



NARASARAOPETA
ENGINEERING COLLEGE
(AUTONOMOUS)

Key Indicator - 6.5

Internal Quality Assurance

System



**NARASARAOPETA
ENGINEERING COLLEGE**
(AUTONOMOUS)

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	MOUs & Patents & Books



NARASARAOPETA
ENGINEERING COLLEGE
(AUTONOMOUS)

Internal Academic Audit Report



NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

Kotappakonda Road, Yellamanda (P.O), NARASARAOPET-522 601, Palnadu Dist., A.P.
(Sponsored by Gayatri Educational Development Society), Narasaraopet.



Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada. Code : 47, NIRF Ranking 251 - 300 Band
Accredited by NBA (CSE, ECE) & NAAC "A+" Grade, ISO 9001 : 2015 Certified Institution.

08647-239903

Visit us at : www.nrtec.in

e-mail : principal@nrtec.in

Dr. M. SREENIVASA KUMAR

M.Tech., Ph.D. (UK), MISTE, FIE (I)

PRINCIPAL

28-08-2023,
Narasaraopet

To

Dr. K. Vimal Kumar

Assistant Professor, Dept. of EEE,

University College of Engineering JNTUK (Narasaraopet),

Narasaraopet, Andhra Pradesh,

INDIA.

Sub: Request to conduct Academic and Administrative Audit at our Premises-Reg.

Sir,

This is to inform you that NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS) is accredited by NAAC A+, NBA and ranked by NIRF (band of 251-300) in the year 2022. Administrative audit for Electrical and Electronics Engineering department for academic year 2022-23. We will be pleased to have your presence at our institute on 30-08-2023 to conduct audit and provide your remarks on the observations to improve standards of our institute.

Thanking you,

With Regards,

(Dr.M.Sreenivasa Kumar)

PRINCIPAL

NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

NARASARAOPET - 522 601.

Guntur (Dist.), A.P.

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





NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

EXTERNAL AUDIT ACADEMIC AND ADMINISTRATIVE AUDIT (AAA) 2022-2023 [01-07-2022 to 30-06-2023]	Internal Quality Assurance Cell (IQAC)
--	---

Summary Sheet

Department of Electrical and Electronics Engineering

1. Strengths

1. Students actively participated in Swayam NPTEL courses and AICTE PARAKH SLAP programs and got certifications.
2. Students results are good.
3. Teaching and Learning mechanism is good.

2. Weaknesses

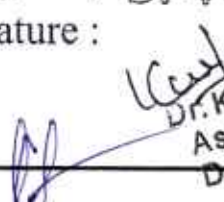
1. Need more focus on faculty research publications.
2. Student participation in competitive exams like GATE, GRE and TOFEL etc.

3. Concerns

1. Need to improve funding projects.
2. To develop more number of innovative projects.


Expert 1

Name : DR. K. VIMALA KUMAR

Signature : 
DR. K. VIMALA KUMAR
Assistant Professor
Department of EEE
UCEN JNTUK
Narasaraopet-522 601

Expert 2

Name : DR. S. V. N. SREENIVASU

Signature : 
PROFESSOR
Dept. of Computer Science & Engineering
NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
NARASARAOPETA - 522 601, Guntur...



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



NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

Kotappakonda Road, Yellamanda (P.O), NARASARAOPET-522 601, Palnadu Dist., A.P.
(Sponsored by Gayatri Educational Development Society), Narasaraopet.



Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada. Code : 47, NIRF Ranking 251 - 300 Band
Accredited by NBA (CSE, ECE) & NAAC "A+" Grade, ISO 9001 : 2015 Certified Institution.

☎ 08647-239903

Visit us at : www.nrtec.in

e-mail : principal@nrtec.in

Dr. M. SREENIVASA KUMAR

M.Tech., Ph.D. (UK), MISTE, FIE (I)

PRINCIPAL

28-08-2023,
Narasaraopet.

To
Dr.T.Vijay Kumar
Professor & Head
Dept. of Mechanical Engineering
KL University
Vaddeswaram, Mangalagiri
Andhra Pradesh
INDIA.

Sub: Request to conduct Academic and Administrative Audit at our Premises-Reg.

Sir,

This is to inform you that NARASARAOPETA ENGINEERING COLLEGE (Autonomous) is under the process of accreditation by NBA, NAAC. To meet the requirements of accreditation, we would like to conduct Academic and Administrative audit for Mechanical Engineering Department for academic year 2022-23. We will be pleased to have your presence at our institute on 31-08-2023 to conduct audit and provide your remarks on the observations to improve standards of our institute.

Thanking You,

With Regards,

(Dr. M. Sreenivasa Kumar)

PRINCIPAL

NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

NARASARAOPET - 522 601

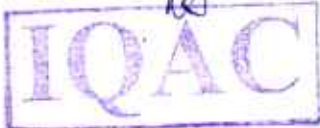
Guntur (Dist.) A.P.

PRINCIPAL
NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

NARASARAOPET - 522 601

Guntur (Dist.), A.P.





NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

EXTERNAL AUDIT ACADEMIC AND ADMINISTRATIVE AUDIT (AAA) 2022-2023 [01-07-2022 to 30-06-2023]	Internal Quality Assurance Cell (IQAC)
--	---

Summary Sheet

Department of Mechanical Engineering

1. Strengths

1. placements in core companies are improved.
2. Student MOOCs certifications has considerable improvement.

2. Weaknesses

1. Faculty need to focus on getting grants from funding agencies like AICTE, DST, etc.
2. Need to conduct training classes for GATE, GRE etc for students.

3. Concerns

1. Entrepreneurship activities can be improved with existing labs & other infrastructural facilities.
2. Need to focus on more number of journal publications.

Expert 1

Name : Dr. T. VIJAYA KUMAR

Signature : *Vijai Kumar*

Dr. T. VIJAYA KUMAR
HOD-Mechanical Engineering

Koneru Lakshmaiah Education Foundation
(Deemed to be University)
Green Fields, VADESWARAM-522 302.

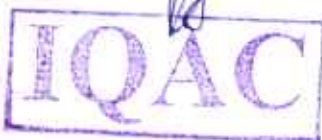
Expert 2

Name : Dr. K. Lakshminobha

Signature : *Lakshminobha*
PROFESSOR

Dept. of Computer Science & Engineering
NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

NARASARAOPETA - 522 601, Guntur (Dt.).



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





NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

Kotappakonda Road, Yellamanda (P.O), NARASARAOPET-522 601, Palnadu Dist., A.P.
(Sponsored by Gayatri Educational Development Society), Narasaraopet.



Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada. Code : 47, NIRF Ranking 251 - 300 Band

Accredited by NBA (CSE, ECE)  & NAAC "A+"  Grade, ISO 9001 : 2015 Certified Institution.

☎ 08647-239903

Visit us at : www.nrtec.in

e-mail : principal@nrtec.in

Dr. M. SREENIVASA KUMAR

M.Tech., Ph.D. (UK), MISTE, FIE (I)

PRINCIPAL

Date :28-08-2023

To

Dr. P. Pardha Saradhi,
Professor,
Department of Electronics and Communication Engineering,
KLEF,
Vaddeswaram,
Guntur (Dist.), A.P.

Dear Sir,

Sub: Request to Conduct Academic and administrative Audit at our Premises -Reg.


This is inform to you that NARASARAOPETA ENGINEERING COLLEGE (Autonomous) is under process of accreditation by NBA, NAAC. To meet the requirements of accreditation, we would like to conduct Academic and Administrative audit for ECE Department for the academic year 2022-2023. We will be pleased to have your presence at our institute on 2-9-2023 to conduct audit and provide your remarks on the observations to improve standards of our institute.

Thanking you,

With Regards,


(Dr. M. Sreenivasa Kumar)

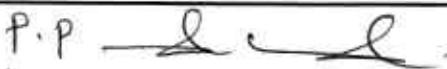
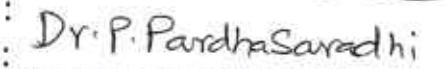

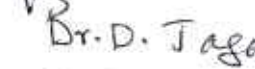



PRINCIPAL
NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
NARASARAOPET - 522 601
Guntur (Dist.), A.P.



NARASARAOPETA
ENGINEERING COLLEGE
 (AUTONOMOUS)

EXTERNAL AUDIT ACADEMIC AND ADMINISTRATIVE AUDIT (AAA) 2022-2023 [01-07-2022 to 30-06-2023]	Internal Quality Assurance Cell (IQAC)
--	---

Summary Sheet Department of <u>Electronics and Communication Engineering.</u>
1. Strengths 1) Outcome based education is being followed. 2) Adequate infrastructure and faculty members. 3) Good number of NPTEL certifications done by faculty & students.
2. Weaknesses 1) Poor sponsored Research and Consultancy. 2) Poor students participation in competitive examinations like GATE, IES etc. 3) Very less number of placements in Core industry.
3. Concerns 1) Research Grants need to be improved. 2) Startups to be encouraged. 3) Create awareness on OBE to newly joined faculty.

Expert 1  Name : Dr. P. Pardha Saradhi Signature :  Dr. P. PARDHA SARADHI Associate Dean (RRD Publications) KLEF, Vaddeswaram - 522 502 GUNTUR Dist. Andhra Pradesh	Expert 2  Name : Dr. D. Jagadish Signature :  Professor Dept. of Mechanical Engineering Narasaraopeta Engineering College (Autonomous) NARASARAOPET - 522 601.
---	--




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





NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

Kotappakonda Road, Yellamanda (P.O), NARASARAOPET-522 601, Palnadu Dist., A.P.
(Sponsored by Gayatri Educational Development Society), Narasaraopet.



Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada. Code : 47, NIRF Ranking 251 - 300 Band

Accredited by NBA (CSE, ECE)  & NAAC "A+"  Grade, ISO 9001 : 2015 Certified Institution.

☎ 08647-239903

Visit us at : www.nrtec.in

e-mail : principal@nrtec.in

Dr. M. SREENIVASA KUMAR

M.Tech., Ph.D. (UK), MISTE, FIE (I)

PRINCIPAL

Date: 28/8/2023

To
Dr.K.Subramanyam,
Professor and Director of PG,
KL University,
Vadderswaram,
Guntur (D.T)
A.P

Sub: Request to Conduct Academic and administrative Audit at our Premises -Reg.

Dear Sir,

This is inform to you that NARASARAOPETA ENGINEERING COLLEGE (Autonomous) is under process of accreditation by NBA, NAAC. To meet the requirements of accreditation, we would like to conduct Academic and Administrative audit for CSE Department for academic year 2022-2023. We will be pleased to have your presence at our institute on 2-9-2023 to conduct audit and provide your remarks on the observations o improve standards of our institute.

Thanking you,

With regards,

(Dr.M.Sreenivasa Kumar)


PRINCIPAL

NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

NARASARAOPET - 522 601

Guntur (Dist.), A.P.



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

EXTERNAL AUDIT ACADEMIC AND ADMINISTRATIVE AUDIT (AAA) 2022-2023 [01-07-2022 to 30-06-2023]	Internal Quality Assurance Cell (IQAC)
--	---

Summary Sheet

Department of COMPUTER SCIENCE AND ENGINEERING

1. Strengths

- * Faculty publications in peer reviewed journals are good.
- * Students best projects are published in International conferences.
- * Many students are achieved P₂₀s for higher studies in abroad.

2. Weaknesses

- * Improve sponsored research projects
- * PG Admissions need to be improved.
- * Create an awareness on Entrepreneurship among students

3. Concerns

- * Invite subject experts from IITs and NITs to impart emerging technologies to the students.
- * Industry related excellence centres to be established.
- * Implement strategic plan for NEP 2020 inline with college strategic plan.

Expert 1

Name : Dr. K. Subrahmanyam

Signature :



Dr. K. SUBRAHMANYAM

DIRECTOR - PG Programs
 Koneru Lakshmaiah Education Foundation
 (Deemed to be University)
 VADDESWARAM-522 502.

Expert 2

Name : Dr. P. Suresh Babu

Signature :




Professor

Dept. of Mechanical Engineering
 Narasaraopeta Engineering College (Autonomous)

NARASARAOPET - 522 601.




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





NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

Kotappakonda Road, Yellamanda (P.O), NARASARAOPET-522 601, Palnadu Dist., A.P.
(Sponsored by Gayatri Educational Development Society), Narasaraopet.



Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada. Code : 47, NIRF Ranking 251 - 300 Band
Accredited by NBA (CSE, ECE)  & NAAC "A+"  Grade, ISO 9001 : 2015 Certified Institution.

☎ 08647-239903

Visit us at : www.nrtec.in

e-mail : principal@nrtec.in

Dr. M. SREENIVASA KUMAR

M.Tech., Ph.D. (UK), MISTE, FIE (I)

PRINCIPAL

Dt: 1/9/2023

Narasaraopet

To,
Dr.D. Naga Malleswari,
Assoc. Professor,
Dept. of Computer Science & Engineering,
KLEF Deemed to be University,
Guntur,
Andhra Pradesh,
INDIA.

Sub: Request to conduct Academic and Administrative Audit at our Premises-Reg.

Madam,

This is to inform you that NARASARAOPETA ENGINEERING COLLEGE (Autonomous) is under the process of Accreditation by NBA. To meet the requirements of accreditation, we would like to conduct Academic and Administrative Audit for IT & CSE(AI) Department for academic Year 2022-23. We Will be Pleased to have your Presence at our institute on 4-09-2023 to conduct audit and provide your remarks and the observations to improve standards of our institute.

Thanking you,

With Regards,

(Dr.M.Sreenivasa Kumar)
PRINCIPAL

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

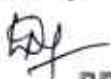
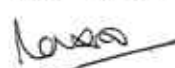
PRINCIPAL
NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
NARASARAOPET - 522 601
Guntur (Dist.), A.P.





NARASARAOPETA
ENGINEERING COLLEGE
 (AUTONOMOUS)

EXTERNAL AUDIT ACADEMIC AND ADMINISTRATIVE AUDIT (AAA) 2022-2023 [01-07-2022 to 30-06-2023]	Internal Quality Assurance Cell (IQAC)
--	---

Summary Sheet Department of <u>CSE (Artificial Intelligence)</u>
1. Strengths <ul style="list-style-type: none"> - Dedicated, motivated and committed faculty members. - Admissions and pass percentages are good. - Many training programs and contests are conducted for the benefit of the students.
2. Weaknesses <ul style="list-style-type: none"> - Faculty participation in FDPs/workshops, outside the college, is to be increased. - No. of Faculty with Ph.Ds is to be increased/recounted. - Student participation in co-curricular events, outside the state need to be increased.
3. Concerns <ul style="list-style-type: none"> - Focus on consultancy and research projects. - Focus on student participation in MOOC courses Ideathons and Hackathons.

Expert 1 Name : <u>Dr. D. Naga Mallikarjuni</u> Signature :  <p style="text-align: center; margin-top: 5px;"> PROFESSOR Computer Science and Engineering K L UNIVERSITY VADESWARAM-522 502, Guntur District </p>	Expert 2 Name : <u>Dr. J.V.A.S. Lakshmi</u> Signature :  <p style="text-align: center; margin-top: 5px;"> Dr. J.V.A.S. LAKSHMI Professor & Head Dept. of CSE (AI & ML, CS DS) NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS) NARASARAOPETA - 522 601, Palnadu Dist., A.P. </p>
--	--




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





NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

Kotappakonda Road, Yellamanda (P.O), NARASARAOPET-522 601, Palnadu Dist., A.P.
(Sponsored by Gayatri Educational Development Society), Narasaraopet.



Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada. Code : 47, NIRF Ranking 251 - 300 Band

Accredited by NBA (CSE, ECE)  & NAAC "A+"  Grade, ISO 9001 : 2015 Certified Institution.

☎ 08647-239903

Visit us at : www.nrtec.in

e-mail : principal@nrtec.in

Dr. M. SREENIVASA KUMAR

M.Tech., Ph.D. (UK), MISTE, FIE (I)

PRINCIPAL

Dt: 1/9/2023

Narasaraopet

To,
Dr.D. Naga Malleswari,
Assoc. Professor,
Dept. of Computer Science & Engineering,
KLEF Deemed to be University,
Guntur,
Andhra Pradesh,
INDIA.


Sub: Request to conduct Academic and Administrative Audit at our Premises-Reg.

Madam,

This is to inform you that NARASARAOPETA ENGINEERING COLLEGE (Autonomous) is under the process of Accreditation by NBA. To meet the requirements of accreditation, we would like to conduct Academic and Administrative Audit for IT & CSE(AI) Department for academic Year 2022-23. We Will be Pleased to have your Presence at our institute on 4-09-2023 to conduct audit and provide your remarks and the observations to improve standards of our institute.

Thanking you,

With Regards,


(Dr.M.Sreenivasa Kumar)
PRINCIPAL.

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

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




NARASARAOPETA
ENGINEERING COLLEGE

(AUTONOMOUS)

EXTERNAL AUDIT ACADEMIC AND ADMINISTRATIVE AUDIT (AAA) 2022-2023 [01-07-2022 to 30-06-2023]	Internal Quality Assurance Cell (IQAC)
--	---

Summary Sheet

Department of INFORMATION TECHNOLOGY

1. Strengths

- Dedicated, motivated and committed Faculty members
- Teaching & Learning environment is good.
- Many training programs and contests are conducted for the benefit of the students.


2. Weaknesses

- Faculty participation in FDPs/Workshops, outside the college, is to be increased.
- Number of Faculty research publications in reputed Journals/conferences need to be increased.


3. Concerns

- Focus on research projects
- Concentration on student certifications, Ideation, Hackathon etc.
- Encourage faculty to complete Ph.Ds and number of faculty with Ph.Ds to be increased.


Expert 1

Name : Dr. D. Naga Mallewarani
 Signature :  PROFESSOR
 Computer Science and Engineering
 K L UNIVERSITY
 VADDESWARAM-522 502, Guntur District

Expert 2

Name : Dr. V. V. A. S. Lakshmi
 Signature :  **Dr. V. V. A. S. LAKSHMI**
 Professor & Head
 Dept. of CSE (AI & ML, CS, DS)




PRINCIPAL
NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
NARASARAOPETA - 522 601, Palnadu District, A.P.



NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

Kotappakonda Road, Yellamanda (P.O), NARASARAOPET-522 601, Palnadu Dist., A.P.
(Sponsored by Gayatri Educational Development Society), Narasaraopet.



Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada. Code : 47, NIRF Ranking 251 - 300 Band

Accredited by NBA (CSE, ECE) & NAAC "A+" Grade, ISO 9001 : 2015 Certified Institution.

☎ 08647-239903

Visit us at : www.nrtec.in

e-mail : principal@nrtec.in

Dr. M. SREENIVASA KUMAR

M.Tech., Ph.D. (UK), MISTE, FIE (I)

PRINCIPAL

Narasaraopet,

Date: 25-8-2023

To

Dr. S. Santha kumari,

Professor & Head

Dept. of Commerce & Business Administration.,

K L University., Vaddeswaram.,

Guntur-522502.,

Cell: 9397339760.,

Mail id: santa8023@gmail.com

Sub: Request to conduct Academic and Administration Audit at our Premises-Reg.

Madam,

This is to inform you that NARASARAOPETA ENGINEERING COLLEGE (Autonomous) is under the process of accreditation by NBA. To meet the requirements of accreditation, we would like to conduct Academic and administration audit for MBA Department for academic year 2022-23. We will be pleased to have your presence at our institute on 05-09-2023 to conduct audit and provide your remarks on the observations to improve standards of our institute.

Thanking You,

With Regards,

(Dr. M. Sreenivas Kumar)

Principal



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


NARASARAOPETA
ENGINEERING COLLEGE

(AUTONOMOUS)

<p style="text-align: center;">EXTERNAL AUDIT ACADEMIC AND ADMINISTRATIVE AUDIT (AAA) 2022-2023 [01-07-2022 to 30-06-2023]</p>	<p style="text-align: center;">Internal Quality Assurance Cell (IQAC)</p>
--	---

Summary Sheet

Department of M. B. A

1. Strengths

- Ensuring the Presence of proficient, motivated faculty members with strong qualifications.
- Top choice for management studies in the vicinity, offering dual specializations.
- Students are provided with the chance to enhance their practical skills. Industrial visits, workshops, seminars and more.
- Execution of a meticulously designed curriculum.

2. Weaknesses


- predominantly composed of students hailing from rural backgrounds.
- Enhancement sought in the domain of placements.
- Requirement for publications of high-quality research.
- Absence of MOUs with industries and research organisations.
- Inadequate research funding received from government Agencies.

3. Concerns

- Need for online certification courses.
- Requirement for internships.
- To organize entrepreneurship development programs.
- Plan to conduct skill enhancement programs.

Expert 1


Name : Dr. S. SANTHA KUMAR

Signature : 

HEAD OF THE DEPARTMENT
 DEPARTMENT OF COMMERCE
 K L Deemed to be University
 VADDESWARAM-522502
 Guntur Dist., A.P., INDIA.

Expert 2

Name : Dr. Y. LAKSHMAN KUMAR

Signature : 

Department of Chemistry
 NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)
NARASARAOPETA

PRINCIPAL

NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

NARASARAOPETA - 522 501.
Guntur (Dist.), A.P.





NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

Kotappakonda Road, Yellamanda (PO), NARASARAOPET-522 601, Palnadu Dist., A.P.
(Sponsored by Gayatri Educational Development Society), Narasaraopet.



Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada. Code : 47, NIRF Ranking 251 - 300 Band

Accredited by NBA (CSE, ECE)

& NAAC "A+" Grade. ISO 9001 : 2015 Certified Institution.

☎ 08647-239903

Visit us at : www.nrtec.in

e-mail : principal@nrtec.in

Dr. M. SREENIVASA KUMAR

M.Tech., Ph.D. (UK), MISTE, FIE (I)

PRINCIPAL

20-06-2023,
Narasaraopet.

To,
Dr. S. Sagar Imambi,
Professor,
Dept. of Computer Science and Engineering,
KL University,
Vaddeswaram,
Mangalagiri,
Andhra Pradesh,
INDIA.

Sub: Request to conduct Academic and Administrative Audit at our Premises-Reg.

Madam,

This is to inform you that NARASARAOPETA ENGINEERING COLLEGE (Autonomous) is under the process of accreditation by NBA, NAAC. To meet the requirements of accreditation, we would like to conduct Academic and Administrative audit for MCA Department for academic year 2022-23. We will be pleased to have your presence at our institute on 26-06-2023 to conduct audit and provide your remarks on the observations to improve standards of our institute.

Thanking You,

With Regards,

(Dr. M. Sreenivasa Kumar)

PRINCIPAL

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

PRINCIPAL

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





NARASARAOPETA
ENGINEERING COLLEGE
(Autonomous)

EXTERNAL AUDIT ACADEMIC AND ADMINISTRATIVE AUDIT (AAA) 2022-2023 [01-07-2022 to 30-06-2023]	Internal Quality Assurance Cell (IQAC)
---	---

Summary Sheet

Department of MASTER OF COMPUTER APPLICATIONS (MCA)

1. Strengths
The faculty of the department has adopted varied teaching methodologies innovatively to improve student learning skills.

2. The department has committed and vibrant faculty
3. The department is committed to provide varied exposure to students and encourages them to not only participate in seminars in other colleges but also exposes them in sports.

2. Weaknesses

1. Lack of MOUs with industries and research facilities
2. More training programs reviewed to conduct

3. Concerns

1. Qualified teaching faculty
2. Need to improve placements.

Expert 1
Name : Dr. S. Sagar Smaur

Signature : *Sagar*

PROFESSOR

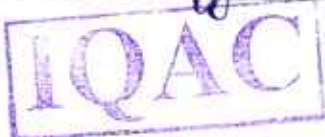
Computer Science and Engineering
K L UNIVERSITY

VADDESWARAM-522 502, Guntur District

Expert 2

Name : M. Chandra Sekhar

Signature : *Chau*



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

Date: 17.08.2023

OFFICE ORDER

The faculty members are constituted to perform Internal Academic Audit for the Academic Year 2022-23 as given below. Coordinators must fill the Audit form and duly signed report must be submitted to Coordinator-IQAC on or before 25th August 2023.

S.No.	Name of the Auditor	Dept.	Dept. to be Audited
1	Dr.K.Raju, Co-ordinator	ECE	CIVIL
2	Dr.A.V.Nageswara Rao	ECE	
3	Dr.R.Mohana Ramana	BSH	
4	Dr.T.Anusha	BSH	
5	Dr.K.lakshmi nadh, Co-ordinator	CSE	ME
6	Dr.SK.MD.Shareef	EEE	
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.Anjaneyulu	BSH	
12	Dr.M.Venkanna Babu	ME	
13	Dr.D.Jagadish, Co-ordinator	ME	ECE
14	Dr.SK.Mohiddin Shaw	BSH	
15	Dr.V.Poli Reddy	BSH	
16	Dr.K.Nageswara Rao	MCA	
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.B.Jhansi vazaram, Co-ordinator	IT	BSH
26	Mr.P.S.S.Chakravarthi	ECE	
27	Dr.SK.Ebraheem Khaleelulla	ECE	
28	Mr.Ch.Sekhar	ME	
29	Dr.Y.Lakshman Kumar, Co-ordinator	BSH	MBA
30	Mr.G.Nagaraju	EEE	
31	Mr.M.Chandra Sekhar	EEE	MCA
32	Mr.M.Hari Harnadha Sastry	ECE	

To
Concerned Members through HOD
Copy to Chairman/Secretary for Information.



PRINCIPAL

PRINCIPAL
NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
NARASARAOPETA - 522 601.
Guntur District, 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

New!

DEPARTMENT OF BS & H ENGINEERING Academic Audit Report

(To be filled up by Academic Experts)

Academic Year: 2022-23

1. Name of the Auditor : 1) Dr. B. Jhansi Vazram 3) Dr. S.K. Ebraheem
Designation : Professor & Head, ASST. Professor, Khaleelulla
Address : DEPT. of IT & AI, DEPT. of ECE, NEC
Contact Number : 9908888519 94913 94143
Email id : jhansi.solla@nrtec.in ebraheemphd@gmail.com
2. Name of the Auditor : 2) Mr. P.S.S. Chakravarthy 4) Ch. Sekhar
Designation : Professor, ASSOC. PROFESSOR
Address : DEPT. of ECE, NEC DEPT. of ME, NEC
Contact Number : 9885854901 9908815648
Email id : chakdi.pss@gmail.com sekhar.chinthamreddy@gmail.com
3. The days and dates of Visit : 24/8/2023 .

1. (Dr. BJV)

2. (P.S.S. Chakravarthy)

3. (Dr. S.K. Ebraheem Khaleelulla)

4. (CH. SEK HAR)



Summary

S.No.	Parameters of Evaluation	Page No.	Max Marks	Marks Scored
1	Curricular Aspects	4	100 30	28
2	Teaching & Learning Processes	5	200 70	63
3	Course Outcomes and Program Outcomes	6	100	100
4	Students support & Progression	7	150 64	62
5	Faculty Information and Contributions	8	150 90	80
6	Infrastructure & learning Resources	9	150	128
7	Student's Feedback and Corrective Action	10	50 40	37
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	11	100 60	36
Total			604 1000	534

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 number of qualified faculty.
- Laboratory facilities are good.
- Good number of NPTEL certifications done by faculty.
- Good participation in UHVC (Universal Human Values)


2. Weaknesses

- The number of Guest lectures / seminars / workshops organized are to be increased.
- The number of research publications by faculty need to be increased

3. Suggestions on information

- ICT enabled tools are to be used effectively
- Department Library has to be established.
- Students participation in sports is to be increased.

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	NA
	Management and Humanities	4	NA
	Programme core	20	NA
	Elective subjects	4	NA
	Interdisciplinary elective subjects	2	NA
	Communication and computer skills	5	NA
	Proficiency in analysis, synthesis, modeling & simulation and Problem-solving skills	5	NA
	Innovative and creative abilities	5	NA
	Human skills and relations, professional ethics, environment	5	NA
	Entrepreneurial skills	5	NA
	Hands on training and other industrial needs	5	NA
	Self-learning practices-MOOCs	5	NA
2	DAC, PAC and BOS meeting minutes	10	8
3	Revision/Upgradation of the curriculum to incorporate appropriate new knowledge systems (based on BoS meeting)	15	15
Total		100 30	28
Additional comments/feedback/observations/advice which may or may not be based on above points: suggested to arrange BOS meetings as per regulations, department wise.			

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	6
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	12
5	Mentoring	10	10
6	CRC meetings	10	NA
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	NA
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	NA
Total		200	63
Additional comments/feedback/observations/advice which may or may not be based on above points: - ICT enabled tools should be used effectively. - Suggested to conduct ^{more, number of} seminars/workshops/guest lectures for I.B.Tech. Students in Maths, English, Physics and chemistry.			


ACADEMIC Audit Format/NEC/NRT



Page 5
PRINCIPAL

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
NARASARAOPET - 522 601
G... ID/5

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	30
Total		100	100
Any additional comments/feedback/observations/advice which may or may not be based on above points: — NIL —			

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	NA
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	22
	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	NA
	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	NA
5	Alumni Activities	06	NA
	Total	64 150	62
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
I B.Tech result analysis file to be arranged properly.			



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	NA
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	NA
10	List of Sponsored/Funded projects (SERB, DST, AICTE, UGC, etc.)	10	NA
12	Consultancy details <ul style="list-style-type: none"> • Amount spent on developing facility, training teacher / staff for undertaking Consultancy • Consultancy amount generated 	10	NA
13	Seed money provided to faculty	10	NA
14	Financial support to faculty to attend FDP, Workshop/seminars/conferences etc.	10	NA
15	Faculty Appraisal	10	10
16	Visiting/Adjunct/Emeritus Faculty etc. file	10	0
Total		150	90
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<p>suggested to arrange classes to the students by inviting faculty from outside the college.</p>			<p>ngk</p> <p>f</p> <p>ch.k</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	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	5
8	Research facilities	10	5
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	10
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 0
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	128
Any additional comments/feedback/observations/advice which may or may not be based on above points; <i>Suggested to establiion Dept. Library.</i>			<i>[Handwritten signatures]</i>



7. Student's Feedback and Corrective Action

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	Students Satisfactory survey (SSS)	10	NA
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	Faculty, Student, Employer's, Alumni Feedback on curriculum, Hostel Feedback	15	12
	Total	50	40
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
— NIL —			

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	NA
3	List of Entrepreneurship/IIC programs	20	NA
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	7
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	9
Total		100-60	36
Any additional comments/feedback/observations/advice which may or may not be based on above points: suggested to prepare update NSS and NCC Files.			  



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 ^{Civil Engrs.} Academic Audit

A.Y: 2022-23

- 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)

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 Civil ENGINEERING Academic Audit Report

(To be filled up by Academic Experts)

Academic Year: 2022-23

1. Name of the Auditor : Dr K. Raju
Designation : Professor
Address : Dept. ECE, NEC
Contact Number : 9493451237
Email id : rajk.kolluri@gmail.com
2. Name of the Auditor : Dr R. Mohana Ramana
Designation : Associate Professor
Address : Dept of BScH
Contact Number : 9492075546
Email id : mohanaaramana@gmail.com
3. The days and dates of Visit : 01 & 25/08/2023.

Dr
(Dr K Raju)

Dr

Summary

S.No.	Parameters of Evaluation	Page No.	Max Marks	Marks Scored
1	Curricular Aspects	4	100	100
2	Teaching & Learning Processes	5	200	177
3	Course Outcomes and Program Outcomes	6	100	80
4	Students support & Progression	7	150	138
5	Faculty Information and Contributions	8	150	85
6	Infrastructure & learning Resources	9	150	120
7	Student's Feedback and Corrective Action	10	50	62
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	11	100	73
Total			1000	815

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 no. of laboratories and class rooms.
- No. of student internships outside is good.
- Good number of placements for 2021-22.

2. Weaknesses :



- No. of student admissions are less
- No. of events for the students can be improved.

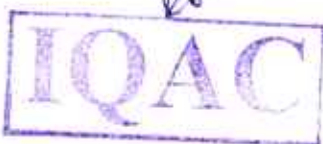
3. Suggestions on information

- Entrepreneurship can be improved
- Participation of students outside for extra and Co-curricular activities can be improved.



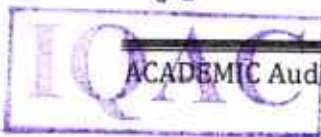
1. Curricular Aspects

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 <i>appropriate new knowledge systems</i> (based on BoS meeting)	15	15
Total		100	100
Additional comments/feedback/observations/advice which may or may not be based on above points:			 



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	12
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 <i>Signdra pany</i> 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	50
Total		200	177
Additional comments/feedback/observations/advice which may or may not be based on above points: <i>Add to MOU in relevant activities Can be improved.</i>			<i>R</i> <i>or</i>



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	-
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	30
Total		100	80
Any additional comments/feedback/observations/advice which may or may not be based on above points:			R



Criterion 4: Students support & Progression

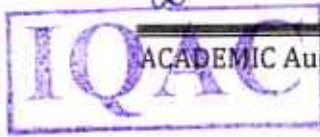
Sr. No	Description	Marks Assigned	Marks Secured
1	Student Admission List A) I Year B) Lateral Entry	05	05
2	Student Promotion Lists, Student Condonation Lists, Student Detention List	15	15
	No. of students benefited by scholarship	10	10
3	Student Monthly Attendance Reports	10	10
4	Student Internal Marks Reports (Consolidated)	10	10
	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	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	35
5	Alumni Activities	06	04
Total		150	138
Any additional comments/feedback/observations/advice which may or may not be based on above points:			

Consolidate list pending

Filing is needed.

Consolidation list pending


R. Mohana Raman
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	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	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	-
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	-
14	Financial support to faculty to attend FDP, Workshop/seminars/conferences etc.	10	-
15	Faculty Appraisal	10	-
16	Visiting/Adjunct/Emeritus Faculty etc. file	10	10
Total		150	85
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<p>Research and outside participation of the faculty can be improved..</p>			<p>By (consent)</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	-
3	No of laboratories	10	10
4	No of tutorial rooms	1	-
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	10
9	Electric power available for 24x7	8	08
10	Audio visual facilities	5	05
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	10
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	8
16	Student Computer Ratio	5	3
17	E content development facility	10	-
18	Improvement and maintenance made in infrastructural facilities during last year	10	-
Total		150	120
Any additional comments/feedback/observations/advice which may or may not be based on above points:			 (Dr. K. Raju)

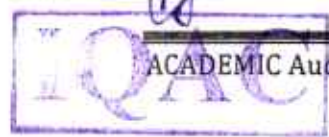
7. Student's Feedback and Corrective Action

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	Students Satisfactory survey (SSS)	10	6 (Available up to 2021-22 No signature)
2	Feedback during the semester		
	Frequency of obtaining student's feedback		20
	Corrective action taken at the departmental level	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	2
4	Faculty, Student, Employer/s, Alumni Feedback on curriculum	15	14
Total		50	42
Any additional comments/feedback/observations/advice which may or may not be based on above points:			

AD (Dr. Anur)

[Signature]

[Signature]



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	✓ 9
2	Pre-placement Training Details Capacity development & skill enhancement activities --soft skills, Language skills, Yoga	20	✓ 15 (Completed)
3	List of Entrepreneurship/IIC programs	20	✓ 15 (Completed)
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	✓ 8 (11)
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 9 Available up to 2021-22
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	✓ 8 (11)
Total		100	73
Any additional comments/feedback/observations/advice which may or may not be based on above points:			




PRINCIPAL



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 ECE ENGINEERING Academic Audit Report

(To be filled up by Academic Experts)

Academic Year:

1. Name of the Auditor : DR SUNS SRINIVASU
- Designation : Professor
- Address : NEC
- Contact Number : 9849866902
- Email id : drsunsrinivasu@gmail.com
2. Name of the Auditor : DR. S. SIVA NAGESH KARRA
- Designation : Prof, CSE.
- Address : NEC
- Contact Number : 8977987777
- Email id : profsiva@gmail.com
3. The days and dates of Visit :
- (3) Dr. T. Anjaneyulu
Prof. Dept of BSAH
9160606045, dranjaneyulut@gmail.com
- (4) Dr. M. Venkanna Babu
Asst. Prof, Dept. of M.E.
9985808908, venkanna_babu_mishra@gmail.com



S.No.	Parameters of Evaluation	Page No.	Max Marks	Marks Scored
1	Curricular Aspects	4	100	95
2	Teaching & Learning Processes	5	200	189
3	Course Outcomes and Program Outcomes	6	100	88
4	Students support & Progression	7	150	134
5	Faculty Information and Contributions	8	150	123
6	Infrastructure & learning Resources	9	150	140
7	Student's Feedback and Corrective Action	10	50	44
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	11	100	80
Total			1000	893

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

Student results are good.
Teaching learning mechanism is good.

2. Weaknesses

Faculty contribution in Research publications.

3. Suggestions on information

Improve the Research publication and.
Conduct more no. of projects (Innovative)

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	5
3	Revision/Upgradation of the curriculum to incorporate appropriate new knowledge systems (based on BoS meeting)	15	15
Total		100	95
Additional comments/feedback/observations/advice which may or may not be based on above points:			
DAC, PAC meeting are Improve.			

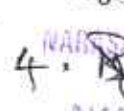
TOAC

Principal

1. 

2. 

3. 

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	18
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	14
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	48
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	65
Total		200	189
Additional comments/feedback/observations/advice which may or may not be based on above points:			
<p>Students interacted with Industry with purpose</p>			




Mkg

1. 2. 3. any

3: Course Outcomes and Program Outcomes

Sr. No	Description	Marks Assigned	Marks Secured
1	Quality of Internal Semester Question Papers	10	9
2	Mapping of questions with COs and Blooms taxonomy	20	18
3	Course Articulation Matrix	20	18
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	18
5	Batch wise CO attainment and CO- PO attainment for all courses. (Excel Sheet)	30	25
Total		100	88
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<p><i>co and PO Good. attainment done and achieved good.</i></p>			

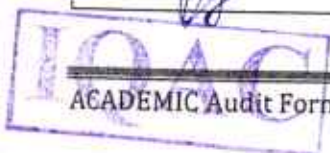

 PRINCIPAL
 NARASARAOPETA ENGINEERING COLLEGE
 (AUTONOMOUS)
 NARASARAOPET - 522 601
 Guntur (Dist.), A.P.



1-  2-  3-  4- 

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 No. of students benefited by scholarship	15	15
3	Student Monthly Attendance Reports	10	8
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	22
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	35
5	Alumni Activities	06	4
Total		150	134
Any additional comments/feedback/observations/advice which may or may not be based on above points: <i>Improve Alumni Activities</i>			



ACADEMIC Audit Format/NEC/NRT

Page 7
PRINCIPAL
NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
NARASARAOPETA - 522 601
Guntur (Dist.), A.P.

1. → 2. ⊙ 3. ay 4. ✗

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	14
7	FDPs/Training Programs/STTPs/Workshops/Webinars/Conferences etc. Organized	15	13
8	FDPs/Training Programs/STTPs/Workshops/Webinars etc. Attended	20	18
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	10
13	Seed money provided to faculty	10	10
14	Financial support to faculty to attend FDP, Workshop/seminars/conferences etc.	10	5
15	Faculty Appraisal	10	10
16	Visiting/Adjunct/Emeritus Faculty etc. file	10	8
Total		150	123
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<p align="center"><i>Faculty focus made on Research publications and Grants.</i></p>			



1. 2. 3. 4.

Criterion 6: Infrastructure & learning Resources

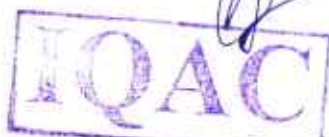
Sr.No.	Sub-parameter	Marks Assigned	Marks Secured
1	No of class rooms	4	4
2	No.of Class rooms & seminar halls with ICT facilities	5	5
3	No of laboratories	10	10
4	No of tutorial rooms	1	1
5	Faculty rooms/cabins	5	5
6	Equipment available (curricula and cost wise)	20	18
7	Computing facilities (including software)	10	10
8	Research facilities	10	5
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	8
15	Internet, wi-fi facility and Band width	8	8
16	Student Computer Ratio	5	5
17	E content development facility	10	9
18	Improvement and maintenance made in infrastructural facilities during last year	10	10
Total		150	140
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<p><i>Infrastructure good. maintenance.</i></p>			



1. 2. 3. 4.

7. Student's Feedback and Corrective Action

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	Students Satisfactory survey (SSS)	10	8
2	Feedback during the semester		
	Frequency of obtaining student's feedback	20	18
	Corrective action taken at the departmental level		
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	44
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<p align="center"><i>SSS Filing and feedback collection mechanism is good.</i></p>			



1. 2. 3. 4.

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	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	25
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	80
Any additional comments/feedback/observations/advice which may or may not be based on above points: Student out of do participation skill Improve			

IOAC

ACADEMIC Audit Format/NEC/NRT

Page 11

PRINCIPAL

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
NARASARAOPET - 522 609
Guntur (Dist.), A.P.

1. 2. 3. 4.



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

Mechanical

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.



Summary

S.No.	Parameters of Evaluation	Page No.	Max Marks	Marks Scored
1	Curricular Aspects	4	100	97
2	Teaching & Learning Processes	5	200	198
3	Course Outcomes and Program Outcomes	6	100	92
4	Students support & Progression	7	150	142
5	Faculty Information and Contributions	8	150	120
6	Infrastructure & learning Resources	9	150	147
7	Student's Feedback and Corrective Action	10	50	50
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	11	100	90
Total			1000	936

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

- Faculty coordination is good.
- Teaching learning process is implemented properly.

2. Weaknesses

- Student training programs need to be improved.
- Lack of student activities.

3. Suggestions on information

- Need to focus on good number of publications in reputed journals.



ACADEMIC Audit Format/NEC/NRT

Page 3

Handwritten signatures: Khush, S, P, chg

DR. P. V. S. RAO
 NARASARAO PETA ENGINEERING COLLEGE
 (AUTONOMOUS)
 NARASARAO PETA - 522 501
 Guntur (Dist.), A.P.

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	18
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	70
Total		200	198
Additional comments/feedback/observations/advice which may or may not be based on above points: → scheme of valuation for mid paper to be maintained. → Remedial classes impact analysis is need to maintain properly.			

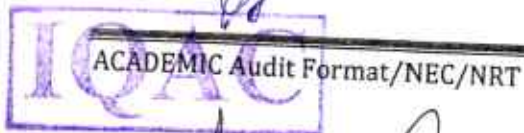


ACADEMIC Audit Format/NEC/NRT

Handwritten signatures: J, to, chg

PRINCIPAL
 NARASARAOPETA ENGINEERING COLLEGE
 (AUTONOMOUS)
 NARASARAOPETA - 522 501
 Guntur (Dist) A.P.

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	7
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	25
	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	40
5	Alumni Activities	06	6
Total		150	142
Any additional comments/feedback/observations/advice which may or may not be based on above points: → Need to improve placements with good packages. → Advised to conduct competitive exam related classes in the department.			



Handwritten signatures and initials

Handwritten signature

Handwritten signature

Handwritten signature

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	12
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	8
Total		150	147
Any additional comments/feedback/observations/advice which may or may not be based on above points: → E content development of the faculty to be maintained.			



ACADEMIC Audit Format/NEC/NRT

[Handwritten signatures]

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	25
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 arts 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	90
Any additional comments/feedback/observations/advice which may or may not be based on above points: → Student participation in the cultural events to be improved.			

IOAC

ACADEMIC Audit Format/NEC/NRT

Page 11

Kunch

[Signature]

[Signature]

chaf

PRINCIPAL
NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
NARASARAOPET - 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)

FCE

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

Page 1

PRINCIPAL

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
NARASARAOPET - 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

DEPARTMENT OF ECE ENGINEERING Academic Audit Report

(To be filled up by Academic Experts)

Academic Year:

1. Name of the Auditor : Dr. K. Nageswara Rao | Dr. D. Jagadish
Designation : Professor & HOD | Prof.
Address : MCA Dept | Dept. of Mech
Contact Number : 9866186158 | 9885419504
Email id : nageswararao@yahu.com |
2. Name of the Auditor : Dr. S. Mohiddin Shaw | Dr. Poli Reddy V
Designation : Prof. | Prof. V. P. Reddy
Address : BSH Dept | BSH Dept
Contact Number : 9247203211 | 9390321097
Email id : mohiddinshaw@gmail.com | polireddy2001@gmail.com
3. The days and dates of Visit : 24/08/2023

Summary

S.No.	Parameters of Evaluation	Page No.	Max Marks	Marks Scored
1	Curricular Aspects	4	100	100
2	Teaching & Learning Processes	5	200	190
3	Course Outcomes and Program Outcomes	6	100	100
4	Students support & Progression	7	150	150
5	Faculty Information and Contributions	8	150	130
6	Infrastructure & learning Resources	9	150	150
7	Student's Feedback and Corrective Action	10	50	47
8	Career Guidance, Training, Entrepreneurship and Extra-Curricular Activities	11	100	100
Total			1000	967

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

- Files are well prepared, and Faculty Contribution is good
- Good number of programs conducted in the Dept.

2. Weaknesses

- Needs to improve research projects & Consultancy

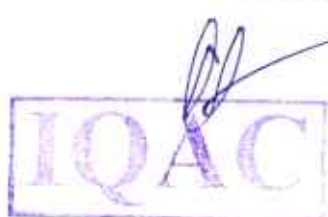
3. Suggestions on information

- To improve good quality publications

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:			
- NIL -			

[Handwritten signature]



2 Teaching & Learning Processes

Sr. No	Description	Marks Assigned	Marks Secured
1	Academic Calendar	05	05
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	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	55
		Total	200
Additional comments/feedback/observations/advice which may or may not be based on above points:			190
7A. Guide document missing			
8A. AP 2-23 data NOT available			
8C. document evidence of internship			
8G. Student impact reviewed.			
8G. Communication problem reviewed.			



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	30
Total		100	100
Any additional comments/feedback/observations/advice which may or may not be based on above points:			

24/8/23
(Dr SK mohiddin Shaw)

Criterion 4: Students support & Progression

Sr. No	Description	Marks Assigned	Marks Secured
1	Student Admission List A) I Year ✓ <i>numbers not li</i> B) Lateral Entry ✓	05	05
2	Student Promotion Lists, Student Condonation Lists, Student Detention List No. of students benefited by scholarship ✓	15	15
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			
Any additional comments/feedback/observations/advice which may or may not be based on above points:			



24/8/23
(Dr. Sk. mohiddin Shaw)

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) 2/23, 48	10 ✓	10
4	Books Published	05 ✓	5
5	Patents	05 ✓	5
6	Module/ Course Development	15	15
7	FDPs/Training Programs/STTPs/Workshops/Webinars/Conferences etc. Organized (Faculty)	15 ✓	15
8	FDPs/Training Programs/STTPs/Workshops/Webinars etc. Attended ✓	20 /	20
9	Faculty Ph.D guidance (Supervisor/Co- Supervisor) with Scholar details ✓ 2	05 /	05
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 ✓	✓
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 /	10
Total		150	130
Any additional comments/feedback/observations/advice which may or may not be based on above points: → Consultancy & R&D activities to be pursued. → no Visiting & Adjunct faculty activities			

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:			
<p align="center">→ New experimental facilities on Advanced technologies can be added added.</p>			

90.
90.



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	✓ 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	12
	Total	50	47
Any additional comments/feedback/observations/advice which may or may not be based on above points:			

Handwritten signature and date: 24/8/23



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 organized by the institution 2. Number of awards/medals for outstanding performance in sports activities at inter-university / state /national / international	10 ✓	10
5	NSS and NCC details of activities 1. Extension activities carried out in the neighborhood sensitizing 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-recognized bodies 3. Number of extension and outreach programs 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 organized 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	100
Any additional comments/feedback/observations/advice which may or may not be based on above points:			

24/11/23





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)

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: 2022-23

1. Name of the Auditor

: Dr. P. Suresh Babu

Designation

: Associate Professor

Address

: NEC, NRT

Contact Number

: 8500857969

Email id

: sureshbabudevi.p@gmail.com

2. Name of the Auditor

: Dr. B. Suneetha

Designation

: Asst. Professor

Address

: NEC, NRT

Contact Number

: 9247513429

Email id

: suneetha.bobbillaPat@gmail.com

3. Dr. G. Giridhar Babu.
Associate Professor

NEC, NRT

9866777311

girid28168@gmail.com

4. Dr. G. Dharmaraj
Associate Professor

NEC, NRT

9100265109

dadg42@gmail.com

3. The days and dates of Visit :

day of visits: Friday, Monday

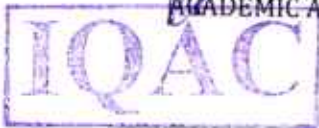
date of visits: 25.08.23, 28.08.23.

① (Dr. P. Suresh Babu)

② (Dr. N. Giridhar)

③ (Dr. B. Suneetha)

④ (Dr. G. Dharmaraj)



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 <i>appropriate new knowledge systems</i> (based on BoS meeting)	15	15
Total		100	100
Additional comments/feedback/observations/advice which may or may not be based on above points: →			



ACADEMIC Audit Format/NEC/NRT

PRINCIPAL

NARASARAOPET ENGINEERING COLLEGE
(AUTONOMOUS)

Page 4

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

cu

N. Coob

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	17
5	Batch wise CO attainment and CO- PO attainment for all courses. (Excel Sheet)	30	15
Total		100	72
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<p>- Course Articulation matrix is not ready.</p> <p>- Employer surveying not done</p> <p>- Co-po for 2nd sem not done</p>			

IQAC

ACADEMIC Audit Format/NEC/NRT

cu

IQAC

B. Reddy

[Signature]

M89

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	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	05
10	List of Sponsored/Funded projects (SERB, DST, AICTE, UGC, etc.)	10	10
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	00
Total		150	140
Any additional comments/feedback/observations/advice which may or may not be based on above points: - visiting/adjunct/emergitus faculty file is not being done			



ACADEMIC Audit Format/NEC/NRT

Handwritten signatures and initials: An, N. C. S., B. S. W., A.

Handwritten signature
PRINCIPAL

NARASARAOPET ENGINEERING COLLEGE
(AUTONOMOUS)
NARASARAOPET - 522 501
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		10
	Corrective action taken at the departmental level	20	10
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	15
	Total	50	47
Any additional comments/feedback/observations/advice which may or may not be based on above points: - file is not maintained for suggestions and corrective actions			

IQAC

ACADEMIC Audit Format/NEC/NRT

aw

NCCB

B.M

A

M.K

PRINCIPAL

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

Page 10

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

CSE(AI) & IT

- 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)

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 IT & AI ENGINEERING Academic Audit Report

(To be filled up by Academic Experts)

Academic Year:

1. Name of the Auditor

: Dr. VVAS Lakshmi

Designation

: Prof. & HOD - CSE (AI/ML)

Address

: NEC

Contact Number

: 9849122798

Email id

: vvaslakshmi@natec.in

2. Name of the Auditor

: Dr. K. Srinivasa Rao

Designation

: Asst. Prof., ECE

Address

: NEC

Contact Number

: 8107881721

Email id

: ksruinivasarao59@gmail.com

3. The days and dates of Visit :

26 - 08 - 2023

3. Name of Auditor

Dr. SK. Bajid Vali
Associate professor, NEC

NEC

8639294551

bajid.vali@gmail.com

4. Name of Auditor

Dr. M. Suresha

Asst. Professor

dept of ESE, NEC

9492468445

motunisuresha@natec.in

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	6
3	Revision/Upgradation of the curriculum to incorporate appropriate new knowledge systems (based on BoS meeting)	15	15
Total		100	96
Additional comments/feedback/observations/advice which may or may not be based on above points:			
<p style="text-align: center;">Constitution DAC & PAC is required.</p> <p style="text-align: center;">BOS and Meeting Screenshots to be added.</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	9
3	Course File	20	19
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	9
6	CRC meetings, Meeting Circulars	10	9
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 - Nil- B. Industry involvement in the program design and Curriculum (BoS / any other Industry person) - C. Field work & Internship reports ✓ circular missing 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	55
Summary sheet on/ing, ^{circular} to mark Total		200	171
<p>Additional comments/feedback/observations/advice which may or may not be based on above points:</p> <p>JNTU K. University Question papers to be added</p> <p>3. Matter Time Table required.</p> <p>5. Reports intimation / any other issues related intimation to parents sheet</p> <p>7. Circulars / PRC meetings identification of Best projects.</p>			



3: Course Outcomes and Program Outcomes

Sr. No	Description	Marks Assigned	Marks Secured
1	Quality of Internal Semester Question Papers	10	9
2	Mapping of questions with COs and Blooms taxonomy	20	20
3	Course Articulation Matrix	20	18
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	30
Total		100	97
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<p>Exam Scrutinizing Committee formation formation Circular is missing.</p>			

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	← NA →
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) X B) Success Rate in the stipulated period(With Backlog) X C) Academic Performance in I-Year X D) Academic Performance in II Year X	24	0
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 X 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	35
5	Alumni Activities	06	← NA →
	Total	150	100
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
① Result analysis should be added in file.			

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	0
4	Books Published	05	0
5	Patents	05	0
6	Module/ Course Development	15	0
7	FDPs/Training Programs/STTPs/Workshops/Webinars/Conferences etc. Organized	15	0
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	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	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	40
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<p style="font-size: 1.2em;">Sr NO 3, 4, Faculty Research Publications should be improved</p> <p style="font-size: 1.2em;">Books Published Patent Conferences organized Funded project Faculty Appraisal</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	0
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	05
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	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	08
16	Student Computer Ratio	5	0
17	E content development facility	10	0
18	Improvement and maintenance made in infrastructural facilities during last year	10	05
Total		150	126
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<p>① Student Computer Ratio Proof should be added in file</p>			

7. Student's Feedback and Corrective Action

Sr. No.	Sub parameter	Marks Assigned	Marks Secured
1	Students Satisfactory survey (SSS) <i>with feedback on dept is available. Facilities feedback is not available.</i>	10	0
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	2
	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	5
Total		50	27
Any additional comments/feedback/observations/advice which may or may not be based on above points:			
<p>→ only Alumni feedback on curriculum is available</p> <p>→ suggestion box is available but the corrective action taken information is not available.</p>			

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	-
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	0
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	0
Total		100	
Any additional comments/feedback/observations/advice which may or may not be based on above points: → Career guidance file pending → Cultural events pending → NSS & NCC pending			



NARASARAOPETA
ENGINEERING COLLEGE
(AUTONOMOUS)

External Academic Audit Report

NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)

NEC/IQAC/CIR/22-23

DATE: 26-08-2023

CIRCULAR

All the Heads of the Departments are to ensure that their concerned Department is ready to undergo external Academic and Administrative Audit for 2022-23 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	Date of Audit
1	Dr.B.Jhansi Vajram	IT	BSH	28-08-2023
2	Dr.K.Raju	ECE	CIVIL	29-08-2023
3	Dr.S.V.N.Sreenivasu	CSE	EEE	30-08-2023
4	Dr.K.Laksminadh	CSE	MECH	31-08-2023
5	Dr.D.Jagadish	ME	ECE	01-09-2023
6	Dr.P.Suresh Babu	ME	CSE	02-09-2023
7	Dr.V.V.A.S.Lakshmi	CSM	IT	04-09-2023
8	Dr.Y.Lakshman Kumar	BS&H	MBA	05-09-2023
9	Mr.M.Chandra Sekhar	EEE	MCA	06-09-2023


PRINCIPAL

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

Encl:
Audit format.




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

Date: 17.08.2023


OFFICE ORDER

The faculty members are constituted to perform Internal Academic Audit for the Academic Year 2022-23 as given below. Coordinators must fill the Audit form and duly signed report must be submitted to Coordinator-IQAC on or before 25th August 2023.

S.No.	Name of the Auditor	Dept.	Dept. to be Audited
1	Dr.K.Raju, Co-ordinator	ECE	CIVIL
2	Dr.A.V.Nageswara Rao	ECE	
3	Dr.R.Mohana Ramana	BSH	
4	Dr.T.Anusha	BSH	
5	Dr.K.lakshmi nadh, Co-ordinator	CSE	ME
6	Dr.SK.MD.Shareef	EEE	
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.Anjaneyulu	BSH	
12	Dr.M.Venkanna Babu	ME	
13	Dr.D.Jagadish, Co-ordinator	ME	ECE
14	Dr.SK.Mohiddin Shaw	BSH	
15	Dr.V.Poli Reddy	BSH	
16	Dr.K.Nageswara Rao	MCA	
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.B.Jhansi vazaram, Co-ordinator	IT	BSH
26	Mr.P.S.S.Chakravarthi	ECE	
27	Dr.SK.Ebraheem Khaleelulla	ECE	
28	Mr.Ch.Sekhar	ME	
29	Dr.Y.Lakshman Kumar, Co-ordinator	BSH	MBA
30	Mr.G.Nagaraju	EEE	
31	Mr.M.Chandra Sekhar	EEE	MCA
32	Mr.M.Hari Harnadha Sastry	ECE	

To
 Concerned Members through HOD
 Copy to Chairman/Secretary for Information.




 PRINCIPAL
 NARASARAOPETA ENGINEERING COLLEGE
 (AUTONOMOUS)
 NARASARAOPETA - 517 501
 Guntur (Dist) A.P.



NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

Kotappakonda Road, Yellamanda (P.O), NARASARAOPET-522 601, Palnadu Dist., A.P.
(Sponsored by Gayatri Educational Development Society), Narasaraopet.



Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada. Code : 47, NIRF Ranking 251 - 300 Band
Accredited by NBA (CSE, ECE) & NAAC "A+" Grade, ISO 9001 : 2015 Certified Institution.

☎ 08647-239903

Visit us at : www.nrtec.in

e-mail : principal@nrtec.in

Dr. M. SREENIVASA KUMAR

M.Tech., Ph.D. (UK), MISTE, FIE (I)

PRINCIPAL

Date: 28-08-2023

To
Dr. P. Pardha Saradhi,
Professor,
Department of Electronics and Communication Engineering,
KLEF,
Vaddeswaram,
Guntur (Dist.), A.P.

Dear Sir,

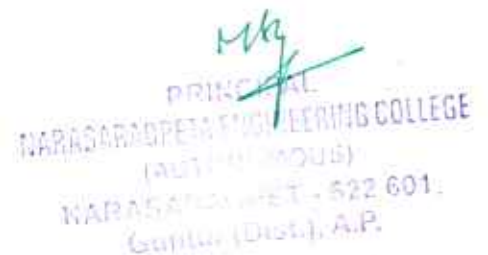
Sub: Request to Conduct Academic and administrative Audit at our Premises -Reg.

This is inform to you that NARASARAOPETA ENGINEERING COLLEGE (Autonomous) is under process of accreditation by NBA, NAAC. To meet the requirements of accreditation, we would like to conduct Academic and Administrative audit for our college for the academic year 2022-2023. We will be pleased to have your presence at our institute on 2-9-2023 to conduct audit and provide your remarks on the observations to improve standards of our institute.

Thanking you,

With Regards,


(Dr. M. Sreenivasa Kumar)



EXTERNAL AUDIT
ACADEMIC AND ADMINISTRATIVE
AUDIT
(AAA) 2022-2023
[01-07-2022 to 30-06-2023]

Internal Quality Assurance Cell
(IQAC)

Summary Sheet

1. Curricular Aspects

- The college is marching towards the successful implementation of few of the policies outlined in the National Education Policy (NEP).
- Online Feedback system is in place and analysed for improving the Teaching-Learning process.
- More students may be encouraged to undertake field projects / Internships.

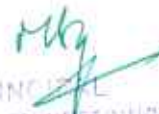
2. Teaching – Learning and Evaluation

- Outcome Based education philosophy is being followed very meticulously and the attainments are also calculated systematically.
- Question paper auditing may be carried out by the external subject experts.
- Summer internships, two months each, at the end of 2nd year and also 3rd year is made mandatory for the UG students in the revised curriculum. Opportunity is also provided for the students to carryout internships in the final semester.

3. Research, Consultancy and Extension

- The management of the college encourages research among faculty members by providing seed money for proposals that are submitted and implemented.
- Several departments have signed 14 Memorandum of Understandings (MoUs) in 2022-23 AY.
- The active participation of students in NCC is commendable
- The college organizes an annual blood donation camp through the NSS units.
- Though the quality publications seem to be good. However, number of publications have to be increased.
- Good Research and consultancy policy is framed and faculty members are being motivated by giving some financial benefits as per faculty share mentioned.


IQAC


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

- Incentives are awarded to the faculty who published their research work in peer reviewed scopus indexed journals.

4. Infrastructure and learning Resources

- A recording room is equipped with advanced facilities for developing e-content with the necessary hardware and software.
- The college recognizes the importance of sports and encourages students to actively participate in inter-collegiate competitions.
- Deserving students are provided with scholarships and financial awards to support their education.
- The college has a history of successful placements in well-known companies, providing students with excellent career opportunities.
- The college organizes various activities to support students in competitive exams and job placements, company specific training helping them build their professional skills.

5. Student support and Progression

- Larger number of students enrolled in online courses conducting by NPTEL.
- Career guidance for the students encouraging towards higher studies is provided for fast learners
- Alumni Meets are being conducted every year. But Interactions with alumni are to be increased
- Hackathons are conducted for students through Tech Hub


6. Governance, Leadership and Management

- Specific professional training for administrative staff is necessary to ensure that they have the skills and knowledge needed to excel in their roles.
- Administration is appreciated for getting 10 Years renewal of Autonomous status i.e upto 2031-32 from UGC, New Delhi.
- Administration is appreciated for being in continuous evaluation and ranking from NBA, NAAC, NIRF, WEEK, India Today, Careers 360 and Times Group etc.
- Institute conducts internal and external audits regularly

7. General Remarks

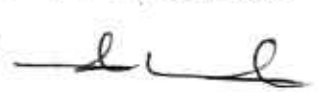
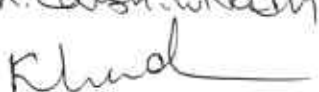


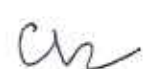


- Sensitization programmes involving students in identified areas are systematically organized.
- There has been a focus on conducting Energy and Green audits.




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

8. Suggestions

- More emphasis should be given to the Institutional Best practices by all the departments.
- Research yield of the college ought to be move forward since there are only limited research distributions and projects have been accomplished by faculty members
- The faculty shall be provided with a participation certificate to acknowledge their contribution to administrative activities.
- The department shall focus on encouraging more undergraduate students to pursue higher degree programs, including postgraduate studies and other advanced degree programs.
- Initiatives to be taken to get NIRF ranking below 200.
- Sponsored research and consultancy activities are to be enhanced.
- Institute Should support startups.

Evaluator 1 Name Dr. P. Parthasaradhi Signature P.P. 	Evaluator 2 Name Dr. K. Lakshminbath Signature 
Evaluator 3 Name Dr. D. Jagadish Signature 	Evaluator 4 Name Dr. B. Shanthi Vasini Signature 
Evaluator 5 Name Dr. P. SURESH BABU Signature 	Evaluator 6 Name DW Signature (DR. K. Raju)
Evaluator 7 Name Dr. SVN SREENIVASU Signature 	 Dr. B. Venkata Siva

Chairperson of the Committee

Name : Dr. M. Sreenivasa Kumar

Signature : 

PRINCIPAL
NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

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

PRINCIPAL
NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)

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





NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

Kotappakonda Road, Yellamanda (P.O), NARASARAOPET-522 601, Palnadu Dist., A.P.
(Sponsored by Gayatri Educational Development Society), Narasaraopet.



Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada. Code : 47, NIRF Ranking 251 - 300 Band
Accredited by NBA (CSE, ECE) & NAAC "A+" Grade, ISO 9001 : 2015 Certified Institution.

08647-239903

Visit us at : www.nrtec.in

e-mail : principal@nrtec.in

Dr. M. SREENIVASA KUMAR

M.Tech., Ph.D. (UK), MISTE, FIE (I)

PRINCIPAL

Date: 22-8-23

To

Dr.M. Madhu Sudhana Rao
Associate Professor in English
Dept. of English
K.L.Deemed to be University
Vijayawada
Andhra Pradesh, INDIA.

Sub: Request to conduct Academic and Administrative Audit at our Premises-Reg.

Dear Sir,

This is to inform you that NARASARAOPETA ENGINEERING COLLEGE (Autonomous) is under the process of accreditation by NBA, NAAC. To meet the requirements of accreditation, we would like to conduct Academic and Administrative audit for the Department of Basic Sciences and Humanities for the academic year 2022-23. We will be pleased to have your presence at our institute on 28-08-2023 to conduct audit and provide your remarks on the observations to improve the standards of our institution.

Thanking you,

With Regards,



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

EXTERNAL AUDIT ACADEMIC AND ADMINISTRATIVE AUDIT (AAA) 2022-23 [01-07-2022-30-06-2023]	INTERNAL QUALITY ASSURANCE CELL (IQAC)
---	---

Summary Sheet

Department of Basic Sciences & Humanities

1. Strengths

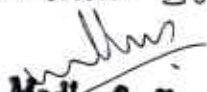
- * Highly qualified and extensively experienced faculty members.
- * Excellent laboratory facilities.
- * Significant number of completed NPTEL certifications.
- * Active faculty participation in AICTE UHV certification.


2. Weaknesses

- * Enhance the frequency of guest lectures, seminars, and workshops.
- * Elevate the quality of research efforts.


3. Concerns

- * Ensure the effective use of ICT-enabled tools.
- * Establish a department library.
- * Enhance student participation in sports and co-curricular activities.

Expert 1
 Name: Dr. M. Madhu Sudhan Rao
 Signature: 
Dr. M. Madhu Sudhan Rao
 Associate Professor
 Department of English
 KL Deemed to be University

Expert 2
 Name: Dr. B. JHANSI VAZRAM
 Signature: 
Dr. B. JHANSI VAZRAM
 B.Tech., M.Tech., Ph.D.
 Professor & Head
 Dept. of IT & CSE (AI)



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

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



NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)



Kotappakonda Road, Yellamanda (PO), NARASARAOPET - 522 601, Palnadu Dist., A.P.
(Sponsored by Gayatri Educational Development Society), Narasaraopet.

Approved by AICTE, New Delhi & Permanently Affiliated to JNTUK, Kakinada. Code : 47, NIRF Ranking 251 - 300 Band

Accredited by NBA (CSE, ECE) & NAAC "A+" Grade, ISO 9001 : 2015 Certified Institution.

☎ 08647-239903

Visit us at : www.nrtec.in

e-mail : principal@nrtec.in

Dr. M. SREENIVASA KUMAR

M.Tech., Ph.D. (UK), MISTE, FIE (I)

PRINCIPAL

26-08-2023,

Narasaraopet.

To,

Dr. Ch. Hanumantha Rao,
Professor & Dean (Student Affairs)
Department of Civil Engineering,
KL Deemed to be University,
Vijayawada,
Andhra Pradesh,
INDIA.

Sub: - Request to conduct Academic and Administrative Audit at our Premises – Reg.,

Madam,

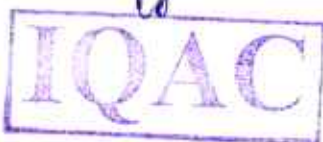
This is to inform you that NARASARAOPETA ENGINEERING COLLEGE (Autonomous) is under the process of accreditation by NBA, NAAC A+ and ranked by NIRF (band of 251-300) in the year 2022. To meet the requirements of accreditation, we would like to conduct Academic and Administrative audit for Civil Department for academic year 2022-23. We will be pleased to have your presence at our institute on 29-08-2023 to conduct audit and provide your remarks on the observations to improve standards of our institute.

Thanking you,

With Regards;

(Dr.M. Sreenivasa Kumar)

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



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




NARASARAOPETA
ENGINEERING COLLEGE
 (AUTONOMOUS)

EXTERNAL AUDIT ACADEMIC AND ADMINISTRATIVE AUDIT (AAA) 2022-2023 [01-07-2022 to 30-06-2023]	Internal Quality Assurance Cell (IQAC)
--	---

Summary Sheet

Department of CIVIL ENGINEERING

1. Strengths

- * Adequate class rooms & facilities & laboratory facilities
- * Good number of student Internships from outside.
- * Implementation of OBE is good.

2. Weaknesses

- * Student admissions are not satisfactory.
- * Less number of professional body memberships for both faculty & students.

3. Concerns


- * Need to improve faculty & student publications in scopus / International Journals.
- * Need to improve Consultancy.
- * Motivate students towards GATE & CORE Placements.

Expert 1

Name : Dr. Ch. Hanumantha Rao
 Signature : 


Dean (Student Affairs)
 Koneru Lakshmaiah Education Foundation
 (Deemed to be University)
 Green Fields, VADDESWARAM-522502,
 Guntur Dist, Andhra Pradesh.

Expert 2

Name : Dr. K. Raju
 Signature : 

PROFESSOR
 DEPT. OF ELECTRONICS & COMMUNICATION ENGINEERING
 NARASARAOPETA ENGINEERING COLLEGE
 NARASARAOPETA - 522601, Guntur (Dist.) A.P.




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



NARASARAOPETA
ENGINEERING COLLEGE
(AUTONOMOUS)

List of MOUs



NARASARAOPETA ENGINEERING COLLEGE (AUTONOMOUS)

LIST OF MOUs

2022-2023

S.No	Details	Date	Period of Validity	Nature of MOU	Dept
1	AM Reddy M+C4:C18emorial College of Engineering	31-07-2023	1 year	Academia	college
2	Kapil IT Skill Hub	02-05-2023	3 years	Training Industry	college
3	Celonis	27-04-2023	2 years	Academia	college
4	Ve-Educare	17-04-2023	3 years	Training Industry	college
5	Kumar Pumps	20-03-2023	5 years	Training Industry	ME
6	Andhra Pradesh Innovation Society	3rd and 4th March 2023	3 Years	Training Industry	college
7	LEO Global Overseas Educational Consultancy	24-02-2023	open ended	Training Industry	college
8	Team Link Consultancy	23-02-2023		Training Industry	college
9	Vision Overseas Educational Consultancy	07-01-2023	2 years	Training Industry	college
10	JOCIL LIMITED	1-11-2022.	3 years	Training Industry	ME
11	RWTH International Academy	21-10-2022	5 years	Training Industry	college
12	Brain Vision Solutions India Pvt Ltd	08-08-2022	3 years	Industry	college
13	Indo-Euro Synchronization Pvt.Ltd-IES	02-08-2022	5 years	Industry	ME
14	ExcelR Solutions	30-07-2022	2 years	Training Industry	College
15	Entrepreneur of CSC	08-07-2022	open ended	Training Industry	college




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

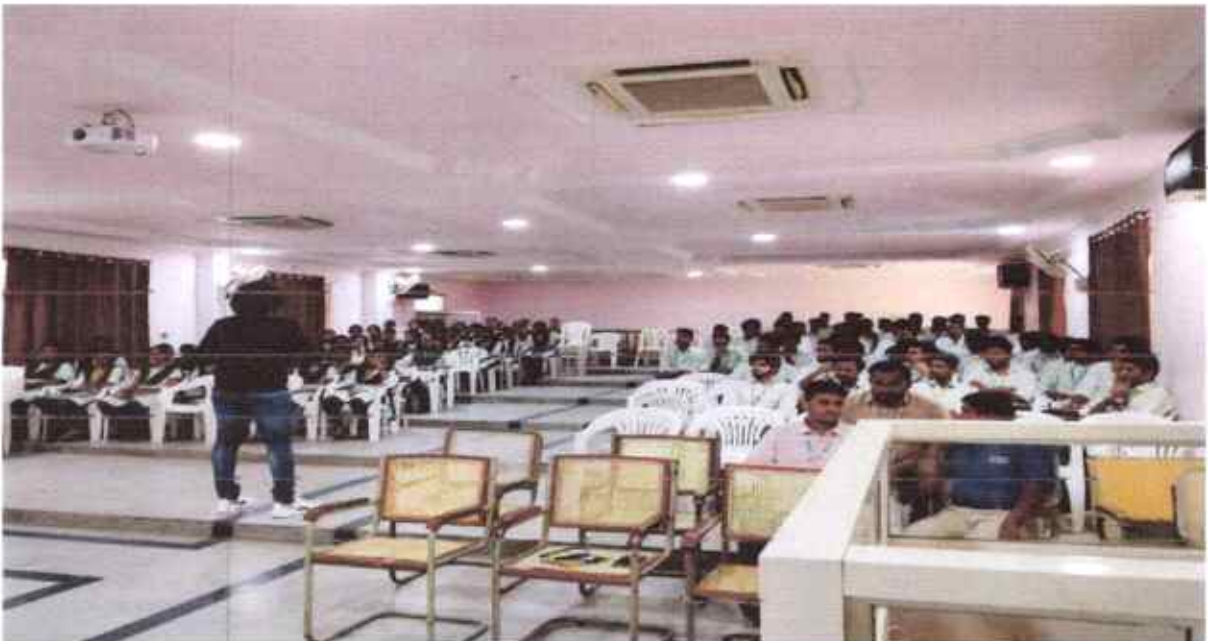
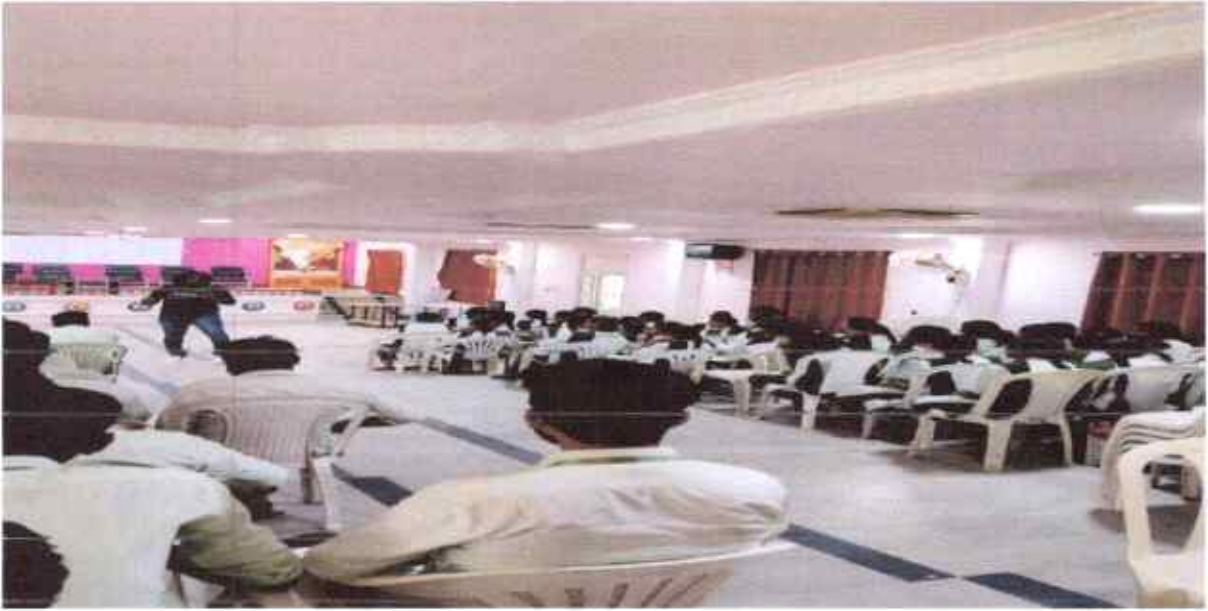
Guest Lecture by
Shaik. Afzal-GM-Kapil IT Skill Hub



AF
IQAC

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

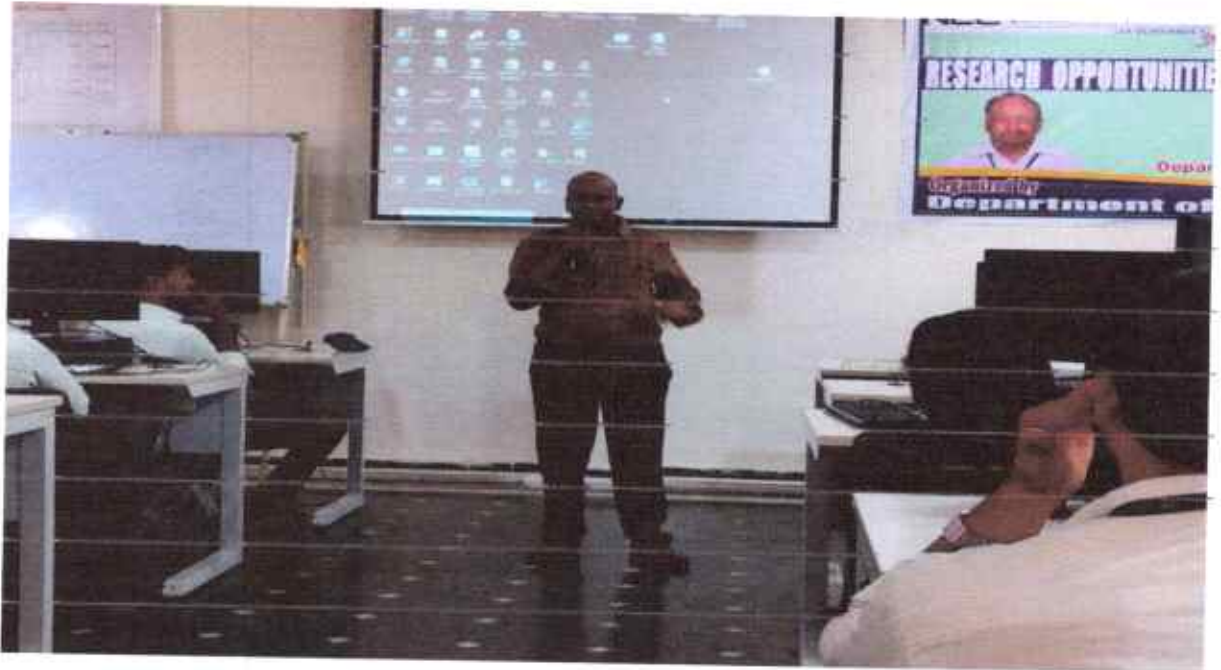
Guest Lecture by
Alexander Gosala-CEO-VETEACH




IQAC


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

Guest Lecture by
Dr. G. Suresh
VFSTR- University



Dr. S. B. Venkata Siva, HOD-ME, Profesor, NEC
Guest Lecture Given at AM Reddy M+C4:C18emorial College of Engineering



IQAC

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



NARASARAOPETA
ENGINEERING COLLEGE
(AUTONOMOUS)

List of Patents



NARASARAOPETA ENGINEERING COLLEGE

(AUTONOMOUS)

LIST PATENTS

2022-2023


S.No	TITTLE OF PATENT	APPLICATION NO/DATE OF FILING	PUBLICA TION DATE	FACULTY NAME	Departm ent
1	Dual Functional Superwetttable Nano-Structured Membrane method and Thereof	202241031000	03-06-2022	Dr K.Neeraja	BS&H
				DrP.N.V.V.L.Pramila Devi	
				Mr Samuel John Gosu	
				Dr Jetti Srinivasa Rao	
		Dr Y.Lakshman Kumar			
		Dr T.Anusha			
		Dr K.Sreenivasulu			
		Dr T.Anjaneyulu			
		Dr N.Giridhar Babu			
		Dr Karumanchi Ephraim Babu			
2	Nano Electronics Based Solar Cells For Efficient Performance Of Absorption Of Solar Energy	202211013548	01-04-2022	Dr. Surendra Kumar Yadav	EEE
				Mr.Rohit Srivastava	
				Sarvani Jowhar Khanam	
				Mr P.Lakshmanan	
		Dr. V V Satyanarayana Rao.			
		Dr. J. Kartigeyan			
		Dr Vaddi Ramesh			
		Dr P Joel Josephson			
		Dr. K. S. Thivya			
		Dr.P. Selvakumar			
Mr Dipan Kumar Das					
Mr Sonu Kumar					
3	A Hydraulic Jack Assembly with Safety Means and Sensing Mechanism	202241008511	04-03-2022	Dr J.Murali Naik	Civil
				Dr Mohammed Ali	
				Ms T.S.Vijaya Lakshmi	
				Dr P.Naga Sowjanya	
		Dr Mahesh.M			
		Mr Rajesh. K			
		Ms T.Dipmala Bhagwat			
		Dr Amarendra Choudhury			
		Dr V.Ranith Kumar			
		Mr Vishesh Sanjeevhan .D			


IQAC

NARASARAOPETA ENGINEERING COLLEGE
(AUTONOMOUS)
NARASARAOPET - 522 604
Guntur (Dist.), A.P.

4	An Alphabetic Rotating Toy	354790-001	08-02-2022	Dr Karuna Kumar G	ME
				Ms A.Pratyush	
		13-12-2021		Mr B.Rambabu	
5	A Digital Signal Processing System for an Electronic Gaming Device	202241004368 A	04-02-2022	Mr A.Eswar Kumar	ECE
				Dr Sathish Kumar M	
				Dr D.Venkateswara Reddy	
				Mr P.Karthik	
				Dr A.Sathish Kumar	
				Dr V.Ramesh Babu	
				Dr S.Chinna Venkateswarlu	
				Dr Vikas Thada	
				Dr U.Shrivastava	
		26-01-2022		Mr P.S Subhashini P	




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



NARASARAOPETA
ENGINEERING COLLEGE
(AUTONOMOUS)

List of Books



**NARASARAOPETA
ENGINEERING COLLEGE**
(AUTONOMOUS)

LIST BOOKS

2022-2023

S.N	Name of Faculty Member	Name of the Book	Name of the Publisher	ISBN No.	Year of Publication
DEPARTMENT OF ME					
1	Dr. M Sreenivasa Kumar Dr. D. Suneel Sk. Nagul Meeravali	Basics of Civil and Mechanical Engineering	Sri Krishna Publications	978-81-953688-x-x	2022
2	Dr. M Sreenivasa Kumar	Career Guidance and Placements	Spectrum Publishing House	978-81-952677-4-3	2022
DEPARTMENT OF ECE					
3	Dr SK Bajid vali	Artificial Intelligence for Internet of Things(Book Chapter)	CRC Press, London	9781003335801	2022
4	Dr SK Bajid vali	Mechatronics	Jaya Lakshmi Publications	978-93-91987-12-1	2022
DEPARTMENT OF CSE					
5	Dr.S.VN.SREENIVASU	Fundamentals of software Engineering	Academic guru publishin housem	978-93-94339-48-4	2022
DEPARTMENT OF BS&H					
6	Dr. K. Neeraja	Applied and Engineering Physics	Scientific International Publishing House	978-93-5625-221-9	2022
7	Dr.K.Ponnari Lakshmi, V.Aruna	Technical and Communicative English	Spectrum Education	978-81-948781-7-9	2022
8	Dr.Sk.Mohiddin Shaw, Dr.G.Dharmaiah	Matrix Algebra and Calculus	Spectrum Education	978-81-948784-8-3	2022




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