Ravindrababu</u> Signature: </p>	<p>Expert 2 Name: <u>Dr. SUN SREENIVASU</u> Signature: </p>
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Asst. Professor, EEE
UNIVERSITY COLLEGE OF ENGINEERING
IN FUK NARASARAOPET
NARASARAOPET - 522 601, A.P., INDIA.




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Summary Sheet

Department of Basic Sciences & Humanities

1. Strengths

1. A good number of doctorates in the department.
2. Well experienced faculty and faculty retention is Good
3. Good number of paper publications (Scopus).

2. Weaknesses

1. Department currently lacks sponsored, funded or consultancy projects.
2. Need to organise FDP's.

3. Concerns

1. Need to enhance research facilities for basic sciences.
2. First year students should be encouraged to actively participated in co-curricular and extra curricular activities.

Expert 1

Name: Dr. C. Neelima
Signature: Assoc Prof & HOD
Dept. of CSS

KL University

Expert 2

Name: Dr. B. Jhansi Vazram
Signature: Professor & Head
Dept. of IT & CSE (AI)

Dr. B. JHANSI VAZRAM

B.Tech., M.Tech., Ph.D.

Professor & Head

Dept. of IT & CSE (AI)

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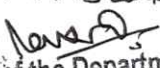
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Summary Sheet

Department of INFORMATION TECHNOLOGY

1. Strengths	<ul style="list-style-type: none"> • Teaching and Learning process is good • Good Teamwork among faculty of the department. • No. of Training programs and competitions conducted to students in association with professional societies (CSI/ACM/ISTE) is good.
2. Weaknesses	<ul style="list-style-type: none"> • Need to improve placements with good packages • Need to get industry supported laboratories • No. of research publications in reputed Journals/conferences by faculty need to be increased.
3. Concerns	<ul style="list-style-type: none"> • More focus on research related activities like publications, consultancy and funding projects. • Training programs for GATE/IAS should be conducted for students in the department.

Expert 1 Name: Dr. D. Naga Mallikarjuni Signature: 	Expert 2 Name: Dr. V. V. A. S. Lakshmi Signature: 
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Head of the Department
 CSE (AI & ML, Cyber Security, Data Science)
 NARASARAOPETA ENGINEERING COLLEGE
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 NARASARAOPET - 522 601, Palnadu Dist., A.P.






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Summary Sheet
 Department of CSE (ARTIFICIAL INTELLIGENCE)

1. Strengths	<ul style="list-style-type: none"> • Dedicated, motivated and committed faculty. • Outcome based education is being implemented. • Admissions and pass percentages are good. • Sufficient Infrastructure.
2. Weaknesses	<ul style="list-style-type: none"> • No. of faculty with Ph.D is to be increased/recruited. • Need to get industry supported laboratories. • No. of research publications, by faculty, in reputed Journals/conferences need to be improved.
3. Concerns	<ul style="list-style-type: none"> • Encourage students to participate cocurricular extra curricular activities outside college/ outside state. • FDPs on latest Technologies need to be conducted. • Focus on Research related activities.

Expert 1 Name: <u>Dr. D. Naganalluvarai</u> Signature: 	Expert 2 Name: <u>Dr. V. V. A. S. Lakshmi</u> Signature: 
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Head of the Department
 CSE (AI & ML, Cyber Security, Data Science)
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MOUs & Patents

&

Books



NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)

MOUs LIST FOR THE ACADEMIC YEAR 2023-2024

S.No.	Details	Date	Period of validity	Nature of MOU	Dept
1	RWTH AACHEN UNIVERSITY, GERMANY	27-02-2024	5 years	Academia	ME
2	THE FACTOR-Y LTD	16-02-2024	open ended	Academia	college
3	RWTH INTERNATIONAL ACADEMY, GERM gGmbH (4+2 PROGRAM)	14-02-2024	3 years	Academia	ME & CIVIL
4	RWTH India Office (AcademyIAM India Pvt.Ltd) German pre master program (IES)	14-02-2024	3 years	Academia	ME
5	SRC e-Solution	15-12-2023	5 years	Training Industry	College
6	HIEE EMPOWERING ENGINEERS PVT LTD	14-12-2023	3 years	Training Industry	College
7	ELEWAYTE	27-11-2023	2 years	Training Industry	College
8	AM Reddy Memorial College of Engineering	31-07-2023	1 year	Academia	college




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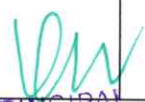
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NUMBER OF PATENTS

ACADEMIC YEAR 2023-2024

S.No	Title Of Patent	Application No /Date of Filing	Publication Date	Faculty Name	Department
1	A System and Method for Real-Time Image Classification using Deep Learning Algorithms	202441054952 18-07-2024	02-08-2024	Mrs G.Nagendram	IT
2	Task-Based Language Teaching for Rural Engineers : Enhancing Oral Proficiency in Civil Engineeg	202441052072 08-07-2024	19-07-2024	Dr Rafi Shaik	BS & H
3	Modern Education and Well-Being:A Machine Learning-Based Ehealth Strategy for Teachers Stress and Anxiety Management	202441023026 A 23-03-2024	29-03-2024	K.Jaya Prakash	IT
4	Implementing A Bif Data-Driven Human Resource Management System(HRMS) TO Protect Sensitive Business Data	202441001275 07-01-2024	09-02-2024	Dr S.V.N.Sreenivasu	CSE
5	AI Based Pesticide Spraying and Fruit Harvesting Machine	403218-001 27-12-2023	29-03-2024	K.Venkata Narasimha Reddy	CSE




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6	Artificial Intelligence Based Delivery Robotic Device	395181-001 15-09-2023	15-12-2023	K.Venkata Narasimha Reddy	CSE
7	Development of Novel Secure Data Sharing Method for Diverse Stakeholders on Cloud Using Privacy Protection Model	202341033877 A 15-05-2023	23-06-2023	Uppala Vijay Kumar	IT
8	Smart Hand Santizier making and Dispensing machine	202041029371 11-07-2020	29-02-2024	Dr K. Nageswara Rao Mr Ch.Venkata Murali Krishna Veera Ankalu Vuyyuru Mr Bala Brahmeswara K Mr K Sai Prasanth Mrs B.Suneetha Mr Md Umair Quadri Mr Ch.Satyananda Reddy Dr Srinu Naik Ramavathu Mr Arshad Md	
9	Implementing A big Data-Driven Human Resource Management system to protect Sensitive Business	202441001275 07-01-2024	09-02-2024	Dr S.V.N.Sreenivasu	CSE
10	Innovative Computational Approaches for MHD Stabilization in Newtonian	202341084869 12-12-2023	12-01-2024	Dr R.Mohana Ramana	BS & H
11	Nano-Enhanced Composite Material With Improved Strength And Durability	202341054581, 01/09/2023	01/09/2023	Dr. K. Neeraja Dr.Y.Lakshman Kumar Dr. P. N. V. V. L.Pramila Rani Dr. N. Giridhar Babu Mrs. M. NagaSireesha Dr. Poli Reddy. V Dr. K. Ephraim Babu Dr. K. Sreenivasulu Dr. T. Anjaneyulu Mr. G. Samuel John	



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NUMBER OF TEXT BOOKS PUBLISHED

ACADEMIC YEAR 2023-2024

S.No	Name of Faculty Member	Name of the Book	Name of the Publisher	ISBN No.	Year of Publication
Department of BS&H					
1	Dr. K. Neeraja	Basic concepts of Nanomaterials	Infinite Research, Registered under MSME, Government of India	ISBN: 978-81-965046-9-4	2023-2024




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