

RAJEEV GANDHI MEMORIAL COLLEGE OF ENGG., & TECH.,
(AUTONOMOUS)
NANDYAL – 518 501, KURNOOL (Dist), ANDHRA PRADESH, INDIA
DEPARTMENT OF MECHANICAL ENGINEERING



ACADEMIC AUDIT REPORTS
2020 - 2021

NATIONAL BOARD OF ACCREDITATION

APPLICATION NO: 5573-26/05/2021

Approved by AICTE, New Delhi, Affiliated to J.N.T.U.A, Anantapuramu

Accredited by NAAC with 'A+' Grade

Participated in World Bank Assisted TEQIP Phase-I

www.rgmcet.edu.in

Rajeev Gandhi Memorial College of Engineering & Technology
(Autonomous)
Nandyal -518 501, Kurnool (Dt),Andhra Pradesh, INDIA
DEPARTMENT OF MECHANICAL ENGINEERING

Academic audit (Form I)

Academic year: 2020-21


Semester: Even

Department: Mechanical Engineering

Date of Audit: 31-05-2021

Head of Department: Dr. K. Thirupathi Reddy

Activity	Completed (Yes/No)	Remarks
Department Academic Calendar	Yes	
Subject choices	Yes	
Elective offered	Yes	
Load distribution	Yes	
Departmental duties distribution	Yes	
Time table	Yes	
Course files/ Lecture plan	Yes	
Lab manuals/ Lab plan	Yes	
Mentors Allocation	Yes	
CO's	Yes	
CO-PO mapping	Yes	
Technical manpower allocation	Yes	
Lab OC's	Yes	
Class OC's	Yes	
Software/hardware specific requirement taken	Yes	
Adherence of lecture plan/ Lab plan	Yes	
Result analysis of previous semester	Yes	
CO attainment of previous semester	Yes	
Course Exit Surveys	Yes	
Usage of ICT	Yes	


Dr. M. V. Subramanyam
Member-Principal SPEC
M. V. Subramanyam
B.E, M.Tech, Ph.D, MIEEE, FIETE.
PRINCIPAL
Nandyal Engineering College
Nandyal -518 501, Kurnool (Dt), A.P.


Dr. V. Naga Bhaskar Reddy
Member-HOD EEE

Dr. V. Naga Bhaskar Reddy
M. Tech., Ph.D., MIEEE, MISTE
Professor & HOD, Dept. of EEE
RGM College of Engg. & Tech.
(Autonomous)
Nandyal-518501, Kurnool(Dt), A.P.


Dr. K. Thirupathi Reddy
Dr. K. THIRUPATHI REDDY
B.E(Mech), M.Tech, Ph.D MISTE, ASME
Professor & Head of M.E and SEIMENS
Department of Mechanical Engineering
R.G.M College of Engg. & Tech., (Autonomous)
NANDYAL 518 501, Kurnool (Dist), A.P

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DEPARTMENT OF MECHANICAL ENGINEERING

II. Lecture and Lab taken

S.No	Name Of Theory/ Practical Subject	Name Of Faculty	Number Of Lectures/ Labs Conduction
4th sem			
1.	Basic Electrical and Electronics Engg.	Mr. T. Ashok Kumar	52
2.	Fluid Mechanics and Hydraulic Machinery	Mr. T. John Babu	55
3.	Applied Thermodynamics	Dr. V. Siva Reddy	57
4.	Environmental Science	Dr. B. Arun Babu	52
5.	Design Thinking	Dr. D. Abhishek	50
6.	Manufacturing Technology	Dr. G. Venkatesh	53
7.	Manufacturing Technology Lab	Mr. Y. Suresh Babu and Mrs. S.M. Karishma	36
8.	Fluid Mechanics and Hydraulic Machinery	Mr.T. John Babu and Dr. V.N. Reddy	54
9.	Thermal Engg. Lab	Dr. Ashif Perwez and Mr. B. Dinesh Babu	39
10.	Theory of Machines	Dr. V. Nageswara Reddy	55
6th SEM			
11.	Industrial Engg. and Management	Mr. B.C. Ankanna	56
12.	Design of Machine Elements -II	Dr. Sudha Madhuri	57
13.	Heat Transfer	Mr. B. Suresh	54
14.	Engg. Metrology	Dr. B. Sidda Reddy	54
15.	Tool Design	Mr. Khaja Gulam Hussain	57
16.	Professional Ethics and Soft Skills	Mr. A.K. Gopi Krishna	52
17.	Parametric modeling	Mr. Md. Anees Sheik	54
18.	Heat Transfer Lab	Mr. B. Suresh/ Dr. V. Chandrasekhar	39
19.	Metrology and Machine Tools Lab	Dr. B. Sidda Reddy and G. Venkatesh	36
20.	Parametric Modeling -I Lab	Mr. Md. Anees Sheik and Dr. Manoj Panchal	39
8th sem			
21.	Industrial Automation and Robotics	Mr. Y. Suresh Babu	50
22.	Production and Operations Management	Dr. V. Chandrasekhar	54
23.	Modeling and Analysis	Mr. N. Upendra	56
24.	Modeling and Analysis lab	Dr. Sudha Madhuri and Dr. Syed Altaf hussain	36
25.	Seminar	Mr. P. V. Jayasankar and Mr. Gouse Perra	30
26.	Project Work	Dr. S. Altaf Hussain and B. Sidda Reddy	210

Dr. K. THIRUPATHI REDDY
Department of Mechanical Engineering, RGM CET, Nandyal -518 501

Professor & Head of M.E and SEIMENS
Department of Mechanical Engineering
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DEPARTMENT OF MECHANICAL ENGINEERING

III. Activities conducted for slow and fast learners

S.No	Name Of Subject	Name Of Faculty	Activities Conducted For Slow Learners	Activities Conducted For Fast Learners
1.	Heat Transfer	Mr. R. Susmil Kumar	Some Easy questions given Questions from previous exam papers were discussed	Difficult questions, Questions from GATE were discussed
2.	Design of Machine Elements-II	Dr. K.Sudha Madhuri	Extra Lectures conducted	Previous years GATE questions on instructions format were discussed
3.	Theory of Machines	Dr. V.Nageswar Reddy	Given extra time for discussion and video lectures on tough topics were shown	Discussed previous year exam question papers and solved the difficult questions
4.	Applied Thermodynamics	Dr. V. Siva Reddy	Given extra time for discussion and video lectures on tough topics were shown	Discussed previous year exam question papers and solved the difficult questions
5.	Industrial Automation and Robotics	Mr, Y.Suresh Babu	Some Easy questions given Questions from previous exam papers were discussed	Previous years GATE questions on instructions format were discussed
6.	Modeling and Analysis	Mr. N. Upendra	Extra Lectures conducted	Discussed previous year exam question papers and practiced more advanced topics
7.	Tool Design	Mr. M.Khaja Gulam Hussain	Extra Lectures conducted	Discussed previous year exam question papers and discussed the difficult questions
8.	Manufacturing Technology	Dr. G. Venkatesh	Extra Lectures conducted	Advanced Video lectures were shown


Dr K. THIRUPATHI REDDY

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DEPARTMENT OF MECHANICAL ENGINEERING


IV. Workshops/ Training / Value-added courses organized for the students


S.No	Date	Events	In Association With
1.	23.11.2020 To 28.11.2020	AICTE Sponsored (Phase-I) One Week Online STTP on "New Trends in IC Engines".	AICTE and Department of Mechanical Engg. RGM CET
2.	30.11.2020 To 05.12.2020	AICTE Sponsored (Phase-II) One Week Online STTP on "New Trends in IC Engines".	AICTE and Department of Mechanical Engg. RGM CET
3.	07.12.2020 To 12.12.2020	AICTE Sponsored (Phase-III) One Week Online STTP On "New Trends In IC Engines".	AICTE And Department Of Mechanical Engg. RGM CET
4.	18.01.2021 To 23.01.2021	One Week Training Programme On CNC Turning Foundation	APSSDC And SIEMENS TSDI- RGM CET
5.	08.02.2021 To 13.02.2021	One Week Training Programme On CNC Turning Foundation	APSSDC And SIEMENS TSDI- RGM CET

V. Guest lecturers conducted for students

S.No	Name Of Resource Person	Designation	Date	Topic
1	Dr. H. Raghavendra Rao	Professor, GPPE College, Kurnool	18.03.21 To 20.03.21	Fiber Reinforced Composites

VI. Allocation of Final Year Projects: Done


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G.M College of Engg. & Tech., (Autonomous)
NANDYAL - 518 501, Kurnool (Dist), A.P.



R G M COLLEGE OF ENGINEERING & TECHNOLOGY
AUTONOMOUS

Examination Branch

Nandyal-518501, Kurnool - Dt. AP. India

Date: 06-05-2019

CIRCULAR

Ref: Circular/EB/Academic Audit /01/19

The following faculty members are appointed as academic auditors for the departments shown against their names. All the auditors are requested to submit the report within a week after completing the auditing. They are expected to verify the stock registers, attendance registers of the faculty & staff, Internal scripts and lab records.

S.NO	Name of the Faculty	Name of the Dept. to visit
1	A)Dr. B. Sidda Reddy	Civil Engineering
	B) Dr. V. Nageswar Reddy	
2	A)Dr. V.N.V. SatyaPrakash	Electrical & Electronics Engineering
	B) Dr. M.V. Ramana Reddy	
3	A) Mr. B. Naga Kiran	Mechanical Engineering
	B) Mr. G.N. Sreekanth	
4	A) Dr. B. Manjunath	Electronics & Communication Engineering
	B) Mr. G. Kumara Swamy	
5	A) Mr. K. Nageswar Reddy	Computer Science & Engineering
	B) Dr. M. Surya Bhupal	
6	Mr. K.E. Naresh Kumar	Basic Sciences
	Mr. V.V. Nagendra Kumar	

PRINCIPAL
06/05/2019



R.G. M COLLEGE OF ENGINEERING & TECHNOLOGY

(Autonomous)

EXAMINATION BRANCH

NANDYAL – 518 501, KURNOOL-Dt, ANDHRA PRADESH, INDIA

ACADEMIC AUDIT REPORT

Dt: 21.06.2021

To

The Principal
RGM CET,
Nandyal-518501

Sir,

Sub: RGM CET-Ndl –Academic Audit Report for 2020-21 year –
Department of Mechanical Engineering – Submission of the report –reg.

Ref: Office order - dated: 06.05.2019.

With reference to the above office order we have carried out **Academic Audit** in the **Department of Mechanical Engineering** and it is found that everything is as per the records.

As a part of this audit, we have verified the all lab stock registers, attendance registers of faculty and staff, sample internal exam scripts and laboratory records etc.

This is for your kind information and necessary action.

Signatures of Audit Committee members

1. Dr. B.Naga Kiran:

2. Mr. GN Sreekanth:



R.G. M COLLEGE OF ENGINEERING & TECHNOLOGY, NANDYAL-518501
DEPARTMENT OF MECHANICAL ENGINEERING
(Autonomous)



Dr. 22-08-2022

From
Dr. K.Thirupathi Reddy,
Professor & Head,
Department of Mechanical Engineering,
RGM CET.

Sub: Appointment -Internal Audit Committee (IAC)-Reg

It is here by informed that the following faculty members are appointed as Internal Audit coordinators of the Department of Mechanical Engineering for the Academic years 2020-21 & 2021-22. They are requested to look after all matters related to Equipment/software's available in Laboratories i.e., Invoice /Bills are to be verified for every equipment. They should also verify log register and Register of consumables/service register. If any discrepancy is found, it should be brought to the notice of Head of the Department.

Faculty Name	Designation	Phone No
Dr. B.Ramakrishna	Associate Professor	9182377039
Dr.Y.Siva Kumar Reddy	Associate Professor	9703263079
Dr.Upendra Rajak	Associate Professor	9340589550
Dr.Manoj Panchal	Asst. Professor	9589089821

Copy To:

1. Principal Office
2. Dr. B.Ramakrishna
3. Dr.Y.Siva Kumar Reddy
4. Dr.Upendra Rajak
5. Dr.Manoj Panchal
6. Dept. file

Dr. K. THIRUPATHI REDDY
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INTERNAL AUDIT FOR ACADEMIC YEAR : 2020-2021

(To be done in May/June of Academic year)

Dt: 28/6/2021

Note:

1. Verify stock of stock register of each Laboratory
2. Any discrepancy is found, brought to the notice of HOD

Name of the Laboratory:..... Computer Aided Manufacturing

Academic Year:..... 2020-2021

1. Name of the Lab In-Charge		Dr. Syed Altaf Hussain	
2. Name of the Technical Staff		G. Sreenivasulu	
Stock details for the Current Academic year			
	Amount in (Rs.)	Signature of Lab I/C	Signature of Technical Staff
Equipment cost procured in Current Academic Year	-		
Total Equipment cost till to the end of the current Academic year	32,04,701/-		
Consumables purchased for Current Academic year	10,433/-		
Total Consumables cost till to the end of the current Academic year	10,433/-		
List of Equipment un repairable/obsolescent	Name of Equipment	Date of purchased	
	1.		
	2.		
	3.		
4.			
Log register maintained or not	Yes		

Observations & Remarks:

Signatures of IAC

1. Dr. B. Ramakrishna
2. Dr. Y. Siva Kumar Reddy
3. Dr. Upendra Rajak
4. Dr. Manoj Panchal



INTERNAL AUDIT FOR ACADEMIC YEAR : 2020-2021

(To be done in May/June of Academic year)

Dt. 29/06/2021

Note:

1. Verify stock of stock register of each Laboratory
2. Any discrepancy is found, brought to the notice of HOD

Name of the Laboratory:..... Heat transfer

Academic Year:..... 2020-2021

1.Name of the Lab In-Charge	<u>Dr. V. Chandea Sekhar</u>		
2.Name of the Technical Staff	<u>A.V. Papayiah</u>		
Stock details for the Current Academic year			
	Amount in (Rs.)	Signature of Lab I/C	Signature of Technical Staff
Equipment cost procured in Current Academic Year	-	<u>K. Ch.</u>	<u>A.V. Papayiah</u>
Total Equipment cost till to the end of the current Academic year	7,48,525/-	<u>K. Ch.</u>	<u>A.V. Papayiah</u>
Consumables purchased for Current Academic year	-	<u>K. Ch.</u>	<u>A.V. Papayiah</u>
Total Consumables cost till to the end of the current Academic year	-	<u>K. Ch.</u>	<u>A.V. Papayiah</u>
List of Equipment un repairable/obsolescent	Name of Equipment		Date of purchased
	1.		
	2.		
	3.		
	4.		
Log register maintained or not	<u>Yes</u>		

Observations & Remarks:

1) Stefan Boltzman's apparatus is not in working condition
Need to be repaired.

Signatures of LAC

1. Dr. B. Ramakrishna
2. Dr. Y. Siva Kumar Reddy
3. Dr. Upendra Rajak
4. Dr. Manoj Panchal



INTERNAL AUDIT FOR ACADEMIC YEAR : 2020-2021

(To be done in May/June of Academic year)

Note:

Dt: 28/06/2021

1. Verify stock of stock register of each Laboratory
2. Any discrepancy is found, brought to the notice of HOD

Name of the Laboratory:..... Computer Aided design.....
 Academic Year:..... 2020-2021.....

1.Name of the Lab In-Charge		N. Upendra	
2.Name of the Technical Staff		G. Sreenivasulu	
Stock details for the Current Academic year			
	Amount in (Rs.)	Signature of Lab I/C	Signature of Technical Staff
Equipment cost procured in Current Academic Year	-		
Total Equipment cost till to the end of the current Academic year	5984300/-		
Consumables purchased for Current Academic year	7835/-		
Total Consumables cost till to the end of the current Academic year	7835/-		
List of Equipment un repairable/obsolescent	Name of Equipment		Date of purchased
	1.		
	2.		
	3.		
4.			
Log register maintained or not	Yes		

Observations & Remarks:

Signatures of IAC

1. Dr. B.Ramakrishna
2. Dr. Y. Siva Kumar Reddy
3. Dr. Upendra Rajak
4. Dr. Manoj Panchal



INTERNAL AUDIT FOR ACADEMIC YEAR : 2020-2021

(To be done in May/June of Academic year)

DI: 28/06/2021

Note:

1. Verify stock of stock register of each Laboratory
2. Any discrepancy is found, brought to the notice of HOD

Name of the Laboratory:..... Y.S Manufacturing Technology Lab

Academic Year:..... 2020-2021

1.Name of the Lab In-Charge		<u>Y. Suresh Babu</u>	
2.Name of the Technical Staff		<u>Bhupal Reddy</u>	
Stock details for the Current Academic year			
	Amount in (Rs.)	Signature of Lab I/C	Signature of Technical Staff
Equipment cost procured in Current Academic Year	-	<u>[Signature]</u>	
Total Equipment cost till to the end of the current Academic year	<u>5,58,899/-</u>	<u>[Signature]</u>	
Consumables purchased for Current Academic year	<u>22,365/-</u>	<u>[Signature]</u>	
Total Consumables cost till to the end of the current Academic year	<u>22,365/-</u>	<u>[Signature]</u>	
List of Equipment un repairable/obsolescent	Name of Equipment		Date of purchased
	1.		
	2.		
	3.		
4.			
Log register maintained or not	<u>Yes</u>		

Observations & Remarks:

1) pipe bending machine is not in working condition
 Need to be repaired

Signatures of IAC

1. Dr. B.Ramakrishna [Signature]
2. Dr.Y.Siva Kumar Reddy [Signature]
3. Dr.Upendra Rajak [Signature]
4. Dr.Manoj Panchal [Signature]



INTERNAL AUDIT FOR ACADEMIC YEAR : 2020-2021

(To be done in May/June of Academic year)

Dt: 30/06/2021

Note:

1. Verify stock of stock register of each Laboratory
2. Any discrepancy is found, brought to the notice of HOD

Name of the Laboratory:.....fluid mechanics & Hydraulic machinery

Academic Year:.....2020-2021

1.Name of the Lab In-Charge		Dr. B. Sidde Reddy	
2.Name of the Technical Staff		M. Md. Nawaz	
Stock details for the Current Academic year			
	Amount in (Rs.)	Signature of Lab I/C	Signature of Technical Staff
Equipment cost procured in Current Academic Year	-		
Total Equipment cost till to the end of the current Academic year	20,81,641/-		
Consumables purchased for Current Academic year	-		
Total Consumables cost till to the end of the current Academic year	5,020-		
List of Equipment un repairable/obsolescent	Name of Equipment		Date of purchased
	1.		
	2.		
	3.		
4.			
Log register maintained or not	Yes		

Observations & Remarks:

Signatures of IAC

1. Dr. B. Ramakrishna
2. Dr. Y. Siva Kumar Reddy
3. Dr. Upendra Rajak
4. Dr. Manoj Panchal



INTERNAL AUDIT FOR ACADEMIC YEAR : 2020-2021

(To be done in May/June of Academic year)

Note:

Dt: 29/06/2021

1. Verify stock of stock register of each Laboratory
2. Any discrepancy is found, brought to the notice of HOD

Name of the Laboratory:..... Engineering mechanics

Academic Year:..... 2020-2021

1.Name of the Lab In-Charge		B. Chinnna Ankanna	
2.Name of the Technical Staff		T. Sai Hazi	
Stock details for the Current Academic year			
	Amount in (Rs.)	Signature of Lab I/C	Signature of Technical Staff
Equipment cost procured in Current Academic Year	-	<u>[Signature]</u>	<u>T. Sai ha Babu</u>
Total Equipment cost till to the end of the current Academic year	2,53,500/-	<u>[Signature]</u>	<u>T. Sai ha Babu</u>
Consumables purchased for Current Academic year	-	<u>[Signature]</u>	<u>T. Sai ha Babu</u>
Total Consumables cost till to the end of the current Academic year	-	<u>[Signature]</u>	<u>T. Sai ha Babu</u>
List of Equipment un repairable/obsolescent	Name of Equipment		Date of purchased
	1.		
	2.		
	3.		
4.			
Log register maintained or not	<u>Yes</u>		

Observations & Remarks:

Signatures of IAC

1. Dr. B.Ramakrishna [Signature]
2. Dr.Y.Siva Kumar Reddy [Signature]
3. Dr.Upendra Rajak [Signature]
4. Dr.Manoj Panchal [Signature]



INTERNAL AUDIT FOR ACADEMIC YEAR : 2020-2021

(To be done in May/June of Academic year)

Dt: 30/06/2021

Note:

1. Verify stock of stock register of each Laboratory
2. Any discrepancy is found, brought to the notice of HOD

Name of the Laboratory:..... Engineering Workshop

Academic Year:..... 2020-2021

1.Name of the Lab In-Charge				<u>Dr. V. Nageswara Reddy</u>			
2.Name of the Technical Staff				<u>D. Siva Kumar</u>			
Stock details for the Current Academic year							
	Amount in (Rs.)	Signature of Lab I/C	Signature of Technical Staff				
Equipment cost procured in Current Academic Year	<u>1,12,278/-</u>	<u>[Signature]</u>	<u>[Signature]</u>				
Total Equipment cost till to the end of the current Academic year	<u>1,901,855/-</u>	<u>[Signature]</u>	<u>[Signature]</u>				
Consumables purchased for Current Academic year	<u>30,890/-</u>	<u>[Signature]</u>	<u>[Signature]</u>				
Total Consumables cost till to the end of the current Academic year	<u>30,890/-</u>	<u>[Signature]</u>	<u>[Signature]</u>				
List of Equipment un repairable/obsolescent	Name of Equipment		Date of purchased				
	1.						
	2.						
	3.						
	4.						
Log register maintained or not	<u>Yes</u>						

Observations & Remarks:

Signatures of IAC

1. Dr. B.Ramakrishna [Signature]
2. Dr.Y.Siva Kumar Reddy [Signature]
3. Dr.Upendra Rajak [Signature]
4. Dr.Manoj Panchal [Signature]