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



ACADEMIC AUDIT REPORTS 2019 - 2020

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

(Autonomous)

Nandyal -518 501, Kurnool (Dt), Andhra Pradesh, INDIA DEPARTMENT OF MECHANICAL ENGINEERING

<u>Academic audit (Form I)</u>				
Academic year: 2019-20	Semester: Even			
Department: Mechanical Engineering	Date of Audit: 1	1-05-2020		
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 ubramnyam Member-Principal SREC Dr. M.V. Subramanyam B.E, M.Tech, Ph.D, MIEEE, FIETE, PRINCIPAL Santhiram Engineering College NANDYAL - 518 501, Kumool (Dt), A.P.

Dr.V, Nagabhaskar Reddy

.Thirur Red

Dr K. THIRUPATHI Reddy BERNON, WITCH, Ph.D. MISTE, ASME Dr. V. Naga Bhaskar Reddy perfessor & Head of M.E and SEIMENS M. Tech., Ph.D., MIEEE, MISTIG: M College of Engg. & Tech., (Autonomous) Professor & HOD, Dept. of EEE NANDYAL 518 501, Kurnool (Dist), A.P RGM College of Engg. & Tech. (Autonomous) Nandyal-518501, Kurnool(Dt), A.P.

Department of Mechanical Engineering, RGMCET, Nandyal -518 501

(Autonomous) Nandyal -518 501, Kurnool (Dt),Andhra Pradesh, INDIA DEPARTMENT OF MECHANICAL ENGINEERING

II. Lecture and Lab taken

	S. No	Name of Theory/ Practical subject	Name of faculty	Number of Lectures/ Labs Conduction
			4 th sem	Conduction
	1.	Environmental Science	. D.Naga mouli	12
	2.	Environmental Science	Dr.E.Chandra Sekhar	43
	3.	Environmental Science	Dr.Arun Babu	
	4.	Probability and Statistics	Dr.P.Sreedevi	42
	5.	Probability and Statistics	Dr.P.Sreedevi	48
	6.	Probability and Statistics	Dr.Y.Raja Obul Reddy	50
	7.	Kinematics of Machinery	Mr.N.Upendra	48
2	8.	Kinematics of Machinery	Dr.V.Nageswar Reddy	53
	9.	Kinematics of Machinery	Mr.P.Madhan Mohan Reddy	53
	10.	Internal Combustion Engines	K. Aswartha Narayana	53
	11.	Internal Combustion Engines	Dr.V.Siva Reddy	52
	12.	Internal Combustion Engines	K.Susmil Kumar	52
ſ	13.	Fluid Mechanics and Hydraulic	T.John Babu	51
$\left \right $	14.	Machinery	in the second	49
		Fluid Mechanics and Hydraulic Machinery	K.Viswanath	48
	15.	Fluid Mechanics and Hydraulic Machinery	G.V.Sathyanarayana	49
F	16.	Manufacturing Technology	Y. Suresh babu	50
F	17.	Manufacturing Technology	Ashok Kumar.M	50
	18.	Manufacturing Technology	Chandra Vikas Reddy	47
	19.	Aptitude Arithamatic Reasoning	Ms.P.Madhu sravanthi	49
F		and Comprehension		34
F	20.	Manufacturing Technology Lab	Y.Suresh Babu/M.Ashok Kumar	200
[21.	Fluid Mechanics and Hydraulic Machinery lab	T.John babu/T.Jaya Lakshmi	33
	22.	Internal Combustion Engines lab	Aswartha narayana / B.Dinesh Babu	33
		E Contra Co	6 th sem	and the state of the
	23.	Industrial Engineering and management	Dr.V.Chandra Sekhar	47
	24.	Industrial Engineering and management	B.C.Ankanna	49
	25.	Design of Machine Elements- II	Dr.K.Sudha Madu	
	26.	Design of Machine Elements-II	Dr.K.Sudha Madhuri	53
	27.	Design of Machine Elements-II	Dr.S.A.Hussain	52
	28.	Heat Transfer	Sk. Mahaboob Basha	53
	29.	Heat Transfer	B.Suresh	54
	30.	Heat Transfer	M.Satesh Reddy	54
	31.	Engineering Metrology	G.V.Satyanarayana	51
	32.	Engineering Metrology	T.Jaya Lakshmi	48
	33.	Engineering Metrology	Dr.B.Sidda Reddy	49
	34.	Tool Design	Shalk.Mahaboob Basha	48
	35.	Tool Design	M.Khaja Gulam Hussain	51
	36.	Tool Design	V.Hari Kumar	52
-		Dr-K-THIDUPATHI	Dr.G.Venkatesh	49

Department of Mechanical Februilt Asht Professor & Head of M.E. and SHMINGFring, RGMCET, Nandyal -518 501 Department of Mechanical Engineering R.G.M.College of Engg. & Tech., (Autonomous) NANDYAL 518 501, Kurnool (Dist), A.P

(Autonomous) Nandyal -518 501, Kurnool (Dt),Andhra Pradesh, INDIA DEPARTMENT OF MECHANICAL ENGINEERING

	87. Professional Ethics and soft ski		
	88. Professional Ethics and soft ski		39
	9. Professional Ethics and soft skil		39
	0. Parametric Modelling-I		38
	1. Parametric Modelling-I	J.Prashanth Kumar Yadav	42
		K.Viswanath	41
		B.Suresh	43
		V.Chandra Sekhar/ M.Sajid	36
	4. Heat transfer Lab 5. Heat transfer Lab	D.Hussain/ U.Suresh	33
		G.V.Satyanaraya/K.Susmil kumarna	36
4	5. Metrology and Machine Tools La	b M.Khaja Gulam Hussain/K.Nagabhushan Reddy	36
4	7. Metrology and Machine Tools La	b B.Sidda Reddy/ K.Naga Bhushan Reddy	33
48		b G.Venkatesh/ Madhan Mohan Reddy	36
49.	Parametric Modeling Lab-I J.Prashanth Kumar Yadav Khaja Hussain		33
50.	Parametric Modeling Lab-I	K.Viswanath/B.Jamal Vali	36
51.	Parametric Modeling Lab-I	B.Suresh/ Chandra Vikas reddy	33
52	MOOCS B/Suresh/B.C.Ankanna/SudhaM		41
		8 th sem	
5:	 Industrial Automation and Robotics 	Y.Suresh Babu	48
54	Robotics	J.Prashanth Kumar Yadav	49
55	Robotics	Madhan mohan Reddy	51
56.	Automobile Engineering	B.Veerendra	48
57.	Automobile Engineering	B.Dinesh	49
58.	Automobile Engineering	M.Satesh Kumar	51
59.	Modeling and Analysis	Sudha Madhuri	
60.	Modeling and Analysis	N.Upendra	47
61.	Modeling and Analysis	B.N.Sandeep	49
62.	M& A Lab		47
53.	Seminar	K.Sudha Madhuri/ N.Upendra	42
64.	Project Work	K.Nageswar Reddy/ Venkatesh .G	42
		Syed Altaf/B.Sidda Reddy	199

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

Department of Mechanical Engineering, RGMCET, Nandyal -518 501

(Autonomous) Nandyal -518 501, Kurnool (Dt),Andhra Pradesh, INDIA DEPARTMENT OF MECHANICAL ENGINEERING

S.no	Name of subject	Name of faculty		conducted for learners	Activities conducted for fast learners	
1.	Heat Transfer	V.Chandra Sekhar	g Questions exam pa	sy questions iven from previous apers were cussed	Difficult questions, Questions from GAT were discussed	
2.	Design of Machine Elements	K.Sudha Madhuri	Extra Lectu	res conducted	instructions format were discussed	
3.	Kinematics of Machinery	V.Nageswar Reddy	discussion lectures or were	tra time for n and video n tough topics e shown	Discussed previous year exam questio papers and solved th difficult questions	
4.	Internal Combustion Engines	K.Aswartha Narayan	discussion lectures or were	tra time for n and video n tough topics e shown	Discussed previous year exam questio papers and solved the difficult questions	
5.	Industrial Automation and Robotics	Y.Suresh Babu	g Questions f exam pa	sy questions iven from previous apers were cussed	Previous years GAT questions on instructions format were discussed	
6.	Modeling and Analysis	N.Upendra	Extra Lectu	res conducted	papers and practice more advanced topi	
7.	Tool Design	M.Khaja Hussain		res conducted	papers and discusse the difficult question	
8.	Manufacturing Technology	M. Ashok Kumar		res conducted	Advanced Video lectures were show	
	orkshops/ Traini		a courses	Tr	for the students sociation With	
S.No	Date	Events One Day Work S	Shop on		and the second se	
1.	04.09.2019	Industry 4			hanical Eng., RGMCE	
2.	30.09.2019	Orientation Progra GATE - 202		T.I.M.E. Priva	Senior Manager(GAT te Ltd. Hyderabad. A hanical Eng., RGMCE	
3.	21st <mark>&</mark> 22nd October 2019	"Non-Destructive Evaluation Dept. of Mer				
4.	22.07.2019 To 27.07.2019			APSSDC, CMs Skill Excellence Centre- RGMCET.		
5.	22.07.2019 To 26.07.2019	5-Days Training Programme on D "MAT LAB" for Beginners			t of Mechanical Eng. RGMCET	
6.	16.09.2019 To C 25.10.2019	Dassault Systems Training Programme RGMCET				

Professor & Head of M.E and Schwerks Department of Mechanical Engineering R.G.M.College of Engg. & Tech., (Autonomous) NANDYAL 518 501, Kurnool (Dist), A.P

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(Autonomous) Nandyal -518 501, Kurnool (Dt), Andhra Pradesh, INDIA DEPARTMENT OF MECHANICAL ENGINEERING

V. Guest lecturers conducted for students

S.no	Name of Resource Person	Designation	Date	Торіс
1	Dr.Y.Mohan Reddy	Professor and Head GPRE College, Kurnool	18.11.19 to 20.11.19	Mechanics of Composite Materials

VI. Allocation of Final Year Projects: Done

Dr.M **Subramanyam** Member-Principal SREC

1

Dr. M.V. Subramanyam B.E. M.Tech, Ph.D. MIEEE, FILTE. PRINCIPAL Santhiram Engineering College NANDYAL-518501, Kumool (Du), A.P.

Dr.V,Nagabhaskar 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, Kurnooi(Dt), A.P.

Dr:KKTHTFUDatHIAREHUKEDDT B.E(Mech), M.Tech., Ph.D.MISTE.ASME ProfestoD Haad of M.E and SEIMENS Department of Mechanical Engineering R.G.M College of Engg. & Tech., (Autonomous) NANDYAL 518 501, Kurnool (Dist), A.P

Department of Mechanical Engineering, RGMCET, Nandyal -518 501



₹G M COLLEGE OF ENGINEERING & TECHNOLOGY AUTONOMOUS Examination Branch Nandyal-518501, Kurnool – Dt. AP. India

Date: 06-05-2019

CIRCULAR

Ref: Ciraular/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	
	B) Dr. V. Nageswar Reddy	Civil Engineering
2	A)Dr. V.N.V. SatyaPrakash	Flootrical & Floot
	B) Dr. M.V. Ramana Reddy	Electrical & Electronics Engineering
3	A) Mr. B. Naga Kiran	Machania ID
•	B) Mr. G.N. Sreekanth	Mechanical Engineering
4	A) Dr. B. Manjunath	Electronics & Communication
	B) Mr. G. Kumara Swamy	Engineering
5	A) Mr. K. Nageswar Reddy	Computer Sci a 7
	B) Dr. M. Surya Bhupal	Computer Science & Engineering
6	Mr. K.E. Naresh Kumar	
	Mr. V.V. Nagendra Kumar	Basic Sciences

R.G. M COLLEGE OF ENGINEERING & TECHNOLOGY

EXAMINATION BRANCH

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

ACADEMIC AUDIT REPORT

Dt: 08.06.2020

To

The Principal

RGMCET.

Nandyal-518501

Sir,

()

Sub: RGMCET-Ndl -Academic Audit Report for 2019-20 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 verified the all lab stock registers, attendance registers of faculty and staff, sample internal exam scripts and laboratory records and it is found that everything is as per the records.

This is for your kind information and necessary action.

Signatures of Audit Committee members

DEPARTMENT OF MECHANICAL ENGINEERING

(Autonomous)

Dt: 19-06-2018

From Dr. Syed Altaf Hussain, Professor & Head RGMCET.

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 Mechanical Engineering Dept. for the Academic years 2018-19 & 2019-20. They are requested to look after all matters related to stock 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. If any discrepancy is found, it should be brought to the notice of Head of the Dept.

Faculty Name	Designation	Phone No
Mr. B. Suresh	Asst. Professor	8985340956
Mr. N. Upendra	Asst. Professor	

Copy To:

1.Principal Office 2. Mr. B. Suresh 3. Mr. N. Upendra 4. Dept. file

TAF HI M. Tech. Ph.D. FIE. MIST. OFESCOR OF MECHANICAL ENGINNER",G NON COLLEGE OF CHNGINEERING & TECHNOLO NANDYAL - 513501



DEPARTMENT OF MECHANICAL ENGINEERING

(Autonomous)

INTERNAL AUDIT FOR ACADEMIC YEAR : (To be done in May/June of Academic year)

Dr: 08/07/2019

Note:

Verify stock of stock register of each Laboratory

Any discrepancy is found, brought to the notice of HOD

Name of the Laboratory: Engineering Mechanich

Academic Year: 2019-20

1.Name of the Lab In-Charge		13.0	Chinna	A	nkanna	
2.Name of the Technical Staff	Name of the Technical Staff			D. Siva Kumar		
Stock details	for the C	and the second se	Academic yea			
	Amount i	n	Signature	of	Signature of	
	(Rs.)		Lab I/C		Technical Staff	
Equipment cost procured in Current Academic Year	-		bat		Lo-Sin lem	
Total Equipment cost till to the end of the current Academic year	\$2,53	,500/-	624		Lo. Si. aum	
Consumables purchased for Current Academic year	-		6A		No. Fri- Uuma	
Total Consumables cost till to the end of the current Academic year	-		64		to-Switcen	
List of Equipment	Name	of Equip	oment Da	ate o	f purchased	
un repairable/obsolescent	1. •					
	2.	-				
	3.	-				
	4. ·	-				
Log register maintained or not	Yes					

Observations & Remarks:

Signati

DEPARTMENT OF MECHANICAL ENGINEERING

(Autonomous)

INTERNAL AUDIT FOR ACADEMIC YEAR : (To be done in May/June of Academic year)

Dt: 26/06/2019

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: Ensineering Work Shop				
	19-202	v		
1.Name of the Lab In-Charge		V	NIAGESWAR	A REDDY
2.Name of the Technical Staff			.SIVA KUA	/
Stock details	s for the C	Current	Academic year	
	Amount i (Rs.)	n	Signature of Lab I/C	Signature of Technical Staff
Equipment cost procured in Current Academic Year	1,40,90	5.75	Villety	Lor Fri- 1cenn
Total Equipment cost till to the end of the current Academic year	17,89,5	76-75	perty	do- Eni-lam
Consumables purchased for Current Academic year	30155	0-00	1aarto	Lo. Sui- acum
Total Consumables cost till to the end of the current Academic year	30,550	0-00	(reft	Lo. Sui lam
List of Equipment un repairable/obsolescent	Name (1. 2. 3. 4.	of Equip	oment Date of	f purchased
Log register maintained or not	49		ye.	

Observations & Remarks:

Signa ofIAC



DEPARTMENT OF MECHANICAL ENGINEERING

(Autonomous)

INTERNAL AUDIT FOR ACADEMIC YEAR : (To be done in May/June of Academic year)

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: FMHM

Academic Year: 2019-20

1.Name of the Lab In-Charge		Dr.	B. Side	la	Redely.
2.Name of the Technical Staff			ld. Na		
Stock details	for the C	Current	Academic ye	ar	
	Amount	in	Signature	of	Signature of
	(Rs.)		Lab I/C		Technical Staff
Equipment cost procured in Current Academic Year	_				-
Total Equipment cost till to the end of the current Academic year	20,51	,641=	~		~
Consumables purchased for Current Academic year	5,0	20=00	5		<u></u>
Total Consumables cost till to the end of the current Academic year	5,00	20=0)	R		E
List of Equipment	Name	e of Equi	pment ^v I	Date of	of purchased
un repairable/obsolescent	1. 2. 3. 4.		-		
Log register maintained or not		Yes.			

Observations & Remarks:

Signatures of IAC

Dt: 15/06/2019



DEPARTMENT OF MECHANICAL ENGINEERING

(Autonomous)

INTERNAL AUDIT FOR ACADEMIC YEAR : (To be done in May/June of Academic year)

Dt: 07.06.2019

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: Heart Transfer

Academic Year: 2019 - 2020.

1.Name of the Lab In-Charge						
		Dr- 1	V. Cha	mlx	a Sekhor	
2.Name of the Technical Staff						-
		AL	. papa	iah		£
Stock details	for the C	urrent	Academic y	ear		
	Amount i	n	Signature	of	Signature	of
	(Rs.)		Lab I/C		Technical Staff	
Equipment cost procured in						
Current Academic Year	5,01,0	060-00			the	-
Total Equipment cost till to the			1			
end of the current Academic year	7,48,	525-00	1sten	2	Dup	-
Consumables purchased for			0			
Current Academic year					Aug	
Total Consumables cost till to the					2	
end of the current Academic year	-	-			Ac	P
List of Equipment	Name	of Equip	oment	Date o	of purchased	F.
un repairable/obsolescent	1.					
	2.					
	3.					
	4.					
Log register maintained or not	yeg.					

Observations & Remarks:

Signatures of IAC



DEPARTMENT OF MECHANICAL ENGINEERING

(Autonomous)

Date: 22.07.2019

From Dr. K. Thirupathi Reddy Professor & Head RGMCET.

To The Principal, RGMCET

Sub: Appointment -Internal Academic Audit Committee (IAAC)-Reg,.

It is to bring to your kind notice that the following listed faculty members are appointed as Internal Academic Audit co-ordinaters for the Academic years 2018-19 & 2019-20. They are requested to look after all matters related to Internal Tests and Assignments conducted for theory and Laboratories examinations.

- > Random checking of any 5 scripts of each subject,
- If any discrepancy found, It is to be brought to the notice of HOD

Faculty Name	Designation	Phone No
Dr. K. Sudhamadhuri	Assoc.Professor	9505907474
Dr. G. Venkatesh	Asst.Professor	9491825550

Dr. K. THIRU Professor & Head of M.E and SEIMENS Depentment of Mechanical Engineering R.G. M. College of Engg. & Tech., (Autonomous) NINDYAL - 518 501, Kurnool (Dist), A.P.

Copy To:

- 1. Principal Office
- 2. Dr. K. Sudhamadhuri
- 3. Dr. G. Venkatesh Genetery
- 4. Dept. file.

DEPARTMENT OF MECHANICAL ENGINEERING

(Autonomous)

INTERNAL ACADEMIC AUDIT FOR ACADEMIC YEAR : 2019 - 20

Dt:

Note: Random 5 scripts for each subject and Lab are to be checked thoroughly and if found any discrepancy to be brought to the notice of HOD

Subject Name: HIM

Year/Sem: I/I

Academic Year: 2019-2020

S.NO	Regd.No	Internal Marks		Assignment		Remarks
- 1		Actual	verified	Actual	verified	Itemai K3
1.	1809190303	18	18	5	5	
2.	18091A1349 19095A034	21	21	5	5	
<u> </u>	19095A0304	23	23	5	5	
4.	19095A0330	23	23	5	5	
<u>J.</u>	19095A0378	12	12	5	5	

Signature of Coordinator (IAAC)

Subject Name: Dory

Year/Sem: <u>II</u>/ ₽

Academic Year: 2019-2020

S.NO		Internal Marks		Assignment		
		Actual	verified	Actual	verified	Remarks
<u> </u>	1709140301	21	21	5	.C	
2.	17091A0338	24	24	5		
3.	18095A0322	20	20	5	5	
4.	1809540348	13	13	5	5	
5.	18095A0353	19	19	t	+	

ure of Coordinator (TAAC)

DEPARTMENT OF MECHANICAL ENGINEERING

(Autonomous)

INTERNAL ACADEMIC AUDIT FOR ACADEMIC YEAR :

Dt:

Note: Random 5 scripts for each subject and Lab are to be checked thoroughly and if found any discrepancy to be brought to the notice of HOD

Subject Name: REAC Year/Sem: E/r

Academic Year: 2019-2020

S.NO	Regd.No	Internal Marks				
1		Actual	verified	Assignment Actual verified		Remarks
1.	16091A0304	14	14	4	verified	
3.	12091A0383		21	5	T	
4.	17095A0302 17095A0332 17095A0332	13	13	5	5	+
5.	17095 A0350	16	21	5	5	
			4	S	5	

Signature of Coordinator (IAAC)

Subject Name:

Year/Sem:

0

Academic Year:

S.NO	Regd.No	Internal Marks					
		Actual	verified	Assig Actual	gnment	Remarks	
2.				includi	verified		
3.							
4.					<u> </u>		
5.							

Signature of Coordinator (IAAC)

3.